

SCHOOL OF COMPUTING SCIENCES

DEPARTMENT OF COMPUTER SCIENCE

MINUTES OF THE BOARD OF STUDIES IN COMPUTER SCIENCE HELD ON 06.06.2022

The Board of Studies meeting for B.Sc., (CS) and MCA was held on 6th June 2022 at 12.30 PM. The Board members *Dr. K. Mani*, Associate Professor, *Nehru Memorial College (Autonomous)*, *Puthanampatti, Tiruchirappalli (University Representative)*, and all the faculty members of the Department of Computer Science (both Shift I & Shift II) were Present except *Dr. L. Arockiam* (on ML), and the external members *Dr. C. Balakrishnan* and *Mr. Jude Harris*.

The meeting started with a silent prayer. The Head of the department welcomed the external expert as well as the department faculty members for the Board of Studies Meeting and requested the house to participate in the discussion. Head of the Department presented the programme pattern for MCA and B.Sc. CS.

The Board members discussed and decided the following:

- As decided in the pre-board meeting held on 26-05-2022. The house accepted to retain B.Sc. (CS) 2021 and MCA 2021 syllabus without any changes.
- The board verified and approved the following modified course codes for B.Sc. (CS) & MCA Courses and approved the complete programme pattern for MCA and B.Sc. CS.

Sem.	B.Sc (CS) 2021		
	Old Course Code	Course Title	Modified (New) Course Code
III	21UCS33AO3A	Allied Optional : Applied Physics-I	21UCS33AO03A
	21UCS33AO3B	Allied Optional : Principles of Electronics	21UCS33AO03B
	21UHE34VE3A	Professional Ethics–I: Social Ethics - I	21UHE34VE03A
	21UHE34VE3B	Professional Ethics I: Religious Doctrine- I	21UHE34VE03B
IV	21UTA41GL4B	Scientific Tamil (SBS, SPS,SCS)	21UTA41GL04B
	21UCS43AO4A	Allied Optional : Applied Physics--2	21UCS43AO04A
	21UCS43AO4B	Allied Optional : Communication Electronics	21UCS43AO04B
	21UCS43AP1A	Applied Optional: Physics Practical	21UCS43AP01A
	21UCS43AP1B	Applied Optional: Electronics Practical	21UCS43AP01B
	21UHE44VE4A	Professional Ethics–II: Social Ethics – II	21UHE44VE04A
	21UHE44VE4B	Professional Ethics II: Religious Doctrine- II	21UHE44VE04B
V	21UCS53ES1A	DSE -1:Operating Systems	21UCS53ES01A
	21UCS53ES1B	DSE-1: Digital Marketing	21UCS53ES01B
	21UCS53ES2A	DSE -2: Computer Networks	21UCS53ES02A
	21UCS53ES2B	DSE -2: Security in Computing	21UCS53ES02B
VI	21UCS63ES3A	DSE -3: Big Data Analytics	21UCS63ES03A
	21UCS63ES3B	DSE -3: Cloud Computing	21UCS63ES03B
	21UCS63ES4A	DSE -4: Internet of Things	21UCS63ES04A
	21UCS63ES4B	DSE-4: Artificial Intelligence and Machine Learning	21UCS63ES04B

Sem.	MCA 2021		
	Old Course Code	Course Title	Modified (New) Course Code
I	21PCA1ES1A	DSE-1: Digital Computer Architecture	21PCA1ES01A
	21PCA1ES1B	DSE -1 :Graph and Automata Theory	21PCA1ES01B
II	21SCS2ES2A	DSE -2: Design and Analysis of Algorithm	21SCS2ES02
	21PCA2EG1A	GE-1(WS): Applied Statistics using R	21PCA2EG01
	21PMA2EG1B	GE-1(WS): Mathematical Foundations	21PMA2EG01
III	21PCA3ES3A	DSE -3: MEAN Stack WebApp Development	21PCA3ES03A
	21PCA3ES3B	DSE -3:PHP Programming	21PCA3ES03B
IV	21PCA4ES4A	DSE -4:Recent trends in Computer Science	21PCA4ES04A
	21PCA4ES4B	DSE -4:Big Data Analytics	21PCA4ES04B
MCA Bridge Courses for Non-Computer Science Stream Students			
I	21PCA1BCC1	C Programming	21PCA1BC01
	21PCA1BCC2	C Programming Lab	21PCA1BC02
II	21PCA2BCC3	Web Design (HTML5, Java Script & CSS)	21PCA2BC03
	21PCA2BCC4	Web Design (HTML5, Java Script & CSS) Lab	21PCA2BC04
III	21PCA3BCC5	Web Graphics	21PCA3BC05
	21PCA3BCC6	Web Graphics Lab	21PCA3BC06

Any other matter:

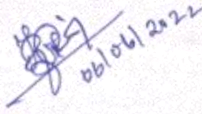
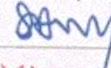
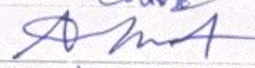
The Head of the department requested the faculty members (Those who are not given) to give panel of examiners for the course designed by them in B.Sc (CS) & MCA 2021 at the earliest.

The meeting came to an end with the thanking note of the HoD at 1.00 PM.

B. Sc. COMPUTER SCIENCE								
PROGRAMME PATTERN								
Course Details						Scheme of Exams		
Sem	Part	Course Code	Course Title	Hrs	Cr	CIA	SE	Final
I	1	21UTA11GL01	General Tamil - I	4	3	100	100	100
		21UFR11GL01	French-I					
		21UHI11GL01	Hindi-I					
		21USA11GL01	Sanskrit-I					
	2	21UEN12GE01	General English -I	5	3	100	100	100
	3	21UCS13CC01	Problem Solving using C	5	3	100	100	100
		21UCS13CC02	Digital Computer Fundamentals	5	3	100	100	100
		21UCS13CP01	Software Lab 1: Programming with C	3	2	100	100	100
		21UCS13AC01	Allied: Mathematics-1	6	4	100	100	100
	4	21UEN14AE01	AECC-1 : Communicative English	(6)	4	100	-	100
		21UHE14VE01	Essentials of Humanity	2	1	50	50	50
Total				30	23			
II	1	21UTA21GL02	General Tamil - II	4	3	100	100	100
		21UFR21GL02	French-II					
		21UHI21GL02	Hindi-II					
		21USA21GL02	Sanskrit-II					
	2	21UEN22GE02	General English -II	5	3	100	100	100
	3	21UCS23CC03	Object Oriented Programming with C++	4	3	100	100	100
		21UCS23CC04	Data Structures and Algorithms	4	2	100	100	100
		21UCS23CP02	Software Lab 2: C++ and Data Structures	3	2	100	100	100
		21UCS23AC02	Allied: Mathematics-2	6	4	100	100	100
	4	21UHE24AE02	AECC-2: Environmental Studies	2	2	50	50	50
		21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
			Extra Credit Courses (MOOC)-1	-	(2)			
	Total				30	20(2)		
III	1	21UTA31GL03	General Tamil - III	4	3	100	100	100
		21UFR31GL03	French-III					
		21UHI31GL03	Hindi-III					
		21USA31GL03	Sanskrit-III					
	2	21UEN32GE03	General English -III	5	3	100	100	100
	3	21UCS33CC05	Discrete Mathematics	4	3	100	100	100
		21UCS33CC06	Database Systems	4	2	100	100	100
		21UCS33CP03	Lab 3:Hardware	3	2	100	100	100
		21UCS33AO03A	Allied Optional : Applied Physics-I	4	3	100	100	100
		21UCS33AO03B	Allied Optional : Principles of Electronics-I	2	*	-	-	-
		@	Applied Physics Practical					
	4	@	Electronics Practical	2	1	100	-	100
		21UCS34SE01	SEC -1 (WD): RDBMS	2	1	100	-	100
		21UHE34VE03A	Professional Ethics–I:Social Ethics - I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics I: Religious Doctrine- I		(2)			
			Extra Credit Courses (MOOC)					
Total				30	18(2)			
	1	21UTA41GL04B	Scientific Tamil (SBS, SPS,SCS)	4	3	100	100	100
		21UFR41GL04	French- IV					
		21UHI41GL04	Hindi- IV					
		21USA41GL04	Sanskrit- IV					
	2	21UEN42GE04	General English - IV	5	3	100	100	100
		21UCS43CC07	Operations Research	4	3	100	100	100
		21UCS43CC08	Python Programming	4	2	100	100	100
		21UCS43CP04	Software Lab 4: Python Programming	3	2	100	100	100

IV	3	21UCS43AO04A	Allied Optional: Applied Physics-2	4	3	100	100	100
		21UCS43AO04B	Allied Optional: Principles of Electronics-2					
		21UCS43AP01A	Applied Optional: Physics Practical					
		21UCS43AP01B	Applied Optional: Electronics Practical					
	4	21UCS44SE02	SEC -2 (BS) : Data Analysis Using Spreadsheet	2	1	100	-	100
	4	21UHE44VE04A	Professional Ethics–II: Social Ethics - II	2	1	50	50	50
		21UHE44VE04B	Professional Ethics II: Religious Doctrine- II					
			Total	30	20			
V	3	21UCS53CC09	Java Programming	4	2	100	100	100
		21UCS53CC10	Distributed Technology	4	2	100	100	100
		21UCS53CP05	Software Lab 5: Java Programming	3	2	100	100	100
		21UCS53CP06	Software Lab 6: Distributed Programming	3	2	100	100	100
		21UCS53ES01A	DSE -1: Operating Systems	5	3	100	100	100
		21UCS53ES01B	DSE-1: Digital Marketing					
		21UCS53ES02A	DSE -2: Computer Networks	5	3	100	100	100
		21UCS53ES02B	DSE -2: Security in Computing					
		21UCS53IS01	Internship	-	2	100	-	100
		21UCS53SP01	Self-paced Learning : Web Ethics	-	2	50	50	50
		21UCS53FV01	Field study/ Industrial visit/ Case study	-	1	100	-	100
	4	21UCS54SE03	SEC -3 : Soft Skills	2	1	100	-	100
	4	21UCS54EG01	GE-1: Ethical Hacking	4	3	100	100	100
			Extra Credit Courses (MOOC)-3	-	(2)			
			Total	30	23(2)			
VI	3	21UCS63CC11	Software Engineering	4	3	100	100	100
		21UCS63CC12	Mobile Application Development using Android	4	3	100	100	100
		21UCS63CP07	Software Lab 7: Android Programming	3	2	100	100	100
		21UCS63ES03A	DSE -3: Big Data Analytics	5	3	100	100	100
		21UCS63ES03B	DSE -3: Cloud Computing					
		21UCS63ES04A	DSE -4: Internet of Things	5	3	100	100	100
		21UCS63ES04B	DSE-4: Artificial Intelligence and Machine Learning					
		21UCS63PW01	Project Work	3	2	100	100	100
		21UCS63CE01	Comprehensive Examination	-	2	50	50	50
	4	21UCS64SE04	SEC -4 (WS): E-Services and Applications	2	1	100	-	100
		21UCS64EG02	GE-2: 3D Printing and Design	4	3	100	100	100
			Total	30	22			
I-VI	5	21UCW65OR01	Outreach Programme (SHEPHERD)		4			
			TOTAL (three years)	180	130(6)			

MCA (MASTER OF COMPUTER APPLICATIONS)							
PROGRAMME PATTERN							
Course Details					Scheme of Exams		
Sem	Course Code	Course Title	Hrs	Cr	CIA	SE	Final
I	21PCA1CC01	Database Systems	5	4	100	100	100
	21PCA1CC02	Operations Research	5	4	100	100	100
	21PCA1CC03	Programming in Java	5	4	100	100	100
	21PCA1CP01	Software Lab – 1: Java	3	3	100	100	100
	21PCA1CP02	Software Lab – 2: RDBMS	3	3	100	100	100
	21PCA1ES01A	DSE-1: Digital Computer Architecture	5	4	100	100	100
	21PCA1ES01B	DSE -1 :Graph and Automata Theory					
	21PCA1AE01	AEC :OrganisationalBehaviour	4	3	50	50	50
	Total		30	25			
II	21PCA2CC04	Programming Smart Devices	4	3	100	100	100
	21PCA2CC05	Software Engineering	4	3	100	100	100
	21PCA2CC06	Data Analysis using Python	4	3	100	100	100
	21PCA2CP03	Software Lab – 3: Programming Smart Devices	3	3	100	100	100
	21PCA2CP04	Software Lab – 4: Python	2	2	100	100	100
	21PCA2SP01	Self-Paced Learning: XML	-	2	50	50	50
	21SCS2ES02	DSE -2: Design and Analysis of Algorithms	5	4	100	100	100
	21PSS2SE01	SEC: Soft skills	4	3	100	-	100
	21PCA2EG01	GE-1(WS): Applied Statistics using R	4	3	100	100	100
	21PMA2EG01	GE-1(WS): Mathematical Foundations					
	---	Extra Credit Courses (MOOC)-1	-	(2)			
	Total		30	26(2)			
III	21PCA3CC07	Distributed Technologies	5	4	100	100	100
	21PCA3CC08	Computer Networks and Security	5	4	100	100	100
	21PCA3CC09	Accounting and Financial Management	5	4	100	100	100
	21PCA3CP05	Software Lab -5: Distributed Technologies	3	3	100	100	100
	21PCA3CP06	Case Study based Application Development	3	3	100	100	100
	21PCA3ES03A	DSE -3: MEAN Stack WebApp Development	5	4	100	100	100
	21PCA3ES03B	DSE -3:PHP Programming					
	21PCA3EG02	GE-2 (BS): Web Design	4	3	100	100	100
	21PCA3CE01	Comprehensive Examination	-	2	50	50	50
	---	Extra Credit Courses (MOOC)-2		(2)			
	Total		30	27(2)			
IV	21PCA4ES04A	DSE -4:Recent trends in Computer Science#	5	4	100	100	100
	21PCA4ES04B	DSE -4:Big Data Analytics #					
	21PCA4PW01	Project Work & Viva-Voce	25	24	100	100	100
	---	Extra Credit Courses (MOOC)-3	-	(2)			
	Total		30	28(2)			
I-IV	21PCW4OR01	Outreach Programme (SHEPHERD)		4			
Total (Four Semesters)			120	110(6)			

BOARD OF STUDIES MEETING - HELD ON 06-06-2022		
DEPARTMENT OF COMPUTER SCIENCE		
St. JOSEPH'S COLLEGE(AUTONOMOUS)		
TIRUCHIRAPPALLI -620002		
S. No.	Name and address	Signature
1.	Dr. K. Mani, Associate Professor, Department Of Computer Science, Nehru Memorial College (Autonomous), Puthanampatti - 621 007, Tiruchirappalli District (University Representative)	 06/06/2022
2.	Dr. C. Balakrishnan, Alagappa Institute of Skill Development, Alagappa University, Karaikudi - 630 003, E-mail: balasjc@gmail.com Mobile: 9865782529 (Subject Expert)	—
3.	Mr. P. Tony Reagan 129, Aruvi Block, St. Paul's Complex, 1 Floor Bharathiar salai, Trichy - 620 001, E-mail: tonyreagan@systechacademy.com Mobile: 9842496097	—
4.	Mr. A. Charles	
5.	Dr. D. P. Jeyapalan	
6.	Dr. S. Albert Rabara	
7.	Dr. L. Arockiam	ML
8.	Mr. V. S. Joe Irudayaraj	V. S. Joe Irudayaraj
9.	Dr. D. Ravindran	
10.	Dr. S. Britto Ramesh Kumar	
11.	Dr. A. Aloysius	
12.	Dr. V. Jude Nirmal	
13.	Rev. Dr. S. Arul Oli SJ	

	Rev. Dr. S. Santiago SJ	<i>S. Santiago</i>
15.	Dr. K.R. Martin	<i>K.R. Martin</i>
16.	Mr. J. Rex	<i>J. Rex</i>
17.	Ms. S. Josephine Theresa	<i>S. Josephine</i>
18.	Dr. K. Maheswaran	<i>K. Maheswaran</i>
19.	Mr. C. Mohanraja	<i>C. Mohanraja</i>
20.	Dr. B. Rex Cyril	<i>B. Rex Cyril</i>
21.	Dr. J. Antony John Prabu	<i>J. A. John Prabu</i>
22.	Dr. A. Vimal Jerald	<i>A. Vimal Jerald</i>
23.	Mr. Y. Sunil Raj	<i>Y. Sunil Raj</i>
24.	Dr. T. Kokilavani	<i>T. Kokilavani</i>
25.	Ms. A.H. Amalorpava Akila	<i>A.H. Amalorpava Akila</i>
26.	Ms. S. Thulasi Bharathi	<i>S. Thulasi Bharathi</i>
27.	Dr. A. Jenifer Jothi Mary	<i>A. Jenifer Jothi Mary</i>
28.	Ms. Sherine Dominick	<i>Sherine Dominick</i>

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