Date of Meeting: Saturday, 4/NOV/2017 (10.30 a.m to 2.30 p.m)   **Venue:** Seminar Hall, Department of IT

Name of the Meeting: Board of Studies

Convenor: Dr.S.Muthuramalingam, Head, Department of Information Technology, TCE, Madurai.

Members of Board of Studies: External Experts

Dr.N.Krishnan, Professor , Centre for Information Technology and Engineering, Manonmaniam Sundaranar Unviersity, Tirunelveli

Dr. E.Iniya Nehru, Senior Technical Director, National Informatics Centre, Chennai.

Dr.T.Mala, Associate Professor, Department of Information science and Technology, College of Engineering, Guindy.

Dr. V. Shanmuganeethi,Assistant Professor,Department of Educational Technology & Multimedia,NITTTR,Chennai.

Mr.R.Ramanathan,Manager, Data Analytics,Cognizant Technology Solutions, Coimbatore.

Faculty Members:

Ms.C.Jeyamala, Dr.R.Suganya, Dr.P.Karthikeyan, Ms.K.V.Uma, MS.A.M.Abirami, Dr.R.Leenasri, Ms.M.Nirmala Devi, Ms.S.Karthiga,

Ms.A.Sheik Abdullah, Ms.S.Sujitha, Ms.Santhiya, MS.T.Manju, Ms.R.Parkavi, Ms.S.Pudumalar Ms.C.V.Nisha Angeline, Ms.Raja Lavanya,

Ms.Thiruchadai Pandeeswari, Mr.M.Thangavel Mr.E.Ramanujam,Mr.M.ManikandaKumar,Ms.N.Gayathri,Ms.P.Kiruthiga.

Approval for introduction of Programme Elective Courses for B.Tech (Information Technology) – For students admitted from the year 2015-16 onwards.

Sl.No	Sub Code	Subject Name	Presented By	Suggestions	Responsibility	Target Date
1	14ITRR0	Virtual Reality and its Advancements	Ms.T.Manju	Include on chapter on 3D modelling techniques and Translation if the concept is not covered in any other related courses - Touch upon the Basic concepts on Mapping of Human vision and Computer Vision, Limitations of cameras and computer vision - Refer Gonzalez book- Case studies - Specify CO-PSO mapping for each course	Course Designers	10.11.17
2	14ITRS0	Securing Internet of Things	Ms.M.Thangavel	Include topics on levels of Vulnerabilities Add OWASP, Nptel courses to the references list	Course Designers	10.11.17

Sl.No	Sub Code	Subject Name	Presented By	Suggestions	Responsibility	Target Date
3	14ITRT0	Social Networks : Computation and Economics	Ms.C.Santhiya	Change Title to Computation and Economics for Social Networks / Course should expose Real world problems like spreading of fake news/rumours in social media	Course Designers	10.11.17
4	14ITRU0	Time Series Pattern Analysis	Ms.M.Nirmala Devi	Data Mining may be removed from Pre requisites, For Forecasting - Give Summary on books like Fool by randomness, Black Swann - Exposure should be given to Time series APIs of Amazon AWS, Microsoft Azure.	Course Designers	10.11.17
5	14ITRV0	Multimedia Mining	Ms.Gayathri	Add latest editions of books in the references	Course Designers	10.11.17
6	14ITRW0	Programming Wireless Sensor Networks	C.V.Nisha Angeline	Check if the course is offered in ECE / Use Sci-Lab/OpenCV instead of Matlab - would be effective	Course Designers	10.11.17
7	14ITRY0	Network and System Security Analysis	Mr.M.Thangavel	Remove Network Management and Security Lab from the pre requisites -Include a unit on Designing effective security policies - Avoid overlapping of concepts with Network Security course	Course Designers	10.11.17

Approval for introduction of One Credit/Two Credit Courses for B.Tech (Information Technology) – For students admitted from the year 2015-16 onwards.

Sl.No	Sub Code	Subject Name	Presented By	Suggestions	Responsibility	Target Date
1.	14IT1M0	Augmented Reality	Ms.T.Manju	Remove question stems from the syllabus - Bloom's level of the course outcomes may be simplified	Course Designers	10.11.17
2.	14IT1P0	Time Series Forecasting	Mr.E.Ramanujam	Data Mining can be removed from Pre requisites	Course Designers	10.11.17
3.	14IT1Q0	Applied Predictive Modelling using Python	MS.K.V.Uma	NIL	Course Designers	10.11.17
4.	14IT1S0	Watson Analytics	Mr.A.Sheik Abdullah	NIL	Course Designers	10.11.17
5.	14IT1T0	Mobile App UI Test Automation	Mr.Manikandakumar	Avoid abbreviations in the title. Pre-requisites can be modified as Knowledge on Android programming	Course Designers	10.11.17
6.	14IT1U0	Big Data Analytics using Spark	Mr.A.Sheik Abdullah	NIL	Course Designers	10.11.17
7.	14IT2C0	Enterprise Application Development using Spring	Ms.R.Leenasri	NIL	Course Designers	10.11.17
8.	14IT2D0	Offensive Security	Mr.M.Thangavel	Add a core security related paper	Course Designers	10.11.17

Approval for Programme Electives for M.E (Computer Science and Information security) – For students admitted from the year 2017-18 onwards.

Sl.No	Sub Code	Subject Name	Presented By	Suggestions	Responsibility	Target Date
9.	14IT2E0	Windows Forensic Analysis	Mr.M.Thangavel	NIL	as pre requisite - Contents very heavy for 2C	Course Designers	10.11.17
10.	14IT2F0	Wireless Security Assessment	Mr.M.Thangavel	NIL			
11.	14IT2G0	Secure Network Edge and Mobility Solutions	Mr.M.Thangavel	NIL			

Approval for revision of Programme Core Course for B.Tech (Information Technology) – For students admitted from the year 2017-18 onwards

Sl.No	Sub Code	Subject Name	Presented By	Suggestions	Responsibility	Target Date
1	14ISPL0	Internet of Things and Security	Ms.Raja Lavanya	Change the title as Security for IoT. Limit Case study(1 or 2)	Course Designers	10.11.17

Approval for Programme Specific Outcomes (PSO) and revision of Programme Educational Objectives - for B.Tech (Information Technology) – For students admitted from the year 2014-15 onwards.

Sl.No	Sub Code	Subject Name	Presented By	Suggestions	Responsibility	Target Date
1.	14IT431	Computer Networks	Ms.Eshwari	Nil	NIL	
2.	14ITRC1	Software Defined Networks	Ms.Eshwari	NIL		
3.	14TRN1	Design and Analysis of Algorithms	Ms.K.V.Uma	Bloom's level of CO 5 should be Apply/Analyze	Course Designers	10.11.17
4.	14ITPR1	Computer Vision	Ms.T.Manju	NIL		
5.	14IT4C1	CAPSTONE COURSE-I	Ms.C.Jeyamala	NIL		

1. Programme Specific Outcomes Statements
2. Revision of Programme Educational Objectives

Content Presented	Presented By	Suggestions	Responsibility	Target Date
	Dr.R.Suganya	Rephrase PSO1 and PSO3 to reduce its resemblance with PO2 As PSOs should reflect the uniqueness of our Institution.	Dr.R.Suganya	10.11.17

Approval for CBCS Categorization of courses and List of Mandatory Courses for B.Tech (Information Technology) – For students admitted from the year 2015-16 onwards.

1.Categorization of courses
2.List of Mandatory Courses

Content Presented	Presented By	Suggestions	Responsibility	Target Date
	Ms.S.Pudumalar	Explanation on the usage of term Pre-requisites should be included in the curriculum	Ms.S.Pudumalar	10.11.2017

Approval for fixing Expected and Proficiency level of all course outcomes and courses.

Content Presented	Presented By	Suggestions	Responsibility	Target Date
Expected and Proficiency level of all course outcomes and courses.	Dr.R.Leena sri	Quantitative methods proposed to measure CO Attainment need to be revisited	Dr.R.Leena sri	10.11.2017

Approval for Modifications in Continuous Assessment pattern -From the ODD Semester of the   academic year 2017-18 for B.Tech (Information Technology) -For students admitted from the year 2014-15 onwards.(For all Courses)

Approval for Modifications in Continuous Assessment pattern -From the ODD Semester of the academic year 2017-18 M.E (Computer Science and Information security) – For students admitted from the year 2016-17 onwards.(For all Courses)

Approval for Course outcomes and CO-PO mapping for all I semester M.E (Computer Science and Information security)

Content Presented	Presented By	Suggestions	Responsibility	Target Date
Modifications in Continuous Assessment pattern	Dr.R.Leena sri	Nil	Dr.R.Leena sri	10.11.2017

Approval for Articulation Matrix - for B.Tech (Information Technology) programme-For students admitted from the year 2014-15 onwards.

Approval for refinement of CO-PO mapping for courses of B.Tech (Information Technology) programme.

Content Presented	Presented By	Suggestions	Responsibility	Target Date
Course outcomes and CO-PO mapping for all I semester M.E (Computer Science and Information security) courses. Articulation Matrix Refinement of CO-PO mapping	Ms.C.Jeyamala	NIL	Ms.C.Jeyamala	10.11.2017

Approval for PO /PSO attainment target for B.Tech (Information Technology) programme-For students admitted from the year 2014-15 onwards.

Content Presented	Presented By	Suggestions	Responsibility	Target Date
PO /PSO attainment target fixing	Dr.R.Suganya	NIL	Dr.R.Suganya	10.11.2017

Approval for changes in Course Outcomes for courses of B.Tech (Information Technology) programme-For students admitted from the year 2014-15 onwards.

Sl.No	Sub Code	Subject Name	Presented By	Suggestions	Responsibility	Target Date
2	14ITPD0	Digital Watermarking and Steganography	Mr.M.Thangavel	NIL	Course designers	10.11.2017
3	14IT680	Multimedia Lab	Dr.R.Suganya	NIL	Course designers	10.11.2017
4	14IT690	Cloud Computing Lab	Mr.M.Thangavel	NIL	Course designers	10.11.2017

Other Suggestions

Faculty should consider Contributing modules to Swayam project- NITTR is inviting proposals for hosting courses on swayam mooc. Dec 15 is last date . Visit Swayam.gov.in

Involve organizations rather individuals in 1C/2C courses - These offering could be based on properly signed MoUs

One credit courses on Microsoft Azure, Amazon AWS and Cloud Openstack

HOD/IT