THIAGARAJAR COLLEGE OF ENGINEERING
(A Govt. Aided, ISO 9001:2000 Certified Autonomous Institution Affiliated to Anna University)
MADURAI-625 015
DEPARTMENT OF INFORMATION TECHNOLOGY
Telephone: +91-452-2482240-42
Fax: +91-452-2483427
Website: http://www.tce.edu

BOARD OF STUDIES MEETING

Date: 26/NOV/2016

Venue: Seminar Hall, IT Department, TCE

		Signature
Chairman Dr.S.Muthuramalingam, Head of the Department, Department of Information Technology, Thiagarajar College of Engineering, Madurai		
S.No	**External Experts**	
1	Dr.N.Krishnan, Professor, Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli	
2	Mr.E.Iniya Nehru, Senior Technical Director, National Informatics Centre, Chennai.	
3.	Dr.T.Mala Associate Professor, Science and Department of Information Technology, College of Engineering, Guindy.	
4.	Dr. V. Shanmuganeethi, Assistant Professor, Department of Educational Technology & Multimedia, National Institute for Technical Teachers Training and Research, Chennai.	
5.	Mr.R.Ramanathan, Manager, Data Analytics Cognizant Technology Solutions, Coimbatore.	
6.	Rajesh Pandian. M Ph.D Scholar IIT,Madras	

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Date: 26/NOV/2016   **Venue: Seminar Hall, IT Department, TCE**

S.No	Internal Faculty Members	Signature
1.	R. Siva kumar (Maths)	
2.	S. Thiruchadai Pandeeswari (IT)	
3.	M. Thangavel (IT)	
4.	R. Parkavi (IT)	
5.	M. Lavanya	
6.	K. Indira	
7.	C. N. Nisha Angeline	
8.	M. NIRMALADEVI	
9.	J. John Shiny	
10	S. MUTHURAMALINGAM	
11.	Arun Fera	
12.	Raja Lavanya	
13.	Uma. K.V.	
14.	S. Karthiga	
15.	C. Jeyamala	

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16.	P Karthikeyan	P. Karthi...
17.	S. Pudumalar.	
18.	R. Suganya	
19.	D. Tamil selvi.	D. Tamilseh.

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

Date of Meeting: Saturday, 26/NOV/2016 (9.30 a.m to 12.00 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, Manomaniam Sundaranar Unviersity, Tirunelveli
Mr. 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.
Mr.Rajesh Pandian. M,Ph.D Scholar,IIT,Madras

Faculty Members:

Dr.D.TamilSelvi, Ms.C.Jeyamala, Dr.R.Suganya, Dr.P.Karthikeyan, Ms.K.V.Uma, Ms.M.Nirmala Devi, Ms.S.Karthiga, Ms.K.Indira, Mr.M.Arun Fera, Ms.R.Parkavi, Ms.S.Pudumalar ,Ms.C.V.Nisha Angeline, Ms.Raja Lavanya, Ms.Thiruchadai Pandeeswari,Mr.M.Thangavel Ms.M.Lavanya,Mr.Sivakumar,Ms.J.John Shiny

Approval for Revision of Programme Core/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	14IT541	DATA MINING	Ms.M.Nirmala Devi	1. Suggested to retain basic/fundamental Prediction algorithms that helps to arrive at Precise solutions in this course and take care of advanced topics such as Prediction algorithms that deal with optimization, decision making, tools and techniques in the Big data course offered in VII semester. 2. Also, suggested to include statistics and necessary mathematical models as prerequisite for the course 3. Suggested to look at better and suitable text books.	Ms.M.Nirmala Devi	30.11.2016

2	14IT591	NETWORK MANAGEMENT AND SECURITY LAB	Mr.M.Thangavel	1. Suggested to include Network Management exercises using NMS tools, especially an experiment on openNMS.	Mr.M.Thangavel	30.11.2016
3	14IT4C1	CAPSTONE COURSE-I	Mr.R.Sivakumar, Ms.C.Jeyamala	1.Suggested to have topics based on Applications of mathematical concepts in IT rather than having mathematical concepts as such in the syllabus	All Course Designers	30.11.2016
4	14ITPZ1	INTERNET OF THINGS	Ms.C.V.Nisha Angeline	No Suggestions	Ms.C.V.Nisha Angeline	30.11.2016

Approval for Revision of Programme Core Courses for B.Tech (Information Technology) – For students admitted from the year 2016-17 onwards.

Sl.No	Sub Code	Subject Name	Presented By	Suggestions	Responsibility	Target Date
1.	14IT331	COMPUTER ORGANIZATION(Change of Assessment Pattern)	Ms.K.V.Uma	No Suggestions	Ms.K.V.Uma	30.11.2016

Approval for Extension of one credit courses -Course Code 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	14IT1L0	SPM USING MSF AND AGILE SCRUM METHODOLOGY	Mr.M.ArunFera	No Suggestions	Mr.M.ArunFera	30.11.2016

Approval for introduction of Programme Core Course 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	14IT7C0	CAPSTONE COURSE-II	Ms.C.Jeyamala	No Suggestions	All Course Designers	30.11.2016

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

Suggestions

1.Care should be taken that Specific prerequisites are given to General Electives

2. Care should be taken that student registering for more or less similar courses in different departments is avoided. To ensure this list of regular courses and electives should be cross checked across the departments

3.Suggested to have courses on Multimedia, graphics and Game programming in programme core

Approval for Course Outcome target and Student target for B.Tech (Information Technology) – For students admitted from the year 2014-15 onwards.

Suggestions

1. Target can be fixed only for the courses that have had atleast one run

2. Average out outcomes of previous assessments and fix the target accordingly

Other Suggestions:

1. Introduce a credit course on Storage in alliance with EMC Corporation
2. Avoid phrases like approaches and introduction in the course title.
3. Suggested to use Wordpress for Department magazine publication
4. Exhibit Best Students projects to invited guests from industries
5. Colloborate with STQC for conducting one credit course on Software Testing

HoD/IT

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

Date of Meeting: Saturday, 26/NOV/2016 (12.00 to 1.30 p.m)   **Venue:** Seminar Hall, Department of IT

Name of the Meeting: Board of Studies (M.E (Computer Science and Information security))

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, Manomaniam Sundaranar Unviersity, Tirunelveli

Mr. 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.

Mr.Rajesh Pandian. M,Ph.D Scholar,IIT,Madras

Faculty Members:

Dr.D.TamilSelvi, Ms.C.Jeyamala, Dr.R.Suganya, Dr.P.Karthikeyan, Ms.K.V.Uma, Ms.M.Nirmala Devi, Ms.S.Karthiga, Ms.K.Indira, Mr.M.Arun Fera, Ms.R.Parkavi, Ms.S.Pudumalar ,Ms.C.V.Nisha Angeline, Ms.Raja Lavanya, Ms.Thiruchadai Pandeeswari, Mr.M.Thangavel Ms.M.Lavanya ,Ms.J.John Shiny

Revision of Programme Electives for M.E (Computer Science and Information security) – For students admitted from the year 2016-17 onwards.

Sl.No	Sub Code	Subject Name	Presented By	Suggestions	Responsibility	Target Date
1.	14ISPE1	ETHICAL HACKING AND CYBERFORENSICS	Mr.M.Thangavel	1. suggested to include topics from Openwebapp Security Consortium.	Mr.M.Thangavel	30.11.2016
2.	14ISPF1	CLOUD AND SECURITY	Mr.M.ArunFera	1. Furnish complete details about Text books and references such as publishers, Edition and webURL for online resources 2. Remove basic topics like pros and cons of virtualization. 3. Have separate units for Basics of virtualization and Cloud. 4. Organize contents of the unit in such a way that Case Study comes at the end 5. Organize the course contents in such a way that three units are dedicated for Cloud and 2 units for security 6. Remove security topics from unit 1	Mr.M.ArunFera	30.11.2016

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BOARD OF STUDIES MEETING

Date: 29/APR/2016   **Venue: Seminar Hall, IT Department, TCE**

Chairman Dr.S.Muthuramalingam, Head of the Department, Department of Information Technology, Thiagarajar College of Engineering, Madurai	
S.No	**External Experts**	Signature

S.No	External Experts	Signature
1	Dr.N.Krishnan, Professor, Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli	
2	Dr. V. Shanmuganeethi, Assistant Professor, Department of Educational Technology & Multimedia, National Institute for Technical Teachers Training and Research, Chennai.	
3	Mr.R.Ramanathan, Associate Manager, Data Analytics, Cognizant Technology Solutions, Coimbatore.	

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1.	S. MUTHURAMALINGAM	
2.	C. Jeyamala	
3.	K.V. UMA .	
4.	A.M. Abirami	
5.	D. Tamilselvi	
6.	M. Nirmala Devi	
7.	R. Leena Sri	
8.	S. Karthiga	
9.	K. Indira .	
10.	S. Sujitha .	
11.	S. Pudumalar	
12.	S. Thiruchadri Pandeeswari .	
13.	A. Sheik Abdullah .	
14.	Arun Fera .	
15.	John Shiny	

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

Date of Meeting: Friday, 29/APR/2016 (10.00 A.m to 1.00 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 University, Tirunelveli.

Dr. V. Shanmuganeethi, Assistant Professor, Department of Educational Technology & Multimedia, National Institute for Technical Teachers Training and Research, Chennai,

Mr.R.Ramanathan, Manager, Data Analytics, Cognizant Technology Solutions, Coimbatore.
Faculty Members:
Attended By:
Dr.D.TamilSelvi, Ms.C.Jeyamala, Ms.K.V.Uma, Ms.A.M.Abirami, Ms.R.LeenaSri, Ms.M.Nirmala Devi, Ms.K.Indira, Mr.M.Arun Fera, Mr.A.Sheik Abdullah, Ms.S.Sujitha, Ms.J.John Shiny, Ms.S.Pudumalar, Ms.Thiruchadai Pandeeswari, ,Ms.S.Karthiga

S.No	Sub Code	Subject Name	Presented By	Suggestions	Responsibility	Target Date
1	14ITGE0	DATA SCIENCE	Ms.A.M.Abirami	1. Exploratory data analysis- content delivery should focus on effective tool usage, analysis and decision making methods. 2.Case studies should be included for this course. 3.In addition to R tools other data science tools(python, spark) to be added	Dr.Suganya/ Mr. A.Sheik Abdullah	04/May/2016

2	14ITGF0	MOBILE APP DEVELOPMENT USING ANDROID	Dr.Karthikeyan	1. Include demonstration in Content delivery 2.Mini projects and Practical assignments should be included in assessment.	Dr.Karthikeyan Ms.Nisha Angeline	04/May/2016
3	14ITGG0	CLOUD TECHNOLOGIES	Mr.Arun fera	1. Course Outcome's keywords should be changed in alignment with Bloom's level.	Ms.R.Leena Sri. Ms.K.Indira Mr.Arun fera	04/May/2016
4	14IT1D0	TECHNIQUES AND TOOLS IN DATA SCIENCE	Ms.K.V.Uma	No suggestions	-	-
5	14IT1E0	HADOOP ECO SYSTEM TOOLS	Ms.A.M.Abirami	1.Include spark tool to the content	Mr. A.Sheik Abdullah Ms.A.M.Abirami	04/May/2016
6	14IT1F0	MULTIMEDIA RETRIEVAL TECHNIQUES	Ms.Nirmala Devi	No suggestions	-	-
7	14IT1G0	CLOUD APPLICATION DEVELOPMENT TOOLS	Ms.Karthiga	1. Streamline the course content. 2.Course Outcome's blooms level should be revised	Ms.Karthiga Ms.R.Leena Sri.	04/May/2016
8	14IT1H0	VIRTUALIZATION TOOLS AND TECHNIQUES	Mr.Thangavel	No suggestions	-	-
9	14IT1J0	PROGRAMMING FOR INTERNET OF THINGS	Ms.Raja Lavanya	No suggestions	-	-
10	14IT2B0	SECURE NETWORK MANAGEMENT	Mr.Thangavel	No suggestions	-	-
11	14IS2A0	MALICIOUS SOFTWARE ANALYSIS	Mr.Thangavel	No suggestions	-	-
12	14IS2B0	ADVANCES IN NETWORK SECURITY AND MANAGEMENT	Mr.Thangavel	No suggestions	-	-
13	14IT780	USER INTERFACE DESIGN LAB	Ms.A.M.Abirami	No suggestions	-	-

Ms.C.Jeyamala presented the Categorization of Courses under Choice Based Credit System.

Ms.A.M.Abirami presented the highlights of best practices followed in Teaching Learning, Research and Development, Industry Institute Interaction, Alumni and Student activities.

Changes in Course Code for the following Courses for B.Tech (Information Technology) – For students admitted from the year 2014-15 onwards.

Existing Course Code	Course Name	Revised Course Code
14ITPI0	WIRELESS AD HOC AND SENSOR NETWORKS	14ITRM0
14ITPO0	DESIGN AND ANALYSIS OF ALGORITHMS	14ITRN0
14ITPX0	ETHICAL HACKING	14ITRQ0
14ITQA0	SERVICE ORIENTED ARCHITECTURE	14ITRA0
14ITQB0	PARALLEL COMPUTING	14ITRB0
14ITQC0	SOFTWARE DEFINED NETWORKS	14ITRC0
14ITQD0	NETWORK ADMINISTRATION	14ITRD0
14ITQE0	SOFTWARE TESTING	14ITRE0
14ITQF0	C# AND .NET FRAMEWORK	14ITRF0
14ITQG0	MULTI-CORE ARCHITECTURE	14ITRG0
14ITQH0	EMBEDDED SYSTEMS	14ITRH0
14ITQI0	ROBOTICS	14ITRP0
14ITQJ0	THEORY OF COMPUTATION	14ITRJ0
14ITQK0	NUMERICAL METHODS	14ITRK0
14ITQL0	OPERATION RESEARCH	14ITRL0
14ITP10	INTERNET OF THINGS	14IT1A0
14ITP20	BIG DATA PLATFORM AND TECHNOLOGIES	14IT1B0
14ITP30	ENTERPRISE MOBILITY	14IT1C0
14ITP40	MALWARE ANALYSIS	14IT2A0

General Comments:

1. During CO-PO mapping, Course Outcome's of courses in program curriculum should be mapped with PO11 as low and should be mapped with PO5 as strong.

2. Relative Grading System is suggested only if student's profiles are homogeneous, if opted Student input and score need to be considered. Choice of Relative Grading and Absolute Grading can be decided based on number of registrations.

3. Include Self branding, Negotiation courses under Skill/proficiency course.

HDIT