Minutes of the Board of Studies
[Post Graduate – Computer Application]
meeting held on 21-03- 2015

Post Graduate and Research Department of Computer Science

Nehru Memorial College
[Autonomous]
Puthanampatti – 621 007

The meeting of the **Board of Studies (Post Graduate - Computer Applications)** was convened on **21st March 2015** at **10.00 am** at Seminar Hall, Nehru Memorial College, Puthanampatti.

The following members attended the meeting.

1. **Dr. R.SivaKumar**
    Associate Professor & HOD
    Department of Computer Science
    A.V.V.M.Sri Pushpam College
    Poondi
    Thanjavur Dist   --University Nominee

2. **Prof. S.T. Rajan**
    Associate Professor
    Department of Computer Science
    St.Joseph's College
    Tiruchirrappalli.   -- Chairperson(PG CA)

3. **Prof. M. Muralidharan**
    Head, Department of Computer Science
    Nehru Memorial College
    Puthanampatti
    Trichy – Dt.,   - Chairperson(MSC CS)

4. **Dr.E.George Dharma Prakash Raj**
    Associate Professor
    School of Computer Science, Engineering and Applications
    Bharathidasan University
    Tiruchirrappalli   -- Subject Expert

5. **Dr. D. J. Evanjaline**
    Head
    Department of Computer Application(MCA)
    Jayaram College of Engineering and Technology
    Karattampatti
    Thuraiyur   -- Subject Expert

6. **Dr.V. Vishwanathan**
   Associate Professor
   School of Computing Science and Engineering
   VIT University, Chennai Campus
   Vandalore
   Chennai.   -- **Alumni Representative**

7. **Dr. N. Karthikeyan**
   Associate Professor & Head
   Department of Computer Applications
   SNS College of Engineering
   Coimbatore.   -- **Alumni Representative**

8. **Mrs. R.Akila**
   Assistant Professor
9. **Mrs. J.Sai Geetha**
   Assistant Professor
10. **Mrs. R.Jaya**
    Assistant Professor
11. **Mrs. K.Ponvel Azhagu Lakshmi**
    Assistant Professor
12. **Mrs. D.Jayachitra**
    Assistant Professor
13. **Mrs. K.Sridevi**
    Assistant Professor
14. **Mrs.V.Priya**
    Assistant Professor
15. **Ms. P.Kalpana**
    Assistant Professor
    Department of Computer Science
    Nehru Memorial College
    Puthanampatti.   --**Members**

Minutes of the BOS PG – MCA meeting held on 21-03- 2015

The Chairperson welcomed the members and informed them the necessity of revising the curriculum for **MCA Computer Application** from the academic year **2015-2016**. Then the chairperson permitted Mrs. K.Ponvel Azhagu Lakshmi, Assistant Professor in Computer Science, to present a brief report on curriculum development process made so far. Mrs.K.Ponvel Azhagu Lakshmi further informed that this is the 5th revision in sequence and a detailed comparative statement of curriculum designed during the academic years **2004-05, 2005-06, 2008-09** and **2011-12** was presented before the members. Then the feedback received from the Students, Alumni, Academic Experts and Industry Representatives were presented and perused by the members. It is further informed that a sub-committee was constituted to discuss and frame the draft curricula. The sub-committee met on the following dates and held a detailed discussion on curriculum revision and finally prepared a detailed draft curriculum.

08-12-2014, 22-12-2014, 09-01-2015, 21-01-2015, 13-02-2015, 18-03-2015

Then the draft curriculum prepared by sub-committee was placed before the pre-board of studies meeting conducted on **23-02-2015** and **16-03-2015** where the entire faculty members participated in the revision process and offered valuable suggestions. The faculty members had a fruitful discussion and finally prepared a draft syllabi and the same was placed before the **Board of Studies** for its perusal. The members perused the draft syllabi and a detailed discussion was made on the draft curricula. The suggestions proposed by the members in various suggestions/changes proposed by the members were listed as **Annexure I**. The members appreciated the effort taken by the faculty members and passed the following resolution unanimously.

> **Resolution No: PG/BOS01/2015:**
>
> It is resolved unanimously to approve the proposed revised curriculum for the **MCA (Computer Application)** programme as per the common course structure in the CBCS pattern for the candidates to be admitted from **2015-2016**. The revised course structure and syllabus are enclosed in **Annexure II**.

Resolution No: PG/BOS02/2015:

It is resolved to introduce **internship** during the Vth Semester vocation on a trial basis. The students, who have completed the internship, may be given an extra **2 credits**

Resolution No: PG/BOS03/2015:

It is further resolved to offer the following courses with 1 credit each.

Communication Skill

Aptitude

Debugging

Programming Skill

Technical Skill Development

The meeting ended at 12.00 pm and Mrs.R.Akila, Assistant Professor in Computer Science thanked all the members for their active participation and contributions.

13. The Internal component weightage should be modified to 40

14. For Practical Examination, Question pattern has to be divided into two parts.
    i.   Part-A: Questions from the specified list of programs
    ii. Part-B: Questions from concepts and set passing minimum for both part A and Part B.

15. For Theory Examinations, Question Paper includes 50% theory questions and 50% of problem solving questions.

16. Change the method of assessing Practical Knowledge.

17. It is further recommended to provide text book with latest edition and number of text books should be limited to two for each course.

18. It is recommended to select Elective course - Master of subjects in any one of the stream

19. It is recommended to have Data mining and Data Ware housing, Ruby on rails and Software Testing as **Elective course I**

20. It is recommended to have Service Oriented Architecture and Human Computer Interaction as **Elective course II.**

21. It is recommended to have Big Data Analytics, Haskell Programming and Software Project Management as **Elective course III.**

22. It is recommended to have Cloud Computing and Graphics and Multimedia as **Elective course IV.**

23. It is further recommended that in all language courses 20 % of the questions shall be problem oriented.
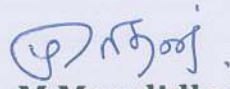
/------------------/

Dr.T.Jayaprakasam
Principal
Nehru Memorial College
(Autonomous)
Puthanampatti
Tiruchirapalli District

MQAC/BOS/PG-MCA/07.nutes

M.Muralidharan
Chairperson

1. Dr. R.Sivakumar

2. Prof. S.T. Rajan

3. Prof. M. Muralidharan

4. Dr.E.George Dharma Prakash Raj

5. Dr. D. J. Evanjaline

6. Dr. V. Vishwanathan

7. Dr. N. Karthikeyan

8. Mrs. R.Akila

9. Mrs. J.Sai Geetha

10. Mrs. R.Jaya

11. Mrs. K.Ponvel Azhagu Lakshmi

12. Mrs. D.Jayachitra

13. Mrs. K.Sridevi

14. Mrs.V.Priya

15. Ms. P.Kalpana

Dr.T.Jayaprakasam
Principal
Nehru Memorial College
(Autonomous)
Puthanampatti 621 007.
Tiruchirapalli District

M.Muralidharan
Chairperson

Annexure –I

Proposed suggestions/changes made in the draft curriculum by the Board of Studies in its meeting dated 21/03/2015

1. Three Courses namely **'Python programming'**, **'Web programming '** and **'Mathematics'** are necessary for both regular and lateral students. The committee suggested to introduce those papers from Semester III onwards.

2. **Web Design** paper with html, Photoshop, flash and Dreamweaver has to be introduced in Semester I

3. The text book for **'Cloud computing '** should be changed

4. Title **'Data Mining'** may be renamed as **'Data Mining and Datawarehousing'** with Data mining concepts in 3 Units and Data ware housing concepts in 2 Units

5. In **Human Computer Interaction**, include screen design and introduce apt text book.

6. In **Data Communication Network**, increase the concepts of routers and TCP/IP.

7. JSON parsing may be added to **'Service Oriented Architecture'** course

8. Software Tools need to be introduced for the relevant paper.

9. The Syllabus for Practical papers include Installation, debugging and configuration of the software

10. Additional credits may be given to the advanced learners who are involved in IBM projects, Learning recent technology from the library, Paper presentation and published.

11. At the end of Semester I , Domain study has to be introduced. For that students may visit the industry and provide reports with photographs and documents.

12. Avoid IEEE projects and encourage industrial projects.