

Appendix-A

Format of CPD Yearly Calendar by PEBs

CPD Activities Calendar for the year 2019							
PEB Name:		NUST					
PEB Reg. #		PEB – F – NUSTIS – 0011					
Name of PEB Coordinator:		Mr. Waleed Noor Malik					
Sr. #	CPD Title	CPD Category - Type	Location	Date	Collaboration	Recourse Person	CPD Credit Points
1	Electrical Circuit and Machine Fundamentals	Category "c" (Short Course)	CAE, Risalpur	7-Jan-19 To 11-Jan-19	CAE, NUST and PEC	Dr Liaqat Ali Khan	1
2	Quality Control	Category "c" (Short Course)	CAE, Risalpur	14-Jan-19 To 1-Feb-19	CAE, NUST and PEC	Prof M Irfan Aziz	1
3	Space Mission Analysis and Design	Category "c" (Short Course)	CAE, Risalpur	28-Jan-19 To 30-Jan-19	CAE, NUST and PEC	Dr Ali Sarosh	1
4	Project Management	Category "c" (Short Course)	CAE, Risalpur	4-Feb-19 To 8-Feb-19	CAE, NUST and PEC	Dr Ali Sarosh	1
5	Primary Professional Training (for fresh graduates)	Category "c" (Short Course)	CAE, Risalpur	11-Feb-19 To 20-Mar-18	CAE, NUST and PEC	Prof M Irfan Aziz	1
6	EM Modelling and Microwave System Design	Category "c" (Short Course)	CAE, Risalpur	11-Feb-19 To 15-Feb-19	CAE, NUST and PEC	Dr Liaqat Ali Khan	1
7	Advance Design Methods	Category "c" (Short Course)	CAE, Risalpur	25-Feb-19 To 27-Feb-19	CAE, NUST and PEC	Dr Syed Irteza	1
8	Fatigue, Fracture and Material Failure Analysis	Category "c" (Short Course)	CAE, Risalpur	4-Mar-19 To 6-Mar-19	CAE, NUST and PEC	Dr Syed Irteza	1
9	Rocket Propulsion for Ballistic Systems	Category "c" (Short Course)	CAE, Risalpur	11-Mar-19 To 13-Mar-19	CAE, NUST and PEC	Dr Ali Sarosh	1

10	Fundamentals of Weapon Engineering	Category "c" (Short Course)	CAE, Risalpur	22-Apr-19 To 3-May-19	CAE, NUST and PEC	Prof M Irfan Aziz	1
11	Structural Health Monitoring	Category "c" (Short Course)	CAE, Risalpur	29-Apr-19 To 2-May-19	CAE, NUST and PEC	Dr Syed Irteza	1
12	Jet Engine Performance and Design Course	Category "c" (Short Course)	CAE, Risalpur	12-Jun-19 To 14-Jun-19	CAE, NUST and PEC	Dr Syed Irteza	1
13	Senior Engineering Management (SEM) Course	Category "c" (Short Course)	CAE, Risalpur	17-Jun-19 To 12-Jul-19	CAE, NUST and PEC	Prof M Irfan Aziz	1
14	Weapon Squadron Management	Category "c" (Short Course)	CAE, Risalpur	8-Jul-19 To 19-Jul-19	CAE, NUST and PEC	Prof M Irfan Aziz	1
15	Advance Radar Signal Processing	Category "c" (Short Course)	CAE, Risalpur	22-Jul-19 To 24-Jul-19	CAE, NUST and PEC	Dr Liaqat Ali Khan	1
16	Aerospace Flight Line Management Course	Category "c" (Short Course)	CAE, Risalpur	22-Jul-19 To 2-Aug-19	CAE, NUST and PEC	Prof M Irfan Aziz	1
17	System Engineering Principles Course	Category "c" (Short Course)	CAE, Risalpur	5-Aug-19 To 7-Aug-19	CAE, NUST and PEC	Dr Ali Sarosh	1
18	Jet Engine Performance and Design Course	Category "c" (Short Course)	CAE, Risalpur	7-Aug-19 To 9-Aug-19	CAE, NUST and PEC	Dr Syed Irteza	1
19	Primary Professional Training (PPT) for fresh graduates	Category "c" (Short Course)	CAE, Risalpur	19-Aug-19 To 27-Sep-19	CAE, NUST and PEC	Prof M Irfan Aziz	1
20	Fundamentals of Space Technology	Category "c" (Short Course)	CAE, Risalpur	19-Aug-19 To 21-Aug-19	CAE, NUST and PEC	Prof M Irfan Aziz	1
21	Advance Computing Architecture	Category "c" (Short Course)	CAE, Risalpur	26-Aug-19 To 28-Aug-19	CAE, NUST and PEC	Dr Liaqat Ali Khan	1

22	Space Mission Analysis and Design	Category "c" (Short Course)	CAE, Risalpur	7-Oct-19 To 9-Oct-19	CAE, NUST and PEC	Dr Ali Sarosh	1
23	Senior Engineering Officer (Elect) Course	Category "c" (Short Course)	CAE, Risalpur	21-Oct-19 To 1-Nov-19	CAE, NUST and PEC	Prof M Irfan Aziz	1
24	Junior Maintenance Management (JMM) Course	Category "c" (Short Course)	CAE, Risalpur	4-Nov-19 To 29-Nov-19	CAE, NUST and PEC	Prof M Irfan Aziz	1
25	Structural Health Monitoring	Category "c" (Short Course)	CAE, Risalpur	4-Nov-19 To 6-Nov-19	CAE, NUST and PEC	Dr Syed Irteza	1
26	MATLAB Application in Engineering	Category "c" (Short Course)	CAE, Risalpur	11-Nov-19 To 13-Nov-19	CAE, NUST and PEC	Dr Liaqat Ali Khan	1
27	Advance Design Methods	Category "c" (Short Course)	CAE, Risalpur	18-Nov-19 To 20-Nov-19	CAE, NUST and PEC	Dr Syed Irteza	1
28	Introduction to Dynamics and Automatic Control of Flight	Category "c" (Short Course)	CAE, Risalpur	25-Nov-19 To 27-Nov-19	CAE, NUST and PEC	Dr Syed Irteza	1
29	Space Situational Awareness (SSA) Course & Workshop	Category "c" (Short Course)	CAE, Risalpur	2-Dec-19 To 4-Dec-19	CAE, NUST and PEC	Dr Ali Sarosh	1
30	Aerospace Flight Line Management (FLMC)	Category "c" (Short Course)	CAE, Risalpur	2-Dec-19 To 13-Dec-19	CAE, NUST and PEC	Prof M Irfan Aziz	1
31	Introduction to CAD/CAM	Category "c" (Short Course)	CAE, Risalpur	9-Dec-19 To 11-Dec-19	CAE, NUST and PEC	Dr Syed Irteza	1
32	Senior Engineering Officer (Elect) Course	Category "c" (Short Course)	CAE, Risalpur	16-Dec-19 To 27-Dec-19	CAE, NUST and PEC	Prof M Irfan Aziz	1
33	Supply Chain Management for Engineers	Category "c" (Short Course)	CAE, Risalpur	16-Dec-19 To 18-Dec-19	CAE, NUST and PEC	Dr Ali Sarosh	1

34	Fatigue, Fracture and Material Failure Analysis	Category "c" (Short Course)	CAE, Risalpur	30-Dec-19 To 1-Jan-20	CAE, NUST and PEC	Dr Syed Irteza	1
35	Fundamentals of Weapon Engineering	Category "c" (Short Course)	CAE, Risalpur	30-Dec-19 To 10-Jan-20	CAE, NUST and PEC	Prof M Irfan Aziz	1
36	Electrical Circuits and Machine Fundamentals	Category "c" (Short Course)	CAE, Risalpur	6-Jan-20 To 8-Jan-20	CAE, NUST and PEC	Dr Liaqat Ali Khan	1
37	Project Management	Category "c" (Short Course)	CAE, Risalpur	13-Jan-20 To 15-Jan-20	CAE, NUST and PEC	Dr Ali Sarosh	1
38	Jet Engine Performance and Design Course	Category "c" (Short Course)	CAE, Risalpur	15-Jan-20 To 17-Jan-20	CAE, NUST and PEC	Dr Syed Irteza	1
39	Quality Control Course	Category "c" (Short Course)	CAE, Risalpur	20-Jan-20 To 7-Feb-20	CAE, NUST and PEC	Prof M Irfan Aziz	1
40	Rocket Propulsion for Ballistic Systems	Category "c" (Short Course)	CAE, Risalpur	10-Feb-20 To 12-Feb-20	CAE, NUST and PEC	Dr Ali Sarosh	1
41	Primary Professional Training (PPT) for fresh graduates	Category "c" (Short Course)	CAE, Risalpur	10-Feb-20 To 20-Mar-20	CAE, NUST and PEC	Prof M Irfan Aziz	1
42	Structural Health Monitoring	Category "c" (Short Course)	CAE, Risalpur	24-Feb-20 To 26-Feb-20	CAE, NUST and PEC	Dr Syed Irteza	1
43	Advance Design Methods	Category "c" (Short Course)	CAE, Risalpur	2-Mar-20 To 4-Mar-20	CAE, NUST and PEC	Dr Syed Irteza	1
44	Introduction to CAD/CAM	Category "c" (Short Course)	CAE, Risalpur	1-Jun-20 To 3-Jun-20	CAE, NUST and PEC	Dr Syed Irteza	1
45	Senior Engineering Management (SEM) Course	Category "c" (Short Course)	CAE, Risalpur	1-Jun-20 To 26-Jun-20	CAE, NUST and PEC	Prof M Irfan Aziz	1

46	Emerging Issues of Transportation in Pakistan Analysis & Way Forward	Seminar	Military College of Engineering, Risalpur	04 Feb 19		Brig Dr Intikhab Ahmed Qureshi	1
47	Seismic Design of Building	Workshop	Headquarter 494 Engineers Group, Karachi	Feb 19		Lt Col Dr Adeel Zafar	1
48	Supply Chain Management and its Linkage with CPEC	Seminar	Headquarter Engineers 31 Corps, Bahawalpur	25 Feb 19		Maj Dr Rai Waqas Azfar	1
49	Climate Change Adoption and Disaster Risk Reduction	International Conference	Main Office NUST, Islamabad	Feb 19		Maj Dr Naeem Shahzad	1
50	Mineral Dev for Growth	Workshop	Headquarter Engineers 31 Corps, Bahawalpur	Mar 19		Lt Col Dr Hamid Ashraf Yousafzai	1
51	Sustainable Urban Transportation	Workshop	Military College of Engineering, Risalpur	Mar 19		Col Dr Muhammad Irfan	1

52	Road Safety Issues of Pakistan	Workshop	477 Army Survey Group Engineers, Rawalpindi	Apr 19		Lt Col Dr Anwaar Ahmed	1
53	Structural Design Philosophy	Workshop	Military College of Engineering, Risalpur	Jul/ Aug		Asst Prof Dr Shahid Siddique	1
54	Use of Software in Geotech Design	Workshop	Military College of Engineering, Risalpur	Aug 19		Col Dr Kamran Akhtar	1
55	Water Management of Flood Control	Workshop	Headquarter Engineers 4 Corps, Lahore	Aug 19		Lt Col Dr Irfan Abid	1
56	Transportation Aspects of CPEC	Seminar	Military College of Engineering, Risalpur	Sep 19		Col Dr Muhammad Bilal Khurshid	Seminar
57	Road Safety Issues of Pakistan	Workshop	Headquarter Engineers 4 Corps, Lahore	Sep 19		Lt Col Dr Anwaar Ahmed	Workshop
58	Seismicity and Seismic Performance of Buildings	Seminar	Headquarter Engineers 4 Corps, Lahore	Oct/Nov 19		Maj Dr Muhammad Rizwan	Seminar

59	Supply Chain Management and its Linkage with CPEC	Seminar	Headquarter Engineers 5 Corps, Karachi	Dec 19		Maj Dr Rai Waqas Azfar	Seminar
60	Satellite Communication	C Lecture	MCS NUST	24-Jan-19	NUST	Dr Adil Masood Siddiqui Dr Amer Ahsan Gillani	C Lecture
61	Research Tool	C-Workshop	MCS NUST	27-Feb-19		Dr Yawar Abbas Bangash	C-Workshop
62	Research Paper Writing Using Latex Software	C-Workshop	MCS NUST	06-Mar-19		Dr Muhammad Imran	C-Workshop
63	How to Write Technical Research Paper	C-Workshop	MCS NUST	17-Apr-19		Dr Abdul Rauf	1
64	Blockchain	C-Workshop	MCS NUST	27-Apr-19		Dr Ayesha Maqbool	1
65	An Editor's Perspective of Publishing Quality Research	C-Lecture	MCS NUST	14-May-19		Dr Haider Abbas	0.5
66	Millimeter Wave Technology for Military Application	C-Lecture	MCS NUST	18-May-19		Dr Farooq Ahmed Bhatti	0.5
67	Millimeter Wave Technology for Military Application	C-Lecture	MCS NUST	25-May-19		Dr Farooq Ahmed Bhatti	0.5
68	Cyber Security: Staying safe on the Internet, Social Media and Mobile Phone	C-Workshop	MCS NUST	26-Jun-19		Dr Abdul Rauf	0.5
69	Antenna Design for Mobile	C-Workshop	MCS	30-Jul-19		Dr Zeshan Zahid	1

	Devices		NUST				
70	Climate Change: Challenges, Vulnerabilities and Mitigation Strategies in Pakistan	C-Workshop	MCS NUST	23-Oct-19		Dr Abdul Rauf	1
71	International Workshop on “Sustainable Urban Water Technologies and Construction”	Environmental Engineering	IESE Seminar Hall, NUST	November 27, 2018	Leeds Beckett University, UK	Prof. Chris Gorse, Prof. Ian Strange, Prof. Parneet Paul, Prof. Sher Jamal Khan, Dr. M. Jamaluddin	1
72	Three Days Workshop on Advanced Characterization Techniques for Professionals		SCME, NUST	23rd-25th April 2019		Dr A Q Malik, Dr Tayyaba Noor, Dr Habib Nasir, Dr Iftakhar H. Gul, Dr Khurram yaqoob, Dr Aftab Akram	
73	Workshop on Fuel Processing, Storage and Handling		PDC, NUST	March 2019 tentative		Dr Arshad Hussain, Dr A Q Malik, Dr Tayyaba Noor	
74	Hands-on workshop on Fluid and solid Mechanics with latest trend	Simulation	SMME	April 2019		Dr. Emad / Dr Aamir	1
75	Advance workshop on Fluid and solid Mechanics with latest trend	Simulation	SMME	Nov 2019	-	Dr. Emad/ Dr Aamir	1
76	Manufacturing Standards	Workshop	Attock Cement	Feb 2019	-	Muhammad Naweed Hassan	01

Note: Please refer Annexure-A of PDE Bye-laws 2008 for CPD category and CPD credit points for each activity.

