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2017-18  
BOS-MOM

**New Horizon College of Engineering**  
**Department Of MCA**

**3<sup>rd</sup> BOARD OF STUDIES MEETING**

**DATE** : 24.06.2017

**VENUE** : Department Board Room

**TIME** : 09.45Am to 1.00 Pm



**NEW HORIZON COLLEGE OF ENGINEERING**  
**BOARD OF STUDIES MEETING**  
**DEPARTMENT OF MCA**  
**AGENDA**

**Date** : 24.06.2017

**Venue** : Department Board Room

**Time** : 09.45Am to 1.00 Pm

- **Agenda 1**

To consider the syllabus , contents and scheme for both 1<sup>st</sup>, 2<sup>nd</sup> semester for 2017-2018 Batch, 3<sup>rd</sup>, 4<sup>th</sup> semester for 2016-2017 Batch and 5<sup>th</sup>, 6<sup>th</sup> semester for 2016-2015 Batch of Examinations for MCA Programme


- **Agenda 2**

To consider and recommend the changes in curriculum for MCA Programme

- **Agenda 3**

To discuss the introduction of New Value Added Programme in the forthcoming semesters




  
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DEPARTMENT OF MCA  
3<sup>rd</sup> BOARD OF STUDIES MEETING**

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## MEMBERS OF THE BOARD OF STUDIES

Sl.No	Category	Name of The Person
1	Head of The Dept and Chairman-BOS	Dr. V Ilango
2	Subject Experts From outside the College nominated by Academic Council	Dr.T V Suresh Kumar Registrar(Academics) Department of MCA MSRIT, B'lore
		Dr.S N Chandrashekar Prof and Head Department of CSE SJCIT, Chickbalapur
3	Expert from outside college, nominated by Vice Chancellor	Dr.Balaji Scientist CDAC, Bangalore
4	Representative from Industry/ Corporate sector/ allied area relating to placement nominated by Academic Council	Mr.Srinivasa Ramanujam K Sr.Project Manager-TCS, Academic Relationship Manager-Karnataka
5	Postgraduate Meritorious Alumnus nominated by Principal	Mr.Vipul Kumar Senior System Architecture, EMC2 Bangalore
		Mr.Praveen Sinha Senior Project Leader Oracle, Bangalore
6	Faculty Members at Different level varying different specialization	Dr. V Asha
		Dr. R Chinnaiyan
		Prof. Sreeja
		Prof. Govinda Raju
		Prof. Krishna Chandra
		Prof. Nirmala
		Prof. Viswanatha
7	Co-opted Members	Prof. Nithya
		Prof. Binoj
		Prof. Tirumurthy
		Prof. Jincy
		Prof. S. N. Kavitha
8	Student members	Prof. Sidde Gowda
		Miss Chaithanya K Miss Sahana L



  
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		Prof. Govinda Raju
		Prof. Krishna Chandra
		Prof. Nirmala
		Prof. Viswanatha
		Prof. Nithya
7	Co-opted Members	Prof. Binoj
		Prof. Tirumurthy
		Prof. Jincy
		Prof. S. N. Kavitha
		Prof. SiddeGowda
8	Student members	Miss Chaithanya K Miss Sahana L



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WELCOME ADDRESS BY THE CHAIRMAN OF THE BOS AND INTRODUCTION OF  
MEMBERS

- (i) Chairman - BOS Dr. V. Hango welcomed all the members of BOS with a Bouquet.
- (ii) He introduced all the expert members of BOS.
- (iii) Chairman - BOS presented the agenda & proceeded explaining the course credit structure for 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> & 6<sup>th</sup> semester in detail.
- (iv) Then went on to the present Autonomous syllabus, contents, scheme of examinations in detail.
- (v) Then the floor was open for discussing the introduction of new value added & practical courses in the 7<sup>th</sup> semester.



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AGENDA -I

CONSIDERATION OF SYLLABUS, CONTENTS AND SCHEME

The following recommendations were made,  
In considering the syllabus content &  
scheme of examinations in MCA 1<sup>st</sup>, 2<sup>nd</sup>,  
3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> & 6<sup>th</sup> semester in the  
batches 2017-18, 2016-17 & 2015-16  
respectively.

- ① Rubric has to be framed in the  
self study component, lab courses, mini  
projects and 6<sup>th</sup> sem main projects.
- ② Introduction of more lab related -  
courses in making the students -  
readily employable.



google app engine, aws (Amazon  
services) in Cloud Computing

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AGENDA -I(cont.)

CONSIDERATION OF SYLLABUS, CONTENTS AND SCHEME

- ④ Training on Ms-Excel sheet can be provided through brief course.
- ⑤ Raspberry Pi has to be added for IoT practicals.
- ⑥ new courses like python programming, cyber security & cyber law, pattern recognition, soft computing & TCP/IP networking has to be introduced.
- ⑦ Course names to be changed as follows
  - (i) Machine Learning using - R - Machine Learning techniques
  - (ii) Agile software process - Agile Methodologies
  - (iii) Big Data Analytics with Hadoop & HBase - Big Data Analytics
  - (iv) Soft Skills for Engineers - Soft Skills - I & II
  - (v) Data Science & predictive Analytics - Data Science

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AGENDA -2

CONSIDERATION AND RECOMMENDATION OF CHANGES IN CURRICULAM

The following changes were made as per the recommendations of the BOS Experts in the MCA scheme and syllabus & structure of 2017-18, 2016-17 and 2015-16 Batches respectively in 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> & 6<sup>th</sup> semester respectively.

- ① TCP / IP Networking is introduced in 3<sup>rd</sup> semester Elective-3. Group
- ② python programming course is newly added in fourth semester Elective-6 group.
- ③ Pattern Recognition course is added in 5<sup>th</sup> sem Elective-7 group



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3<sup>rd</sup> BOARD OF STUDIES MEETING

AGENDA -2(cont.)

CONSIDERATION AND RECOMMENDATION OF CHANGES IN CURRICULAM

- ④ Cyber security and cyber law course is added in 3<sup>rd</sup> semester Elective-2 group
- ⑤ Soft skills for engineers is changed as soft-skills I & II in 1<sup>st</sup> and 2<sup>nd</sup> semester respectively.
- ⑥ The course names are changed as per BOS Experts recommendation and are as follows
  - (i) Machine Learning Techniques (E-2)
  - (ii) Data Science (E-8)
  - (iii) Information security (E-2)
  - (iv) Agile Methodologies (E-4)
  - (v) Big data Analytics (E-8)



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AGENDA -3

DISCUSSION ABOUT INTRODUCTION OF NEW VALUE ADDED PROGRAMMES

The following suggestions were made by the BOS Experts in the introduction of the new value added programmes in the forthcoming semester.

- ① Expert from TCS assured that he will help us in conducting FDP's, guest lectures & project internships for students in digital image processing.
- ② Excel sheet certification course can be conducted for 1<sup>st</sup> year and lateral entry students during Bridge Course.



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## RECOMMENDATIONS OF THE BOARD

- ③ Raspberry PI has to included in IoT practicals
- ④ google app Engine & AWS has to be used in cloud computing course
- ⑤ Industrial visits, Aptitude and Communications Trainings, Certificate courses has to be increased in the forthcoming semester.

### Name and Signatures of all the Attendees:

Dr. V Ilango Chairman-BOS		Prof. Krishna Chandra M	
Dr. T V Suresh Kumar		Prof. Nirmala	
Dr. S N Chandrashekar		Prof. Viswanatha	
Dr. Balaji		Prof. Nithya	
Mr. Srinivasa Ramanujam K		Prof. Binoj	
Mr. Vipul Kumar		Prof. Tirumurthy	
Mr. Praveen Sinha		Prof. Jincy	
Dr. V Asha		Prof. Sidde Gowda	
Dr. R Chinnaiyan		Miss Chaithanya K	
Prof. Sreeja		Miss Sahana L	
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VOTE OF THANKS BY THE CHAIRMAN-BOS

- (i) Chairman - BOS Dr. V. Ilango -  
Expressed his gratitude to the BOS  
Expert Members on his own behalf  
and behalf of the faculty members &  
Department of MCA for their august  
presence, suggestions and Recommendations  
in 3<sup>rd</sup> BOS Meeting.
- (ii) The 3<sup>rd</sup> BOS meeting concluded with  
High-spirits. Also our Chairman BOS  
thru his gratitude with "Memorato"  
and "Letter of appreciation" & provided  
sitting allowance with TA & DA to the  
BOS Experts as per our VHEE Autonomous  
Norms.



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