S.#	CPD Title	CPD Category Type	Location	Date	Collaboration	Name of the Resource Person	CPD Credit Points
	CPD Activities Calendar for the Year 2021						
	PEB Name:		**Institute of Space Technology, Islamabad**				
	PEB Reg #		**PEB-F-ISTISB-0006**				
	Name of PEB Cordinator		**Mr. Muhammad Arshad, Manager**				
1	ICUBE-N: An Opportunity for Pakistani students to be a part of CubeSat Project	C	Institute of Space Technology, Islamabad	23-Jan-21	-	Dr. Rehan Mahmood	0.5
2	Workshop on Computational Fluid Dynamics in Turbomachinery	C	Institute of Space Technology, Islamabad	27-Jan-21	-	Dr. Talha Irfan Khan	1
3	Women Empowerment	C	Institute of Space Technology, Islamabad	2-Feb-21	-	Bushra Ahmad, Self Defense Instructor, NUST	1
4	Using data analytics for system modeling, diagnosis and prognosis - a story telling approach (A case of Wheat support price and output)	C	Institute of Space Technology, Islamabad	15-Feb-21	-	Faran Mahmood	1
5	Introduction to Advance Fracture Mechanics	C	Institute of Space Technology, Islamabad	15-17 Feb-21	-	Dr. Fahim Hashmi Dr. Syed Wilayat Hussain	1
6	Hands on Deep Machine Learning & AI	C	Institute of Space Technology, Islamabad	15,16 Feb-21	-	Dr. Khurram Khurshid, Dr. Farrukh Aziz Bhatti, Dr. Abdur Rahman Maud, Engr. Muhammad Asad	1
7	Thermodynamics & its applications	C	Institute of Space Technology, Islamabad	16-Feb-21	-	Dr Wilayat	1
8	Modeling of Microwave Devices and Circuits	C	Institute of Space Technology, Islamabad	Feb-2021	-	Mr.Irfan Majid and Dr. Muhammad Amin	1
9	AI and Machine Learning for beyond 5G Wireless Networks	C	Institute of Space Technology, Islamabad	22-Feb-21	-	Dr. Aamir Habib	1
10	Web Development Workshop - A market exposure at basic level	C	Institute of Space Technology, Islamabad	25-26 Feb-21	-	Waseem Ahmed Mughal, Senior Programmer, Datum Square, Lahore	1
11	Applications of Remote Sensing (RS) and Geographic Information System (GIS) in Hydrology	C	Institute of Space Technology, Islamabad	4-6 Mar-21	-	Dr. Mujtaba Hassan, Dr. Waqas Qazi, Dr. Hammad Gilani	1
12	Advanced Deep Machine Learning - Hands on using Python	C	Institute of Space Technology, Islamabad	8-10, Mar-21	-	Dr. Khurram Khurshid, Dr. Abdur Rahman Maud, Engr. Muhammad Asad	1
13	Manage Projects Technically	C	Institute of Space Technology, Islamabad	9-Mar-21	-	Dr. Osama Qazi	1
14	Ansys Workbench Mechanical , Structural and Thermal Analysis	C	Institute of Space Technology, Islamabad	9-12 March, 2021	-	Dr Abdul Munem khan, Dr Iqbal Rasool Menon , Asim Shahzad, Moaqir Ahmed Mian	1
15	Mobile Application Development using Flutter with Hands-On	C	Institute of Space Technology, Islamabad	12-13 Mar-21	-	Mr. Umar Naseer	1

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16	Instrumentation & Data Acquisition for Experimental Modal Analysis	C	Institute of Space Technology, Islamabad	Mid-Mar-2021 (2 Days)	-	Dr. Muhammad Umer	1
17	Occupational Health and Safety (OHS)	C	Institute of Space Technology, Islamabad	24-25 Mar-21	-	Dr. Abdul Wadood	1
18	Workshop on introduction to Android Mobile Application development	C	Institute of Space Technology, Islamabad	25-26 Mar-21	-	Atiq ur Rehman, Former Android Developer Broad peak	1
19	Industrial Failures – Analysis & Prevention	C	Institute of Space Technology, Islamabad	29 Mar - 2 Apr-21	-	Dr. Fahim Hashmi Dr. Syed Wilayat Hussain	1
20	Thermal Spray Coatings Cold Spray, HVOF and APS	C	Institute of Space Technology, Islamabad	5-6 Apr-21	-	Dr M Yasir	1
21	Solid Works	C	Institute of Space Technology, Islamabad	6-9 April, 21	-	Asim Shahzad, Muhammad Umar , Moaqir Ahmed Mian	1
22	Professional Research Paper Drafting using Latex	C	Institute of Space Technology, Islamabad	Any Saturday in April, 2021	-	Dr. Fazli Subhan	1
23	Role of Project Management in IT industry	C	Institute of Space Technology, Islamabad	29-30 Apr-21	-	M. Usama Munir, Project coordinator, MTBC	1
24	How to get job with low GPA	C	Institute of Space Technology, Islamabad	Apr-21	-	Izhar Kazmi	0.5
25	2-Day Training on CNC Programming & Machining	C	Institute of Space Technology, Islamabad	Early May-2021 (2 Days)	-	Dr. Owaisur Rahman Shah/ Mr. Ghulam Abbas	1
26	Condition Monitoring & Structural Integrity of Turbo-Machinery	C	Institute of Space Technology, Islamabad	Mid-May-2021 (2 Days)	-	Dr. Owaisur Rahman Shah/ Dr. Muhammad Umer	1
27	Workshop on Manufacturing and Processing of Advanced Composite Materials	C	Institute of Space Technology, Islamabad	12-14 May-21	-	Dr. Zaffar M. Khan	1
28	Design and Development of Cyber Secure Cloud Computing Framework	C	Institute of Space Technology, Islamabad	Mid of May-2021 (one day)	-	Dr. Syed Nasir Mehmood Shah	1
29	Aerospace Materials	C	Institute of Space Technology, Islamabad	17-18 May-21	-	Dr Anjum	1
30	Fortran For engineers	C	Institute of Space Technology, Islamabad	25-27 May, 21	-	Dr. Hossain Raza Hamdani, Asim Shahzad, Muhammad umar	1
31	Electrochemistry and biomaterials	C	Institute of Space Technology, Islamabad	26-27 May-21	-	Dr. Atique	1
32	Workshop on Android Mobile Application development - Advance Level	C	Institute of Space Technology, Islamabad	27-May-21	-	Atiq ur Rehman, Former Android Developer Broad peak	1
33	Satellite Optical Remote Sensing Image Analysis and Mapping with R	C	Institute of Space Technology, Islamabad	May / June 2021	-	Dr. Hammad Gillani	1
34	Cold Spray Coatings	C	Institute of Space Technology, Islamabad	1-2 Jun-21	-	Dr Yasir	1
35	Thermal analysis of materials	C	Institute of Space Technology, Islamabad	15-16 Jun-21	-	Dr. Saima Shabbir	1

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36	Practical Control System Design using MATLAB: A structured H-infinity Approach	C	Institute of Space Technology, Islamabad	16-18 Jun-21	-	Dr. Farooq Haydar	1
37	Hands-on training on Computer Networking	C	Institute of Space Technology, Islamabad	Mid of Jun-2021	-	Abdul Qadeer	1
38	Embedded System	C	Institute of Space Technology, Islamabad	24-Jun-21	-	Maqsood Ahmed, AKSA-Islamabad	1
39	Happiness and fullfilment	C	Institute of Space Technology, Islamabad	Jun-21	-	Izhar Kazmi	0.5
40	Fundamentals & Application of CFD in Multiphase flow and Phase change materials	C	Institute of Space Technology, Islamabad	5-6 Jul-21	-	Dr. Talha Irfan Khan/ Dr. Muhammad Anwar	1
41	Characterization of Damage in Composite Materials & Numerical Modelling Techniques	C	Institute of Space Technology, Islamabad	Mid-Jul-2021 (2 Days)	-	Dr. Owaisur Rahman Shah/ Dr. Muhammad Umer	1
42	Summer School on Earth Remote Sensing with Synthetic Aperture Radar (SAR)	C	Institute of Space Technology, Islamabad	Jul-Aug-2021	-	Dr. Waqas A. Qazi	1
43	Fundamentals & Application of CFD in Turbomachinery and Heat Transfer	C	Institute of Space Technology, Islamabad	2-3 Aug-21	-	Dr. Talha Irfan Khan/ Dr. Muhammad Anwar	1
44	Database Designing and Query Writing	C	Institute of Space Technology, Islamabad	First week of August-2021 2 Days	-	Dr. Altaf Hussain	1
45	Advanced Composite Design and Analysis	C	Institute of Space Technology, Islamabad	10-12 Aug-21	-	Dr. Zaffar M. Khan	1
46	ANSYS Fluent	C	Institute of Space Technology, Islamabad	24-26 Aug, 21	-	Asim Shahzad, Moaqir Ahmed Mian	1
47	Industrial Corrosion – Monitoring & Prevention	C	Institute of Space Technology, Islamabad	30 Aug - 01 Sep-21	-	Dr. Fahim Hashmi Dr. Syed Wilayat Hussain	1
48	Emerging trends in local airline industry	C	Institute of Space Technology, Islamabad	Aug-21	-	Lect. Nadeem	1
49	Beyond the Bubble' A Career Counseling Session for Graduating Students	C	Institute of Space Technology, Islamabad	15-Sep-21	-	Dr. Usama Qazi	1
50	Python for Everybody	C	Institute of Space Technology, Islamabad	20 -22 Sept-21	-	Engr. Muhammad Asad	0.5
51	Destructive and Non-destructive Testing of Materials	C	Institute of Space Technology, Islamabad	22-23 Sep-21	-	Dr. Abdul Wadood	1
52	ICEM	C	Institute of Space Technology, Islamabad	25-30 Sep-21	-	Asim Shahzad, Moaqir Ahmed Mian	1
53	Becoming a good muslim an engineering approach	C	Institute of Space Technology, Islamabad	Sep-21	-	Muhammad Naeem	0.5
54	Components Failure Analysis-Case Studies	C	Institute of Space Technology, Islamabad	11-13 Oct-21	-	Dr. Fahim Hashmi Dr. Syed Wilayat Hussain	1
55	Machine Learning & Data Science Foundations	C	Institute of Space Technology, Islamabad	11-13 Oct-21	-	Engr. Muhammad Asad	1

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56	Ashby Approach of Materials Selection and Taguchi design of experiment approach.	C	Institute of Space Technology, Islamabad	27-28 Oct-21	-	Dr. Atique	1
57	Locally made gas turbines for UAVs	C	Institute of Space Technology, Islamabad	Oct-21	-	Guest Speaker, lect. Nadeem	1
58	Multiscale Modeling and Simulations: MD and CFD Simulations for Fluid Flow	C	Institute of Space Technology, Islamabad	2-Nov-21	-	Dr. Talha Irfan Khan/ Dr. Muhammad Anwar	1
59	Characterization Techniques	C	Institute of Space Technology, Islamabad	16-17 Nov-21	-	Dr Anjum	1
60	Recent Trends in Additive Manufacturing	C	Institute of Space Technology, Islamabad	06-08 Dec-21	-	Dr. Fahim Hashmi Dr. Syed Wilayat Hussain	1
61	Workshop on Energetic Materials	C	Institute of Space Technology, Islamabad	14-16 Dec-21	-	Dr. Zaffar M. Khan	1
62	Workshop on Composite Materials	C	Institute of Space Technology, Islamabad	29-Dec-21	-	Dr. Ibrar	1