

## CPD Activities Calendar for the Year 2020-21

<b>PEB Name</b>	<b>College of Aeronautical Engineering, (NUST)</b>
<b>PEB License # :</b>	<b>PEB-K-CAERSP-0039</b>
<b>Name of PEB Coordinator:</b>	<b>PROF MUHAMMAD IRFAN AZIZ (0323-9413821)</b>
<b>PEB Agency</b>	<b>PCE Department, CAE (NUST)</b>
<b>Location</b>	<b>Risalpur, Nowshera, KPK</b>
<b>PEB Collaboration</b>	<b>PCE Dept with Aerospace, Avionics, Humanities &amp; Sciences, Industrial Engineering departments, Students Space Research Lab (SSRL) and PEC</b>

<b>S. No</b>	<b>CPD Title</b>	<b>CPD Category</b>	<b>Duration</b>	<b>Dates</b>	<b>Collaboration</b>	<b>Resource Person</b>	<b>CPD Credit Points</b>	<b>Fee (Rs)</b>
1	Electrical Circuits and Machine Fundamentals	Category "c" (Short Course)	3 Days	06-08 Jan 20	CAE, NUST and DES	Dr Jehanzeb Burki	1	Rs 10,000/- (per Participant)
2	Project Management	Category "c" (Short Course)	3 Days	13-15 Jan 20	CAE, NUST and DES	Asstt Prof M Ahmed	1	Rs 10,000/- (per Participant)
3	Jet Engine Performance and Design Course	Category "c" (Short Course)	3 Days	15-17 Jan 20	CAE, NUST and DES	Dr Syed Irteza	1	Rs 10,000/- (per Participant)
4	Quality Control Course	Category "c" (Short Course)	03 Wks	20 Jan – 7 Feb 20	CAE, NUST and Dte of QC	Prof M Irfan Aziz	1	Rs 50,000/- (per Participant)
5	Certification of Reverse Engineered Products	Category "c" (Short Course)	3 Days	10-12 Feb 2020	CAE, NUST and PACA	Prof M Irfan Aziz	1	Rs 20,000/- (per Participant)
6	Rocket Propulsion for Ballistic Systems	Category "c" (Short Course)	3 Days	10-12 Feb 20	CAE, NUST and DES	Asstt Prof M Ahmed	1	for PAF only
7	Senior Engineering Officer (Electronics)	Category "c" (Short Course)	02 Wks	10-21 Feb 2020	CAE, NUST and DES	Prof M Irfan Aziz	1	for PAF only

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8	Primary Professional Training (PPT) for fresh graduates	Category "c" (Short Course)	06 Wks	19-Feb To 20-Mar-20	CAE, NUST and DES	Prof M Irfan Aziz	1	for PAF only
9	Structural Health Monitoring	Category "c" (Short Course)	3 Days	24- 26 Feb-20	CAE, NUST and DES	Dr Syed Irteza	1	Rs 6,000/- (per Participant)
10	Advance Design Methods	Category "c" (Short Course)	3 Days	2-4 Mar-20	CAE, NUST and DES	Dr Syed Irteza	1	Rs 6,000/- (per Participant)
11	Senior Engineering Management (SEM) Course (Phase I)	Category "c" (Short Course)	02 Wks	09 – 20 March 2020	CAE, NUST and DES	Prof M Irfan Aziz	1	for PAF only
12	Fundamentals of Weapon Engineering	Category "c" (Short Course)	02 Wks	30 March to 10 Apr 2020	CAE, NUST and Dte of Mun	Prof M Irfan Aziz	1	for PAF only
13	Introduction to CAD/CAM	Category "c" (Short Course)	3 Days	1-3 Jun-20	CAE, NUST and DES	Dr Syed Irteza	1	Rs 15,000/- (per Participant)
14	Senior Engineering Management (SEM) Course (Phase II)	Category "c" (Short Course)	02 Wks	08-19 Jun-20	CAE, NUST and DES	Prof M Irfan Aziz	1	for PAF only
15	Advanced Radar Signal Processing	Category "c" (Short Course)	3 Days	06-08 Jul 2020	CAE, NUST and DES	Dr Jehanzeb Burki	1	Rs 10,000/- (per Participant)
16	Flight Line Management (FLM)	Category "c" (Short Course)	02 Wks	13-24 Jul 2020	CAE, NUST and DES	Prof M Irfan Aziz	1	for PAF only
17	System Engineering Principles	Category "c" (Short Course)	3 Days	20-22 Jul 2020	CAE, NUST and DES	Asstt Prof M Ahmed	1	Rs 10,000/- (per Participant)
18	Jet Engine Performance and Design	Category "c" (Short Course)	3 Days	03-05 Aug 2020	CAE, NUST and DES	Dr Syed Irteza	1	Rs 10,000/- (per Participant)
19	Fundamentals of Space Technology	Category "c" (Short Course)	3 Days	10-12 Aug 2020	CAE and Dte of Space	Dr Syed Irteza	1	for PAF only
20	Primary Professional Training	Category "c" (Short Course)	06 Wks	10 Aug to 18 Sep 2020	CAE, NUST and DES	Prof M Irfan Aziz	1	for PAF only

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21	Advanced Computing Architectures	Category "c" (Short Course)	3 Days	17-19 Aug 2020	CAE, NUST and DES	Dr Jehanzeb Burki	1	Rs 10,000/- (per Participant)
22	Fundamentals of Airworthiness Certification	Category "c" (Short Course)	3 Days	24-26 Aug 2020	CAE, NUST and PACA	Prof M Irfan Aziz	1	Rs 20,000/- (per Participant)
23	Application of Software Defined Radios	Category "c" (Short Course)	3 Days	02-04 Sep 2020	CAE, NUST and DES	Dr Jehanzeb Burki	1	Rs 10,000/- (per Participant)
24	Structural Health Monitoring	Category "c" (Short Course)	3 Days	07-09 Sep 2020	CAE, NUST and DES	Dr Syed Irteza	1	Rs 10,000/- (per Participant)
25	Introduction to AESA Radar	Category "c" (Short Course)	3 Days	14-16 Sep 2020	CAE, NUST and DES	Dr Jehanzeb Burki	1	Rs 10,000/- (per Participant)
26	Senior Engineering Management (SEM) Course (Phase I)	Category "c" (Short Course)	02 Wks	21 Sep to 02 Oct 2020	CAE, NUST and DES	Prof M Irfan Aziz	1	for PAF only
27	Numerical Optimization Techniques for Engineers	Category "c" (Short Course)	3 Days	21-23 Sep 2020	CAE, NUST and DES	Dr Hamid M Khan	1	Rs 10,000/- (per Participant)
28	Fundamentals of Weapon Engineering	Category "c" (Short Course)	02 Wks	21 Sep to 02 Oct 2020	CAE, NUST and Dte of Mun	Prof M Irfan Aziz	1	for PAF only
29	Senior Engineering Officer (Electronics)	Category "c" (Short Course)	02 Wks	19-30 Oct 2020	CAE, NUST and DES	Prof M Irfan Aziz	1	for PAF only
30	Aeromechanical Qualification and Integration of Airborne Systems/Stores	Category "c" (Short Course)	3 Days	19-21 Oct 2020	CAE, NUST and PACA	Prof M Irfan Aziz	1	Rs 20,000/- (per Participant)
31	Space Situational Awareness Course (SSA)	Category "c" (Short Course)	3 Days	26-28 Oct 2020	CAE, NUST and Dte of Space	Dr Syed Irteza	1	for PAF only

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32	JCOs Maintenance Management	Category "c" (Short Course)	04 Wks	02-27 Nov 2020	CAE, NUST and DES	Prof M Irfan Aziz	1	Rs 20,000/- (per Participant)
33	Microwave Circuit Design	Category "c" (Short Course)	3 Days	02-04 Nov 2020	CAE, NUST and DES	Dr Jehanzeb Burki	1	Rs 10,000/- (per Participant)
34	Senior Engineering Management (SEM) Course (Phase II)	Category "c" (Short Course)	02 Wks	02-13 Nov 2020	CAE, NUST and DES	Prof M Irfan Aziz	1	for PAF only
35	Introduction to Dynamics and Automatic Control of Flight Course	Category "c" (Short Course)	3 Days	09-11 Nov 2020	CAE, NUST and DES	Dr Syed Irteza	1	Rs 10,000/- (per Participant)
36	Electromagnetic Interference and Compatibility for Airborne Systems	Category "c" (Short Course)	3 Days	23-25 Nov 2020	CAE, NUST and PACA	Prof M Irfan Aziz	1	Rs 20,000/- (per Participant)
37	Advance Design Methods	Category "c" (Short Course)	3 Days	30 Nov to 02 Dec 2020	CAE, NUST and DES	Dr Syed Irteza	1	Rs 10,000/- (per Participant)
38	Flight Line Management Course (FLMC)	Category "c" (Short Course)	02 Wks	30 Nov to 11 Dec 2020	CAE, NUST and DES	Prof M Irfan Aziz	1	for PAF only
39	Advanced Airworthiness Concepts	Category "c" (Short Course)	3 Days	14-16 Dec 2020	CAE, NUST and PACA	Prof M Irfan Aziz	1	Rs 20,000/- (per Participant)
40	Fatigue, Fracture & Material Failure Analysis	Category "c" (Short Course)	3 Days	14-16 Dec 2020	CAE, NUST and DES	Dr Syed Irteza	1	Rs 10,000/- (per Participant)
41	Senior Engineering Officer (Elect) Course	Category "c" (Short Course)	02 Wks	21 Dec, 20 to 01 Jan 2021	CAE, NUST and DES	Prof M Irfan Aziz	1	for PAF only
42	Advanced Design Methods	Category "c" (Short Course)	3 Days	06-08 Jan 2021	CAE, NUST and DES	Dr Syed Irteza	1	Rs 10,000/- (per Participant)

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43	Avionics System Integration	Category "c" (Short Course)	3 Days	11-13 Jan 2021	CAE, NUST and DES	Dr Jehanzeb Burki	1	Rs 10,000/- (per Participant)
44	Quality Control course for Officers	Category "c" (Short Course)	03 Wks	11-29 Jan 2021	CAE, NUST and Dte of QC	Prof M Irfan Aziz	1	Rs 50,000/- (per Participant)
45	Project Management Course	Category "c" (Short Course)	3 Days	11-13 Jan 2021	CAE, NUST and DES	Asstt Prof M Ahmed	1	Rs 10,000/- (per Participant)
46	Application of Laplace Transformation in Engineering	Category "c" (Short Course)	3 Days	18-20 Jan 2021	CAE, NUST and DES	Dr Hamid M Khan	1	Rs 10,000/- (per Participant)
47	Information Security Fundamentals	Category "c" (Short Course)	3 Days	25-27 Jan 2021	CAE, NUST and DES	Dr Jehanzeb Burki	1	Rs 10,000/- (per Participant)
48	Rocket Propulsion for Ballistic System	Category "c" (Short Course)	3 Days	01-03 Feb 2021	CAE and Dte of Space	Dr Syed Irteza	1	for PAF only
49	Certification of Reverse Engineered Products	Category "c" (Short Course)	3 Days	01-03 Feb 2021	CAE, NUST and PACA	Prof M Irfan Aziz	1	Rs 20,000/- (per Participant)
50	Structural Health Monitoring	Category "c" (Short Course)	3 Days	08-10 Feb 2021	CAE, NUST and DES	Dr Syed Irteza	1	Rs 10,000/- (per Participant)
51	Primary Professional Training (PPT) Course	Category "c" (Short Course)	06 Wks	08 Feb to 19 Mar 2021	CAE, NUST and DES	Prof M Irfan Aziz	1	for PAF only
52	Space Mission Analysis & Design	Category "c" (Short Course)	3 Days	15-17 Feb 2021	CAE and Dte of Space	Dr Syed Irteza	1	for PAF only
53	Flight Dynamics of Control	Category "c" (Short Course)	3 Days	22-24 Feb 2021	CAE, NUST and DES	Dr Jehanzeb Burki	1	As above
54	Jet Engine Performance and Design	Category "c" (Short Course)	3 Days	01-03 March 2021	CAE, NUST and DES	Dr Syed Irteza	1	Rs 10,000/- (per Participant)

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55	Antenna Design	Category "c" (Short Course)	3 Days	08-10 March 2021	CAE, NUST and DES	Dr Jehanzeb Burki	1	Rs 10,000/- (per Participant)
56	Environmental Stress Screening for Certification of Airborne Systems	Category "c" (Short Course)	3 Days	24-26 March 2021	CAE, NUST and PACA	Prof M Irfan Aziz	1	Rs 20,000/- (per Participant)
57	Fundamentals of Weapon Engineering	Category "c" (Short Course)	02 Wks	22 Mar to 04 Apr 2021	CAE, NUST and Dte of Mun	Prof M Irfan Aziz	1	for PAF only
58	No 28 Senior Engineering Management (SEM) Course (Phase I)	Category "c" (Short Course)	02 Wks	29 Mar to 09 Apr 2021	CAE, NUST and DES	Prof M Irfan Aziz	1	for PAF only
59	Introduction to CAD/CAM	Category "c" (Short Course)	3 Days	24-26 May 2021	CAE, NUST and DES	Dr Syed Irteza	1	Rs 10,000/- (per Participant)
60	Senior Engineering Management (SEM) Course (Phase II)	Category "c" (Short Course)	02 Wks	24 May to 04 June 2021	CAE, NUST and DES	Prof M Irfan Aziz	1	for PAF only
61	JCOs Maintenance Management	Category "c" (Short Course)	04 Wks	31 May to 25 June 2021	CAE, NUST and DES	Prof M Irfan Aziz	1	Rs 20,000/- (per Participant)
62	Fatigue, Fracture & Material Failure Analysis	Category "c" (Short Course)	3 Days	07-09 June 2021	CAE, NUST and DES	Dr Syed Irteza	1	Rs 10,000/- (per Participant)

**(Prof M IRFAN AZIZ)**  
Wing Commander  
Professor & Head of PCE Dept,  
PEB Coordinator, CAE (NUST)  
PAF Academy, Asghar Khan