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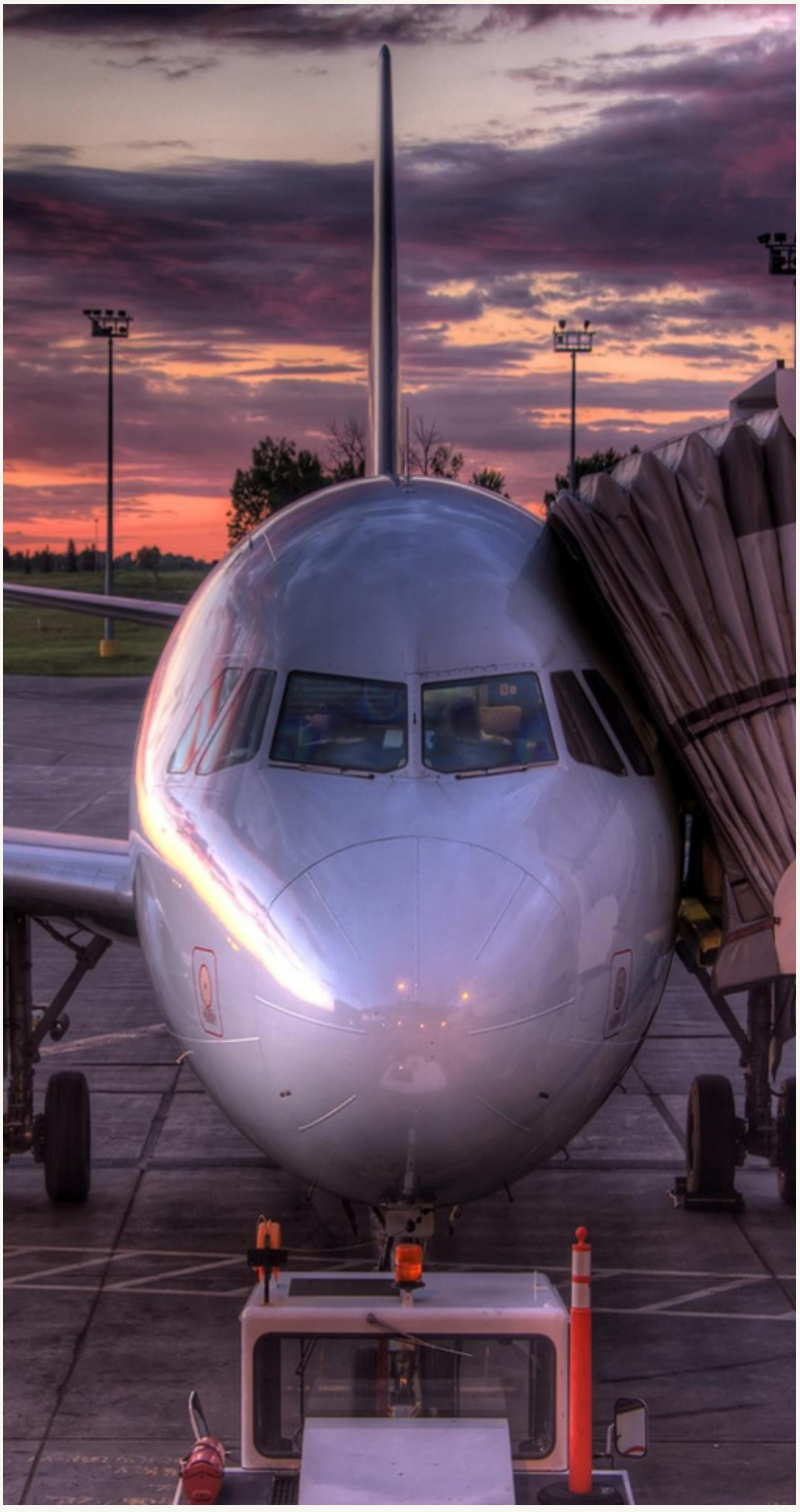
AERO NEWSLETTER

VISION

The Department of Aeronautical Engineering is committed to providing quality education fostering excellence in academics, research and innovation to produce aeronautical engineers who can contribute to society on a global scale.



MISSION

M1: To provide outcome-oriented learning that is based on research and innovation

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M2: To encourage cross-disciplinary learning and interaction with the global community.

M3: To enable a holistic education that is deeply rooted in social values.

SYMPOSIUM- 3-DAY NATIONAL SYMPOSIUM ON IMPACT OF INTERNET OF THINGS ON FUTURE OF AEROSPACE AND DEFENSE SECTORS.

8/1/2020 TO 10/1/2020

THIS EVENT WAS CONDUCTED TO UNDERSTAND AND STRENGTHEN THE CONCEPTS OF IOT AND APPLICATIONS IN THE AEROSPACE AND DEFENCE SECTORS STARTING FROM ITS COMPONENT DESIGN, ANALYSIS, SUPPLY CHAIN SYSTEM, PRODUCTION FOR IMPROVED OUTCOMES OF THESE SECTORS. ULTIMATELY, THE DEBATES AND CONCLUSIONS OF THE SYMPOSIUM WILL PREPARE THE WAY FOR THE DEVELOPMENT OF NEW GUIDELINES FOR THE USE OF IOT IN AEROSPACE AND DEFENCE OUTLINING HOW THESE SECTORS CAN RESPOND TO AND BENEFIT FROM THE COMPLEX AND RAPIDLY CHANGING CHALLENGES IN APPLYING IOT.

GLITZ AND GLAM OF AEROSPACE ENGINEERING

27/02/2020

THE DEPARTMENT OF AERONAUTICAL ENGINEERING. ACHARYA INSTITUTE OF TECHNOLOGY ORGANIZED AN EVENT ENTITLED GLITZ AND GLAM OF AEROSPACE ENGINEERING, ORGANIZED UNDER ITS FORUM UNDER UDAAN ON 27 FEB 2020.

TO INSPIRE THE STUDENTS AND FACULTY MEMBERS THE SIGNIFICANCE OF THE EVENT WAS SUFFICIENTLY COVERED DURING THEIR INTERACTION THROUGH THEIR INDIVIDUAL CONTRIBUTIONS, VAST EXPERIENCE. EDUCATION AND RESEARCH IN THE FIELD OF AEROSPACE ENGINEERING BY INTERNATIONALLY RECOGNIZED PROFESSOR DR. CHANGDUK KONG FROM CHOSUN: UNIVERSITY, SOUTH KOREA AND PROFESSOR DR. DIPAK K MAITI, FROM THE DEPT. OF AEROSPACE ENGINEERING, IIT KHARAGPUR (AN INSTITUTE OF EMINENCE IN THE COUNTRY). A FOCUSED TALK ON OPTIMAL DESIGN OF NATURAL FIBER COMPOSITE STRUCTURE FOR AUTOMOBILE AND AEROSPACE APPLICATION BY PROFESSOR KONG AND ON ADVANCED COMPOSITES AND SMART MATERIALS BY PROFESSOR MAITI JUSTIFIED THE EXCITEMENT THE PURPOSE OF THE MEET

PEO'S

PEO1: EMPLOYABILITY: GRADUATES OF THE PROGRAMME SHALL HAVE THE ABILITIES REQUIRED
FOR EMPLOYMENT IN THE CORE INDUSTRIES, ACADEMIC FIELDS, AND MULTIDISCIPLINARY FIELDS.

PEO2: ADVANCEMENT: GRADUATES OF THE PROGRAMME SHALL HAVE PROFESSIONAL ADVANCEMENT IN THE MANAGEMENT, ENTREPRENEURSHIP AND INDUSTRIES.

PEO3: CONTRIBUTION: GRADUATES OF THE PROGRAMME SHALL HAVE CREATIVE IDEAS AND THE
POTENTIAL TO SUPPORT THE AVIATION INDUSTRY NEEDS.

PEO4: LIFELONG LEARNING: GRADUATES OF THE PROGRAMME SHALL HAVE A NEVER-ENDING
DESIRE TO LEARN AND BE ABLE TO ADAPT NEW TECHNOLOGY DEVELOPMENTS TO THE NEEDS OF
CHANGING INDUSTRIAL ENVIRONMENTS.

PSO'S

1. THE ABILITY TO APPLY AERONAUTICAL ENGINEERING FUNDAMENTALS IN THE SPHERE OF INDUSTRIES SUCH
AS AEROSPACE.

2. THE ABILITY TO TRANSLATE NUMERICAL AND EXPERIMENTAL RESULTS FOR PROPULSION SYSTEMS,

STRUCTURAL COMPONENTS, FLIGHT VEHICLE AERODYNAMICS, AND CONTROL SYSTEMS.

3. THE ABILITY TO ADVANCE IN THE CHOSEN FIELD.

4. THE ABILITY TO BROADEN THE SCOPE OF LEARNING TO INCLUDE SOCIALLY RELEVANT ACTIVITIES.