

Minutes of MCA, BCA board of studies meeting held on 18.01.2013 at 2.00 PM in MCA Board of studies meeting Hall.

University Nominee:

Dr. D. Pandia Raja, M.Sc., M.Phil., PGDCA,
B.Ed., Ph.D.,

Associate Professor,
Department of Maths,
Thiagaraja College,
Madurai.

Subject Experts:

1) Dr. M. Sumathi, M.Sc., Ph.D.,
Assistant Professor,
Department of Computer Science,
Sri Meenakshi Government College for women,
Madurai.

2) Dr. K. Muneeswaran, M.E., Ph.D.,
Professor and Head,
Department of Computer Science and
Engineering,
Mepco Schelenk Engineering College,
Sivakasi.

Alumnus:

Mr. N. Senthil Kumar, MCA,
Senior Engineer,
Honeywell Technology Solutions,
Madurai.

Industrial / Corporate Sector:

Mr. V. Sivasankar, MCA.,
Director, Getmore Technologies,
Vizulhunagan.

Members:

1. Dr. N. Anandam
2. Mr. D. Rajkumar
3. Mr. R. Asoka Rajan
4. Mrs. V. Pandiammal
5. Mrs. P. Murugeswari
6. Mrs. B. Jeyalakshmi
7. Mrs. M. Harthigaiswari
8. Mr. R. Rabique Raja
9. Ms. R. Rajeswari
10. Mr. S. Parameswaran
11. Ms. P. Athirstalakshmi

Resolutions:

- 1) The detailed Draft syllabus for the II year BCA and MCA classes have been discussed and approved.
- 2) Resolved to carry out the suggestions given by the members of the Board of Studies of BCA and MCA in the Syllabus.
- 3) The question pattern for Skill based Subjects has been discussed and approved.
- 4) Resolved to prepare the panel of Examiners for each paper.

Signature of the members present:

- | | |
|---------------------------|---------------------------|
| 1) N. SENTHIL KUMAR | N. Senthil Kumar 18-01-13 |
| 2) V. SIVASANKAR | V. Sivasankar 18/01/2013 |
| 3) N. ANANDAM | N. Anandam |
| 4) D. RASKUMAR | D. Raskumar |
| 5) R. ASOKARAJAN | R. Asokarajan |
| 6) P. MURUGESWARI | P. Murugeswari |
| 7) B. JEYALAKSHMI | B. Jeyalakshmi |
| 8) M. KARTHIKESWARANI | M. Karthikeswari |
| 9) R. BABIQUERATA | R. Babiquerata |
| 10) N. G. S. PARAMESWARAN | N. G. S. Parameswaran |
| 11) P. ATHIRSTALAKSHMI | P. Athirstalakshmi |

Minutes of MCA, BCA board of studies meeting
held on 07.12.2013 at 11 AM in MCA Conference Hall.

University Nominee:

Dr. D. Pandia Raja, M.Sc., M.Phil., PGDCA, B.Ed., Ph.D.,
Associate Professor,
Department of Maths,
Thiagaraja College, Madurai.

Subject Experts:

- 1) Dr. M. Sumathi, M.Sc., Ph.D.,
Assistant Professor,
Department of Computer Science,
Sri meenakshi Government College for women,
Madurai.
- 2) Dr. K. Muneeswaran, M.E., Ph.D.,
Professor and Head,
Department of Computer Science and Engineering,
Mepco Schelenk Engineering College,
Sivakasi.

Alumnus:

Mr. N. Senthil Kumar, MCA.,
Senior Engineer,
Honeywell Technology Solutions,
Madurai.

Industrial / Corporate Sector:

Mr. V. Sivasankar, MCA.,
Director, Getmore Technologies,
Virudhunagar.

Members:

1. Dr. N. Anandam
2. Mr. D. Rajkumar
3. Mr. R. Asoka Rajan
4. Mrs. V. Pandiammal
5. Mrs. P. Murugeswari
6. Mrs. B. Jeyalakshmi
7. Mrs. M. Karthigaieswari
8. Mr. R. Rabique Raja
9. Mr. S. Parameswaran
10. Ms. P. Athiristalakshmi

Resolutions:

- 1) The detailed draft syllabus for the III year BCA and MCA classes have been discussed and approved.
- 2) Resolved to carry out the suggestions given by the members of the board of studies of BCA and MCA in the syllabus,

Suggestions:

 - i) To change the Text book for the paper Core 15 Computer networks in BCA.
 - ii) To add web references for the paper Elective I web Technologies in BCA.
 - iii) To rearrange the syllabus for the paper Elective II Computer algorithms.
 - iv) To change the text book for the Paper Core 18 Computer Graphics.
 - v) Objectives for each major topics may be added.
- 3) Resolved to prepare the panel of examiners for each Paper.

4) Resolved to instruct the students of MCA admitted through lateral entry to study the NME Paper.

- | | | |
|-----|------------------------|-----------------------------|
| 1. | Dr. K. MUNEESWARAN | W. M. M. M. |
| 2. | Dr. M. Sumathi | 7/12/13 |
| 3. | V. Sivasankar. | V. Sivasankar 7/12/13 |
| 4. | Dr. N. ANANDAM | N. Anandam 7/12/13 |
| 5. | D. RAJKUMAR | D. Rajkumar 7/12/2013 |
| 6. | R. ASOKARAJAN | R. Asokan 7/12/13. |
| 7. | V. PANDIAMMAL | V. Pandiammal 7/12/2013 |
| 8. | P. MURUGESWARI | P. Murugeswari 7/12/2013 |
| 9. | B. JEYALAKSHMI | B. Jayalaxmi 10/12/2013 |
| 10. | M. KARTHIGAI SWARI | M. Karthigai 7/12/13 |
| 11. | B. BABIQUE RAJA | B. Babique Raja 7/12/13 |
| 12. | N. G. S. PARAMESWARAN. | N.G.S. Parameswaran 7.12.13 |
| 13. | P. ATHIR TALAKSHMI | P. Athir |

Minutes of MCA, BCA board of studies meeting held on 25.07.2014 at 11 AM in MCA Conference Hall.

University Nominee:

Dr. M. Ravindran
Associate Professor
PG Department of Computer Science
Govt. Arts College
Melur - 625106

Subject Experts:

1) Dr. T. Revathi
Sr. Professor & Head
Department of Information Technology
Mepco Schelank Engineering College
Sivakasi - 626 005

2) Mrs B. Chandirika
Assistant Professor & Head
Department of Computer Applications
Fatima College
Mary land, Madurai

Alumnus:

Mr. J. Murugachandavel
Assistant Professor (Sr. Grade)
MCA Department, Mepco Schelank Engineering College
Sivakasi - 626 005

Industrial/Corporate Sector:

Mr. V. Sivasankar,
24, Santhikooda Street,
Virudhunagar - 626 001

Members:

1. Mr. D. Rajkumar
2. Mr. R. Asoka Rajan
3. Mrs. V. Pandiammal
4. Mrs. P. Murugeswari
5. Mrs. B. Jeyalakshmi
6. Mrs. M. Karthigaieswari
7. Mrs. A. Mareeswari
8. Mr. S. Parameswaran
9. Mr. R. Prem Sankar

Resolutions:

1. It has been decided to include additionally one NME paper in fifth and sixth semester to make the students, those who are studying in Computer science & Information technology discipline to opt this paper as NME.
2. Resolved to change the subject code to the newly introduced NME syllabus.

- | | | |
|-------------------------|---|----------------------------------|
| 1. Dr. M. Ravindran | — | M. Rani ^{Chair} 25/7/14 |
| 2. Dr. T. Revathi | — | O. Mall 25/7/14 |
| 3. Mrs. B. Chandrika | — | B. V. 25/7/14 |
| 4. V. Sivasankar | — | V. Sivasankar |
| 5. D. Rajkumar | — | D. Rajkumar 25/7/14 |
| 6. R. Asokarajan | — | R. Asokarajan 25/7/14 |
| 7. V. Pandiammal | — | Pandiammal 25/7/14 |
| 8. P. Murugeswari | — | P. Murugeswari 25/7/14 |
| 9. B. Jeyalakshmi | — | B. Jeyalakshmi 25/7/14 |
| 10. M. Karthigaieswari | — | M. Karthigaieswari |
| 11. A. Mareeswari | — | A. Mareeswari 25/7/14 |
| 12. N.G.S. Parameswaran | — | N.G.S. Parameswaran |
| 13. R. Prem Sankar | — | R. Prem Sankar 25/7/14 |

Minutes of BCA, MCA & PGDCA board of studies meeting held on 28.03.2015 at 10 AM in MCA Conference Hall.

University Nominee:

1. Dr. M. Ravindran,
Assistant Professor (SG),
Department of Computer Science,
Govt. Arts & Science College,
Melur - 625 106

Subject Experts:

1. Dr. T. Revathi,
Sr. Professor & Head,
Department of Information Technology,
Mepco Schlenk Engineering College,
Sivakasi - 626 005
2. Ms. B. Chandrika,
Assistant Professor & Head,
Department of Computer Applications,
Fatima College,
Mary Land,
Madurai - 625 018.

Alumnus:

1. Mr. J. Murugachandrasekar,
Assistant Professor (Sr. Grade),
MCA Department,
Mepco Schlenk Engineering College,
Sivakasi - 626 005.

Industrialist:

1. Mr. V. Sivasankar,
Director,
Getmore Technologies,
Virudhunagar.

Members :

1. Mr. D. Rajkumar
2. Mr. R. AsokaRajan
3. Mrs. V. Pandiammal
4. Mrs. P. Murugeswari
5. Mrs. B. Jeyalakshmi
6. Mrs. M. Karthigaieswari
7. Mrs. A. Marreeswari
8. Mr. S. Parameswaran
9. Mr. R. Prem Sankar

Resolutions:

- 1) Course Structures for BCA, MCA & PGDCA have been discussed and approved.
- 2) Resolved to carry out the suggestions suggested by the member of the Board of studies of BCA, MCA & PGDCA.
- 3) Detailed draft syllabus for I year BCA, MCA & PGDCA Courses are approved.
- 4) Resolved to prepare the panel of Examiners for each paper.

Members Present:

1. Mr. B. CHANDIRIKA

2. D. RAJKUMAR

3. Mrs. V. PANDIAMMAL

4. P. MURUGESWARI

5. B. JEYALAKSHMI

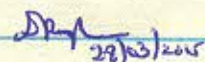
6. M. Karthigaieswari

7. A. Marreeswari

8. N.G.S. PARAMESWARAN.

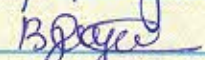
9. R. Prem Sankar

B. V. 
28/3/15

DP 
28/3/2015

Pandiammal 28/3/2015

P. Mujji



M. Karthigaieswari

A. Marreeswari

N.G.S. Parameswaran.

R. Prem Sankar

Minutes of BCA and MCA board of studies meeting held on 20.02.2016 at 10 AM in MCA Conference Hall.

University Nominee:

1. Dr. M. Ravindran,
Associate Professor
Department of Computer Science,
Govt. Arts and Science College,
Melur - 625 106

Subject Experts:

1. Dr. T. Revathi,
Sr. Professor & Head,
Department of Information Technology,
Mepco Schlenk Engineering College,
Sivakasi - 626 005
2. Ms. B. Chandrika,
Assistant Professor & Head,
Department of Computer Applications,
Fatima College, Mary Land,
Madurai - 625 018

Alumnus:

1. Mr. J. Murugachandrasekar,
Assistant Professor (Sr. Grade),
MCA Department,
Mepco Schlenk Engineering College,
Sivakasi - 626 005.

Industrialist:

1. Mr. V. Sivasankar,
Director,
Gret More Technologies,
Virudhunagar.

Members:

1. Mr. D. Rajkumar
2. Mr. R. Asokarajan
3. Mrs. V. Pandiammal
4. Mrs. P. Murugeswari
5. Mrs. B. Jeyalakshmi
6. Mrs. M. Karthigeswari
7. Mrs. A. Mareeswari
8. Mr. S. Parameswaran
9. Mr. R. Prem Sankar

Resolutions:

According to the previous second year syllabus, we revise the following for BCA and MCA course

BCA:

1. In Core 5, Java Programming, we changed the text book.
2. We newly introduced Computer Graphics in Third Semester.
3. In Core 8, Java Programming Lab, we revised the content.
4. In Core 9, Data Structure Lab, we changed the title.
5. The title Tally Lab, is changed into Financial Accounting Lab and content is also revised.
6. We newly introduced Data Communication Networks.
7. We introduced Advanced Java Programming.
8. In Allied 4, Principle of Costing, we revised the content of the syllabus.
9. In Core 13, Visual Programming Lab, we revised the content.
10. We newly introduced Advanced Java Programming Lab.
11. In SBE-4 Biometrics is shifted from 6th semester to 4th semester.
12. In Core 10, Operating System, we revised the content.

MCA:

1. In Core 10, cryptography and network security, we changed the title and text book.
2. In Core 11, Principle of Compiler Design, the Content of the syllabus is revised.
3. we newly introduced the paper cloud computing.
4. In Core 14, Dot net Programming lab, we revised the Content.
5. In elective, Digital Image Processing, we changed the text book.
6. we newly introduced the paper Android Programming.

The Board approves the Draft Syllabi for the II year of BCA & MCA.

Members Present:

1. Dr. M. RAVINDRAN - M. Rai ^{Chair} 20/2/16
2. D. RAJKUMAR - DR 20/02/2016
3. R. ASOKARAJAN - R. Ashyjan 20/2/16.
4. N.G.S. PARAMESWARAN - N.G.S. Parameswaran 20.2.16
5. R. PREM SANKAR - R. Prem 20/2/16
6. M. KARTHIGAIESWARI - M. Karthigeswari
7. P. MURUGIESWARI - P. Mufii
8. A. MAREESWARI - A. Mareeswari
9. B. JEYALAKSHMI - B. Jeyal
10. V. PANDIAMMAL - V. Pandiammal

Minutes of BCA board of Studies meeting
held on 07.03.2017 at 2.00 PM in MCA
Computer centre.

University Nominee:

1. Dr. M. Ravindran,
Associate Professor C
Department of Computer Science,
Govt. Arts & Science College,
Melur - 625 106

Subject Expert:

1. Dr. R. Lawrence,
Director,
Department of MCA,
Ayya Nadar Janaki Ammal College,
Sivakasi - 626 124.
2. Dr. V. Subburaj,
Shree tech,
5/2 hajiyar Complex,
moulana Shahib lane,
Anna Nagar,
Madurai - 20.

Alumnus:

1. Mr. C. K. Balaji,
Assistant professor,
Department of Computer Applications,
Government Arts College,
Sivakasi.

Industrial Representative:

1. Mr. N. Senthil Kumar, M.C.A.,
Senior Engineer,
Honeywell Technology Solutions, Madurai.

Members:

1. Mr. D. Rajkumar
2. Dr. R. Asokarajan
3. Mrs. P. Murugeswari
4. Mrs. B. Jeyalakshmi
5. Mrs. M. Karthigaieswari
6. Mrs. A. Mareeswari
7. Mr. S. Parameswaran
8. Mr. R. Prem Sankar

Resolutions:

According to the previous third year syllabus we revise the following for BCA Course.

1. In Core-15, we newly introduced Relational Database Management System in Fifth Semester.
2. In Elective 1, web Technology we changed the text book and content.

In Data Mining, we changed the text book. we introduced new paper TCP/IP.

3. In Elective 2, we newly introduced Embedded systems. In Computer Algorithms, we changed the chapter 1.1, 1.3.1 \rightarrow 1.3.2 and 1.3.4.
in chapter 3.1, 3.3 to 3.5, 3.6.1, 3.7.1 Changed.
in chapter 5.1 to 5.4, 5.7 to 5.10 are reduced.
in Cloud Computing, we changed the text book.

4. In Core 16 Lab, we newly introduced Relational Database Management System Lab.
5. In Core 17 Lab, Web Technology Lab, we changed the lab list.
6. In NME-1, we newly introduced Fundamentals of Information Technology
7. In Core 18, we newly introduced Software Engineering.

8. In Core 19, Dot Net Programming, we changed the text book.
9. In Core 20, Fifth Semester Elective 1, cryptography moved to Core 20. we reduced 2.1 to 2.6, 2.8. In Chapter 3, 3.1 to 3.6, chapter 4, 4.1 to 4.6, chapter 5.1, 5.2, Chapter 6, 6.1, 6.3, 6.7, 6.8, 6.11. Chapter 9.3.
Newly Introduced Chapter 7.1 to 7.3, 7.5 to 7.7.
10. In ~~Core~~ Project Viva-voce, No Change.
11. In Core 21, Dot Net Programming Lab, we newly introduced C#, ASP.NET Programs.
12. In Skill Based ^{Elective} 6, we newly introduced Mobile Application Development.
13. In NME-2, we newly introduced Introduction to Multimedia. (Multimedia Lab)
14. In Core 22, Fifth Semester Core 16 Lab, is moved to Core 22. we changed the Lab list Programs.

The Board approves the Draft syllabus for the III year BCA.

Members Present:

- | | | | |
|-------------------------|---|---------------------|--------|
| 1. Dr. M. RAVINDRAN | = | M. Ravi | 7/3/17 |
| 2. Dr. R. LAWRENCE | | R. Lawrence | 7.3.17 |
| 3. Dr. SUBBIAH S.V | | Sulth | 7.3.17 |
| 4. C.K. BALAJI | | ca. balaji | 7.3.17 |
| 5. D. RAJKUMAR | | D.R. Rajkumar | 7/3/17 |
| 6. Dr. R. ASOKARAJAN | | R. A. S. Rajan | 7/3/17 |
| 7. P. MURUGESWARI | | P. Muri | |
| 8. B. JEYALAKSHMI | | B. Jeyal | |
| 9. M. KARTHIGAI SWARI | | M. Karthiga | |
| 10. A. MAREESWARI | | A. Mareeswari | |
| 11. N.G.S. PARAMESWARAN | | N.G.S. Parameswaran | |
| 12. R. PREM SANKAR | | R. Prem | |

Minutes of BCA board and MCA board of studies meeting held on 17.02.2018 at 11.00 AM in MCA Computer Centre.

University Nominee:

1. Dr. S. Kannan

Associate Professor,
Department of Computer Applications,
School of Information Technology,
Madurai Kamaraj University,
Madurai - 625 021

Subject Expert:

1. Dr. R. Lawrence,
Director,

Department of MCA,
Ayya Nadar Janaki Ammal College,
Sivakasi - 626 124.

2. Dr. V. Subburaj,

MD, Sreerainz division and Research & Development,
Thebal Thanthi Nagar,
Near NOYCE School, Narimedu.

Alumnus:

1. Mr. C. K. Balaji,

Assistant Professor,
Department of Computer Applications,
Government Arts College,
Sivakasi.

Industrial Representative:

1. Mr. N. Senthil Kumar, M.C.A.

Senior Engineer,

Honeywell Technology Pvt. Ltd.

Members:

1. Mr. D. Rajkumar
2. Dr. R. Asokarajan
3. Mrs. P. Murugeswari
4. Mrs. B. Jeyalakshmi
5. Mrs. M. Karthigaieswari
6. Mrs. A. Mareeswari
7. Mr. S. Parameswaran
8. Mr. R. Prem Sankar

Resolutions:

BCA

1. Discussed the Course structure of the BCA Programme.
2. In Ist Semester, Core 1 Programming in C Content Revised.
3. Allied 1 Discrete Mathematics Content Revised.
4. In Core 2 Lab, C programming, Programming List Revised.
5. We newly introduced "Web Designing Lab"
6. In IInd Semester, Core 3 Object oriented Programming with C++, Content Revised.
7. Allied 2 operation Research Content Revised.
8. In Core 4 Lab object oriented programming with C++ program list Revised.

MCA

1. Discussed the Course structure of the MCA Programme.
2. In 1st Semester, Core 4 Data Structure newly introduced.
3. Core 3, Programming in C Content Revised.
4. Core 5, we newly introduced principles of Information Technology

6. In 2nd Semester, Core 9 multimedia and its Applications Content revised.
7. Core 11 Relational Database Management System newly introduced.
8. Core 14 Lab Client/Server newly introduced.

MCA (Lateral)

1. Discussed the Course structure of the MCA (Lateral) Programme.
2. Core 2, Java programming Content Revised
3. Core 3, Open Source Technology Content Revised.
4. Core 4, Object Oriented Analysis and Design Content Revised.
5. Elective I, System software newly introduced/ Computer Graphics/ Biometrics Content Revised.
6. Core 5, Java programming Lab, Program list Revised.
7. Core 6, Open Source Programming Lab, Program list Revised.
8. Core 7, Python programming newly introduced.
9. Core 8, Data Communication & Networks Content Revised.
10. Core 9, Data Mining newly introduced.
11. Elective II Mobile Computing/ Client Server Computing Content Revised. Soft Computing newly introduced.
12. Core 10, Python programming Lab newly introduced.
13. Core 11 Lab, Advanced Java programming Lab, Program list Revised.

The Board approves the Draft syllabus for the I BCA, I MCA and I MCA (Lateral entry).

Members Present :

- | | |
|----------------------------|------------------------|
| 1. Dr. S. Kannan | S. Kannan |
| 2. Dr. R. Lawrance | P. L. Lawrance |
| 3. Dr. V. Subburaj | Subburaj |
| 4. Mr. D. Rajkumar | D. Rajkumar |
| 5. Dr. R. Abokarajan | R. Abokarajan |
| 6. Mrs. P. Murugeswari | P. Murugesi |
| 7. Mrs. B. Jeyalakshmi | B. Jeyalakshmi |
| 8. Mrs. M. Karthigaieswari | M. Karthigaieswari |
| 9. Mrs. A. Mareeswari | A. Mareeswari |
| 10. Mr. S. Parameswaran | N. G. S. Parameswaran. |

Minutes of Board of Studies Meeting of the
Department of Computer Applications held on 23.02.2019
at 11.00 AM in MCA Computer centre.

University Nominee:

1. Dr. S. Kannan
Associate Professor
Department of Computer Applications
School of Information Technology
Madurai Kamaraj University
Madurai - 625 021

Subject Expert:

1. Dr. R. Lawrence
Director
Department of MCA
Ayya Nadar Janaki Ammal College
Sivakasi - 626 124
2. Dr. V. Subburaj
MD, Sree Brains Division and Research & Development
Thabal Thanthi Nagar
Near NOYCE School, Narimedu.

Alumnus:

1. Mr. C. K. Balaji
Assistant Professor
Department of Computer Applications
Government Arts College
Sivakasi

Industrial Representative:

1. Mr. N. Senthil Kumar, M.C.A.,
Senior Engineer
Honeywell Technology Solutions
Madurai

Members:

1. Mr. D. Rajkumar
2. Dr. R. Asokarajan
3. Mrs. P. Murugeswari
4. Mrs. B. Jeyalakshmi
5. Mrs. M. Karthigaieswari
6. Mrs. A. Mareeswari
7. Mr. S. Parameswaran
8. Mr. R. Prem Sankar

Resolutions:

BCA

1. Discussed and approved the syllabus for II year BCA.
2. In III Semester, Core 6 - Data Structure Content is revised.
3. In Skill Based Lab (SBS-3) - Data Structure Lab list is revised.
4. In IV Semester, Core-9 - Advanced Java Programming Content is revised.
5. In Core 10 Lab - Advanced Java Programming Lab list is revised.
6. In Skill Based Lab (SBS-4) - RDBMS Lab list is revised.

MCA (Lateral)

1. Discussed and approved the syllabus for II year MCA.
2. In III Semester, Core 12 - Cryptography and Network Security Content is revised.
3. In Core 13, Principles of Compiler Design Content is revised.

4. Core-14 III cloud Computing Content is revised.
 5. we newly introduced the Core-15 - Internet of Things.
 6. Elective III - Digital Image Processing Content is revised.
 7. we newly introduced the Core 16 - Android Programming Lab.
- Board has suggested to change the title as Mobile Application ^{development} instead of Android Programmin - 7.

- Resolved to finalized the title of Courses for the III year BCA.

- Board of studies approved the revision of ratio between Internal and External marks for all PG Courses from 25:75 to 40:60 from the academic year 2020-2021.

- we introduced Value added Courses with minimum of 30 Contact hours namely client side web Development, R Programming, Hardware Trouble shooting and Networking, and virtual and Augmented Reality.

- Resolved to encourage UG/PG students to go for an internship in the summer vacation minimum of 10 days.

Members Present:

1. Dr. S. Kannan
2. Dr. V. Subburaj
3. Mr. C. K. Balaji
4. Mr. N. Senthil Kumar
5. Mr. D. Rajkumar
6. Dr. R. Asokarajan

S. Kannan
 Subburaj
 C. K. Balaji
 N. Senthil
 D. Rajkumar
 R. Asokarajan
 23/02/2019

7. Mrs. P. Murugeswari
8. Mrs. B. Jeyalakshmi
9. Mrs. M. Karthigaieswari
10. Mrs. A. Mareeswari
11. Mr. S. Parameswaran
12. Mr. R. Prem Sankar

P. Mujji
B. Jey

M. Karthigaieswari

A. Mareeswari

N.G.S. Parameswaran.

R. Prem Sankar



BOARD OF STUDIES MEETING OF B.C.A HELD ON 29.02.2020

MINUTES OF THE MEETING

The Board of Studies Meeting of **B.C.A** was held today at **10.30a.m.** in the Department of **Computer Applications**. After having a detailed discussion, the Board resolved the following:

1. Resolved to revise the syllabus of the courses for **III B.C.A** as follows:

Semester V

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on Employability / Entrepreneurship / Skill Development	Revised / New / No Change / Interchanged If revised % of change
Core	Relational Database Management System	Operating System	Employability	40% Change Migrated from previous semester
Elective	Web Technology / Data Mining / TCP/IP	Web Technology / Data Mining / TCP/IP	Skill Development / Employability / Employability	40% Change
				35% Change
				25% Change
Core	Embedded Systems / Computer Algorithms / Cloud Computing	Data Communications and Networks	Employability	No Change Migrated from previous semester
Core Lab	Relational Database Management System Lab	Mobile Application Development Lab	Skill Development	New
Core Lab	Web Technology Lab	Web Technology Lab	Skill Development	30% Change
SBE	Employability Skills	Employability Skills	Employability	



VIRUDHUNAGAR HINDU NADARS' SENTHIKUMARA NADAR COLLEGE

(An Autonomous Institution Affiliated to Madurai Kamaraj University)

[Re-accredited with 'A' Grade by NAAC]

Virudhunagar – 626 001.

NME	Fundamentals of Information Technology	Basics of Computer	Employability	New
Core	-	Mobile Application Development	Skill Development	New

Semester VI

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on Employability / Entrepreneurship / Skill Development	Revised / New / No Change / Interchanged If revised % of change
Core	Software Engineering	Software Engineering	Employability	No Change
Elective	Dot Net Programming	Embedded Systems / Computer Algorithms / Cloud Computing	Employability/ Employability/ Skill Development	No Change Migrated from previous semester
Core	Cryptography	Cryptography	Employability	10% Change
Project and Viva Voce	Project and Viva Voce	Project and Viva Voce	Employability	No Change
Core Lab	Dot Net Programming Lab	Dot Net Programming Lab	Skill Development	30% Change
SBE	Mobile Application Development	Internet of Things	Employability	New
NME	Introduction to Multimedia	Introduction to Multimedia	Skill Development	20% Change
Core Lab	Multimedia Lab	Multimedia Lab	Employability	10% Change

VALUE ADDED COURSES

- **Lab: Office Automation**
- **Lab: Creative Game Development using Greenfoot**



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The detailed syllabus passed in the Board of Studies Meeting is given in Annexure – I.

- Resolved to include Project in the final semester and the maximum marks for the projects shall be 100. There shall be **both internal and external valuation in the ratio of 50:50.**
- Resolved to approve the panel of Examiners suggested by the members of the Board as given in Annexure – II.

Members Present:

Name	Category	Signature
Mr.D.Rajkumar	Chairman	 29/02/2020
Mrs.B.Chandrika	University Nominee	 29/2/20
Mr.R.Govindasamy	Subject Expert	 29/2/2020
Mr.J.Murugachandavel	Alumnus	 J.M. uphand 29-2-2020
Mrs.P.Murugeswari	Member	 P. Murugi
Mrs.M.Karthigaieswari	Member	 M. Karthigaieswari
Mrs.A.Mareeswari	Member	 A. Mareeswari
Mr.S.Parameswaran	Member	 N.G.S Parameswaran.
Mr.R.Prem Sankar	Member	 R. Prem Sankar
Dr.M.Mohammed Ismail	Member	 M. Mohammed Ismail



BOARD OF STUDIES MEETING OF M.C.A HELD ON 29.02.2020

MINUTES OF THE MEETING

The Board of Studies Meeting of **M.C.A** was held today at **10.30a.m.** in the Department of **Computer Applications**. After having a detailed discussion, the Board resolved the following:

1. Resolved to approve the tentative syllabus prepared by the **Department of Computer Applications** for the **MCA** course.

Semester I

Subject Core/ Elective/ SBE/NME/SLS	Title of the Course	Focus on Employability/ Entrepreneurship/ Skill Development	Revised /New/ No Change/ Interchanged If revised % of change
Core	Digital Principles and Computer Organization	Employability	NEW
Core	Java Programming	Skill Development	NEW
Core	Open Source Technology	Skill Development	NEW
Core	Software Engineering	Employability	NEW
Elective	Operating Systems / Computer Graphics/ Distributed Operating Systems	Employability/ Employability/ Employability	NEW
Core	Java Programming Lab	Skill Development	NEW
Core	Open Source Programming Lab	Skill Development	NEW

Semester II

Subject Core/ Elective/ SBE/NME/SLS	Title of the Course	Focus on Employability/ Entrepreneurship/ Skill Development	Revised /New/ No Change/ Interchanged If revised % of change
Core	Python Programming	Skill Development	NEW
Core	Relational Database Management System	Employability	NEW
Core	Data Communications and Networks	Employability	NEW
Elective	Mobile Computing/ Data Mining/ Cloud Computing	Employability/ Employability/ Skill Development	NEW
NME	Internet and Web Designing	Skill Development	NEW



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Core	Python Programming Lab	Skill Development	NEW
Core	Relational Database Management System Lab	Skill Development	NEW

Semester III

Subject Core/ Elective/ SBE/ NME/ SLS	Title of the Course	Focus on Employability/ Entrepreneurship/ Skill Development	Revised / New/ No Change/ Interchanged If revised % of change
Core	Cryptography and Network Security	Employability	NEW
Core	Principles of Compiler Design	Employability	NEW
Core	Artificial Intelligence and Applications	Employability	NEW
Core	Internet of Things	Skill Development	NEW
Elective	Software Project Management/ Theory of Computation/ Soft Computing	Employability/ Employability/ Employability	NEW
Core 16	Android Programming Lab	Skill Development	NEW
Core 17	Dot Net Programming Lab	Skill Development	NEW

Semester IV

Part	Title of the Course	Hour	Focus on Employability/ Entrepreneurship/ Skill Development	Revised / New/ No Change/ Interchanged If revised % of change
Project and Viva-voce	Project and Viva-voce	-	Skill Development	NEW

Value Added Courses

- Data Structure
- Computer Algorithms
- System Software

The detailed syllabus passed in the Board of Studies Meeting is given in Annexure – I.



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2. Resolved to approve the panel of Examiners suggested by the members of the Board as given in Annexure – II.

Members Present:

Name	Category	Signature
Mr.D.Rajkumar	Chairman	 29/02/2020
Mrs.J.A.Esther Rani	University Nominee	 29/2/2020
Mr.R.Govindasamy	Subject Expert	 29/2/2020
Mr.J.Murugachandavel	Alumnus	 29-2-2020
Mrs.P.Murugeswari	Member	 P. Murugesi
Mrs.M.Karthigaieswari	Member	 M. Karthigaieswari
Mrs.A.Mareeswari	Member	 A. Mareeswari
Mr.S.Pameswaran	Member	 N.G.S. Pameswaran
Mr.R.Prem Sankar	Member	 29/2/20
Dr.M.Mohammed Ismail	Member	 M. Mohammed Ismail



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BOARD OF STUDIES MEETING OF MCA HELD ON 28.04.2021

MINUTES OF THE MEETING

The Board of Studies Meeting of MCA was held today at **11.00 a.m.** in the Department of **Computer Applications**. After having a detailed discussion, the Board resolved the following:

LIST OF BOARD OF STUDIES MEMBERS:

1.	Mr.D.Rajkumar, Head & Associate Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Chairperson
2.	Mrs.J.A. Esther Rani Associate Professor, Department of Computer Science, Lady Doak College, Madurai – 625 002.	University Nominee
3.	Mr. R. Govindasamy Assistant Professor, Department of Computer Science, Government Arts & Science College, Kovilpatti – 628 503.	Subject Expert
4.	Dr. G. Karthigai Lakshmi Associate Professor & Head, Department of Computer Science, V.V.V. College for Women, Virudhunagar – 626 001.	Subject Expert
5.	Mr. J. Murugachandavel Assistant Professor, Department of MCA, Mepco Schlenk Engineering College, Sivakasi – 626 005.	Alumnus
6.	Mr. N. Senthil Kumar, M.C.A. Senior Engineer, Honeywell Technology Solutions, Madurai.	Corporate Sector
7.	Mrs.P.Murugeswari, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
8.	Mrs.M.Karthigaieswari, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member



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9.	Mrs.A.Mareeswari, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
10.	Mr.S.Parameswaran, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
11.	Mr.R.Prem Sankar, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
12.	Dr.M.Mohamed Ismail, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member

1. Resolved to or revise/modify the syllabus of the courses for **MCA** as follows:

Semester III:

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on Employability / Entrepreneurship / Skill Development	Revised / New / No Change / Interchanged If revised % of change
Core		Cryptography and Network Security	Skill Development	NEW
Core		Principles of Compiler Design	Skill Development	NEW
Core		Artificial Intelligence	Skill Development	NEW
Core		Internet of Things	Skill Development	NEW
Elective		Software Project Management/ Theory of Computation/ Soft Computing	Skill Development Employability Skill Development	NEW
Core		LAB :Android Programming	Skill Development	NEW
Core		LAB : Dot Net Programming	Skill Development	NEW



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Semester IV:

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on Employability / Entrepreneurship / Skill Development	Revised / New / No Change / Interchanged If revised % of change
Core		R Programming	Skill Development	NEW
Core		Lab : Angular JS	Skill Development	NEW
Project and Viva-voce		Project and Viva-voce	Employability	NEW

The detailed syllabus passed in the Board of Studies Meeting is given in Annexure – I.

Members Present:

Name	Category
Mr.D.Rajkumar, Head & Associate Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Chairman
Mrs.J.A. Esther Rani Associate Professor, Department of Computer Science, Lady Doak College, Madurai – 625 002.	University Nominee
Mr. R. Govindasamy Assistant Professor, Department of Computer Science, Government Arts & Science College, Kovilpatti – 628 503.	Subject Expert
Dr. G. Karthigai Lakshmi Associate Professor & Head, Department of Computer Science, V.V.V. College for Women, Virudhunagar – 626 001.	Subject Expert
Mr. J. Murugachandavel Assistant Professor, Department of MCA, Mepco Schlenk Engineering College, Sivakasi – 626 005.	Alumnus
Mrs.P.Murugeswari, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member



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Mrs.M.Karthigaieswari, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
Mrs.A.Mareeswari, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
Mr.S.Parameswaran, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
Mr.R.Prem Sankar, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
Dr.M.Mohamed Ismail, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member



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BOARD OF STUDIES MEETING OF PGDCA HELD ON 28.04.2021

MINUTES OF THE MEETING

The Board of Studies Meeting of **PGDCA** was held today at **11.00 a.m.** in the Department of **Computer Applications**. After having a detailed discussion, the Board resolved the following:

LIST OF BOARD OF STUDIES MEMBERS:

1.	Mr.D.Rajkumar, Head & Associate Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Chairperson
2.	Dr. Jebakumari Beulah Vasanthi J Assistant Professor, Department of Computer Science, ANJA College, Sivakasi.	University Nominee
3.	Mr. R. Govindasamy Assistant Professor, Department of Computer Science, Government Arts & Science College, Kovilpatti – 628 503.	Subject Expert
4.	Dr. G. Karthigai Lakshmi Associate Professor & Head, Department of Computer Science, V.V.V. College for Women, Virudhunagar – 626 001.	Subject Expert
5.	Mr. J. Murugachandavel Assistant Professor, Department of MCA, Mepco Schlenk Engineering College, Sivakasi – 626 005.	Alumnus
6.	Mr. N. Senthil Kumar, M.C.A. Senior Engineer, Honeywell Technology Solutions, Madurai.	Corporate Sector
7.	Mrs.P.Murugeswari, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
8.	Mrs.M.Karthigaieswari, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
9.	Mrs.A.Mareeswari, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member



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10.	Mr.S.Parameswaran, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
11.	Mr.R.Prem Sankar, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
12.	Dr.M.Mohamed Ismail, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member

1. Resolved to or revise/modify the syllabus of the courses for **PGDCA** as follows:

Semester I:

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on Employability / Entrepreneurship / Skill Development	Revised / New / No Change / Interchanged If revised % of change
Core	Fundamentals of Computer & Information Technology	Fundamentals of Computer	Skill Development	Title Changed 25% (Revised)
Core	Programming in C	Programming in C	Skill Development	12% (Revised)
Core	LAB: C Programming	LAB: C Programming	Skill Development	20% (Revised)
Core	Visual Programming Lab	LAB: GUI Programming	Skill Development	NEW
Core	LAB: Office Automation	LAB: Office Automation	Employability	10% (Revised)

Semester II:

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on Employability / Entrepreneurship / Skill Development	Revised / New / No Change / Interchanged If revised % of change
Core	Web Programming	Web Programming	Skill Development	10% (Revised)
Core	Relational Database Management System	Relational Database Management System	Skill Development	20% (Revised)



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Core	LAB: Web Programming	LAB: Web Programming	Skill Development	50 % (Revised)
Core	LAB: RDBMS	LAB: RDBMS	Skill Development	50 % (Revised)
Core	LAB: Multimedia	LAB: Multimedia	Employability	50 % (Revised)

The detailed syllabus passed in the Board of Studies Meeting is given in Annexure – I.

Members Present:

Name	Category
Mr.D.Rajkumar, Head & Associate Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Chairman
Dr. Jebakumari Beulah Vasanthi J Assistant Professor, Department of Computer Science, ANJA College, Sivakasi.	University Nominee
Mr. R. Govindasamy Assistant Professor, Department of Computer Science, Government Arts & Science College, Kovilpatti – 628 503.	Subject Expert
Dr. G. Karthigai Lakshmi Associate Professor & Head, Department of Computer Science, V.V.V. College for Women, Virudhunagar – 626 001.	Subject Expert
Mr. J. Murugachandavel Assistant Professor, Department of MCA, Mepco Schlenk Engineering College, Sivakasi – 626 005.	Alumnus
Mrs.P.Murugeswari, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
Mrs.M.Karthigaieswari, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
Mrs.A.Mareeswari, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
Mr.S.Parameswaran, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
Mr.R.Prem Sankar, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member



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Dr.M.Mohamed Ismail, Assistant Professor, Department of Computer Applications, VHNSN College(Autonomous), Virudhunagar.	Member
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**BOARD OF STUDIES MEETING OF DEPARTMENT OF COMPUTER
APPLICATIONS HELD ON 19.03.2022**

MINUTES OF THE MEETING

The Board of Studies Meeting of **Department of Computer Applications** was held today at **10.30a.m.** in the Department of Computer Applications. After having a detailed discussion, the Board resolved the following:

1. Resolved to revise the syllabus of the courses for I year **Bachelor of Computer Applications (B.C.A)** as follows:

Semester I

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on Employability / Entrepreneurship / Skill Development	Revised / New / No Change / Interchanged If revised % of change
Part 1	Tamil	Tamil		
Part 2	English	English		
Core 1	Programming in C	Web Design with HTML and CSS	Skill Development	NEW
Core 2	LAB: C Programming	Web Design with HTML and CSS Lab	Skill Development	NEW
Core 3		Digital Principles and Computer Organization	Skill Development	Interchanged 20% Revised
Allied I	Discrete Mathematics	Discrete Mathematics	Employability	22% Revised
SBE -1	LAB: Web Designing	Office Automation Lab	Employability	NEW
SLC*	Value Education	Value Education		

Semester II

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on Employability / Entrepreneurship / Skill Development	Revised / New / No Change / Interchanged If revised % of change
Part 1	Tamil	Tamil		



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Part 2	English	English		
Core 4	Object Oriented Programming with C++	Programming in C	Skill Development	Interchanged 25% Revised
Core 5	LAB: Object Oriented Programming with C++	C Programming Lab	Skill Development	Interchanged
Allied 2	Operations Research	Operations Research	Skill Development	6% Revised
SBE - 2	Digital Principles and Computer Organization	Multimedia Lab	Employability	Interchanged 20% Revised
SLC*	Environmental Studies	Environmental Studies		

SLC* - Compulsory Self Learning Course

2. Resolved to revise the syllabus of the courses for I year **Master of Computer Applications (M.C.A)** as follows:

Semester I

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on Employability / Entrepreneurship / Skill Development	Revised / New / No Change / Interchanged If revised % of change
Core 1	Digital Principles and Computer Organization	Digital Principles and Computer Organization	Employability	No Change
Core 2	Java Programming	Java Programming	Skill Development	No Change
Core 3	Open Source Technology	Open Source Technology	Skill Development	No Change
Core 4	Software Engineering	Software Engineering	Employability	Hours and Credit changed
Elective I	Operating System / Computer Graphics / Distributed Operating Systems	Operating System / Computer Graphics / Distributed Operating Systems	Employability/ Employability/ Employability	No Change
Core 5 – Lab	Java Programming Lab	Java Programming Lab	Skill Development	No Change
Core 6 – Lab	Open Source Programming Lab	Open Source Programming Lab	Skill Development	Hours and Credit changed & 10% Revised



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Semester II

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on Employability / Entrepreneurship / Skill Development	Revised / New / No Change / Interchanged If revised % of change
Core 7	Python Programming	Python Programming	Skill Development	No Change
Core 8	Relational Database Management System	Relational Database Management System	Employability	5% Revised
Core 9	Data Communications and Networks	Data Communications and Networks	Employability	Hours and Credit changed
Elective II	Mobile Computing/ Data Mining/ Cloud Computing	Mobile Computing/ Data Mining/ Cloud Computing	Employability/ Employability/ Skill Development	No Change
NME	Internet and Web Designing	Internet and Web Designing	Skill Development	No Change
Core 10 – Lab	Python Programming Lab	Python Programming Lab	Skill Development	Hours and Credit changed
Core 11 – Lab	Relational Database Management System Lab	Relational Database Management System Lab	Skill Development	20% Revised

3. Resolved to revise the syllabus of the courses for **Post Graduate Diploma in Computer Applications (P.G.D.C.A)** as follows:

Semester I

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on Employability / Entrepreneurship / Skill Development	Revised / New / No Change / Interchanged If revised % of change
Core 1	Fundamentals of Computer & Information Technology	Fundamentals of Computer & Information Technology	Skill Development	No Change
Core 2	Programming in C	Programming in C	Skill Development	No Change
Core 3	Lab: C Programming	Lab: C Programming	Skill Development	No Change
Core 4	Lab: GUI Programming	Lab: GUI Programming	Skill Development	No Change
Core 5	Lab: Office Automation	Lab: Office Automation	Employability	No Change



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Semester II

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on Employability / Entrepreneurship / Skill Development	Revised / New / No Change / Interchanged If revised % of change
Core 6	Web Programming	Web Programming	Skill Development	No Change
Core 7	Relational Database Management System	Relational Database Management System	Skill Development	20% Revised
Core 8 Lab	Lab: Web Programming	Lab: Web Programming	Skill Development	No Change
Core 9 Lab	Lab: Relational Database Management System	Lab: Relational Database Management System	Skill Development	No Change
Core 10 Lab	Lab: Multimedia	Lab: Multimedia	Employability	No Change

The detailed syllabus passed in the Board of Studies Meeting is given in Annexure – I.

4. Resolved to approve the panel of Examiners suggested by the members of the Board as given in Annexure – II.

5. Resolved to approve the title of the Courses for the II BCA, III BCA and II MCA.

Members Present:

Name	Category	Signature
Mr.D.Rajkumar	Chairman	D.Rajkumar 19/03/2022
Dr. Vijayalakshmi Stephen	University Nominee	Got permission for Absent
Dr.A.Ranichitra	Subject Expert	Got permission for Absent
Dr.V.Vallinayagi	Subject Expert	P. Vallinayagi 19/3/22
Mr.A.Nagarajan	Alumnus	A. Nagarajan
Mr.S.Pradeep Kumar	Corporate Sector	Got permission for Absent
Mrs.P.Murugeswari	Member	P. Murugeswari
Mrs.M.Karthigaieswari	Member	M. Karthigaieswari
Mrs.A.Mareeswari	Member	A. Mareeswari
Mr.N.G.S.Parameswaran	Member	N.G.S. Parameswaran.
Mr.R.Prem Sankar	Member	R. Prem Sankar
Dr.M.Mohamed Ismail	Member	M. Mohamed Ismail



BOARD OF STUDIES MEETING OF B.C.A & M.C.A HELD ON 08-10-2022

MINUTES OF THE MEETING

The Board of Studies Meeting of B.C.A & M.C.A was held today at 10:30 A.M in the Department of Computer Applications. After having a detailed discussion, the Board resolved the following:

1. Resolved to revise the syllabus of the courses for II year B.C.A as follows:

Semester III

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on			Revised / New / No Change / Interchanged If revised % of change	Course Contribution
			Employability	Entrepreneurship	Skill Development		Local/ National/ Global Level
Part 1	Tamil	Tamil					
Part 2	English	English					
Core 6	Java Programming	Java Programming	✓	✓	✓	No Change	Global
Core 7	Data Structure	Data Structure	✓		✓	No Change	Global
Core 8	Java Programming Lab	Java Programming Lab	✓	✓	✓	No Change	Global
Allied 3	Computer Based Financial Accounting	Computer Based Financial Accounting	✓			No Change	Local
SBE – 3 LAB	Data Structures Lab	Data Structures Lab	✓		✓	30% Revised	Global

Semester IV

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on			Revised / New / No Change / Interchanged If revised % of change	Course Contribution
			Employability	Entrepreneurship	Skill Development		Local/ National/ Global Level
Part 1	Tamil	Tamil					
Part 2	English	English					



Core 9	Relational Database Management System	Relational Database Management System	✓		✓	15% Revised	Global
Core 10	Advanced Java Programming	Python Programming	✓		✓	New	Global
Core 11	Advanced Java Programming LAB	Python Programming Lab	✓		✓	New	Global
Allied 4	Principles of Costing	Principles of Costing			✓	50% Revised	National
SBE – 4 LAB	Relational Database Management System Lab	Relational Database Management System Lab	✓		✓	No Change	Global

The detailed syllabus passed in the Board of Studies Meeting is given in Annexure – I.

2. Resolved to approve the draft syllabi for **B.C.A** with the following changes:

Course	Unit No.	Changes
Data Structures Lab	Program No. 3,9,10	Added: Program to implement Selection Sort using Arrays. Program to search a given number using Linear search. Program to search a given number using Binary search.
Relational Database Management System	Unit IV	Added: Aggregate Functions: Introduction - General rules - COUNT() and COUNT(*) - SUM() - AVG() - MAX() and MIN(). Removed: PL/SQL: Introduction of PL/SQL ; Difference between PL/SQL and SQL ; Advantages of PL/SQL ; PL/SQL Block ; Conditional, Iterative Statements, Operators, Control Structure, Functionality, coding, Functions, Procedures, Anonymous Block in PL/SQL ; Packages ; Variables in PL/SQL ; Conditional Statements ; Array, Error, Exception Handling in PL/SQL ; For Loops ; Cursors ; PL/SQL Subprograms ; Stored Procedures, Parameters, Discovering Errors ,Printing Variables ,Simple Programs in PL/SQL ; Control Flow, The Character Set in PL/SQL ; Data types in PL/SQL.



Principles of Costing	Unit I	Scope- Cost Terms and Concepts Methods of Costing- Preparation of Cost Sheet (Simple Problems only)
	Unit II	Meaning of Material Control - Essentials of Material Control - Determination of Stock level' – (Minimum level, Maximum level, Re-order level, reorder quantity and danger level)
	Unit III	Classification of Labour
	Unit IV	Assumptions – Chart
	Unit V	Budget and Budgetary Control: Meaning – Objectives – Characteristics – Essentials of a Successful Budgetary control – Preparation of Sales Budget – Production Budget – Cash Budget – Flexible Budget

3. Resolved to revise the syllabus of the courses for II year **M.C.A** as follows:

Semester III

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on			Revised / New / No Change / Interchanged If revised % of change	Course Contribution
			Employability	Entrepreneurship	Skill Development		Local/ National/ Global Level
Core 12	Cryptography and Network Security	Cryptography and Network Security			✓	No Change	Global
Core 13	Principles of Compiler Design	Principles of Compiler Design			✓	No Change	National
Core 14	Artificial Intelligence	Artificial Intelligence	✓	✓	✓	7% Revised	Global
Core 15	Internet of Things	Internet of Things	✓	✓	✓	No Change	Global



Elective III	Software Project Management / Theory of Computation /Soft Computing	Software Project Management / Theory of Computation /Soft Computing	✓	✓	✓	5% Revised	Global
			✓			No Change	National
					✓	No Change	National
Core 16 – Lab	Android Programming Lab	Android Programming Lab	✓	✓	✓	2% Revised	Global
Core 17 – Lab	Dot Net Programming Lab	Dot Net Programming Lab	✓	✓	✓	No Change	National

Semester IV

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on			Revised / New / No Change / Interchanged If revised % of change	Course Contribution Local/ National/ Global Level
			Employability	Entrepreneurship	Skill Development		
Core 18	R Programming	R Programming	✓		✓	No Change	Global
Core 19 - Lab	Angular JS Lab	Angular Lab	✓	✓	✓	New	Global
Project and Viva-Voce	Project and Viva-Voce	Project and Viva-Voce	✓	✓	✓	Mark Revised	Global

4. Resolved to approve the draft syllabi for **M.C.A** with the following changes:

Course	Unit No.	Changes
Artificial Intelligence	Unit III	Representing Knowledge Using Rules: Procedural versus Declarative Knowledge; Forward versus Backward Reasoning; Matching.
Software Project Management	Unit II	Removed Programme Management, Managing the allocation of resources within programmes, Benefits Management.



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	Unit III	Added Applying the PERT Technique; Monte Carlo Simulation
Android Programming Lab		Removed the Application using Maps Program.
Project and Viva-Voce		Mark Revised

5. Resolved to approve the panel of Examiners suggested by the members of the Board as given in Annexure – II.

6. Resolved to approve the course blueprints of B.C.A and M.C.A programmes.

Members Present:

Name	Category	Signature
Mr.D.Rajkumar	Chairman	<i>[Signature]</i> 08/10/2022
Dr.Vijayalakshmi Stephen	University Nominee	Absent
Dr.A.Ranichitra	Subject Expert	Got permission for Absent
Dr.V.Vallinayagi	Subject Expert	Got permission for Absent
Mr.A.Nagarajan	Alumnus	<i>[Signature]</i> 08/10/22
Mr.S.Pradeep Kumar	Corporate Sector	<i>[Signature]</i> 08/10/22
Mrs.P.Murugeswari	Member	<i>[Signature]</i> 8/10/22
Mrs.M.Karthigaieswari	Member	<i>[Signature]</i> 8/10/22
Mrs.A.Mareeswari	Member	<i>[Signature]</i> 8/10/22
Mr.S.Parameswaran	Member	<i>[Signature]</i> N.G.S. Parameswaran. 8-10-22
Mr.R.Prem Sankar	Member	<i>[Signature]</i> 8/10/22
Dr.M.Mohamed Ismail	Member	<i>[Signature]</i> 8/10/22



BOARD OF STUDIES MEETING OF B.C.A HELD ON 07-06-2023

MINUTES OF THE MEETING

The Board of Studies Meeting of **B.C.A** was held today at **10:30 a.m.** in the Department of Computer Applications. After having a detailed discussion, the Board resolved the following:

1. Resolved to revise the syllabus of the courses for **I year B.C.A** as follows:

Semester I

Subject Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on			Revised / New / No Change / Interchanged If revised % of change	Course Contribution
			Employability	Entrepreneurship	Skill Development		Local/ National/ Global Level
Part I	Tamil	Tamil					
Part II	English	English					
Core 1	Web Design with HTML and CSS	Python Programming			✓	Interchanged 45%	Global
Core 2	Lab: Web Design with HTML and CSS	Python LAB			✓	Interchanged 35%	Global
Core 3	Digital Principles and Computer Organisation	-	-	-	-	-	-
Allied 1	Discrete Mathematics	EC1: Discrete Mathematics	✓			No Change	Global
SBE - 1	Lab: Office Automation	FC: Structured Programming Language in C			✓	New	Global
SLS	Value Education	AECC 1 : Communication Skills for Employment – I	✓			New	Global
NME	-	SEC-1: Introduction to HTML			✓	New	Global



Semester II

Subject Allied/ Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on			Revised / New / No Change / Interchanged If revised % of change	Course Contribution
			Employability	Entrepreneurship	Skill Development		Local/ National/ Global Level
Part I	Tamil	Tamil					
Part II	English	English					
Core 4	Programming in C	Object Oriented Programming Concepts Using C++			✓	New	Global
Core 2	Lab: C Programming	C++ Programming Lab			✓	New	Global
Allied 2	Operations Research	EC2 : Optimization Techniques	✓			Title Change	National
SBE - 2	Lab: Multimedia	SEC-3 : Web Designing			✓	New	Global
SLS	Environmental Studies	AECC 2 : Communication Skills for Employment – II	✓			New	Global
NME	-	SEC-2: Office Automation	✓			New	Global

The detailed syllabus passed in the Board of Studies Meeting is given in Annexure – I.

2. Resolved to approve the draft syllabi for **B.C.A** with the following changes:

Course	Unit No.	Changes
Python Programming	I	History of Python-Features of Python – Python Arrays: Defining and Processing Arrays – Array methods.
	III	Modules: import statement- The Python module – dir() function – Modules and Namespace – Defining our own modules.
	IV	Dictionaries: Creating, Accessing, Updating and Deleting Elements in a Dictionary – Dictionary Functions and Methods - Difference between Lists and Dictionaries.
	V	File Handling: Types of files in Python - Opening and Closing files-Reading and Writing files: write() and writelines() methods- append() method – read() and readlines() methods – with keyword – Splitting words – File methods - File Positions- Renaming and deleting files.



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Python LAB	Program No. 2, 7, 8, 10, 14	Program using Operators in Python. Program using Recursion. Program using Arrays. Program using Modules. Program for File Handling.
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3. Resolved to approve the panel of Examiners suggested by the members of the Board as given in Annexure – II.

Members Present:

Name	Category	Signature
Mr.D.Rajkumar	Chairman	<i>DR</i> 07/06/2023
Dr.Vijayalakshmi Stephen	University Nominee	Absent
Dr.A.Ranichitra	Subject Expert	Got permission for Absent
Dr.V.Vallinayagi	Subject Expert	Got permission for Absent
Mr.A.Nagarajan	Alumnus	Absent 07/06/2023
Mr.S.Pradeep Kumar	Corporate Sector	<i>SPK</i> 07/06/2023
Mrs.P.Murugeswari	Member	P. Murugeswari
Mrs.M.Karthigaieswari	Member	M. Karthigaieswari 07/06/23
Mrs.A.Mareeswari	Member	A. Mareeswari 7/6/23
Mr.S.Parameswaran	Member	Got permission for Absent
Mr.R.Prem Sankar	Member	R. Prem Sankar
Dr.M.Mohamed Ismail	Member	M.M. Mohamed Ismail 7/6/23



BOARD OF STUDIES MEETING OF B.C.A HELD ON 30.10.2023

MINUTES OF THE MEETING

The Board of Studies Meeting of B.C.A was held today at **10.30 a.m.** in the Department of Computer Applications. After having a detailed discussion, the Board resolved the following:

1. Resolved to revise the syllabus of the courses for I year II Semester B.C.A as follows:

Semester II

Subject Allied/ Core / Elective / SBE / NME / SLS	Title of the Existing Course	Title of the Course after revision	Focus on			Revised / New / No Change / Interchanged If revised % of change	Course Contribution
			Employability	Entrepreneurship	Skill Development		Local/ National/ Global Level
Part I	Tamil	Tamil					
Part II	English	English					
Core 3	Object Oriented Programming Concepts Using C++	Object Oriented Programming Concepts Using C++			✓	Revised 40%	Global
Core 4	C++ Programming Lab	C++ Programming Lab			✓	Revised 20%	Global
Allied 2	Optimization Techniques	Optimization Techniques	✓			No Change	National
SBE 2	SEC-3: Web Designing	Lab: Multimedia			✓	New	Local
NME	SEC-2: Office Automation	Basics of Computer			✓	New	Local

The detailed syllabus passed in the Board of Studies Meeting is given in Annexure – I.



2. Resolved to approve the draft syllabi for B.C.A with the following changes:

Course	Unit No.	Changes
Object Oriented Programming Concepts Using C++	I	Applications of OOP, Structure of C++ Program.
	II	Tokens – Keywords – Identifiers and Constants – Basic Data Types – User-Defined Data Types – Storage Classes – Derived Data Types – Symbolic Constants – Type Compatibility – Declaration of Variables – Dynamic Initialization of Variables – Reference Variables – Operators in C++ – Scope Resolution Operator – Member Dereferencing Operators – Memory Management Operators – Manipulators – Type Cast Operator – Expressions and Their Types – Special Assignment Expressions – Implicit Conversions – Operator Precedence
	III	Constructors – Parameterized Constructors – Multiple Constructors in a Class – Constructors with Default Arguments – Copy Constructor – Destructor.
	IV	Rules for Overloading Operators, Constructors in Derived Classes
	V	Pure Virtual Functions., Unformatted I/O Operations – Formatted Console I/O Operations.
C++ Programming Lab		Write a C++ program to demonstrate I/O statements. Write a C++ program to demonstrate conditional statements. Write a C++ program to implementation of function overloading Write a C++ program to demonstrate pointers.



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3. Resolved to approve the panel of Examiners suggested by the members of the Board as given in Annexure – II

Members Present:

Name	Category	Signature
Mr.D.Rajkumar	Chairman	<i>DR</i> 30/10/2023
Dr.Vijayalakshmi Stephen	University Nominee	Got permission for Absent
Dr.A.Ranichitra	Subject Expert	Got permission for Absent
Dr.V.Vallinayagi	Subject Expert	<i>Vallinayagi</i>
Mr.A.Nagarajan	Alumnus	<i>AT</i>
Mr.S.Pradeep Kumar	Corporate Sector	Got permission for Absent
Mrs.P.Murugeswari	Member	<i>P. Muri</i>
Mrs.M.Karthigaieswari	Member	<i>M. Karthigaieswari</i>
Mrs.A.Mareeswari	Member	<i>A. Mareeswari</i>
Dr.S.Parameswaran	Member	<i>N.G.S. Parameswaran.</i>
Mr.R.Prem Sankar	Member	<i>R. Prem Sankar</i>
Dr.M.Mohamed Ismail	Member	<i>M. Mohamed Ismail</i>
Ms.M,Vijaya Durga	Member	<i>M. V. Vijaya Durga</i>