



Announcement APSCO-SUPARCO Distance Training Course 2020 For APSCO Members States

“Space Debris: Challenges & Mitigation Techniques”

The Secretariat of APSCO and the Pakistan Space and Upper Atmosphere Research Commission (SUPARCO), are planning to jointly organize the distance training course on "Space Debris: Challenges and Mitigation Techniques", during Jun 22-26, 2020.



In this regard, APSCO Secretariat is inviting applications from APSCO Members State. Interested applicants can apply through the focal agencies of Members States. Details of the distance course are given below:

COURSE INFORMATION

Title:	Space Debris: Challenges and Mitigation Techniques				
	2 lectures, 4 sessions (each session 1.5 hours)				
Duration	Start Date:	22 Jun 2020		End Date:	26 Jun 2020
	Hours:	6	Days:	04	Weeks:
Level	Basic:	Yes	Intermediate:		Advance:
Application Deadline	Jun 17, 2020 “APSCO only accepts applications which are nominated by focal Agencies of the Member States”				
Pre-requisites:	The course is designed for; Engineers / Scientists / Managerial persons & University Students working / intend to work / have interest in the areas of Space debris - challenges and mitigation techniques.				
Abstract:	Space debris is any human made object in orbit that no longer serves a useful purpose, including expire satellites, discarded equipment and rocket stages and fragment from the breakup of satellites and rocket stages. It is a great concern because due to its very high speed in orbit even relatively small pieces can damage or destroy satellites in a collision. Since debris at high altitudes can stay in orbit for decades or longer, it accumulates as more is produced and the risk of collision with satellites grows. Since there is currently no effective way to remove large amount of debris from orbits, controlling the production of debris is essential for preserving the long-term use of space, in this workshop main causes of space debris, its challenges and mitigation techniques are discussed.				
Contents:	<ul style="list-style-type: none"> ▪ Introduction to Space Debris Environment ▪ History of Space Debris ▪ Space Debris Tracking and Cataloging ▪ Space Debris Challenges ▪ Designing for the Debris Environment ▪ Space Debris Mitigation Techniques 				
Learning Outcomes:	<ul style="list-style-type: none"> ▪ Develop a knowhow of space debris environment ▪ Have an understanding of space debris challenges & mitigation techniques 				
Online or Offline	online				
Assessment (Oral/Examination)	Quiz				

LIST OF FOCAL AGENCIES

Country	Related Agencies
Bangladesh	Bangladesh Space Research and Remote Sensing Organization SPARRSO
China	China National Space Administration CNSA
Iran	Iranian Space Agency ISA
Mongolia	Communication and Information Technology Authority CITA
Pakistan	Pakistan Space & Upper Atmosphere Research Commission SUPARCO
Peru	Space Agency of Peru CONIDA
Thailand	Office of the National Digital Economy and Society Commission, Ministry of Digital Economy and Society MDE
Turkey	Space Technologies Research Institute, TÜBİTAK UZAY
Egypt	National Authority for Remote Sensing & Space Sciences NARSS
Indonesia	National Institute of Aeronautics and Space of Indonesia LAPAN
Mexico	Mexican Space Agency AEM

Contact Information: victorvanini@apsco.int