

Management Review System Formats

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MINUTES OF THE MEETING

Date of the meeting: 29.04.2023

Name of the meeting: Board of Studies

Attended by: Dr. S. Mercy Shalinie, HDCSE, Dr. A. Shankar, Professor, PSG Tech (Anna University Nominee) (BSM1), Dr. Chandrasekar Ramanathan, IIIT, Bangalore (BSM2), Dr.S.Karthick, NIT, Andra Pradesh (BSM3), Dr. P. Balamurugan, IIT, Bombay (BSM4), Mr. Mari Ganesh Kumar, Applied scientist,

Amazon (BSM5) Mr. Jeshuren Chelladurai, Applied Scientist, Amazon (BSM6) and CSE department Faculty Members

Sl. No.	M5) Mr. Jeshuren Chelladurai, Applied Scientist, Amazon (BSM6) and CSE departmet Points discussed	Action plan	Responsibility	Target date
1.	Dr. S.Mercy Shalinie, Head of CSE Department gave a presentation about the PEOs, POs, Program Specific Outcomes (PSOs) for B.E(CSE) Programme, The	The suggestions will be considered	Head of Department and TLP Coordinator	08.05.2023
	Relook on Vision statement Relook on Vision statement		*	*
	Relook on the PEO stating Innovation, change it as Research and Innovation		3	
	 Move the cloud computing course under vertical 2 of Honors electives Introduce a new elective course on Quantum Computing 		4	0 0 d
	Introduce an audit course on Engineering and Professional Ethics	The suggestions have	Dr. K. Sundarakantham	08.05.2023
2.	Dr. K. Sundarakantham from CSE Department gave brief description of	been incorporated in the syllabus	Mr. D. Nagendra Kumar	
	the syllabus. The suggestions given by the experts are Increase the number of credits to 3 Some titles can be excluded membrane computing, DNA computing, quantum computing models			
3.	22CS510 - Modelling and Optimization	The suggestions have been incorporated in	Dr. C.S. Senthilkumar Dr. P. Victor	08.05.2023
	 Dr. C.S. Senthilkumar from Maths Department gave brief description of the syllabus. The suggestions given by the experts are Include BFGS, LBSTS 	the syllabus		
,	 Include semi definitive programs Include modeling based on probability, statistics and simulation Include discrete event simulation analytics model and simulation analytical modeling 	*		

	 Check for overlapping contents on ACO, PSO with AI course 			
4.	Dr. C.S. Senthilkumar from Maths Department gave brief description of the syllabus. The suggestions given by the experts are Include exponential, uniform distribution under discrete probability distribution Include geometric distributions under continuous probability distribution Mention about sample statistics and population statistics Include in-equivalences Mandatory component in discrete mathematics prescribed by AICTE to be covered in the syllabus	The suggestions have been incorporated in the syllabus	Dr. C.S. Senthilkumar Dr. P. Victor	08.05.2023
5.	Dr. M.Suguna from CSE Department gave brief description of the syllabus. The suggestions given by the experts are	The suggestions have been incorporated in the syllabus	Dr. M.Suguna Dr. K. Sundarakantham	08.05.2023
6.	Dr. N.Shivakumar from CSE Department gave brief description of the syllabus. The suggestions given by the experts are Reduce the content on software project planning Include requirements, design, coding and testing Lab content: Modern software management elements such as version control, devops can be added Reorganization in the content to be done regarding design, coding and testing	The suggestions have been incorporated in the syllabus	Dr. N.Shivakumar Dr. S. Prasanna	08.05.2023
7.	Dr. M.Suguna from CSE Department gave brief description of the	The suggestions have been incorporated in the syllabus	Dr. M.Suguna Dr. K. Sundarakantham	08.05.2023

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	syllabus. The suggestions given by the experts are Bayesian model, heuristic methods can be implemented in Bayesian network EM algorithm in Ex.no 10 can be replaced by language, vision, game play model experiments Prompt engineering – smart AI models in lab session Instead of Tic Tac Toe game program, new and recent gaming techniques can be implemented Include API based tools Give new assessment pattern for lab Include mini projects in this lab			
8.	Dr. M.Suguna from CSE Department gave brief description of the syllabus. The suggestions given by the experts are	The suggestions have been incorporated in the syllabus	Dr. M.Suguna Dr. M.P.Ramkumar	08.05.2023
9.	applications 22CS620 Distributed Computing Mr. D. Nagendra Kumar from CSE Department gave brief description of the syllabus. The suggestions given by the experts are Contents should cover distributed algorithms, framework, practical approaches Remove distributed systems concepts Reorganize the contents towards the title "Distributed Computing"	The suggestions have been incorporated in the syllabus	Dr. R. Leena Sri Mr. D. Nagendra Kumar	08.05.2023
10.	Dr. K. Sundarakantham from CSE Department gave brief description of the syllabus. The suggestions given by the experts are	The suggestions have been incorporated in the syllabus	Dr. K. Sundarakantham Dr.B.Subbulakshmi	08.05.2023

	to be covered Reference compilers from standford can be used Objectives for Code optimization, register allocation can be explicitly mentioned			
11.	22CS720 Human Computer Interaction	The suggestions have	Dr. M.Suguna Ms. C.Santhiya	08.05.2023
	 Dr. M.Suguna from CSE Department gave brief description of the syllabus. The suggestions given by the experts are Add personalization Add assistive technology for special people, Add W3C standards Add menus-usability time of menus Back end issues and scalable user interfaces to be discussed Visualization –fundamental aspects can be added VR, AR can possibly be included to some extent Maps can be discussed 	been incorporated in the syllabus	Ms. C.Sanunya	
12.	Dr. B.Subbulakshmi from CSE Department gave brief description of the syllabus. The suggestions given by the experts are Data warehouse contents includes dimensional modeling - star schema, ETL, OLAP operations Include some data visualization content such as visualization using TABLEU Real time mining can be added Overlapping contents between ML course to be avoided Syllabus only covered DM, reorganize the contents for the title Data warehousing and mining	The suggestions have been incorporated in the syllabus	Dr. B.Subbulakshmi Dr. M. Nirmala Devi	08.05.2023
13.	Dr. K. Sundarakantham from CSE Department gave brief description of the syllabus. The suggestions given by the experts are Include GANs, GRU based architecture Include 2 broad applications - NLP, computer vision to be covered (Graph neural network for NLP and CV) Variations of auto encoders to be covered, complex algorithms to be covered	The suggestions have been incorporated in the syllabus	Dr. K. Sundarakantham Mr. S. Santhana Hari	08.03.2023

14.	22CSPB0 Interactions design for XR	The suggestions have been incorporated in	Dr. N.Shivakumar Ms. G. Bhavani	08.05.2023
	 Dr. N.Shivakumar from CSE Department gave brief description of the syllabus. The suggestions given by the experts are Include metaverse 	the syllabus		
15.	Dr. G.Madhu Priya from CSE Department gave brief description of the syllabus. The suggestions given by the experts are Different types of storage to be mentioned Include utility computing models —how a p2p application is orchestrated, how cloud computing service orchestration is done as a cloud service Include federated computing —case studies in the context of AI setup cloud and edge services	The suggestions have been incorporated in the syllabus	Ms. C.Santhiya	08.05.2023
16.	 Virtualization to be mentioned 22CSPD0 - Kernel Programming Dr. G.Madhu Priya from CSE Department gave brief description of the 	The suggestions have been incorporated in the syllabus	Dr. G.Madhu Priya	08.05.2023
	Dr. G.Madhu Priya from CSE Department gave the description of the syllabus. The suggestions given by the experts are Linux kernel vs OS synchronization			,
17.	Dr. M.Vijayalakshmi from CSE Department gave brief description of the syllabus. The suggestions given by the experts are	The suggestions have been incorporated in the syllabus	Dr. M.Vijayalakshmi Dr. G. S. R. Emil Selvan	08.05.2023
18.	21CSRD0 - Graph Analytics • Dr. M.Nirmala Devi from CSE Department gave brief description of the syllabus. The suggestions given by the experts are • Temporal graph and graph enumeration to be covered • Consider distributed path trace algorithm under big graph processing • Fundamental graph problems to be covered	The suggestions have been incorporated in the syllabus	Dr. M.Nirmala Devi Dr. B.Subbulakshmi Dr.M.K.Kavitha Devi	08.05.2023

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19.	21CSRF0 - Cyber Security and Cyber Law	The suggestions have been incorporated in	Dr. C.Senthilkumar Dr. M.Vijayalakshmi	08.03.2023
	 Dr. C.Senthilkumar from CSE Department gave brief description of the 	the syllabus		
	syllabus. The suggestions given by the experts are			
	Adjunct faculty member may also be involved in course delivery	,		
	 Can be offered as flipped classroom mode 			
	ALCON CO. C. L. Blandad Creatom	The suggestions have	Dr. G.Madhu Priya	08.05.2023
20.	21CSRG0 - Cyber Physical System	been incorporated in	Mr. D. Nagendra	er en
	 Dr. G.Madhu Priya from CSE Department gave brief description of the 	the syllabus	Kumar	
	syllabus. The suggestions given by the experts are	9		
	 Some modules can be handled by EEE/Mech faculty 			
	 Suggested Flipped class room delivery for some modules 			
	 Digital twins can be discussed 			
	Design To the U. D. of Design Comment using Comment	The suggestions have	Dr. N.Shivakumar	08.05.2023
21.	21CSRE0 - Agile Project Development using Scrum	been incorporated in	Ms. Rajalavanya	
	 Dr. N.Shivakumar from CSE Department gave brief description of the 	the syllabus	Ms. G. Bhavani	e e
	syllabus. The suggestions given by the experts are			
	Link it with engineering practices			
	 Continuous integration and deployment (CI/CD) 			
	 Include release management 			
		The suggestions have	Dr. K. Sundarakantham	08.05.2023
22.	21CSQA0 - AI for Everyone	been incorporated in	Dr. M. Suguna	
	Mr. S. Santhana Hari from CSE Department gave brief description of the	the syllabus	Mr. S. Santhana Hari	
*	syllabus. The suggestions given by the experts are	-		
	Building AI projects, methodology, CRISP DL	,		
	o Change the course title as "AI for Engineers"		9	
	 Non-technical (can be omitted) 	9		
	 Accommodate NN principle for all domain students 			
	 object detection, framework can be included 			
2	1.C. 1: A domic council meeting	-	-	-
23.	The following courses are passed for approval in Academic council meeting	2.4		
	without change	5 x		
1	22CS570 Network Programming Lab			5
	22CS590 Project - I 22CS590 Project - I 22CS590 Printing I ab			
	22CS670 Distributed Computing Lab			V v
	• 22CS690 Project - II			

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	22CS710 Engineering Economics	9	*	e
	• 22CS790 Project - III	8	at a	
	• 22CS890 Project - IV			
	 22CSPE0 Wireless Networks 	H 1 H 1 H		
	 18CS1P0 Security Threats and Vulnerabilities 			
-	 18CS1Q0 Cloud Computing with AWS 			
24.	The assessment pattern for following courses have been revised: 22CS160 Foundations of Computer Programming, 22CS260 Engineering Graphics and Extended Reality and are passed for approval in Academic council meeting with the following revised codes. 22CS161Foundations of Computer Programming	-	-	-
	22CS261Engineering Graphics and Extended Reality			

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Prepared by Date 8/5/23 Appr	oved byDate	

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-625015 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date of Board of Studies: 29-04-2023

Ref No: CSE/BOS/2023

Date: 29-04-2023

The Members of Board of Studies (Hybrid mode) for the B.E. Computer Science and Engineering to be held on 29.04.2023 (Saturday).

S.No	Name of the Member	Position of the member Position of the member Name of the Organization/ Institution of the member		Position in BOS	Signature	
1.	Dr. S. Mercy Shalinie	Professor & Dean (MIS) Thiagarajar College of Engineering HDCSE, Department of CSE, TCE, Madurai		Chairman		
2.	Dr. Chandrasekar Ramanathan	Professor and Dean(Academics)	IIIT, Bangalore	IIIT, Bangalore	Academic Representative	inline
3.	Dr. A. Sankar	Professor	PSG Tech, Coimbatore	PSG Tech, Coimbatore	Anna University Nominee	online
4.	Dr.S.Karthick	Assistant Professor and Dean(Student Career, Alumni & International Relations)	NIT, Andhra Pradesh	NIT, Andhra Pradesh	Academic Representative and Alumnus	online
5.	Dr. P. Balamurugan	Assistant Professor	Industrial Engineering and Operations Research IIT Bombay	Industrial Engineering and Operations Research IIT Bombay	Academic Representative and Alumnus	online
6.	Mr. Mari Ganesh Kumar	Applied Scientist II	Amazon	Bangalore	Industry Representative	online

7.	Jeshuren Chelladurai,	Applied Scientist	Amazon	Bangalore	Industry Representative	online
8.	Dr. C. Sridharan	Associate Professor, CSE	Thiagarajar College of Engineering	Madurai	Internal Staff	C Swidenm
9.	Prof. M. Sivakumar	Associate Professor, CSE	Thiagarajar College of Engineering	Madurai	Internal Staff	Manubumon
10.	Dr. K. Sundarakantham	Professor, CSE	Thiagarajar College of Engineering	Madurai	Internal Staff	k. Sundarakantham
11.	Dr. C.Senthilkumar	Associate Professor, CSE	Thiagarajar College of Engineering	Madurai	Internal Staff	Character
12.	Dr.M.K.Kavitha Devi	Professor, CSE	Thiagarajar College of Engineering	Madurai	Internal Staff	
13.	Dr. B.Subbulakshmi	APCSE	Thiagarajar College of Engineering	Madurai	Internal Staff	B-Sugar.
14.	Dr. G.S.R. Emil Selvan	APCSE	Thiagarajar College of Engineering	Madurai	Internal Staff	GOD
15.	Dr.M.Vijayalakshmi	Professor, CSE	Thiagarajar College of Engineering	Madurai	Internal Staff	499-14
16.	Dr. S. Prasanna	APCSE	Thiagarajar College of Engineering	Madurai	Internal Staff	
17.	Dr. N.Shivakumar	APCSE	Thiagarajar College of Engineering	Madurai	Internal Staff	British
18.	Dr. M. P. Ramkumar	APCSE	Thiagarajar College of Engineering	Madurai	Internal Staff	al fancenous
19.	Dr.G.MadhuPriya	Associate Professor, CSE	Thiagarajar College of Engineering	Madurai	Internal Staff	E. Nadhy Dry

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20.	Dr. K. Narasimamallikarjunan	Associate Professor, CSE	Thiagarajar College of Engineering	Madurai	Internal Staff	Am
21.	Dr.M.Suguna	APCSE	Thiagarajar College of Engineering	Madurai	Internal Staff	Nag
22.	Dr.R.LeenaSri	Associate Professor, CSE	Thiagarajar College of Engineering	Madurai	Internal Staff	fund
23.	Dr. M. Nirmala Devi	APCSE	Thiagarajar College of Engineering	Madurai	Internal Staff	Testent
24.	Ms.Raja Lavanya	APCSE	Thiagarajar College of Engineering	Madurai	Internal Staff	
25.	Ms. C. Santhiya	APCSE	Thiagarajar College of Engineering	Madurai	Internal Staff	
26.	Mr. D Nagendra Kumar	APCSE	Thiagarajar College of Engineering	Madurai	Internal Staff	DO
27	. Mr. S. Santhana Hari	APCSE	Thiagarajar College of Engineering	Madurai	Internal Staff	17.40ers
28	. Ms. G. Bhavani	APCSE	Thiagarajar College of Engineering	Madurai	Internal Staff	high

Sct. Shehar HDCSE