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**Minutes of the Board of Studies**  
**[Post Graduate – Computer Applications]**  
meeting held on **25-09-2018**

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**Post Graduate and Research Department of  
Computer Science**

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**Nehru Memorial College**  
[Autonomous]  
Puthanampatti – 621 007

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## Minutes of the BOS PG – MCA meeting held on 25-09- 2018

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The meeting of the **Board of Studies (Post Graduate - Computer Applications)** was convened on **25<sup>th</sup> Sep' 2018** at **1.00 pm** at Seminar Hall, Nehru Memorial College, Puthanampatti.

The following members attended the meeting.

**1. Prof. M. Muralidharan**

Head, Department of Computer Science  
Nehru Memorial College  
Puthanampatti  
Trichy - Dt.,

-- Chairperson

**2. Dr. E George Dharma Prakash Raj**

Associate Professor  
Department of Computer Science  
School of Computer Science, Engineering and Applications  
Bharathidasasn University  
Tiruchirappalli

--University Nominee

**3. Dr. P.Thiyagarajan**

Head  
Department of Computer Science  
Central University  
Thiruvarur

-- Subject Expert

**4. Dr.P.Eswaran**

Assistant Professor  
Department of Computer Science  
Alagappa University  
Karaikudi

-- Subject Expert

**5. Dr.V. Vishwanathan**

Associate Professor  
School of Computing Science and Engineering  
VIT University, Chennai Campus  
Vandalore  
Chennai.

-- Alumni Representative



## Minutes of the BOS PG – MCA meeting held on 25-09- 2018

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**6. Mr.AndiGiri**

**CEO**

Softsquare Solutions  
Tidel park, South A Block  
Taramani,Chennai

**--Industry Expert**

**7. Dr.A.R.Ponperiasamy**

Associate Professor

**-- Principal**

**8. Dr. S. Murugan,**

Associate Professor

**--Chair Person [PG-CS]**

**9. Dr. K. Mani**

Associate Professor

**10.Mrs. K.Ponvel Azhagu Lakshmi**

Assistant Professor

**11.Mrs. D.Jayachitra**

Assistant Professor

**12.Mrs. K.Sridevi**

Assistant Professor

**13.Mrs.V.Priya**

Assistant Professor

**14.Ms. P.Kalpana**

Assistant Professor

**15.Mrs.K.Saraswathi**

Assistant Professor

**16.Mr.P.Velmurugan**

Assistant Professor

Department of Computer Science

Nehru Memorial College

Puthanampatti.

**--Members**

### **APOLOGIES**

**Mr.Andi Giri**

The Chairperson welcomed the members and informed them the necessity of revising the curriculum for **MCA Computer Applications** from the academic year **2019-2020**. 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 6<sup>th</sup> revision in sequence and a detailed comparative statement of curriculum designed during the academic years



## Minutes of the BOS PG – MCA meeting held on 25-09- 2018

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**2004-05, 2005-06, 2008-09, 2011-12 and 2015-16** 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.

**03-09-2018, 06-09-2018,18-09-2018**

Then the draft curriculum prepared by sub-committee was placed before the pre-board of studies meeting conducted on **05-09-2018** and **08-09-2018** 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/BOS01/2018:**

It is resolved unanimously to approve the proposed revised curriculum for the **MCA (Computer Applications)** programme as per the common course structure in the CBCS pattern for the candidates to be admitted from **2019-2020**. The revised course structure and syllabus are enclosed in **Annexure II**.

**Resolution No: PG/BOS02/2018:**

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



## Minutes of the BOS PG – MCA meeting held on 25-09- 2018

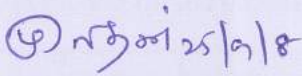

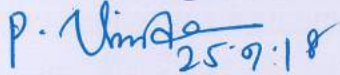
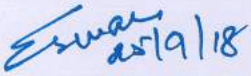


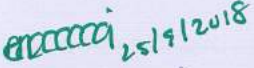

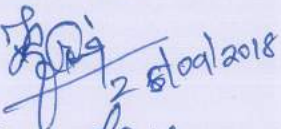
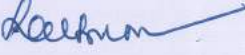
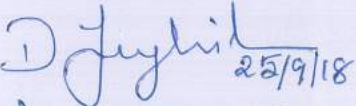
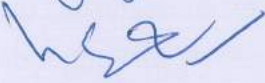
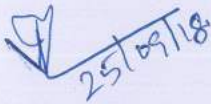
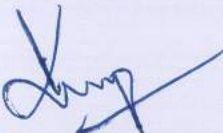
**Resolution No: PG/BOS03/2018:**

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

### **Professional Skill Development**

### **Problem Solving for Computer Science Technical Interview**

The meeting ended at 4.00 pm and Mrs.K.Ponvel Azhagu Lakshmi, Assistant Professor in Computer Science thanked all the members for their active participation and contributions.

1. Prof. M. Muralidharan 
2. Dr. E George Dharma Prakash Raj 
3. Dr. P.Thiyagarajan 
4. Dr.P.Eswaran 
5. Dr. V. Vishwanathan 
6. Mr.AndiGiri 
7. Dr A.R.Ponperiasamy 
8. Dr. S. Murugan 
9. Dr. K. Mani 
10. Mrs. K.Ponvel Azhagu Lakshmi 
11. Mrs. D.Jayachitra 
12. Mrs. K.Sridevi 
13. Mrs.V.Priya 
14. Ms. P.Kalpana 

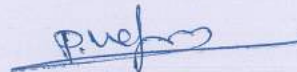
Minutes of the BOS PG – MCA meeting held on 25-09- 2018

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15. Mrs.K.Saraswathi



16. Mr.P.Velmurugan



*Dr.A.R.Ponperiasamy*  
25/9/2018  
**Dr.A.R.Ponperiasamy**  
**Principal**

*M.Muralidharan*  
25/9/18  
**M.Muralidharan**  
**Chairperson**



**Annexure -I**

**Proposed suggestions/changes made in the draft curriculum by the Board of Studies in its meeting dated 25/09/2018**

1. Suggested to move **Financial and Management Accounting** in **SC-IV** and asked to **move to 3<sup>rd</sup> semester**
2. **Accounting and Financial Management** title may be used instead of **Financial and Management Accounting**
3. Suggested to introduce **Computer Networks** as **CC-VII**
4. Asked to replace **Operations Research** with **Statistical Methods** in **SC-3**
5. Shift Scripting Languages as **CC-VIII**
6. Suggested to use **Rajkamal** Book for **Mobile Computing**
7. Title of the subject should be very clear
8. Replace **platform based development** with **Web design and Development [PHP, MySQL, AJAX, JOOMLA]** for **CC-IX**
9. Suggested to replace **Web development lab** with as **[PHP, MySQL, AJAX, JOOMLA] Lab**
10. Recommended to Replace **scripting language** as **Scripting Languages [JavaScript, Angular JS, Node JS, Bootstrap]**
11. Suggested to have "**Scripting languages Lab**" instead of "**Scripts lab**"
12. In Elective - 01 **Service Oriented Architecture** may be replaced with "**Mobile Computing**"

## Minutes of the BOS PG – MCA meeting held on 25-09- 2018

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13. Suggested to Remove **Ruby on Rail** and may be replaced with **Service Oriented Architecture**
14. Suggested to use **Application Development using Python** as title for Platform based development -II
15. Recommended to use **Applications Development Lab [Python]** instead of **Platform based Development -II Lab**
16. Swap **Software Engineering** with **Data Mining and Warehousing**
17. ~~Zxamerin open source tool~~ may be included in the mobile development
18. Recommended to replace **Distributed programming II** with **.NET Programming**
19. **Mobile application development Lab** instead **Mobile Apps development**
20. Recommended **Mobile Application Development** as CC-16
21. Remove **Multimedia** from **Computer Graphics and Multimedia**
22. Recommended to go with internal valuation for **Problem Solving for Computer Science Technical Interview.**
23. Suggested to introduce **Internships in IV<sup>th</sup> Semester**, **mini project in the V<sup>th</sup> semester** and **Project in the VI<sup>th</sup> semester.**
24. In Elective -01 **HCI** may be replaced with **Digital Image Processing.**

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*Dr.A.R.Ponperiasamy*  
25/9/2018  
**Dr.A.R.Ponperiasamy**  
**Principal**

*M.Muralidharan*  
**M.Muralidharan**  
**Chairperson**



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**Minutes of the Board of Studies**  
**[UG – Computer Applications]**  
meeting held on **28-09-2018**

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**Post Graduate and Research Department of  
Computer Science**

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**Nehru Memorial College**  
[Autonomous]  
Puthanampatti – 621 007

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## Minutes of the BOS UG – BCA meeting held on 28-09- 2018

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The meeting of the **Board of Studies (Post Graduate - Computer Applications)** was convened on **25<sup>th</sup> Sep' 2018** at **1.00 pm** at Seminar Hall, Nehru Memorial College, Puthanampatti.

The following members attended the meeting.

1. **Prof. K.Ponvel Azhagu Lakshmi**  
Assistant Professor  
Department of Computer Science  
Nehru Memorial College  
Puthanampatti  
Trichy – Dt., -- Chairperson
2. **Dr. D.I.George Amalarethinam**  
Associate Professor & Director-MCA  
Department of Computer Science  
Jamal Mohamed College  
Trichy -- University Nominee
3. **Dr. T. Amudha**  
Assistant Professor  
Department of Computer Applications  
Bharathiyar University  
Coimbatore -- Subject Expert
4. **Dr.V.Selvi**  
Assistant Professor  
Department of Computer Science  
Mother Teresa University  
Kodaikanal -- Subject Expert
5. **Ms.U.Jeyapriya**  
Head  
Department of Computer Science  
Stella Maris College for Women  
Chennai -- Alumni Representative



## Minutes of the BOS UG – BCA meeting held on 28-09- 2018

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**6. Mr.R.R.Suresh**

Project Delivery Head(SAP)  
Client Linx Software Private Ltd  
Chennai

-- Industry Expert

**7. Dr.A.R.Ponperiasamy**

Associate Professor

-- Principal

**8. Prof. M. Muralidharan**

Head, Department of Computer Science  
Nehru Memorial College  
Puthanampatti  
Trichy - Dt.,

-- Chair Person[UG CS]

**9. Dr. S. Murugan,**

Associate Professor

--Chair Person [PG-CS]

**10. Dr. K. Mani**

Associate Professor

**11. Mrs. D. Jayachitra**

Assistant Professor

**12. Mrs. K. Sridevi**

Assistant Professor

**13. Mrs. V. Priya**

Assistant Professor

**14. Ms. P. Kalpana**

Assistant Professor

**15. Mr. C. Yogaraj**

Assistant Professor

**16. Mrs. D. Nandhini**

Assistant Professor  
Department of Computer Science  
Nehru Memorial College  
Puthanampatti.

--Members

### APOLOGIES FOR ABSENCE

**Mr.R.R.Suresh**

The Chairperson welcomed the members and informed them the necessity of revising the curriculum for **BCA Computer Applications** from the academic year **2019-2020**.

Then the chairperson permitted **Mrs. V. Priya**, Assistant Professor in Computer Science, to



## Minutes of the BOS UG – BCA meeting held on 28-09- 2018

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present a brief report on curriculum development process made so far. **Mrs.V.Priya** further informed that this is the 6<sup>th</sup> revision in sequence and a detailed comparative statement of curriculum designed during the academic years **2004-05, 2005-06, 2008-09, 2011-12** and **2015-16** 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.

**03-09-2018, 06-09-2018, 18-09-2018**

Then the draft curriculum prepared by sub-committee was placed before the pre-board of studies meeting conducted on **05-09-2018** and **08-09-2018** 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: UG/BOS01/2018:**

It is resolved unanimously to approve the proposed revised curriculum for the **BCA (Computer Applications)** programme as per the common course structure in the CBCS pattern for the candidates to be admitted from **2019-2020**. The revised course structure and syllabus are enclosed in **Annexure II**.

The meeting ended at 4.00 pm and Ms.P.Kalpna, Assistant Professor in Computer Science thanked all the members for their active participation and contributions.



Minutes of the BOS UG – BCA meeting held on 28-09- 2018

1. Mrs. K.Ponvel Azhagu Lakshmi

*Azhagu Lakshmi*

2. Dr. D.I.GeorgeAmalarethinam

*D.I. George Amalarethinam*  
28.09.2018

3. Dr. Dr.T.Amudha

*T. Amudha*  
28/9/18

4. Dr.V.Selvi

*V. Selvi*  
28/9/18

5. Mrs.U.Jeyapriya

*U. Jeyapriya*  
28/9/18

6. Dr A.R.Ponperiasamy

*A.R. Ponperiasamy*  
28/9/2018

7. Prof. M. Muralidharan

*M. Muralidharan*  
28/9/18

8. Dr. S. Murugan

*S. Murugan*  
28/09/2018

9. Dr. K. Mani

*K. Mani*  
28/09/2018

10. Mrs. D.Jayachitra

*D. Jayachitra*

11. Mrs. K.Sridevi

*K. Sridevi*

12. Mrs.V.Priya

*V. Priya*

13. Ms. P.Kalpana

*P. Kalpana*

14. Mr.C.Yogaraj

*C. Yogaraj*

15. Mrs.D.Nandhini

*D. Nandhini*

*A.R. Ponperiasamy*  
28/9/18  
Dr.A.R.Ponperiasamy  
Principal

*Azhagu Lakshmi*  
28/9/18  
K.Ponvel. Azhagu Lakshmi  
Chairperson

**Annexure -I**

**Proposed suggestions/changes made in the draft curriculum by the Board of Studies in its meeting dated 28/09/2018**

1. It is recommended to introduce “**Digital Computer Fundamentals & Office Automation lab**” instead of Programming in C and Programming in C lab in Semester I
2. It is suggested to move the courses successively to next semesters. Programming C & C lab to Semester II, Object Oriented Programming in C++ & Data Structures & its lab to Semester III and Python programming & its lab to Semester V.
3. In Object oriented programming in C++ course, files and pointers should be removed.
4. In Object Oriented Programming in C++ & Data Structures lab, Part I may include C++ Programs and Part II include Data Structures
5. Recommended to use tool for RDBMS Lab
6. Linux Operating System is modified into Operating System and Linux OS as Lab
7. It is suggested to implement Java Lab in Linux Platform
8. Mobile Commerce is replaced by Python Programming
9. “**Python Programming**” should be added in Elective I.
10. Instead of System Analysis and Design, introduce “**Artificial Intelligence**”
11. Offer MOOC with 2 credits in Semester V/Semester VI for fast learners.
12. BPO and Health care is added in SKBC-I
13. In all language courses 20 % of the questions shall be problem oriented.
14. It is recommended to introduce simple application development lab any where, if possible.

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*Dr.A.R.Ponperiasamy*  
**Dr.A.R.Ponperiasamy**  
**Principal**

*K.Ponvel Azhagu Lakshmi*  
**K.Ponvel Azhagu Lakshmi**  
**Chairperson**



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**Minutes of the Board of Studies**  
**[Under Graduate – Computer Science]**  
meeting held on **24-09-2018**

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**Post Graduate and Research Department of  
Computer Science**

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**Nehru Memorial College**  
[Autonomous]  
Puthanampatti – 621 007

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## Minutes of the BOS UG – B.Sc CS meeting held on 24-09-2018

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The meeting of the **Board of Studies (Under Graduate - Computer Science)** was convened on **24<sup>st</sup> Sep' 2018** at **2.00 pm** at Seminar Hall, Nehru Memorial College, Puthanampatti.

The following members attended the meeting.

- 1. Prof. M. Muralidharan**  
Head, Department of Computer Science  
Nehru Memorial College  
Puthanampatti  
Trichy - Dt,

**-- Chairperson**
- 2. Dr. M.Durairaj**  
Assistant Professor  
Department of Computer Science  
Bharathidasan University  
Trichy

**--University Nominee**
- 3. Dr. T. Karthikeyan**  
Associate Professor  
Department of Computer Applications  
PSG College of Arts & Science  
Coimbatore

**-- Subject Expert**
- 4. Dr.J.Satheesh Kumar**  
Assistant Professor  
Department of Computer Application  
Bharathiyar University  
Coimbatore

**-- Subject Expert**
- 5. Mr.K.Manikandan**  
Assistant Professor  
Department of Computer Science  
PSG college of Arts & Science  
Coimbatore

**-- Alumni Representative**
- 6. Mr.ShivashankarStalin**  
Program Manager  
Infosys Ltd, Bangalore

**-- Industry Expert**



## Minutes of the BOS UG – B.Sc CS meeting held on 24-09-2018

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7. **Dr. S. Murugan,**  
Associate Professor
8. **Dr. K. Mani**  
Associate Professor
9. **Dr. A.R. Ponperiyasamy**  
Principal
10. **Mrs. K.PonvelAzhagu Lakshmi**  
Assistant Professor
11. **Mrs. D.Jayachitra**  
Assistant Professor
12. **Mrs. K.Sridevi**  
Assistant Professor
13. **Mrs.V.Priya**  
Assistant Professor
14. **Ms. P.Kalpana**  
Assistant Professor
15. **Mrs.P.Isabella**  
Assistant Professor
16. **Mr.R.Mahendran**  
Assistant Professor  
Department of Computer Science  
Nehru Memorial College  
Puthanampatti.

--Members

The Chairperson welcomed the members and informed them the necessity of revising the curriculum for **B.Sc Computer Science** from the academic year **2019-2020**. Then the chairperson permitted **Ms.P.Kalpana**, Assistant Professor in Computer Science, to present a brief report on curriculum development process made so far. **Ms.P.Kalpana** further informed that this is the 6<sup>th</sup> revision in sequence and a detailed comparative statement of curriculum designed during the academic years **2004-05, 2005-06, 2008-09, 2011-12 and 2015-16** 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.



## Minutes of the BOS UG – B.Sc CS meeting held on 24-09-2018

31/08/2018 and 03/09/2018

Then the draft curriculum prepared by sub-committee was placed before the pre-board of studies meeting conducted on **04-09-2018** and **09-09-2018** where the entire faculty members participated in the revision process and offered their 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: UG/BOS01/2018:

It is resolved unanimously to approve the proposed revised curriculum for the **B.Sc (Computer Science)** programme as per the common course structure in the CBCS pattern for the candidates to be admitted from **2019-2020**. The revised course structure and syllabus are enclosed in **Annexure II**.

The meeting ended at 4.00 pm and **Prof. M.Muralidharan, Head & Associate Professor** of Computer Science thanked all the members for their active participation and contributions.

1. Prof. M. Muralidharan

*M. Muralidharan*  
24/9/18

2. Dr. M.Durairaj

*M. Durairaj*  
24/9/2018

3. Dr. T. Karthikeyan

*T. Karthikeyan*  
that's

4. Dr.J.Satheesh Kumar

*J. Satheesh Kumar*  
24/9/18

5. Mr.K.Manikandan

*K. Manikandan*  
24/9/18

6. Mr.Shivashankar Stalin


*S. Shivashankar Stalin*  
CS course on 5  
24th Sep 2018.




Minutes of the BOS UG – B.Sc CS meeting held on 24-09-2018

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7. Dr.S.Murugan

 24/09/2018.

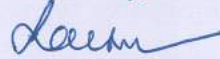
8. Dr.K.Mani

 24/09/2018

9. Dr.A.R.Ponperiyasamy

 24/9/18

10. Mrs. K.Ponvel Azhagu Lakshmi



11. Mrs. D.Jayachitra

AAA

12. Dr. K.Sridevi



13. Mrs.V.Priya



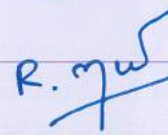
14. Ms. P.Kalpana

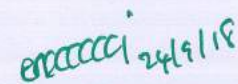


15. Mrs.P.Isabella



16. Mr.R.Mahendran

 R. Mah

  
Dr.A.R.Pon Periasamy  
Principal

  
M.Muralidharan  
Chairperson

**Annexure -I**

**Proposed suggestions/changes made in the draft curriculum by the Board of Studies in its meeting dated 24/09/2018**

1. It is suggested to introduce "**WAP and WML**" instead of XML and Web Services in Elective Course -I
2. It is suggested to introduce "**Object Oriented Software Engineering**" related with modeling Language instead of XML and Web Services
3. It is recommended to introduce "**OOPS Lab**" in Semester -III
4. Include the detailed content in UNIT III,IV and V of "**Problem Solving in Python**" Course
5. The Allied Course - I title is renamed to "**Basic Mathematics**"
6. **Allied Course - I** should have detailed content. UNIT II must include Assignment, and Transportation problem. Add Inventory in any one Unit
7. In "**Programming in C and Data Structures**" Course, Linked List is moved to Unit IV from Unit V and should add Binary Tree Traversal in Unit V.
8. It is recommended to use Ellis Horowitz book for "**Programming in C and Data Structures**" Course
9. Introduction must be added to UNIT-I of AC-I, I "**Numerical and Statistical Methods**"
10. **Applied Physics-I is changed to Digital Computer Fundamentals, Applied Physics-II is changed to**



**Microprocessor and Microcontrollers and the Practical course is changed to Digital and Microprocessor**

11. It is recommended to introduce "**Computer System Architecture**" as Core Course XI.
12. It is suggested to verify the Applied Physics courses with Physics Department and finalize the courses
13. Include more content in "**Service Oriented Architecture**".
14. Strength Unit V of **Image Editing Tools**.
15. It is recommended to avoid Brand names in syllabi. MS Excel is changed to Spread Sheet, MS Access to Database, Power Point to Presentation tools and MS Word to Word in NMEC-II, "**Office Automation Tools**" course.
16. It is recommended to change "**Office Automation Tools**" theory course is modified to Practical course.
17. In ".**NET Programming**" include fundamentals of C#.NET.
18. It is recommended to fix the title as "**Application Development**" for Core Course XV

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*Dr. A.R. Ponperiasamy*  
24/9/18  
**Dr.A.R.Ponperiasamy**  
**Principal**

*M. Muralidharan*  
24/9/18  
**M.Muralidharan**  
**Chairperson**

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**Minutes of the Board of Studies**  
**[Post Graduate – Computer Science]**  
meeting held on **21-09-2018**

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**Post Graduate and Research Department of  
Computer Science**

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**Nehru Memorial College**  
[Autonomous]  
Puthanampatti – 621 007

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## Minutes of the BOS PG – MSC CS meeting held on 21-09- 2018

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The meeting of the **Board of Studies (Post Graduate - Computer Science)** was convened on **21<sup>st</sup> Sep' 2018** at **10.00 am** at Seminar Hall, Nehru Memorial College, Puthanampatti.

The following members attended the meeting.

**1. Dr.S.Murugan**

**Associate Professor**

Department of Computer Science

Nehru Memorial College

Puthanampatti

Trichy - Dt.,

**-- Chairperson**

**2. Dr.M.Govindaraj**

Associate Professor

Department of Computer Science

Bharathidasan University

Trichy

**--University Nominee**

**3. Dr E.Ramaraj**

Professor and Head

Department of Computer Science

Alagappa University

Karaikudi

**--Subject Expert**

**4. Prof.S.Venkata Krishna Kumar**

Associate Professor

Department of Computer Science

PSG College of Arts & Science, Coimbatore

**--Subject Expert**

**5. Dr.N.Senthil Kumaran**

Assistant Professor

Department of Computer Science

Gandhigram Rural University

Gandhigram, Dindigul

**-- Alumni Representative**

**6. Mr.K.S.Maharasan**

Business Analyst

True Friend Management Support Service Private Limited

Coimbatore

**-- Industry Expert**

Minutes of the BOS PG – MSC CS meeting held on 21-09- 2018 ✓

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7. **Dr.A.R.Ponperiasamy** --Principal  
Associate Professor
8. **Prof M.Muralidharan**  
Head & Associate Professor --Chair Person [MCA & UG CS]
9. **Dr. K. Mani**  
Associate Professor
10. **Mrs. K.PonvelAzhagu Lakshmi**  
Assistant Professor
11. **Mrs. D.Jayachitra**  
Assistant Professor
12. **Mrs. K.Sridevi**  
Assistant Professor
13. **Mrs.V.Priya**  
Assistant Professor
14. **Ms. P.Kalpana**  
Assistant Professor
15. **Mrs.K.Deepa**  
Assistant Professor
16. **Mr.R.Mahendiran**  
Assistant Professor  
Department of Computer Science  
Nehru Memorial College  
Puthanampatti.
- Members

**APOLOGY FOR ABSENCE**

**Mr.K.S.Maharasan**

The Chairperson welcomed the members and informed them the necessity of revising the curriculum for **MSC Computer Science** from the academic year **2019-2020**. Then the chairperson permitted Mrs. D.Jayachitra, Assistant Professor in Computer Science, to present a brief report on curriculum development process made so far. Mrs.D.Jayachitra further informed that this is the 6<sup>th</sup> revision in sequence and a detailed comparative statement of curriculum designed during the academic years **2004-05, 2005-06, 2008-09, 2011-12 and 2015-16** was presented before the members. Then the feedback received from the Students, Alumni, Academic Experts and Industry Representatives were



## Minutes of the BOS PG – MSC CS meeting held on 21-09- 2018

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.

**30-08-2018, 03-09-2018 , 11-09-2018**

Then the draft curriculum prepared by sub-committee was placed before the pre-board of studies meeting conducted on **04-09-2018** and **8-09-2018** 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/BOS01/2018:**

It is resolved unanimously to approve the proposed revised curriculum for the **MSC (Computer Science)** programme as per the common course structure in the OBE and CBCS pattern for the candidates to be admitted from **2019-2020**. The revised course structure and syllabus are enclosed in **Annexure II**.

**Resolution No: PG/BOS02/2018:**

It is resolved unanimously to approve the evaluation pattern for both Theory and Practical courses for the candidates to be admitted from 2019-20. The pattern is enclosed in **Annexure II**.




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**Resolution No: PG/BOS03/2018:**

It is resolved unanimously to approve the proposed revised curriculum for the **M.Phil (Computer Science)** programme as per the common course structure in the OBE and CBCS pattern for the candidates to be admitted from **2019-2020**. The revised course structure and syllabus are enclosed in **Annexure III**

The meeting ended at 12.00 pm and Prof. M.Muralidharan, Head & Associate Professor of Computer Science thanked all the members for their active participation and contributions.

1. Dr. S.Murugan

  
21/09/2018

2. Dr.M.Govindharaj



3. Dr.E.Ramaraj

  
21/9/18

4. Prof. S.Venkata Krishna Kumar



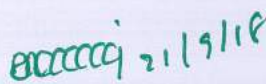
5. Dr.N.Senthil Kumaran



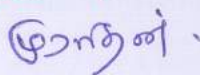
6. Mr. K.S.Maharasan

AAA

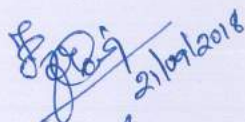
7. Dr.A.R.Ponperiasamy

  
21/9/18

8. Prof M.Muralidharan



9. Dr.K.Mani

  
21/09/2018

10. Mrs. K.Ponvel Azhagu Lakshmi





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11. Mrs. D. Jayachitra

*D. Jayachitra*

12. Mrs. K. Sridevi

*K. Sridevi*

13. Mrs. V. Priya

*V. Priya*

14. Ms. P. Kalpana

*P. Kalpana*

15. Mrs. K. Deepa

*K. Deepa*

16. Mr. R. Mahendiran

*R. Mahendiran*

*Dr. A.R. Ponperiasamy*  
21/9/18  
**Dr. A.R. Ponperiasamy**  
Principal

*S. Murugan*  
21/09/2018.  
**S. Murugan**  
Chairperson

**Annexure -I**

**Proposed suggestions/changes made in the draft curriculum by the Board of Studies in its meeting dated 21/09/2018**

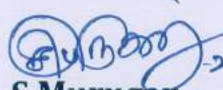
1. It is recommended to ensure that the UG Computer Science programme course content is not repeated in the PG level.
2. Suggested to check the UG syllabus content with other all universities to improve PG syllabus.
3. Recommended to include **Data Mining and warehousing** as a knowledge based course instead of skill courses.
4. Members said that all the elective courses proposed are very opt and trend courses and suggested to move from elective to core courses. The elective course AI and Machine Learning is moved from elective to core.
5. The **Design and Analysis of Algorithms** is moved from semester – II to semester – I and suggested to introduce space and time complexity analysis.
6. The following newly introduced courses are finalized and confirmed
  - a. Internet of Things, Software forensics and Open source technologies and Design and analysis of algorithms.
7. Advanced Java programming is removed from core course and recommended to have “Distributed programming using J2EE” in the second semester.
8. Suggested to include **soft computing** as core course.



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9. The **Digital image processing** is recommended to be introduced as a CEC and suggested "**Digital Image processing**" by Rafael C.Gonzalez, Richard E.Woods, Pearson publication for the same.
10. Members suggested the book "**mastering cloud computing**" by **Rajkumar Buyya, Chistian vecchiola and S.Thamarai selvi** for cloud computing.
11. Recommended to introduce **AI and Machine Learning** as fabricated core course and suggested to have 2 units AI concepts and 3 units machine learning concepts.
12. Suggested to incorporate **R programming** as one of the open elective course.
13. Recommended to follow the **latest editions books** for all the books referred.
14. **Rapid Application Development using Python** is moved from elective to core course for machine learning lab purpose.
15. **Advanced OS** is moved from core to elective course.
16. Members elaborated each unit content for all courses introduced.
17. It is recommended to retain the course CC-I "**Research Methodology**"
18. Suggested to follow CC-II as such.
19. It is recommended to include "**Social Network Analytics**" as one of the guide papers.
20. Suggested to follow the referred course "**Teaching and Learning Skills**" as it is.

21/09/18  
**Dr.A.R.PonPeriasamy**  
**Principal**

 21/09/2018  
**S.Murugan**  
**Chairperson**