



Thiagarajar College of Engineering, Madurai - 15
 (A Govt. Aided Autonomous Institution affiliated to Anna University)
 - where Quality and Ethcis matter



NAAC DVV Clarification - 3.3.2

3.3 Innovation Ecosystem

(20)

**Date of
Establishment of IPR
cell**

Year Name of the workshop/ semi Date From – To Link to the Activity report on the website

Workshops/Seminars conducted on Intellectual Property Rights (IPR)			
2017-18	Myths and Realities of R&D a	13.07.2018	http://www.tce.edu/industry-interface/ipr
2017-18	How to file patents?	09.08.2018	http://www.tce.edu/industry-interface/ipr
2017-18	INTELLECTUAL PROPERTY RIG	06.10.2017	http://www.tce.edu/industry-interface/ipr
2017-18	How to Identify the patentabl	15.11.2017 - 6.11.2017	http://www.tce.edu/industry-interface/ipr
Industry-Academia Innovative practices			
2017-18	Current Practices in software engineering	17.03.2018- 18.03.2018	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/2017-18/CurrentPracticeSoftware%20engineering.pdf

2017-18	Designing embedded application with microchip, Demystified	28.03. 2018	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2017-2018/design%20embeded%20applications%20with%20microchip.pdf
2017-18	Internet of Things	30..03.2018 & 31.03.2018	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2017-2018/IOT.pdf
2017-18	Industrial Drives and Automation	24.03.2018 & 25.03.2018	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2017-2018/industrial%20drives%20and%20automation.pdf
2017-18	Mobile Application Test Automation	10-03-2018 to 11-05-2018	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2017-18/2018,%201c%20Mobile%20App%20UI%20Test%20pattern.pdf
2017-18	Augmented Reality	23.3.2018 to 24.3.2018	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2017-18/2018,%201c%20Augmented%20Reality.pdf
2017-18	Virtual Reality Applications in Cognitive Science	28.09.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2016-17/2017,%20Virtual%20Reality%20report-1.pdf

2017-18	Reliability for Mechatronics Systems	20/01/2018, 21/01/2018, 03/02/2018, 04/02/2018	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Mechatronics/2017-18%20Reliability%20Engg_Jan%202018.pdf
2017-18	Embedded Systems and Communication Protocols	21.09.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2017-2018/embedded%20system%20and%20communication%20protocol.pdf
2017-18	Design and Measurement Tools	1.9.2017, 2.9.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/ECE/2016-2017/ECE_2016-17%20Device%20Characterisation.pdf
2017-18	Secure Network Management	29-09-2017, 30-09-2017, 01-10-2017, 02-10-2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2016-17/Activity%20Report%202016-17%20-%20IT.pdf
2017-18	Techniques and Tools in Data Science.	19.8.2017, 29.8.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2016-17/2017,%201c%20Techniques%20and%20Tools%20in%20Data%20Science.pdf

2017-18	Web Services and REST APIs	22.09.17	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2017-18/2017,%20Web%20services%20and%20REST%20APIs.pdf
2017-18	Integrated building management system	08/05/17 & 09/05/2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Mechatronics/2016-2017-Integrated%20Buliding%20Mangement%20Systems.pdf
2017-18	Electro-Magnetic Interference and Compatibility	19/08/17 & 20/08/17	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Mechatronics/2017%20-18%20EMI-EMC.pdf
2017-18	Basics of Application security	15.07.2017-16.07.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/2017-18/Basics%20of%20Application%20Security.PDF
2017-18	Mobile Application Development	19.08.2017-20.08.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/2017-18/Mobile%20Application%20Development.pdf

2017-18	Integrated building management system	08/05/17 & 09/05/2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Mechatronics/2016-2017-Integrated%20Buliding%20Mangement%20Systems.pdf
2017-18	Basics of Application security	15.07.2017-16.07.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/2017-18/Basics%20of%20Application%20Security.PDF
2017-18	Mobile Application Development	19.08.2017-20.08.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/2017-18/Mobile%20Application%20Development.pdf
2016-17	Energy efficient & powerful system design leveraging unique MCU core and peripheral features	30.03.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2016-2017/energy%20efficient%20and%20powerful%20system%20design.pdf
2016-17	Introduction to Microsoft Active Directory Domain Services	21.2.2017, 22.2.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/ECE/2016-2017/Introduction%20to%20Microsoft%20active%20directory.pdf

2016-17	Device Characterization	1.4.2017, 2.4.2017, 8.4.2017,9.4.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/ECE/2016-2017/ECE_2016-17%20Device%20Characterisation.pdf
2016-17	Industrial Instrumentation Present and Future Scenario.	3.3.2017 & 4.3.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2016-2017/industrial%20instrumentation%20present%20%20future.pdf
2016-17	Power Grid Operation	19.11.2017 & 20.11.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/power%20grid%20operation,2017.pdf
2016-17	Solar Power Plant	14.10.2017 & 10.10.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2016-2017/Solar%20power%20plant.pdf
2016-17	Design of Power Supplies	4.03.2017 & 05.03.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2016-2017/design%20of%20power%20supplies.pdf

2016-17	Safety Engineering	4.03.2017 & 05.03.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/safety%20engineering,2016.pdf
2016-17	Malware Analysis	11-03-2017, 12-03-2017, 25-03-2017, 26-03-2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2016-17/2017-2c%20Malware%20Analysis.pdf
2016-17	SPM using MSF and agile scrum methodology	1.4.2017, 2.4.2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2016-17/2017,%201c%20SPM.pdf
2016-17	IoT using OpenCV Platform and Raspberry Pi	22.02.17 to 23.02.17	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2016-
2016-17	Mobile Hydraulics	28/01/2017 & 29/01/2017	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Mechatronics/2016-2017-Mobile-Hydraulics.pdf
2016-17	Basics of Application security	09.09.2016- 10.09.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/2017-18/Basicsof%20Application%20Security.pdf

2016-17	Green Data Center	27.08.2016- 28.08.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/(2016-2017)%20Green%20Data%20Centre.pdf
2016-17	Embedded software development	13.08.2016- 14.08.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/2016-17/EmbeddedvSoftware%20development.pdf
2016-17	Challenges in developing cryogenic rocket engine	31.10.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2016-2017/Challenges%20in%20developing%20cryogenic%20Rocket.pdf
2016-17	Practical approaches to networking	22.10.2016, 23.10.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/ECE/2016-2017/Practical%20approaches%20to%20networking.pdf
2016-17	Smart cities in India –Challeng	10.03.2016 - 11.03.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Arch-SMART-CITY-SYMPOSIUM.pdf
2016-17	Lead Acid Battery Technology	27.08.2016 & 28.08.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2016-2017/Lead%20acid%20battery%20technology.pdf

2016-17	Substation Automation	14.08.2016 & 15.08.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2016-2017/substation%20automation.pdf
2016-17	Solar Power Plant	30.07.2016 & 31.07.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2016-2017/Solar%20power%20plant.pdf
2016-17	Enterprise Mobility	23-07-2016 to 24-07-2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2015-16/2016,%201c%20enterprise%20mobility.pdf
2016-17	Hadoop Eco System Tools	23.7.2016, 24.7.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2016-17/2016,%201c%20hadoop%20eco.pdf
2016-17	Secure Network Management	08-10-2016, 09-10-2016, 10-10-2016, 11-10-2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2016-17/Activity%20Report%202016-17%20-%20IT.pdf
2016-17	Cloud Computing Technologies	Nov 29- Dec 4,2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2016-17/2016,%20Cloud%20Comp%20Tech%20-%20MTG.pdf

2016-17	Precast Technology in Building	27.08.2016 & 28.08.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Civil/JUNE2016-MAY2017.pdf
2016-17	BIA- Practical Valuation	07.08.2016 & 03.09.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Civil/JUNE2016-MAY2017.pdf
2015-16	Safety Engineering	23.01.2016 & 24.01.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/safety%20engineering,2016.pdf
2015-16	Enhancing energy Efficiency in Renewable Energy System.	18.3.2016 to 19.03.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2015-2016/Enhancing%20energy%20efficiency.pdf
2015-16	Industrial Automation	8.01.2016 to 9.01.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2015-2016/Industrial%20automation.pdf
2015-16	Big Data Platform and Technologies	2.4.2016, 3.4.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2015-16/2016,%201c%20IBM%20bigdata.pdf

09.09.2009

2015-16	Interior Design	19.03.2016 & 20.03.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Civil/JUNE2015%20-MAY2016.pdf
2015-16	Green Construction	26.03.2016,27.03.2016, 30.03.2016 & 02.04.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Civil/JUNE2016-MAY2017.pdf
2015-16	Mobile Application Development	19.09.2015- 20.09.2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/2015-16/Mobile%20Application%20Development.pdf
2015-16	Green Data Center	21.08.2015 - 22.08.2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/(2015-2016)%20Green%20Data%20Centre.pdf
2015-16	Signal Processing for Airborne RADAR	08.08.2015, 18.09.2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/ECE/2015-2016/Signal%20Processing%20for%20Airborne%20Radar.pdf
2015-16	Practical approaches to networking	18.10.2015, 19.10.2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/ECE/2015-2016/Practical%20approaches%20to%20networking.pdf

2015-16	Introduction to Microsoft Active Directory Domain Services	15.3.2016, 16.3.2016	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/ECE/2015-2016/Introduction%20to%20microsoft%20active%20directory.pdf
2015-16	Energy Audit and Management.	17.07.2015 to 18.07.2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2015-2016/Energy%20Audit%20and%20management.pdf
2015-16	Design of Power Supplies	26.09.2015 & 27.09.2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2015-2016/Design%20of%20power%20supplies.pdf
2015-16	Design of robust LV Distribution Systems	24.07.2015 & 25.07.2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2015-2016/Design%20of%20robust%20LV%20distribution%20system.pdf
2015-16	Enterprise Mobility	26-09-2015 to 27-09-2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2015-16/2016,%201c%20enterprise%20mobility.pdf
2015-16	Malware Analysis	25-07-2015, 26-07-2015, 01-08-2015, 02-08-2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2015-16/2015,%202c%20Malware%20Analysis.pdf

2015-16	Enterprise Mobile Technology	24-25 July 2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2015-16/Activity%20Report%202015-16%20-%20IT.pdf
2015-16	BIG-Precast Technology in Buildings	29.08.2015 & 30.08.2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Civil/JUNE2015%20-MAY2016.pdf
2015-16	Framing of Structures & Foundation	29.08.15 & 19.09.2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Civil/JUNE2015%20-MAY2016.pdf
2015-16	Six Sigma	18.09.2015-19.09.2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Mechanical/2015-16/2015-16%20-G1B%20Six%20Sigma-%20One%20credit%20Course.pdf
2015-16	Mechanical Engineering perspective in rocketry systems.	19.09.2015-20.09.2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/mechanical/2017-18/14ME1B0-2017-18-Mechanical%20Engineering%20Perspective%20in%20Rocketry%20systems.pdf

2014-15	IBM BIGINSIGHTS HANDS-ON WORKSHOP	21-22 March 2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/IT/2014-15/2015,%20Workshop%20Report%20IBM%20-%20ASA.pdf
2014-15	Power Grid Operation	19.03.2015 & 20.03.2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/power%20grid%20operation,2017.pdf
2014-15	Oracle Certified Java Programme (OCJP)	23.01.2015 to 27.01.2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2014-2015/Oracle%20certified%20JAVA%20programe.pdf
2014-15	Green Data Center	21.09.2014, 22.09.2014, 24.09.2014	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/(2014-2015)%20Green%20Data%20Centre.pdf
2014-15	Introduction to Microsoft Active Directory Domain Services	18.3.2015, 19.3.2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/ECE/2015-2016/Introduction%20to%20microsoft%20active%20directory.pdf

2014-15	Introduction to Avionics	6.9.2014 - 13.9.2014	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/2014-15/Introduction%20to%20Avionics.pdf
2014-15	Mobile Application Development	23.08.2014- 24.08.2014	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/2014-15/Mobile%20Application%20Develpoment.pdf
2014-15	Innovative Practices in Highw	20.02.2014 - 22.02.2014	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Civil/civil-Innovation-Report.pdf
2014-15	Basics of Application security	13.09.2014- 14.09.2014	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/(2014-2015)%20Basics%20of%20Application%20Security.PDF
2014-15	Introduction to GPS and Applications of Communications/Signal Processing theory in GPS receiver design	26.07.14, 02.08.14 and 09.08.14)	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/ECE/2014-2015/GPS.pdf

2014-15	Application development in Azure cloud environment training and MTA Certification	(29.08.2014 to 31.08.2014) and (05.09.2014 to 07.09.2014)	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2014-2015/Application%20development%20in%20Azure%20cloud%20environment.pdf
2014-15	Practical approaches to networking	20.10.2014, 19.10.2014	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/ECE/2014-2015/Practical%20approaches%20to%20networking.pdf
2014-15	Design of Robust LV Distribution Systems	01.09.2014 & 02.09.2014	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2014-2015/Design%20of%20robust%20LV%20distribution%20system.pdf
2014-15	Safety Engineering	08.08.2014	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2014-2015/safety%20engineering.pdf
2014-15	Arbitration and Dispute Resolution	14.10.2014	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Civil/JUNE%202014-MAY2015.pdf

2014-15	Durability of concrete structures	15.10.2014	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Civil/JUNE%202014-MAY2015.pdf
2014-15	Product Life cycle Management	14.03.2015-15.03.2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Civil/JUNE%202014-MAY2015.pdf
2014-15	Industrial Hydraulics	07.03.2015-08.03.2015	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Mechanical/2014-15/2014-15-G1L-Industrial%20Hydraulics.pdf
2014-15	Non Destructive Testing	23.08.2014-24.08.2014	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Mechanical/2014-15/G1D%20PLM%20activity%20Report III%202014-15.pdf
2014-15	Finite Element Method for Product Development	13.09.2014 - 14.09.2014	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Mechanical/2014-15/2014-15-G1P-Finite%20Element%20Method%20for%20Product%20Development.pdf

2014-15	Gas turbine Engines	13.09.2014 - 14.09.2014	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Mechanical/2014-15/2014-15-Gas%20turbine%20Engineering.pdf
2013-14	Six Sigma	14-09-2013 to 15- 09-2013	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/Mechanical/2013-14/2013-14-G1B%20Six%20Sigma-One%20Credit%20Course.pdf
2013-14	Basics of Application security	13.07.2013- 14.07.2013	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/(2013-2014)%20Basics%20of%20Application%20Security.PDF
2013-14	Evolution on MIMO technology	10.01.2014	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2013-2014/Evolution%20of%20MIMO%20technology.pdf

2013-14	Mobile Application Development	27.07.2013-28.07.2013	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/2013-14/MobileApplicationDevelopment.pdf
2013-14	Power Quality Issues in Contemporary and Future power Networks.	27.11.2013 to 03.12.2013	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2013-2014/Power%20quality%20issue%20in%20conteproary.pdf
2013-14	Harmonics Reduction & Management of Reactive power and Energy for HT Industries.	11.10.2013 & 12.10. 2013	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2013-2014/Harmonics%20reduction%20and%20management.pdf
2013-14	Smart grid Technologies Issue	18.10.2013 & 19.10. 2013	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/EEE/2013-2014/Smart%20grid%20tecnology%20issues.pdf
2013-14	Introduction to Mainframe Systems	08.03.2014-09.03.2014	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/CSE/2014-15/Introduction%20to%20Mainframe%20System.pdf

2013-14	VLSI implementation of communication transceivers	14.09.13, 21.09.13, 28.09.13.	https://www.tce.edu/sites/default/files/naac/criteria-3/3.3/3.3.2/ECE/2013-2014/VLSI%20Implementation%20of%20Communication%20Transreceivers.pdf
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