(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

26th Meeting on 23.07.2022

AGENDA

- 26.1 To consider the minutes of the 25th meeting of the Board of Studies in Computer Applications held on 23.10.2021.
- 26.2 To consider the curriculum and syllabi under CBCS for the 3rd semester MCA under Regulations 2020 for the batch of students admitted during 2021 2022 (Appendix I).
- 26.3 To consider the curriculum and syllabi under CBCS for the 1st semester MCA under Regulation 2022 for the batch of students to be admitted during 2022 2023 (Appendix II).

26.4 Any other.

11.07.2022

Chairman

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

Minutes of the 26th meeting of the board of studies in Computer Applications held on 23.07.2022

MEMBERS PRESENT

1. Dr. V. Sathya Chairman 2. Dr. J.B. Jona University Nominee 3. Dr. S. Nickolas Academic Council Nominee 4. Dr. George Dharma Prkeshraj Academic Council Nominee 5. Mr. Victor Sundaraj Industry Representative 6. Mr. S. Sathishkumar Alumni 7. Dr. B.N. Sivakumar, HoD/MBA Interdisciplinary Expert 8. Dr. M. Lilly Florence, Prof./CSE Interdisciplinary Expert 9. Dr. D. Swamydoss Internal Member Internal Member 10. Prof. N. Sakthivel Internal Member 11. Prof. N. Amutha Internal Member 12. Prof. R. Sakthidharapriya

26.1 To consider the minutes of the 25th meeting of the Board of Studies in Computer Applications held on 23.10.2021.

RESOLVED that the minutes of 25th meeting of the Board of Studies in Computer Applications has been considered.

26.2 To consider the curriculum and syllabi under CBCS for the 3rd semester MCA under Regulations - 2020 for the batch of students admitted during 2021 – 2022.

RESOLVED that the curriculum and syllabi under CBCS for the 3^{rd} semester MCA under Regulation - 2020 for the batch of students admitted during 2021 - 2022 be approved (*Appendix - I*).

26.3 To consider the curriculum and syllabi under CBCS for the semester MCA under Regulation - 2022 for the batch of students to be admitted during 2022 - 2023

RESOLVED that the curriculum and syllabi under CBCS for the 1st semester MCA under Regulation - 2022 for the batch of students admitted during 2022 - 2023 be approved (*Appendix - II*).

23.07.2022

Chairman

Sem	Course		oplications- 26 th BoS Recommendation (New Course Introduced/ Contents Incorporated
Sem	Code	Name of the Course	in the Corresponding Course)
			2022-2022
			New Course Introduced
			 Unit-I Data, Expression, Statements
1	120CAT02	Python Programming	Unit-II Control, Flow, Functions
	1200/1102	1 yulon r togramming	Unit-III List, Tuples and Dictionaries
			 Unit-IV Files, Modules and Packages
			Unit-V OOC and DB Integration in Python
			New Course Introduced
			 Develop Fruitful functions
2	120CAP06	Python Programming	 List, Tuples and Dictionaries
		Lab	File Concept
	r Wasa		Inheritance
			 MySQL Database
	120CAE07	Business Processes	The following unit were added in this course
3			 Unit-III Business Process RE-Engineering
			Unit-IV BPR and IT Industry
			Unit – V Business Process
4	320CAT01	Web Programming	In Unit –V Introduced by Framework – Codeignter
			Framework Installation – Laravel Framework View
5	320CAT02	Mobile Application Development	Unit-III View and Data Persistence and Unit-IV
			Messaging, Networking and Location Based Service were added.
6	320CAT03	Big Data	Unit –V Data Streaming and Hadoop Clustering
	320CA103	Management	introduced in this course
			New Course Introduced
	-		 Unit-I Fundamentals of Agile
_		Agile Software	 Unit-II Agile Scrum Framework
7	320CAE03	Development	 Unit-III Agile Testing
		2 c. c.opinient	 Unit-IV Agile Software Design and
			Development
		D. C. i. i.	 Unit-V Industry Trends
8	320CAE06	Professional	Unit-IV Presentation strategies added in this
		Communications Mobile Applications	courses
9	320CAL02	Mobile Application Development	Experiment based on iOS updated in this course
eedha	ck obtained ab	out Curriculum and sall-	

Feedback obtained about Curriculum and syllabus from Stakeholders(Faculty, Student, Alumni, Employers) were also discussed and concluded.

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

25th Meeting on 23.10.2021

AGENDA

- 25.1 To consider the minutes of the 24th meeting of the Board of Studies in Computer Applications held on 27.03.2021.
- 25.2 To consider the curriculum and syllabi under CBCS for the 6th semester MCA under Regulations - 2018 for the batch of students admitted during 2019 - 2020 (Appendix I).
- 25.3 To consider the curriculum and syllabi under CBCS for the 4th semester MCA under Regulations - 2020 for the batch of students admitted during 2020 - 2021 (Appendix II).
- 25.4 To consider the curriculum and syllabi under CBCS for the 2nd semester MCA under Regulation - 2020 for the batch of students admitted during 2021 - 2022 (Appendix III).

25.5 Any other.

13.10.2021

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

Minutes of the 25th meeting of the board of studies in Computer Applications held on 23.10.2021

MEMBERS PRESENT

1. Prof. N. Sakthivel 2. Dr. J.B. Jona 3. Dr. S. Nickolas

4. Dr. George Dharma Prakeshraj

5. Mr. Victor Sundaraj 6. Mr. S. Sathishkumar

7. Dr. B.N. Sivakumar, HoD/MBA

8. Dr. M. Lilly Florence, Prof./CSE

9. Dr. D.Swamydoss 10. Prof. N. Amutha

Chairman

University Nominee

Academic Council Nominee Academic Council Nominee Industry Representative

Alumni

Interdisciplinary Expert Interdisciplinary Expert

Internal Member Internal Member

25.1 To consider the minutes of the 24th meeting of the Board of Studies in Computer Applications held on 27.03.2021.

RESOLVED that the minutes of 24th meeting of the Board of Studies in Computer Applications has been considered.

25.2 To consider the curriculum and syllabi under CBCS for the 6th semester MCA under Regulation 2018 for the batch of students admitted during 2019 - 2020.

RESOLVED that the curriculum and syllabi under CBCS for the 6th semester MCA under Regulation 2018 for the batch of students admitted during 2019 - 2020 be approved (Appendix - I).

25.3 To consider the curriculum and syllabi under CBCS for the 4th semester MCA under 2020 regulations for the batch of students admitted during 2020 – 2021

RESOLVED that the curriculum and syllabi under CBCS for the 4^{th} semester MCA under Regulation 2020 for the batch of students admitted during 2020 - 2021 be approved (*Appendix – II*).

25.4 To consider the curriculum and syllabi under CBCS for the 2nd semester MCA under Regulation 2020 for the batch of students admitted during 2021 – 2022.

RESOLVED that the curriculum and syllabi under CBCS for the 2nd Semester MCA under Regulation 2020 for the batch of students admitted during 2021 – 2022 be approved (*Appendix – III*).

23.10.2021

Chairman

Sem	Course Code	Name of the Course	oplications- 25 th BoS Recommendation (New Course Introduced/ Contents Incorporated in the Corresponding Course)
	T		2021-2022
1.	220CAT02	Object Oriented Programming using Java	New Course Introduced Unit-I Java Fundamentals Unit-II Exception Handling and Multithreading Unit-III AWT and Event Handling Unit-IV Networking and SQL Packages Unit-V Collection Framework
2	220CAT03	Cloud Computing	The following unit were modified in this course Unit-III Cloud Service and File Systems Unit-IV Virtualization Unit-V Security in Cloud
3	220CAE0 5	Data Mining and Data Warehousing	The following unit were modified in this course • Unit-III Classification and Clustering • Unit-IV Data Warehousing • Unit- V Applications
4	220CAE06	Digital Marketing	The following unit were modified in this course Marketing Trends Affiliate and Marketing on Internet Consumer Search and Resource Discovery
5	220CAL01	Java Programming Lab	Develop a chat application using Java API added in this course
6	220CAL05	Data Mining and Data Warehousing Lab	Naïve Bayes Classification and K-Nearest Neighbour Classification added in this course.

Feedback obtained about Curriculum and syllabus from Stakeholders (Faculty, Student, Alumni, Employers) were also discussed and concluded.

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(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

24st Meeting on 27.03.2021

AGENDA

- 24.1 To consider the minutes of the 23rd meeting of the Board of Studies in Computer Applications held on 17.10.2020.
- 24.2 To consider the curriculum and syllabi under CBCS for the 5th semester MCA under Regulation 2018 for the batch of students admitted during 2019 2020 (Appendix I).
- 24.3 To consider the curriculum and syllabi under CBCS for the 3rd semester MCA under 2020 regulations for the batch of students admitted during 2020 2021 (Appendix II).
- 24.4 To consider the curriculum and syllabi under CBCS for the 1st semester MCA under Regulation 2020 for the batch of students to be admitted during 2021 2022 (Appendix III).

24.5 Any other.

Chairman

15.03.2021

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

Minutes of the 24th meeting of the board of studies in Computer Applications held on 27.03.2021

MEMBERS PRESENT

1. Dr. S. Thirukumaran

2. Dr. J B Jona

3. Dr. S Nickolas

4. Dr. George Dharma Prkeshraj

5. Mr. Victor Sundaraj

6. Mr. S Sathishkumar

7. Dr. B.N. Sivakumar, HoD/MBA

8. Dr. M. Lilly Florence, Prof./CSE

9. Dr. D.Swamydoss

10. Prof. N. Sakthivel

Chairman

University Nominee

Academic Council Nominee

Academic Council Nominee

Industry Representative

Alumni

Interdisciplinary Expert

Interdisciplinary Expert

Internal Member

Internal Member

24.1 To consider the minutes of the 23rd meeting of the Board of Studies in Computer Applications held on 17.10.2020.

RESOLVED that the minutes of 23rd meeting of the Board of Studies in Computer Applications has been considered.

24.2 To consider the curriculum and syllabi under CBCS for the 5th semester MCA under Regulation 2018 for the batch of students admitted during 2019 – 2020.

RESOLVED that the curriculum and syllabi under CBCS for the 5^{th} semester MCA under Regulation 2018 for the batch of students admitted during 2019 - 2020 be approved (*Appendix – I*).

24.3 To consider the curriculum and syllabi under CBCS for the 3rd semester MCA under 2020 regulations for the batch of students admitted during 2020 – 2021

RESOLVED that the curriculum and syllabi under CBCS for the 3rd semester MCA under Regulation 2020 for the batch of students admitted during 2020 – 2021 be approved (*Appendix – II*).

24.4 To consider the curriculum and syllabi under CBCS for the semester MCA under Regulation 2020 for the batch of students to be admitted during 2021 - 2022.

RESOLVED that the curriculum and syllabi under CBCS for the 1st Semester MCA under Regulation 2020 for the batch of students to be admitted during 2021 – 2022 be approved (Appendix – III).

27.03.2021

Chairman

8.7

Chairman, Board of Studies
For thy at the poster Applications (MCA) (PG)
Adinyamana Coffage of Engineering (Autonomous)
Hosur - 635 169
Krishnag-ri (Dt), Tamit Nadu.

	Departn	nent Of Computer A	pplications- 24th BoS Recommendation
Sem	Course	Name of the Course	(New Course Introduced/ Contents Incorporat
	Code	South And Control of the Control of	in the Corresponding Course)
			2021-2022
			New Course Introduced
			 Unit-I Data, Expression, Statements
1	120CAT02	Python Programming	 Unit-II Control, Flow, Functions
	20	- Julian Frogramming	• Unit-III List, Tuples and Dictionaries
			 Unit-IV Files, Modules and Packages
e mer	Service services (Cont.)	e granta ic see con, ,	 Unit-V OOC and DB Integration in Pytho
			New Course Introduced
			 Develop Fruitful functions
2	120CAP06	Python Programming	 List, Tuples and Dictionaries
		Lab	File Concept
			Inheritance
			 MySQL Database
			The following unit were added in this course
3	120CAE07	Business Processes	 Unit-III Business Process RE-Engineering
		Dubiness Trocesses	Unit-IV BPR and IT Industry
			 Unit – V Business Process
4	320CAT01	Web Programming	In Unit -V Introduced by Framework - Codeignte
		- Togramming	Framework Installation – Laravel Framework Vie
5	2200 4 702	Mobile Application	Unit-III View and Data Persistence and Unit -IV
3	320CAT02	Development	Messaging, Networking and Location Based
			Service were added.
6	320CAT03	Big Data	Unit -V Data Streaming and Hadoop Clustering
		Management	introduced in this course
			New Course Introduced
_			Unit-I Fundamentals of Agile
7	320CAE03	Agile Software	Unit-II Agile Scrum Framework
,	320CAL03	Development	Unit-III Agile Testing
			Unit-IV Agile Software Design and
			Development
		Professional	Unit-V Industry Trends Heit N/P
8	320CAE06	Communications	Unit-IV Presentation strategies added in this
	2222	Mobile Application	courses
9	320CAL02	Development	Experiment based on iOS updated in this course
			The following content added in this course
	** *******		Unit –II Architecture Overview
10	518CAT01	Internet of Things	Unit-IV Architecture Reference Model
Service of			• Unit – V Real World Design Constraints
			Unit –V Commercial Building automation
			New Course Introduced
			Unit-I Introduction to Javascript
11	518CAT02	Advanced Java	Unit-II Javascript Object
	510CA102	Scripting Language	Unit-III Angular JS Basics
		000 200000 10-3	Unit-IV Node JS
			Unit-V Reach JS
	8	Open Sources	The following unit added in this course
2	518CAT03	Technologies	Unit-III Python Network and GUI
	-	1 John Ologics	Programming

			Unit-IV Python for Data AnalysisUnit – V Python and AWS
13	518CAE02	Big Data Management	The following unit added in this course Unit – III Map Reduce Unit-IV Pig, Hive and Hbase Data Streaming and Hadoop Clustering
14	518CAE09	Digital Marketing Management	 The Following unit added in this course Unit-III Marketing Trends Unit – IV Affiliate and Marketing on Internet Unit-V Consumer Search and Resource Discovery
15	518CAL01	Advanced Javascript Lab	New course Introduced
16	518CAL02	Open Source Technologies Lab	The following experiment added in this course • Python PyQt • QMessageBox • wxPython • Data Analysis using Pandas • Python Django • Python Flask abus from Stakeholders(Faculty, Student, Alumni,

and

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications 23rd Meeting on 17.10.2020

AGENDA

- 23.1 To consider the minutes of the 22nd meeting of the Board of Studies in Computer Applications held on 06.11.2019.
- 23.2 To consider the minutes of meeting of the Board of Studies in Computer Applications held on 18.06.2020.
- 23.3 To consider the curriculum and syllabi under CBCS for the 5th semester MCA under 2018 regulations for the batch of students admitted during 2018 - 19 (Appendix I).
- 23.4 To consider the curriculum and syllabi under CBCS for the 3rd semester MCA under 2018 regulations for the batch of students admitted during 2019 - 20 (Appendix II).
- 23.5 To consider the curriculum and syllabi under CBCS for the 1st semester MCA under 2020 regulations for the batch of students to be admitted during 2020 - 21 (Appendix III).
- 23.6 To consider the bridge course of one year duration for the Non Computer Science students under 2020 regulations for the batch of students to be admitted during 2020 - 2021 (Appendix IV).
- 23.7 To consider the curriculum and syllabi under CBCS for the 6th semester MCA under 2018 regulations for the batch of students admitted during 2018 - 19 (Appendix V).
- 23.8 To consider the curriculum and syllabi under CBCS for the 4th semester MCA under 2018 regulations for the batch of students admitted during 2019 - 20 (Appendix VI).
- 23.9 To consider the curriculum and syllabi under CBCS for the 2nd semester MCA under 2020 regulations for the batch of students to be admitted during 2020 - 21 (Appendix VII).
- 23.10 To Consider the Panel of Examiners for the purpose of Evaluation (Appendix VIII).

23.11 Any other.

Chairman, Board or Studies Faculty of Computer Applications (MCA) (PG) Adhiyamaan Coffege of Engineering (Autonomous) Hosur - 635 109

Krishnagiri (Dt), Tamil Nadu.

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

Minutes of the 23rd meeting of the board of studies in Computer Applications held on 17.10.2020

MEMBERS PRESENT

1. Dr. S. Thirukumaran Chairman 2. Dr. J B Jona University Nominee 3. Dr. S Nickolas Academic Council Nominee 4. Dr. George Dharma Prkeshraj **Academic Council Nominee** 5. Mr. Victor Sundaraj **Industry Representative** 6. Mr. S Sathishkumar S Alumni 7. Dr. B.N. Sivakumar, HoD/MBA Interdisciplinary Expert 8. Dr. M. Lilly Florence, Prof./CSE Interdisciplinary Expert 9. Dr. D.Swamydoss Internal Member 10. Prof. N. Sakthivel Internal Member

23.1 To consider the minutes of the 22nd meeting of the Board of Studies in Computer Applications held on 06.11.2019.

RESOLVED that the minutes of 22nd meeting of the Board of Studies in Computer Applications has been considered.

23.2 To consider the minutes of meeting of the Board of Studies in Computer Applications held on 18.06.2020.

RESOLVED that the minutes of meeting of the Board of Studies in Computer Applications has been considered.

23.3 To consider the curriculum and syllabi under CBCS for the 5th semester MCA under 2018 regulations for the batch of students admitted during 2018 – 19

RESOLVED that the curriculum and syllabi under CBCS for the 5th semester MCA under Regulation 2018 for the batch of students admitted during 2018 - 2019 be approved (*Appendix - I*).

23.4 To consider the curriculum and syllabi under CBCS for the 3rd semester MCA under 2018 regulations for the batch of students admitted during 2019 – 20

RESOLVED that the curriculum and syllabi under CBCS for the 3^{rd} semester MCA under Regulation 2018 for the batch of students admitted during 2019 - 2020 be approved (*Appendix - II*).

23.5 To consider the curriculum and syllabi under CBCS for the 1st semester MCA under 2020 regulations for the batch of students to be admitted during 2020 – 21

RESOLVED that the curriculum and syllabi under CBCS for the 1st semester MCA under Regulation 2020 for the batch of students to be admitted during 2020 – 2021 be approved (*Appendix – III*).

23.6 To consider the bridge course of one year duration for the Non Computer Science students under 2020 regulations for the batch of students to be admitted during 2020 – 2021

RESOLVED that the bridge course of one year duration for the Non Computer Science students under 2020 regulations for the batch of students to be admitted during 2020-2021 be approved (*Appendix – IV*).

23.7 To consider the curriculum and syllabi under CBCS for the 6th semester MCA under 2018 regulations for the batch of students admitted during 2018 – 19

RESOLVED that the curriculum and syllabi under CBCS for the 6^{th} semester MCA under 2018 regulations for the batch of students admitted during 2018 - 19 be approved (*Appendix - V*).

23.8 To consider the curriculum and syllabi under CBCS for the 4th semester MCA under 2018 regulations for the batch of students admitted during 2019 – 20.

RESOLVED that the curriculum and syllabi under CBCS for the 4^{th} semester MCA under 2018 regulations for the batch of students admitted during 2019 - 20 be approved (*Appendix - VI*).

23.9 To consider the curriculum and syllabi under CBCS for the 2nd semester MCA under 2020 regulations for the batch of students to be admitted during 2020 – 21

RESOLVED that the curriculum and syllabi under CBCS for the 2nd semester MCA under 2020 regulations for the batch of students to be admitted during 2020 – 21 be approved (*Appendix – VII*).

23.10 To Consider the Panel of Examiners for the purpose of Evaluation

RESOLVED that the Panel of Examiners for the purpose of Evaluation be approved (*Appendix - VIII*).

17.10.2020

Chairman

	Department Of Computer Applications- 23th BoS Recommendation			
Sem	Course	Name of the Course	(New Course Introduced/ Contents	
	Code	COURSE TAKEN COMMENTS EDUCATION OF SEP-	Incorporated in the Corresponding Course)	
	1		2020-2021	
	0		New Course Introduced	
			Unit-I Data, Expression, Statements	
1	120CAT02	Python Programming	 Unit-II Control, Flow, Functions 	
			• Unit-III List, Tuples and Dictionaries	
			Unit-IV Files, Modules and Packages	
			Unit-V OOC and DB Integration in Python	
			New Course Introduced	
		D-d D	Develop Fruitful functions	
2	120CAP06	Python Programming	• List, Tuples and Dictionaries	
		Lab	File Concept	
			• Inheritance	
	+		MySQL Database The City of the control of the city of the ci	
	1		The following unit were added in this course	
3	120CAE07	Business Processes	Unit-III Business Process RE-Engineering	
			Unit-IV BPR and IT Industry	
			Unit – V Business Process	
		Object Oriented Programming using Java	New Course Introduced	
			Unit-I Java Fundamentals	
4	220CAT02		Unit-II Exception and Multithreading	
			Unit-III AWT and Event Handling	
			Unit-IV Networking and SQL Packages	
			Unit-V Collection Framework The full principle of the full p	
			The following unit were modified in this course	
5	220CAT03	Cloud Computing	Unit-III Cloud Service and File Systems	
			Unit-IV Virtualization	
			Unit-V Security in Cloud The following write ways 157 1 is 11.	
Linear Li	ELM Faces a R. C.	Data Mining and Data Warehousing	The following unit were modified in this course	
6	220CAE05		Unit-III Classification and Clustering Unit-IV Data Warehousing	
		Julia Warehousing	Unit-IV Data WarehousingUnit- V Applications	
			The following unit were modified in this course	
7	2200		Marketing Trends	
7	220CAE06	Digital Marketing	 Affiliate and Marketing on Internet 	
			Consumer Search and Resource Discovery	
0	22004101	Java Programming	Develop a chat application using Java API added in	
8	220CAL01	Lab	this course	
		Data Mining and		
9	220CAL05	Data Warehousing	Naïve Bayes Classification and K-Nearest	
		Lab	Neighbour Classification added in this course.	
			Three Unit were modified in this course	
10.	318CAT01	Java Programming	 Unit – II I/O Multithreading Concepts 	
		out a rogialliming	Unit-III AWT and Event Handling	
-			 Unit – V Java Servlet 	
Alberta.	9.4% (9.25)		 Unit –IV Application Development on 	
,,	2100 - 5	C# and DOT Net	.NET	
11.	318CAT03	Programming	 Unit –V Web Based Application 	
			Development on .NET	
			 Unit IV and Unit –V updated 	

12.	318CAP06	Java Programming Lab	The following Lab exercise added
13.	318CAE03	Advanced Database Management Systems	The following Unit added in this course Unit-III Intelligent Databases Unit- IV Data Models Unit –V XML Database
14.	318CAE07	Human Resource Management	 Entire Syllabus of the course introduced. Unit – I Introduction to HRM Unit-II HR Planning, Recruitment and Selection Unit-III Wage, Salary Administration & Appraising and Managing Performance Unit-IV Training and Executing Development. Unit-V Recent Trends in HR
15.	318CAL01	C# & DOT NET Programming Lab	The Following exercise added in this course Calculator Widget Window Application using ADO.Net Master Page using ASP.Net Develop Web Page using Web Services.
16.	418CAT01	Web Programming	The following unit added in this course Unit-III Working with Database and Cookies Unit – V PHP Frameworks
17.	418CAT02	Data Warehousing and Data Mining	Particular content added in the following unit. • Unit-II – Mining Association Rules: Apriori Algorithm- Partition Algorithm and FP-Free Growth Algorithm • Unit-III Hierarchical Methods: BIRCH, ROCK and CHAMELON
18.	418CAT03	Mobile Application Development	 Unit –V Applications. The following unit added in this course Unit-II Activities, Intents and Components Unit-III Views and Data Persistence Unit-IV Messaging, Networking and Location Based Services Unit- V IOS
19.	418CAP06	Web Programing Lab	The following Exercise added in this course • Web Application using PHP and MySQL • Web Responsive • File Concept in PHP • File Operations.
20.	418CAE08	Professional Communication	Entire Syllabus added in this course • Unit – I Basics of Technical Communications • Unit-II Constitutes of Technical Written Communications • Unit-III Forms of Technical Communications

			 Unit –IV Presentation Strategies Unit – V Career Skills
21.	. 418CAL04	Executive Communication Skills	 Experiments added in the course are Soft skills Listening and Reading Comprehensive Presentation Skills, Body Languages Training in Group Discussion Resume / Letter Writing
22	518CAT01	Internet of Things	 Report Preparation, Grammar The following content added in this course Unit –II Architecture Overview Unit-IV Architecture Reference Model Unit – V Real World Design Constraints Unit –V Commercial Building automations
23	518CAT02	Advanced Java Scripting Language	New Course Introduced Unit-I Introduction to Javascript Unit-II Javascript Object Unit-III Angular JS Basics Unit-IV Node JS Unit-V Reach JS
24	518CAT03	Open Sources Technologies	The following unit added in this course Unit-III Python Network and GUI Programming Unit-IV Python for Data Analysis Unit – V Python and AWS
25	518CAE02	Big Data Management	The following unit added in this course Unit – III Map Reduce Unit-IV Pig, Hive and Hbase Data Streaming and Hadoop Clustering
26	518CAE09	Digital Marketing Management	The Following unit added in this course Unit-III Marketing Trends Unit – IV Affiliate and Marketing on Internet Unit-V Consumer Search and Resource Discovery
27	518CAL01	Advanced Javascript Lab	New Course Introduced
8	518CAL02	Open Source Technologies Lab	The following experiment added in this course

Feedback obtained about Curriculum and syllabus from Stakeholders (Faculty, Student, Alumni, Employers) were also discussed and concluded.

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

22nd Meeting on 06.11.2019

AGENDA

- 22.1 To consider the minutes of the 21st meeting of the Board of Studies in Computer Applications held on 27.04.19.
- 22.2 To consider the curriculum and syllabi under CBCS for the 6th semester MCA under 2015 regulations for the batch of students admitted during 2017 2018 (Appendix I).
- 22.3 To consider the curriculum and syllabi under CBCS for the 4th semester MCA under 2018 regulations for the batch of students admitted during 2018 2019 (Appendix II).
- 22.4 To consider the curriculum and syllabi under CBCS for the 2nd semester MCA under 2018 regulations for the batch of students admitted during 2019 2020 (Appendix III).

22.5 Any other.

21.10.2019

Chairman

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

Minutes of the 22nd meeting of the board of studies in Computer Applications held on 06.11.2019

MEMBERS PRESENT

2. 3. 4. 5.	Dr. S. Thirukumaran Dr. N. Shenbhagavadivu Dr. R. Latha Dr. D.Swamydoss Prof. N. Sakthivel Dr. R.N. Siyakumar	Chairman Academic Council Nominee Academic Council Nominee Internal Member Internal Member Interdisciplinary Expert
6. 7.	Dr. B.N. Sivakumar Dr. M. Lilly Florence Mr. K. Bala Murugan	

22.1 To consider the minutes of the 21st meeting of the Board of Studies in Computer Applications held on 27.04.2019.

RESOLVED that the minutes of 21st meeting of the Board of Studies in Computer Applications has been considered.

22.2 To consider the curriculum and syllabi under CBCS for the 6th semester MCA under Regulation 2015 for the batch of students admitted during 2017 – 2018.

RESOLVED that the curriculum and syllabi under CBCS for the 6^{th} semester MCA under Regulation 2015 for the batch of students admitted during 2017 - 2018 be approved (*Appendix - I*).

22.3 To consider the curriculum and syllabi under CBCS for the 4th semester MCA under Regulation 2018 for the batch of students admitted during 2018 – 2019.

RESOLVED that the curriculum and syllabi under CBCS for the 4th semester MCA under Regulation 2018 for the batch of students admitted during 2018 – 2019 be approved (*Appendix – II*).

22.4 To consider the curriculum and syllabi under CBCS for the 2nd semester MCA under Regulation 2018 for the batch of students admitted during 2019 – 2020.

RESOLVED that the curriculum and syllabi under CBCS for the 2nd Semester MCA under Regulation 2018 for the batch of students admitted during 2019 – 2020 be approved (*Appendix – III*).

06.11.2019

Chairman

	Departm	ent Of Computer Ap	oplications- 22th BoS Recommendation		
Sem	Course	Name of the Course	(New Course Introduced/ Contents Incorporated		
	Code	CONTRACTOR	in the Corresponding Course)		
2019-2020					
		1 2 2	New Course Introduced		
			 Unit-I Introduction to WWW 		
1	218CAT02	Internet	 Unit – II UI Design 		
		Programming	 Unit-III Overview of Cascading Style Sheet 		
			 Unit –IV Overview of JavaScript 		
			 Unit – V Advanced Features of JavaScript 		
		1	The Following syllabus introduced		
		Object Oriented	 Unit-I Introduction to OOPs 		
2.	218CAT03	Programming and	Unit-II Overloading and Template		
۷.	210071103	Data Structures	Unit-III Inheritance		
		Data Structures	 Unit –IV Linear Data Structures 		
		8	 Unit – V Non – Linear Tree Structures 		
			The Following Syllabus Introduced		
			• HTML5		
3.	218CAP06	Internet	 Javascript 		
3.	218CAP00	Programming Lab	 Class, Interface and Packages 		
			Swing Application – Calculator		
			GUI – Application using JFrame Class		
			The Unit wise Modification shown		
		Management Information Systems	Unit-II Infrastructure and Platforms		
			Unit-III Managing Knowledge in Digital		
1	21004502		Firm		
4.	218CAE02		Unit –IV Decision Support Systems and		
			Experts Systems		
	and the s		Unit-V Enterprise Management information		
			system planning.		
			New Course Introduced		
			OOPs Concept		
		D	Overloading		
5.	218CAL02	Data Structures Lab	Implementation of Stack, Queue and		
		using C++	Linked List		
			Polynomial Additions		
			Binary Search Tree		
			The following unit added in this course		
6	410CATO	W-L D	Unit-III Working with Database and		
6.	418CAT01	Web Programming	Cookies		
	45		Unit – V PHP Frameworks		
			Particular content added in the following unit.		
			Unit-II – Mining Association Rules: Apriori		
		Data Waraharai	Algorithm- Partition Algorithm and FP-Free		
7.	418CAT02	Data Warehousing	Growth Algorithm		
		and Data Mining	Unit-III Hierarchical Methods: BIRCH, ROCK and		
			CHAMELON		
			Unit –V Applications.		
		Mobile Application	The following unit added in this course		
8.	418CAT03	Mobile Application Development	Unit-II Activities, Intents and Components		
		Development	Unit-III Views and Data Persistence		

			Unit-IV Messaging, Networking and Location Based Services
			Unit- V IOS
			The following Exercise added in this course
			 Web Application using PHP and MySQL
9.	418CAP06	Web Programing Lab	Web Responsive
			File Concept in PHP
			File Operations.
		9	Entire Syllabus added in this course
			Unit – I Basics of Technical Communications
		Professional Communication	Unit-II Constitutes of Technical Written
10.	418CAE08		Communications
			Unit-III Forms of Technical Communications
			Unit –IV Presentation Strategies
			Unit – V Career Skills
		x +	Experiments added in the course are
			 Softskills
			 Listening and Reading Comprehensive
		Executive	 Presentation Skills
11.	418CAL04	Communication	 Body Languages
	8.	Skills	 Training in Group Discussion
			Resume / Letter Writing
			Report Preparation
			Grammar

Feedback obtained about Curriculum and syllabus from Stakeholders(Faculty, Student, Alumni, Employers) were also discussed and concluded.

Me

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

21st Meeting on 27.04.2019

AGENDA

- 21.1 To consider the minutes of the 20th meeting of the Board of Studies in Computer Applications held on 19.11.2018.
- 21.2 To consider the curriculum and syllabi under CBCS for the 5th semester MCA under Regulation 2015 for the batch of students admitted during 2017 2018 (Appendix I).
- 21.3 To consider the curriculum and syllabi under CBCS for the 3rd semester MCA under 2018 regulations for the batch of students admitted during 2018 2019 (Appendix II).
- 21.4 To consider the curriculum and syllabi under CBCS for the 1st semester MCA under Regulation 2018 for the batch of students to be admitted during 2019 2020 (Appendix III).

21.5 Any other.

10.04.2019

Chairman

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

Minutes of the 21st meeting of the board of studies in Computer Applications held on 27.04.2019

MEMBERS PRESENT

1. Dr. D. Swamydoss

2. Dr. H. Khanna Nehemiah

3. Dr. N. Shenbhagavadivu

4. Mr. K. Bala Murugan

5. Dr. B.N. Sivakumar

6. Dr. M. Lilly Florence

7. Prof. S. Thirukumaran

8. Prof. K. Raja

9. Prof. K. Satheesh

Chairman

University Nominee

Academic Council Nominee

Alumni

Interdisciplinary Expert

Interdisciplinary Expert

Internal Member

Internal Member

Internal Member

21.1 To consider the minutes of the 20th meeting of the Board of Studies in Computer Applications held on 19.11.2018.

RESOLVED that the minutes of 20th meeting of the Board of Studies in Computer Applications has been considered.

21.2 To consider the curriculum and syllabi under CBCS for the 5th semester MCA under Regulation 2015 for the batch of students admitted during 2017 – 2018.

RESOLVED that the curriculum and syllabi under CBCS for the 5^{th} semester MCA under Regulation 2015 for the batch of students admitted during 2017 - 2018 be approved (*Appendix - I*).

21.3 To consider the curriculum and syllabi under CBCS for the 3rd semester MCA under Regulation 2018 for the batch of students admitted during 2018 – 2019.

RESOLVED that the curriculum and syllabi under CBCS for the 3^{rd} semester MCA under Regulation 2018 for the batch of students admitted during 2018 - 2019 be approved (*Appendix – II*).

21.4 To consider the curriculum and syllabi under CBCS for the 1st semester MCA under Regulation 2018 for the batch of students to be admitted during 2019 – 2020.

RESOLVED that the curriculum and syllabi under CBCS for the 1st Semester MCA under Regulation 2018 for the batch of students to be admitted during 2019 – 2020 be approved (*Appendix – III*).

27.04.2019

Chairman

	Departme	ent Of Computer Ap	plications- 21th BoS Recommendation
Sem	Course	Name of the Course	(New Course Introduced/ Contents Incorporated
Scin	Code	TOURSE WITH THE PROPERTY OF TH	in the Corresponding Course)
		2	019-2020
1	118CAE09	Introduction to Unix	New Course introduced. Unit-I Introduction Unit – II File Systems Unit-III Filters Unit-IV C Shell Programming Unit-V Advanced Topics
2.	118CAL05	Unix Lab	New Course introduced
3.	318CAT01	Java Programming	Three Unit were modified in this course Unit – II I/O Multithreading Concepts Unit-III AWT and Event Handling Unit – V Java Servlet
4.	318CAT03	C# and DOT Net Programming	Unit –IV Application Development on .NET Unit –V Web Based Application Development on .NET Unit IV and Unit –V updated
5.	(318CAP06)	Java Programming Lab	The following Lab exercise added
6.	318CAE03	Advanced Database Management Systems	The following Unit added in this course Unit-III Intelligent Databases Unit- IV Data Models Unit –V XML Database
7.	318CAE07	Human Resource Management	Entire Syllabus of the course introduced. Unit – I Introduction to HRM Unit-II HR Planning, Recruitment and Selection Unit-III Wage, Salary Administration & Appraising and Managing Performance Unit-IV Training and Executing Development. Unit-V Recent Trends in HR
8.	(318CAL01)	C# & DOT NET Programming Lab	The Following exercise added in this course
9.	515CAT01	Internet of Things	The Syllabus has been framed with following unit Unit-I Internet of Things Unit-II M2M to IoT A Market Perspective Unit-III M2M and IoT Technology Fundamentals Unit-IV IoT Architecture –State of the Art Unit-V IoT Reference Architecture

10.	515CAT02	Mobile Application Development	Unit – III: Android Application Development Modified. Unit – IV IoS Updated Unit –V Windows Phone with Case Study updated.
11.	515CAT03	Big Data Management	The Syllabus framed with the following unit Unit-I Basics of Data and NOSQL Data Management Unit-II Hadoop Introduction Unit-III Map Reduce Applications Unit-IV PIG, HIVE and HBASE Unit-V Data Streaming and Hadoop Clustering
12.	515CAE02	Open Source Technologies	The following units introduced. • Unit-I Introduction to Python • Unit-II Sequence, Conditionals, Loops and File I/O • Unit-III Python Network and GUI Programming • Unit-IV Python and AWS • Unit-V Python for Data Analysis
13.	515CAE09	Digital Marketing Management	The Syllabus framed with following unit Unit-I Introduction Unit-II Search Engine Marketing Unit-III Marketing Trends Unit-IV Affiliate and Marketing on Internet Unit-V Consumer Search and Resource Discovery
15.	515CAL01	Mobile Application Development Lab	The Following Lab Exercise added in the course
16.	515CAL02	Open Source Technologies Lab	The Following Lab Exercise added in the Course Django Flask MDI-GUI QMessageBox wxPython Cloud Storage Matplotlib Pandas.

Feedback obtained about Curriculum and syllabus from Stakeholders(Faculty, Student, Alumni, Employers) were also discussed and concluded.

21

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

20th Meeting on 19.11.2018

AGENDA

- 20.1 To consider the minutes of the 19th meeting of the Board of Studies in Computer Applications held on 20.04.2018.
- 20.2 To consider the curriculum and syllabi under CBCS for the 6th semester MCA under 2015 regulations for the batch of students admitted during 2016 2017.
 (Appendix I)
- 20.3 To consider the curriculum and syllabi under CBCS for the 4th semester MCA under 2015 regulations for the batch of students admitted during 2017 2018.
 (Appendix II)
- 20.4 To consider the curriculum and syllabi under CBCS for the 2nd semester MCA under 2018 regulations for the batch of students admitted during 2018 2019 (Appendix III).
- 20.5 To consider the curriculum and evaluation criteria of Regulation 2018 (CBCS) for the batch of students admitted in 2018 2019 (Appendix IV).
- 20.6 To consider the panel of examiners for the evaluation process (Appendix V).

20.7 Any other.

02.11.2018

Chairman

Chairman, Board of Studies
Faculty of Computer Applications, at CAI (PG)
Adhiyamaan College of the encering (Autonomous
Hacure 676 108
Krishnaghi (DI), Tamil Nadu.

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

Minutes of the 20th meeting of the board of studies in Computer Applications held on 19.11.2018

MEMBERS PRESENT

1. Dr. D. Swamydoss

2. Dr. H. Khanna Nehemiah

3. Dr. N. Shenbhagavadivu

4. Dr. R. Latha

5. Mr. K. Bala Murugan

6. Dr. B.N. Sivakumar

7. Dr. M. Lilly Florence

8. Prof. S. Thirukumaran

9. Prof. K. Raja

10. Prof. K. Satheesh

Chairman

University Nominee

Academic Council Nominee

Academic Council Nominee

Alumni

Interdisciplinary Expert

Interdisciplinary Expert

Internal Member

Internal Member

Internal Member

20.1 To consider the minutes of the 19th meeting of the Board of Studies in Computer Applications held on 20.04.2018.

RESOLVED that the minutes of 19th meeting of the Board of Studies in Computer Applications has been considered.

20.2 To consider the curriculum and syllabi under CBCS for the 6th semester MCA under 2015 regulations for the batch of students admitted during 2016 – 2017.

RESOLVED that the curriculum and syllabi under CBCS for the 6^{th} semester MCA under 2015 regulations for the batch of students admitted during 2016 - 2017 be approved (*Appendix - I*).

20.3 To consider the curriculum and syllabi under CBCS for the 4th semester MCA under 2015 regulations for the batch of students admitted during 2017 – 2018.

RESOLVED that the curriculum and syllabi under CBCS for the 4^{th} semester MCA under 2015 regulations for the batch of students admitted during 2017 - 2018 be approved (*Appendix - II*).

20.4 To consider the curriculum and syllabi under CBCS for the 2nd semester MCA under 2018 regulations for the batch of students admitted during 2018 – 2019.

RESOLVED that the curriculum and syllabi under CBCS for the 2nd Semester MCA under 2018 regulations for the batch of students admitted during 2018 – 2019 be approved (*Appendix – III*).

20.5 To consider the curriculum and evaluation criteria of Regulation 2018 (CBCS) for the batch of students admitted in 2018 – 2019.

RESOLVED that the curriculum and evaluation criteria for MCA under Regulation 2018 (CBCS) for the batch of students admitted in 2018 – 2019 be approved (Appendix IV).

20.6 To consider the panel of examiners for the evaluation process.

RESOLVED that the panel of examiners for the evaluation process be approved (Appendix V).

19.11.2018

Chairman

Chairman, Roard of Studies
Faculty of Co.

Krishnagiri (DI), Tamii Nodu.

Department Of Computer Applications- 20th BoS Recommendation				
Sem	Course	Name of the Course	(New Course Introduced/ Contents Incorporated	
	Code	TOTAL PRINCIPLE STREET	in the Corresponding Course)	
	T	1	2018-2019	
1	218CAT02	Internet Programming	New Course Introduced Unit-I Introduction to WWW Unit – II UI Design Unit-III Overview of Cascading Style Sheet Unit –IV Overview of JavaScript Unit – V Advanced Features of JavaScript	
2.	218CAT03	Object Oriented Programming and Data Structures	The Following syllabus introduced Unit-I Introduction to OOPs Unit-II Overloading and Template Unit-III Inheritance Unit –IV Linear Data Structures Unit – V Non – Linear Tree Structures	
3.	218CAP06	Internet Programming Lab	The Following Syllabus Introduced HTML5 Javascript Class, Interface and Packages Swing Application – Calculator GUI – Application using JFrame Class	
4.	218CAE02	Management (Information Systems	 The Unit wise Modification shown Unit-II Infrastructure and Platforms Unit-III Managing Knowledge in Digital Firm Unit –IV Decision Support Systems and Experts Systems Unit-V Enterprise Management information system planning. 	
5.	218CAL02	Data Structures Lab using C++	New Course Introduced OOPs Concept Overloading Implementation of Stack, Queue and Linked List Polynomial Additions Binary Search Tree	
6.	415CAT01	Web Programming	Unit-III Working with Database and Cookies – Modified Unit – IV Reading data in Web Pages and File Handling – Modified.	
7.	415CAT03	Mobile Computing	The Following Unit – added in the Course Unit- III Mobile Telecommunication Systems Unit- IV Mobile Ad-Hoc Networks Unit - V Mobile Platform and Applications	
8.	415CAP06	Web Programming Lab	The Following Lab Exercise implemented in the Course Web Application using PHP and MySQL Responsive Web Page Set Cookies and Retrieve the same page	
9.	415CAE03	Cloud Computing	Unit – III Cloud Virtualization Technology Unit –IV Security and Standards in the cloud.	

			Both Units were modified.
10.	415CAE08	Professional Communication	In Unit-III Forms of Technical Communication, and Unit –IV Presentation Strategies added.
11.	(415CAL01)	XML and Web Service Lab	The following Lab exercise implemented in the course • DOM/SAX Praser • JAX-WS • JAX-RS • JAXB Marshalling and Un-Marshalling • RESTfull Web Services.
12.	415CAL05	Executive Communication Lab	 The List of Lab exercise added in the course Introduction to Soft Skill Listening and Reading Comprehension Body Languages. Resume / Letter Writing / E-mail Etiquettes.

Feedback obtained about Curriculum and syllabus from Stakeholders (Faculty, Student, Alumni, Employers) were also discussed and concluded.

20

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

19th Meeting on 20.04.2018

AGENDA

- 19.1 To consider the minutes of the 18th meeting of the Board of Studies in Computer Applications held on 04.11.2017.
- 19.2 To consider the curriculum and syllabi under CBCS for the 5th semester MCA under 2015 regulations for the batch of students admitted during 2016 2017. (Appendix I)
- 19.3 To consider the curriculum and syllabi under CBCS for the 3rd semester MCA under 2015 regulations for the batch of students admitted during 2017 2018.
 (Appendix II)
- 19.4 To consider the curriculum and syllabi under CBCS for the 1st semester MCA under 2018 regulations for the batch of students to be admitted during 2018 2019 (Appendix III).

19.5 Any other.

06.04.2018

Chairman

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

Minutes of the 19th meeting of the board of studies in Computer Applications held on 20.04.2018

MEMBERS PRESENT

Chairman 1. Dr. D. Swamydoss **University Nominee** 2. Dr. S. Swamynathan **Academic Council Nominee** 3. Dr. S. P. Shantharajan **Academic Council Nominee** 4. Dr. S. Beaulah Interdisciplinary Expert 5. Dr. V. Navaneethakumar **Internal Member** 6. Dr. M. Lilly Florence **Internal Member** 7. Prof. S. Thirukumaran Internal Member 8. Prof. N.Sakthivel **Internal Member** 9. Prof. K. Raja Alumni 10. Mr. S. Naveen Kumar

19.1 To consider the minutes of the 18th meeting of the Board of Studies in Computer Applications held on 04.11.2017.

RESOLVED that the minutes of 18th meeting of the Board of Studies in Computer Applications has been considered.

19.2 To consider the curriculum and syllabi under CBCS for the 5th semester MCA under 2015 regulations for the batch of students admitted during 2016 – 2017.

RESOLVED that the curriculum and syllabi under CBCS for the 5th Semester MCA under 2015 regulations for the batch of students to be admitted during 2016 – 2017 be approved (Appendix – I).

19.3 To consider the curriculum and syllabi under CBCS for the 3rd semester MCA under 2015 regulations for the batch of students admitted during 2017 – 2018.

RESOLVED that the curriculum and syllabi under CBCS for the 3rd semester MCA under 2015 regulations for the batch of students admitted during 2017 – 2018 be approved (Appendix – II).

19.4 To consider the curriculum and syllabi under CBCS for the 1st semester MCA under 2018 regulations for the batch of students to be admitted during 2018 – 2019.

RESOLVED that the curriculum and syllabi under CBCS for the 1st semester MCA under 2018 regulations for the batch of students to be admitted during 2018 – 2019 be approved (Appendix – III).

20.04.2018

Chairman, Board of Studies
Faculty of Computer Applications (MCA) (PG)
Adhiyamaan College of Engineering (Autonomous)
Hosur - 635 109
Krishnagiri (DI), Tamil Nadu.

Department Of Computer Applications- 19th BoS Recommendation			
Sem	Course	Name of the Course	(New Course Introduced/ Contents Incorporated
	Code		in the Corresponding Course)
	T		2018-2019
			New Course introduced.
			Unit-I Introduction
1	118CAE09	Introduction to Unix	 Unit – II File Systems
			Unit- III Filters
			 Unit-IV C Shell Programming
			 Unit-V Advanced Topics
			New Course introduced
			 File Operations.
2.	118CAL05	Univ I ah	 Inter-process using Message Queue.
۷.	116CALU3	Unix Lab	Inter-process using Shared Memory
	, , ,		Attributes files and directories
			Binary Searching
			The Following Topics added in the corresponding
2	2150 4 701	Advanced Java	syllabus
3.	315CAT01	Programming	Unit –IV Introduction to Struts2
			Unit-V OGNL and Building View
		Oll I DOTTALD	Unit – IV Web Based Application Development on
4.	315CAT03	C# and DOT NET	.NET and Unit –V Reporting and Application Tool
		Programming	been modified.
			The Following exercise update in the corresponding
			course
B	-	Advanced Java Programming Lab	Develop a real estate web application
_	21.504.006		Develop a simple applications using Struts2
5.	315CAP06		Develop Struts2 application using OGNL.
			Design Student Identity Management web
			application using struts framework.
11.			approacion using strates framework.
		Advanced Database	Unit - IV – Advanced Data Models
6.	315CAE03	Management	Unit – V - Emerging Technologies
		Systems	Both Unit Modified in this course.
			The Syllabus has been framed with following unit
-5,7		, i	Unit-I Internet of Things
			Unit-II M2M to IoT A Market Perspective
7.	515CAT01	Internet of Things	Unit-III M2M and IoT Technology
			Fundamentals
			Unit-IV IoT Architecture –State of the Art
	11		Unit-V IoT Reference Architecture
		The second secon	Unit – III : Android Application Development
	Mobile Application Development	Mobile Application	Modified.
8.			Unit – IV IoS Updated
			Unit –V Windows Phone with Case Study updated.
			The Syllabus framed with the following unit
9.	-		Unit-I Basics of Data and NOSQL Data
	£150.	Big Data	Management
	515CAT03	Management	Unit-II Hadoop Introduction
		- Linugomont	Unit-III Map Reduce Applications
			- Ont-111 Map Reduce Applications

2.7			Unit-V Data Streaming and Hadoop Clustering
10.	515CAE02	Open Source Technologies	 The following units introduced. Unit-I Introduction to Python Unit-II Sequence, Conditionals, Loops and File I/O Unit-III Python Network and GUI Programming Unit-IV Python and AWS Unit-V Python for Data Analysis
11.	515CAE09	Digital Marketing Management	The Syllabus framed with following unit Unit-I Introduction Unit-II Search Engine Marketing Unit-III Marketing Trends Unit-IV Affiliate and Marketing on Internet Unit-V Consumer Search and Resource Discovery
12.	515CAL01	Mobile Application Development Lab	The Following Lab Exercise added in the course
13.	515CAL02	Open Source Technologies Lab	The Following syllabus for Lab Exercise introduced. Django Flask MDI-GUI QMessageBox wxPython Cloud Storage Matplotlib Pandas.

Feedback obtained about Curriculum and syllabus from Stakeholders(Faculty, Student, Alumni, Employers) were also discussed and concluded.

2

Chairman, Board of Studies
Faculty of Computer Applications (MCA) (PC)
Adhiyamaan College of Engineering (Autonomous)
Hosur - 635 109
Krishnagiri (Dt), Tamil Nadu.

Adhiyamaan College of Engineering, Hosur (An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

18th Meeting on 04.11.2017

AGENDA

- 18.1 To consider the minutes of the 17th meeting of the Board of Studies in Computer Applications held on 11.04.2017.
- 18.2 To consider the curriculum and syllabi under CBCS for the 6th semester MCA under 2015 regulations for the batch of students admitted during 2015 - 2016. (Appendix I)
- 18.3 To consider the curriculum and syllabi under CBCS for the 4th semester MCA under 2015 regulations for the batch of students admitted during 2016 - 2017. (Appendix II)
- 18.4 To consider the curriculum and syllabi under CBCS for the 2nd semester MCA under 2015 regulations for the batch of students admitted during 2017 - 2018. (Appendix III)

18.5 Any other.

23.10.2017

Faculty of Computers and Sections (2001-100)

Adhiyamasa College 1 of Section (100 annuals)

Krishnagar (24, familifadu.

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

Minutes of the 18th meeting of the board of studies in Computer Applications held on 04.11.2017

MEMBERS PRESENT

1. Dr. D. Swamydoss Chairman 2. Dr. S. Swamynathan University Nominee 3. Dr. S. P. Shantharajan Academic Council Nominee 4. Mr. S. Naveen Kumar Alumni 5. Dr. V. Navaneethakumar Interdisciplinary Expert 6. Dr. M. Lilly Florence Internal Member 7. Prof. S. Thirukumaran Internal Member 8. Prof. N.Sakthivel Internal Member 9. Prof. K. Raja Internal Member

18.1 To consider the minutes of the 17th meeting of the Board of Studies in Computer Applications held on 11.04.2017.

RESOLVED that the minutes of 17th meeting of the Board of Studies in Computer Applications has been considered.

18.2 To consider the curriculum and syllabi under CBCS for the 6th semester MCA under 2015 regulations for the batch of students admitted during 2015 – 2016.

RESOLVED that the curriculum and syllabi under CBCS for the 6^{th} semester MCA under 2015 regulations for the batch of students admitted during 2015-2016 be approved (Appendix – I).

18.3 To consider the curriculum and syllabi under CBCS for the 4th semester MCA under 2015 regulations for the batch of students admitted during 2016 – 2017.

RESOLVED that the curriculum and syllabi under CBCS for the 4th semester MCA under 2015 regulations for the batch of students admitted during 2016 – 2017 be approved (Appendix – II).

18.4 To consider the curriculum and syllabi under CBCS for the 2nd semester MCA under 2015 regulations for the batch of students to be admitted during 2017 – 2018.

RESOLVED that the curriculum and syllabi under CBCS for the 2nd Semester MCA under 2015 regulations for the batch of students to be admitted during 2017 – 2018 be approved (Appendix – III).

04.11.2017

Chairman

Chairman, Board of Studies
Faculty of Computer Applications (IFCA) (PG)
Adhiyamash College of Engineering (Autonomous)
Hossar - 619 109
Krishnagiri (Dt), Tamil Nadu.

Sem	Course Code	Name of the Course	(New Course Introduced/ Contents Incorporated in the Corresponding Course)
-	10000	2	2017-2018
			The Following Topics added in Unit-V Swing
	22.01	Internet and Java Programming	Introduction to Swing
	215CAT02		Swing Features
1			Swing Control
			Swing Class and GUI Components
			Event Hando The Fill of the state of t
			The Following Unit introduced in the course
		Accounting and	Unit I- Introduction to Accounting
2.	215CAE08	Financial Management	Unit II- Marginal Costing
	25 (c) 212 (c) 2 (Unit III- Budgets and Budgeting Controls
			Unit IV- Investment Decision and Cost Capital
			Unit V- Working Capital Management.
2	01501100	Internet and Java	The following Lab Exercise added
3.	215CAL02	Programming Lab	Calculator application using swing
			GUI Applications using JFrame class
			Unit-III Working with Database and Cookies –
4.	415CAT01	Web Programming	Modified
Ti.	110011101	web i rogramming	Unit – IV Reading data in Web Pages and File
			Handling – Modified.
			The Following Unit – added in the Course
5.	415CAT03	Mobile Computing	Unit- III Mobile Telecommunication Systems
٥.	1130/1103		Unit- IV Mobile Ad-Hoc Networks
			Unit - V Mobile Platform and Applications
			The Following Lab Exercise implemented in the
		Web Programming	Course
6.	415CAP06		 Web Application using PHP and MySQL
	Section April 17 and	Lab	Responsive Web Page
			 Set Cookies and Retrieve the same page
1117	4[5CAE03]	Cloud Computing	Unit – III Cloud Virtualization Technology
7.			Unit –IV Security and Standards in the cloud.
			Both Units were modified.
8.	415CAE08	Professional Communication	In Unit-III Forms of Technical Communication, and
٥.			Unit –IV Presentation Strategies added.
			The following Lab exercise implemented in the
		m in	course
		XML and Web Service Lab	DOM/SAX Praser
9.	415CAL01		• JAX-WS
			• JAX-RS
			JAXB Marshalling and Un-Marshalling
	10.15		RESTfull Web Services.
10.			The List of Lab exercise added in the course
		5 4 5	Introduction to Soft Skill
		Executive	\$50-00 Secretarian August Constitution of the State Constitution of th
	415CAL05	the state of the s	Listening and Reading Comprehension
		Communication Lab	Body Languages.
			Resume / Letter Writing / E-mail
			Etiquettes. labus from Stakeholders (Faculty, Student, Alumni,

Employers) were also discussed and concluded.

Chairman, Board of Studies
Faculty of Computer Applications (MCA) (PG)
Adhiyamaan College of Engineering (Autonomous)
Hosur - 635 109
Krishnagiri (Dt), Tamil Nadu.

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

17th Meeting on 11.04.2017

AGENDA

- 17.1 To consider the minutes of the 16th meeting of the Board of Studies in Computer Applications held on 22.10.2016.
- 17.2 To consider the curriculum and syllabi under CBCS for the 5th semester MCA under 2015 regulations for the batch of students admitted during 2015 2016. (Appendix I)
- 17.3 To consider the curriculum and syllabi under CBCS for the 3rd semester MCA under 2015 regulations for the batch of students admitted during 2016 2017. (Appendix II)
- 17.4 To consider the curriculum and syllabi under CBCS for the 1st semester MCA under 2015 regulations for the batch of students to be admitted during 2017 2018. (Appendix III)

17.5 Any other.

25.03.2017

Chairman

Chairman, Board of Studies
Faculty of Computer Applications (MCA) (PG)
Adhiyamaan College of Engineering (Autonomous)
Hoour - 636 109
Krishnagiri (Dt), Tamil Nadu.

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Board of Studies in Computer Applications

Minutes of the 17th meeting of the board of studies in Computer Applications held on 11.04.2017

MEMBERS PRESENT

Chairman 1. Dr. D Swamydoss 2. Dr. S Swamynathan **University Nominee** 3. Dr. S P Shantharajan **Academic Council Nominee Academic Council Nominee** 4. Dr. S Beaulah **Interdisciplinary Expert** 5. Dr. V. Navaneethakumar 6. Dr. Sunitha Abburu **Internal Member Internal Member** 7. Dr. M. Lilly Florence 8. Prof. S Thirukumaran **Internal Member Internal Member** 9. Prof. N.Sakthivel **Internal Member** 10. Prof. K Raja

17.1 To consider the minutes of the 16th meeting of the Board of Studies in Computer Applications held on 22.10.2016.

RESOLVED that the minutes of 16th meeting of the Board of Studies in Computer Applications has been considered.

17.2 To consider the curriculum and syllabi under CBCS for the 5th semester MCA under 2015 regulations for the batch of students admitted during 2015 – 2016.

RESOLVED that the curriculum and syllabi under CBCS for the 5th semester MCA under 2015 regulations for the batch of students admitted during 2015 – 2016 be approved (Appendix – I).

17.3 To consider the curriculum and syllabi under CBCS for the 3rd semester MCA under 2015 regulations for the batch of students admitted during 2016 – 2017.

RESOLVED that the curriculum and syllabi under CBCS for the 3rd semester MCA under 2015 regulations for the batch of students admitted during 2016 – 2017 be approved (Appendix – II).

17.4 To consider the curriculum and syllabi under CBCS for the 1st semester MCA under 2015 regulations for the batch of students to be admitted during 2017 – 2018.

RESOLVED that the curriculum and syllabi under CBCS for the 1st Semester MCA under 2015 regulations for the batch of students to be admitted during 2017 – 2018 be approved (Appendix – III).

11.04.2017

Chairman

Chairman, Board of Studios
Faculty of Computer Applications (MCA) (PC)
Adhiyamaan College of Engineering (Autonomous)
Hosur - 635 109
Krishnagiri (Dt), Tamil Nadu.

_	Course		plications- 17 th BoS Recommendation (New Course Introduced/ Contents Incorporated
Sem	Code	Name of the Course	in the Corresponding Course)
	1 0000	2	017-2018
1	115CAL02	Object Oriented Programming Lab using C++	The Following Lab Exercise included in the syllabus Create a Text File and Perform all the file operations Implement some of STL Algorithms through C++ Programming
2.	(115CAL03)	Office Automation (Lab)	The Following concepts included in the syllabus MS-Word and its functionalities MS-Excel with built in functions MS-Powerpoint MS-Access
3.	315CAT01	Advanced Java Programming	The Following Topics added in the corresponding syllabus • Unit –IV Introduction to Struts2 • Unit-V OGNL and Building View
4.	315CAT03	C# and DOT NET Programming	Unit – IV Web Based Application Development on .NET and Unit –V Reporting and Application Tool been modified.
			The Following exercise update in the corresponding course • Develop a real estate web application
5.	315CAP06	Advanced Java Programming Lab	 Develop a simple applications using Struts2 Develop Struts2 application using OGNL. Design Student Identity Management web application using struts framework.
6.	315CAE03	Advanced Database Management Systems	Unit - IV - Advanced Data Models Unit - V - Emerging Technologies Both Unit Modified in this course.
7.	515CAT01	Internet of Things	The Syllabus has been framed with following unit Unit-I Internet of Things Unit-II M2M to IoT A Market Perspective Unit-III M2M and IoT Technology Fundamentals Unit-IV IoT Architecture –State of the Art Unit-V IoT Reference Architecture
8.	(515CAT02)	Mobile Application Development	Unit – III : Android Application Development Modified. Unit – IV IoS Updated Unit –V Windows Phone with Case Study updated.
9.	515CAT03	Big Data Management	The Syllabus framed with the following unit Unit-I Basics of Data and NOSQL Data Management Unit-II Hadoop Introduction Unit-III Map Reduce Applications Unit-IV PIG, HIVE and HBASE Unit-V Data Streaming and Hadoop Clustering

10.	515CAE02	Open Source Technologies	 The following units introduced. Unit-I Introduction to Python Unit-II Sequence, Conditionals, Loops and File I/O Unit-III Python Network and GUI
		No. 2 o go sego	ProgrammingUnit-IV Python and AWSUnit-V Python for Data Analysis
11.	515CAE09	Digital Marketing Management	The Syllabus framed with following unit Unit-I Introduction Unit-II Search Engine Marketing Unit-III Marketing Trends Unit-IV Affiliate and Marketing on Internet Unit-V Consumer Search and Resource Discovery
12.	515CAL01	Mobile Application Development Lab	The Following Lab Exercise added in the course
13.	515CAL02	Open Source Technologies Lab	The Following syllabus for Lab Exercise introduced. Django Flask MDI-GUI QMessageBox wxPython Cloud Storage Matplotlib Pandas.

Feedback obtained about Curriculum and syllabus from Stakeholders(Faculty, Student, Alumni, Employers) were also discussed and concluded.

Chairman, Board of Studies

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Faculty of Computer Applications (MCA) (PG)
Adhiyamaan College of Engineering (Autonomous)
Hosur - 635 109
Krishnagiri (Dt), Tamil Nadu.