	<b>Management Review System Formats</b>	Doc No	QR/M5-02
		Rev No	00
		Date	14-06-2004

**Date of Meeting:** Saturday, 16/NOV/2019 (10.00 a.m to 1.00 p.m) **Venue:** Seminar Hall, Department of IT

**Name of the Meeting:** Board of Studies

**Convenor:** Dr.C.Deisy, Head, Department of Information Technology, TCE, Madurai.

**Members of Board of Studies: External Experts**

Dr. Shrisha Rao, Professor, International Institute of Information Technology, Bangalore.

Dr. V. Shanmuganeethi, Assistant Professor, Department of Educational Technology & Multimedia, National Institute for Technical Teachers Training and Research, Chennai.(couldn't attend)

Dr.S.Srinivasan, Anna University Regional Campus, Madurai

Mr.Ramanathan, CTS Coimbatore (TCE Alumni)

**Faculty Members:**

Dr.S.Padmavathi, Dr.S.Muthuramalingam, Dr.D.TamilSelvi, Dr.S.Sridevi, Dr.P.Karthikeyan, Dr.R.Suganya, Dr.C.Jeyamala, Ms.S.Karthiga, Ms.K.Indira, Mr.A.Sheik Abdullah, Ms.S.Sujitha, Ms.C.Santhiya, Ms.S.Pudumalar, Ms.C.V.Nisha Angeline, Ms.S.Thiruchadai Pandeewari, Mr.M.Thangavel, Mr.E.Ramanjuam, Mr.M.Manikanda Kumar, Mr.Rajkumar

**1. Approval for Programme Elective courses for B.Tech (Information Technology) – For students admitted from the year 2018-19 onwards.**

S.No	Course Code	Course Name	Category	Presented By	Suggestions	Responsibility	Target Date
1.	18ITPA0	Machine Learning	PE	Dr.S.Sridevi	The course could be started with mathematical models - Probabilistic Models - Introduction to Regression to be given - Concepts on Time Series Analysis to be included - Student projects to be validated with standard datasets from kaggle - Assignments given must be specific enhancing students to identify algorithms and tools for solving a real world problem - More focus on Mathematical approach, Outliers and Correlation must be given	Course designers	18.11.2019
2.	18ITPB0	Deep Learning	PE	Mr.E.Ramanjuam	Jupyter Notebook may be included - NLP, Facial Recognition, image processing problems, signal processing may be included for Mini Project - Students may be insisted to use Virtual machines and cloud technologies to implement the mini	Course designers	18.11.2019

					projects - Technologies like BERT to be referred		
3.	18ITPC0	Information Retrieval	PE	Mr.A.Sheik Abdullah	Topics on Ethics, bias and Privacy to be added	Course designers	18.11.2019
4.	18ITPD0	Distributed Application Development	PE	Dr.S.Padmavathi	Unit 2 topics may be revisited - Introduction to Blockchain technologies may be included - Contemporary relevance of distributed algorithms to be highlighted - Title can be changed to Distributed Systems	Course designers	18.11.2019
5.	18ITPE0	Fog Computing	PE	Ms.C.Santhiya	Topics to be revisited in view of complexity and content delivery as most of the topics address evolving technologies.	Course designers	18.11.2019
6.	18ITPF0	Software Defined Networks	PE	Ms.S.Thiruchadai Pandeewari	Open Flow specification - Just title is enough - Topics on Network Function Virtualization can be included	Course designers	18.11.2019
7.	18ITPH0	Computer Vision	PE	Mr.E.Ramanujam	Real life problems to be addressed	Course designers	18.11.2019
8.	18ITPJ0	Wireless and Mobile Communication	PE	Dr.S.Muthuramalingam	Topics on QoS can be included	Course designers	18.11.2019
9.	18ITPL0	Cyber Physical Systems	PE	Mr.M.Manikandakumar	One unit on Wireless sensors may be included - Interesting applications such as biometric applications, aerospace could be included -Topics on System Safety, Security may be included	Course designers	18.11.2019
10.	18ITPM0	Ethical Hacking	PE	Dr.C.Jeyamala	Case Studies may be included - Real time issues, Real state actors - Non state actors , vulnerabilities , Social Engineering concepts - to be included	Course designers	18.11.2019
11.	18ITPN0	Cyber forensics	PE	Ms.S.Sujitha	Mobile, device forensics , Encrypted File systems and Hard drives may be included -Gutmann algorithm	Course designers	18.11.2019
12.	18ITPP0	Blockchain Technologies	PE	Dr.C.Jeyamala	Limitations and challenges such as energy efficiency of Blockchain tech. to be highlighted -	Course designers	18.11.2019
13.	18ITPQ0	Software Testing	PE	Ms.S.Sujitha	Concepts of Test accuracy, False Positives and False Negatives to be included - NASA Software Defects Datasets to be referred	Course designers	18.11.2019
14.	18ITPR0	C# and .NET Framework	PE	Ms.K.Indira	Comparison with Node JS could be included instead of java - Topics on windows based applications and Web based applications could be organized separately	Course designers	18.11.2019
15.	18ITPS0	Theory of Computation	PE	Dr.R.Suganya	Topics on Recursion to be included	Course designers	18.11.2019
16.	18ITPT0	Principles of Compiler Design	PE	Dr.R.Suganya	Exposure to LMVM, GCC could be given	Course designers	18.11.2019

**Approval for General Elective Courses for Non-CSE/IT Students -For students admitted from the year 2018-19 onwards**

S.No	Course Code	Course Name	Category	Presented By	Suggestions	Responsibility	Target Date
1.	18ITGA0	Database Management System	GE	Dr.S.Sridevi	Topics on JDBC, ODBC, HDFS and No SQL to be included	Course designers	18.11.2019
2.	18ITGB0	Python for Data science	GE	Ms. S. Karthiga	Major Python libraries to be highlighted - Title could simply be Data Analytics - Python could be removed from the title - Course could be restructured with mathematical orientation	Course designers	18.11.2019
3.	18ITGC0	Object Oriented Programming using Java	GE	Ms.C.V.Nisha Angeline	Topics on Android could be included	Course designers	18.11.2019
4.	18ITGD0	Software Engineering	GE	Ms. S.Pudumalar	Version Control Tools could be specified - References to SW Engineering Body of Knowledge to be given - Suggested to associate topics with a project	Course designers	18.11.2019
5.	18ITGE0	Cloud Computing	GE	Dr.S.Padmavathi	Factors that must be considered while comparing Cloud Service Providers could be highlighted - Focus on service providers such as Megdoot could be given - ISO standards on Cloud and Security could be covered - Concepts on Data center technologies could be included	Course designers	18.11.2019
6.	18ITGF0	Assistive Technology	GE	Dr. D. Tamilselvi	No comments	Course designers	18.11.2019

**Approval for Engineering Science / HSS courses for B. Tech (Information Technology) programme-For students admitted from the year 2018-19 onwards.**

S.No	Course Code	Course Name	Category	Presented By	Suggestions	Responsibility	Target Date
1.	18IT540	Accounting and Finance	HSS	Mr. Rajkumar	Topics on Software Tools for accounting could be included - Could be based on standards	Course designers	18.11.2019
2.	18IT620	Data Analytics	ES	Mr. A. Sheik Abdullah	No comments	Course designers	18.11.2019
3.	18IT630	Programming for Internet of Things (T/P)	ES	Ms.C.V.Nisha Angeline	Mentioned Team size could be restricted to 3	Course designers	18.11.2019

**Approval for Programme core courses for V to VII semester B.Tech (Information Technology)– For students admitted from the year 2018-19 onwards.**

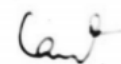
S.No	Course Code	Course Name	Category	Presented By	Suggestions	Responsibility	Target Date
1.	18IT660	Mobile Application Development	PC	Dr.P.Karthikeyan	No Comments	Course designers	18.11.2019
2.	18IT710	Human Computer Interaction	PC	Dr.D.Tamilselvi	Spastic society projects to be referred - System Design concepts relevant to HCI are to be included - Software engineering aspects of HCI to be covered	Course designers	18.11.2019
3.	18IT780	Human Computer Interaction Lab.	PC	Dr.D.Tamilselvi	No Comments	Course designers	18.11.2019
4.	18IT510	Web Technologies	PC	Dr.R. Suganya	No Comments	Course designers	18.11.2019
5.	18IT570	Web Technologies Lab.	PC	Dr.R. Suganya	No Comments	Course designers	18.11.2019
6.	18IT520	Information Security	PC	Ms.C.Jeyamala	No Comments	Course designers	18.11.2019
7.	18IT580	Information Security Lab	PC	Ms.C.Jeyamala	No Comments	Course designers	18.11.2019
8.	18IT530	Data Mining	PC	Dr.S. Sridevi	No Comments	Course designers	18.11.2019
9.	18IT610	Cloud Computing	PC	Dr.S.Padmavathi	No Comments	Course designers	18.11.2019
10.	18IT670	Cloud Computing Lab.	PC	Dr.S.Padmavathi	No Comments	Course designers	18.11.2019

**Approval for modifications in Continuous Assessment for II to IV semester courses B.Tech (Information Technology)– from the academic year 2019-20 onwards.**

**Approval for Categorization of Courses and Scheduling of courses for B. Tech (Information Technology) programme under CDIO -For students admitted from the year 2018-19 onwards.**

**General Suggestions:**

1. Include psychomotor component in the syllabus as Psychomotor levels are applicable wherever mini-projects and application level assignments are given.



**HOD/IT**



# THIAGARAJAR COLLEGE OF ENGINEERING

A Govt. Aided, ISO 2000:2008 Certified Autonomous Institution Affiliated to Anna University)

MADURAI-625 015

## DEPARTMENT OF INFORMATION TECHNOLOGY

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### BOARD OF STUDIES MEETING

16/NOV/2019

Venue: Seminar Hall, IT Department, TCE

<b>Chairman</b> Dr.C.Deisy, Head of the Department, Department of Information Technology, Thiagarajar College of Engineering, Madurai		
S.No	External Experts	Signature
1	Dr.Shrisha Rao, Professor, International Institute of Information Technology, Bangalore.	
2	Dr.S.Srinivasan, Professor & Head (CSE) Anna University-Madurai Campus	
3		
4	Mr.R.Ramanathan, Manager, Data Analytics Cognizant Technology Solutions, Coimbatore.	



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**BOARD OF STUDIES MEETING**

Venue: Seminar Hall, IT Department, TCE

S.No	Internal Faculty Members	Signature
1.	M.Thargavel	
2.	Dr. P. Karthikeyan	
3.	Dr. R. SUSANYA	
4.	K.V.UMA	
5.	C. Jayamala	
6.	A M ABIRAM	
7.	P. KIRUTHIGA	
8.	C.V. Nisha Angelina	
9.	C. Santhiya	
10.	T. Manju	
11.	J. John Shiny	
12.	S. Thiruchadai Pandeeswari	
13.	Dr. D. Tamilselvi	
14.	S. MUTHURAMALINGAM	



