

बलराज गुप्ता
निदेशक
BALRAJ GUPTA
DIRECTOR



भारत सरकार, रक्षा मंत्रालय,
रक्षा अनुसंधान तथा विकास संगठन
हवाई वितरण अनुसंधान एवं विकास संस्थापन
Govt. of India, Ministry of Defence,
Defence Research & Development Organisation
Aerial Delivery Research & Development Establishment

No.ADRDE/QMS/Dir Sectt/01

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TO WHOM IT MAY CONCERN

Prof. D.K. Chaturvedi, Dayalbagh Engineering Institute, Dayalbagh, Agra is working with Aerial Delivery Research and Development Establishment (ADRDE), DRDO, Govt. of India, Ministry of Defense, Agra in different roles such as Reviewer of DRDO project of national interest, Consultant, Trainer, Selection committee member of scientist and technical officers. In the area of designing and development of aerial delivery system, aircraft arrester barrier system, and aerostat systems his contributions are significant. He guided many projects at UG and PG level on the problems on ADRDE. He applied the soft computing techniques for controlling the aeronautical systems, such as parachute trajectory, energy absorbing with conventional energy absorber and eddy current absorbers, aircraft landing systems etc. He is consultant to ADRDE in the area of modeling and simulation of aeronautical systems such as stanchion system of aircraft arrester barrier system, parachute systems and supply system of aerostat. He was awarded many consultancy projects in the above areas. Presently he had taken up the work on constant voltage supply system to the devices installed at aerostat which fly in sky at the height of 1-5 kms. He is also developing design for protecting system of aerostat from lightening stroke. The results have been published in many International Journals of repute and a book entitled, "Modeling and Simulation of Systems using Matlab/Simulink", CRC Press, New York (2009) authored by the nominee. Many training courses have been organized for the scientists of ADRDE in the modern technological fields to make them aware such as modeling and simulation, Matlab applications in aeronautical systems. These courses made significant changes in scientists to attempt their design and development problems.

Overall Prof. Chaturvedi's contribution towards the development of indigenous aeronautical systems in ADRDE is enormous. I wish for his bright future.


BALRAJ GUPTA
DIRECTOR, ADRDE
AGRA CANTT.

P.O. Box # 51, Station Road, Agra Cantt. - 282 001

Phone : 0562-2260023 Fax : 0562-2251677 e-mail : directoradrde@dataone.in

