
	E.G.S. PILLAY ENGINEERING COLLEGE (An Autonomous Institution, Affiliated to Anna University, Chennai) Nagore Post, Nagapattinam – 611 002, Tamilnadu.	
	Department of Master of Computer Applications	

Minutes of Board of Studies (BoS) Meeting

Name of the Department	Master of Computer Applications
Names of the Programmes	Master of Computer Applications
Meeting No	03
Date & Time	12.06.2020 , 03.30 PM
Venue	Online Meeting (Reports from BoS members obtained through email are analyzed and reviewed in detail)

The names of members present in the Board of Studies is given in Annexure – I

1. Chairman / BoS welcomed all members for the 3rd Meeting of Board of Studies.
2. Chairman / BoS introduced the members.
3. Review of last BOS Meeting Minutes.
 - During the last BoS Meeting the curriculum and Syllabus of Regulation 2017 is finalized.
 - The effectiveness and outputs of the 2017 curriculum was analyzed in detail.
4. Chairman / BoS briefed the members about the Agenda
 - Discussion and suggestions invited on the newly framed Regulations, Curriculum and Syllabus for the 2020-21 Academic Batch of 2 years MCA Programme.

Dr. J Vanitha

Chairman (BoS)

Dr. J. Shana

University Nominee

Dr. T. Ramkumar

Subject Expert

Dr. Michael Arock

Subject Expert

Mr. SS. Sathya Prakash

Industry Expert

Mr. S. Saravanan

Alumni

Mrs. C. Mallika

Senior Faculty

Mrs. A. Hema

Senior Faculty

Dr. P. Arunkumar

Senior Faculty

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
 Thethi, Nagore - 611 002.
 Nagapattinam (Dt) Tamil Nadu.

Sub:1st BOS Meeting Reg

1 message

Thu, Jul 6, 2017 at 2:26 PM

BOS MCA <bosmca@egspec.org>
To: purusothaman.t@gct.ac.in

Respected Sir,

Greetings!

On Behalf E.G.S.Pillay Engineering, Department of MCA, I am delighted to invite you to the 1st Board of Study (BOS) Meeting.

The Meeting will be held on 08th Saturday July 2017 at Department of MCA, E.G.S.Pillay Engineering College, Nagapattinam.

The Discussion will be going to

- Discuss the MCA 2017 curriculum.
- Discussion about the syllabi of first and second semester of MCA Programme.
- Discuss the question paper pattern and Evaluation methodologies.

I look forward to having you join with other External Experts Members.


Herewith, I Enclosed the Curriculum, Course list and Syllabus for your Review and take it as for your kind Reference and awaiting for your valuable comments.

Thanking You!

With Regards,

Mrs.J.Vanitha,
Chairman,
BOS-MCA.

3 attachments

 **MCA curriculam 2017-18.docx**
56K **COURSE LIST.docx**
55K **syllabus.docx**
225K

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Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPALE.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

Sub: 1st BOS Meeting Reg

1 message

Wed, Jul 5, 2017 at 5:01 PM

BOS MCA <bosmca@egspec.org>

To: purusothaman.t@get.ac.in, michael@nitt.edu, ramoad@yahoo.com, ameerilyas75@gmail.com, vanitha@egspec.org, ilakkiya@egspec.org

Respected Sir,

Greetings!

On Behalf E.G.S.Pillay Engineering, Department of MCA, I am delighted to invite you to the 1st Board of Study (BOS) Meeting.

The Meeting will be held on 08th Saturday July 2017 at Department of MCA, E.G.S.Pillay Engineering College, Nagapattinam.

The Discussion will be going to

- Discuss the MCA 2017 curriculum. ✓
- Discussion about the syllabi of first and second semester of MCA Programme.
- Discuss the question paper pattern and Evaluation methodologies.

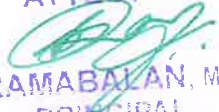
I look forward to having you join with other External Experts Members.

Herewith, I Enclosed the Curriculum and Syllabus for your Review and take it as for your kind Reference and awaiting for your valuable comments.

Thanking You!

With Regards,

Mrs.J.Vanitha,
Chairman,
BOS-MCA.

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.

5. The following are the suggestions given by the member of Board of Studies.

Dr. J. Shana (University Nominee) suggested the following.

- i. Since the focus of MCA programme is to build such skills that would enable the MCA graduates to develop software applications, Kindly design courses that would help in this. In this regard it suggested incorporating lab component wherever feasible. Operating system with hands-on lab in Linux and system programming would be better.
- ii. Since the course has been shrunk to 2 years even though there won't be too many slots to include all courses but we can free up slots by combining lab in theory wherever it is possible. Data mining lab can be put along with theory as we will be using only libraries to implement the mining algorithms.
- iii. Mobile application development lab can be a core as today all apps are mobile based.
- iv. It is suggested to include one information security paper as a core.
- v. Network lab is also missing though socket programming has been added in Java and web lab.
- vi. It is suggested to include advanced topics in all the theory papers as the majority of the subjects students would have already learnt unless we have more students from other backgrounds.
- vii. Kindly consider the latest edition of books for all the subjects.
- viii. OOAD concepts could be included in Software Engineering as one unit and free that slot.
- ix. Data Analytics paper has units which overlaps with Data mining paper. We can remove that and also add the lab component along with theory because this paper is more of practicals.
- x. The list of electives can be extended so that students have more choice.

Dr. J Vanitha

Chairman (BoS)

Dr. J. Shana

University Nominee

Dr. T. Ramkumar

Subject Expert

Dr. Michael Arock

Subject Expert

Mr. SS. Sathya Prakash

Industry Expert

Mr. S. Saravanan

Alumni

Mrs. C. Mallika

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Dr. P. Arunkumar

Senior Faculty

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- xi. New web programming technologies like nodeJS, Angular, ReactJS can be included in web programming lab.
- xii. In regulation if possible kindly mention the one credit and online courses should not be similar to one offered in PC or PE list.

Dr. T. Ramkumar (Subject Expert) suggested the following,

- i. The curriculum is well designed with immense care for a qualifying credit of 82.
- ii. Professional components such as Programme Core, Programme Elective, Value Added courses have been included with segmented focus.
- iii. 4th semester Master Thesis may be included in PC instead of EEC.
- iv. Since Cloud Computing course is allotted in Third Semester, Better to remove Internet of Things, Artificial Intelligence, Hadoop and NoSQL Databases from Elective - I (Second Semester Electives) and carry over to Elective - II (Third Semester Electives)
- v. Instead of above three, please keep Digital Image Processing, Software Quality Assurance, Professional Practice and Ethics in Elective - I from Elective - II.
- vi. DevOps can be included as one of the value added courses.
- vii. Pre-requisite information is missing in electives.
- viii. Mode of evaluation can be included in all the courses besides course objectives and course outcomes

Dr. Michael Arock (Subject Expert) suggested the following,

- i. In two places, in Mathematical Foundations and Data Structures and algorithms, Minimum spanning trees related algorithms are discussed.
- ii. Remove AVL tree from Data Structures and include latest tree (given in Cormen et al. latest edition).
- iii. Instead of Programming using C and C++, we can go for Python.

Dr. J Vanitha

Chairman (BoS)

Dr. J. Shana

University Nominee

Dr. T. Ramkumar

Subject Expert

Dr. Michael Arock

Subject Expert

Mr. SS. Sathya Prakash

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- iv. In OS, we can include one unit for mobile OS.
- v. Instead of HR Management, we can go for Organizational Behavior and Personnel Management.
- vi. Instead of Website Development, we can have "Web Technology".
- vii. In electives, we have "Application Development". That can be "App Development" itself.
- viii. Verbal ability courses were found in two places.

Mr. Sathya Prakash SS (Industry Expert) suggested the following.

- i. Electives can be bundled as career oriented, this will be an eye opener and an exposure for the students to become a SME from internship.
- ii. The elective HRM can be replaced by newer management paper.
- iii. In the course, Distributed Systems and Cloud Computing emphasis should be given to AWS with regard to IaaS, SaaS and PaaS.
- iv. The courses can include topics related to IT Business fundamentals.
- v. An elective paper related to Technical Business Analyst job would be more benefit to the MCA Professionals.
- vi. The Operating System course should include topics related to Microsoft Windows, Apple MAC OS, Linux, Android and Apple's iOS.
- vii. The power of Microsoft Excel should be learned by the students and this can be included in appropriate course.
- viii. The internship should include live projects or outsourcing work experience.
- ix. The Business intelligence/Data Analytics should include text mining, optimization and Data visualization topics.
- x. The Business intelligence, ERP courses can be give as special electives.
- xi. The Internet of Things course should include topics related to Acquiring and sorting IoT Data, Reprocessing and transformations and Analytics for business insights
- xii. IoT frameworks and Sensors. Internships in IoT should be encouraged.

Dr. J Vanitha

Chairman (BoS)

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University Nominee

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Subject Expert

Dr. Michael Arock

Subject Expert

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- xiii. In Mobile Technologies course emphasis should be give on Android and iOS development, graphical representations and Application Program Interface (APIs)
- xiv. Software testing course can be provided giving emphasis to automation test tools and selenium software.
- xv. Special Electives related to IT infrastructure Management can be included.

Mr. S. Saravanan (Alumni Member) suggested the following.

- i. In Elective III group, ASP.NET and C#.NET Programming is Part of .NET Programming, we can combine these two courses into one course.
- ii. After combining the above courses into one course we can introduce "Mobile Development" course in Elective III group.

6. **The following are the Suggestions for Improvement of Research Areas**

It is suggested to add lab component for such courses which have industrial and research importance.

7. **The following resolutions were passed**

- It is resolved to recommend the newly framed 2020-21 regulations for MCA Programme to the Academic Council for Approval.
- It is resolved to recommend the newly framed 2020-21 curriculum and syllabi of 1st to 4th semester of two years MCA Programme to the Academic Council for approval.

The Chairman, Board of Studies thanked all the members for their valuable suggestions and Coordination.

Date: 12-06-2020

Place: Nagapattinam

Dr. J Vanitha

Chairman (BoS)

Dr. J. Shana

University Nominee

Dr. T. Ramkumar

Subject Expert

Dr. Michael Arock

Subject Expert

Mr. SS. Sathya Prakash

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E.G.S. PILLAY ENGINEERING COLLEGE
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Nagore Post, Nagapattinam – 611 002, Tamilnadu.

Rev.0
COE/20

Department of Computer Applications
BOS University Nominee Details for the Ac. Year 2019 -2020 & 2020 – 2021

S.No	Name and Designation	Department and College Details	Contact Number	Mail Id
1.	Dr.Michael Arock, Associate Professor,	Department of Computer Applications. NIT-Trichy, A-1 St Street,AVM Jothi Nagar, Kattur(po), Tiruchirappalli 620 019.	98423-78952 91-431-2503736	michael@nitt.edu michael.rock@gmail.com
2.	Dr.T.Ramkumar, Associate Professor/HOD	Department of Computer Application, School of Information Technology and Engineering, Vellore Institute of Technology Vellore 632 014.	9442421674	ramkumar.thirunavukarasu@vit.ac.in
3.	Mr.SatyaPrakash SS, Head – Human Resources,	Amtex Software Solutions Pvt Ltd, Chennai.		
4.	Mr.Saravanan Subramanian, Technical Lead, Phone:	Anubavam Technologies Pvt. Ltd., Chennai, 141 Kamarajar street, Indira Nagar, Valasaravakkam, Chennai,	9176669373	saravanan@anubavam.com

Note: Nominee should be from Anna University (CEG/MIT) / University College of Engineering / Government Institutions / Government Aided Institutions.

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

BOS Chairman

(Sign with Seal)



BOS MCA <bosmca@egspec.org>

BOS - MCA - Seeking Suggestions on Curriculum, Syllabus and Regulations

1 message

BOS MCA <bosmca@egspec.org>

Thu, May 21, 2020 at 7:02 PM

To: ramkumar.thirunavukarasu@vit.ac.in

Cc: Academic Council EGSPEC <ac@egspec.org>

Respected Sir,

Greetings!

Thank you very much for your consent for being the BOS External Expert for MCA Program.

I hereby attach the zip file containing the following for your kind perusal and valuable suggestions.

1. Draft Curriculum 2020.
2. Syllabus of 2 year MCA Program (As per AICTE latest suggestion, we are Planning to offer MCA Program as a 2 year Program (4 semesters and the 4th semester being full time Industrial Project, accordingly the draft syllabus is framed)
3. Draft MCA Regulations 2020.

We are eagerly looking forward for your Advice, Suggestions and Comments so that we will arrive at a well framed Curriculum and Syllabus for our students.

Thanks and Regards,


Dr. J. Vanitha,
(BOS Chairman / MCA)
Associate Professor and Head,
Department of Computer Applications,
E. G. S Pillay Engineering College (Autonomous),
Nagapattinam - 611 002.

Mobile: +91 9443728519

Website: www.egspec.org

E-Mail: vanitha@egspec.org

 Regulations-Curriculum-Syllabus R2020.zip
451K

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Therhi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.



BOS MCA <bosmca@egspec.org>

Seeking Consent to Act as a BOS Member - EGSPEC/MCA

BOS MCA <bosmca@egspec.org>

Tue, Jun 2, 2020 at 12:10 PM

To: Sathya Prakash S <sprakash@amtexsystems.com>

Cc: "Dr.J.Vanitha" <vanitha@egspec.org>, Academic Council EGSPEC <ac@egspec.org>

Respected Sir,

Greetings!

Thank you very much for your consent for being the BOS Industry Expert for MCA Program.

I hereby attach the zip file containing the following for your kind perusal and valuable suggestions.

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2. Syllabus of 2 year MCA Program (As per AICTE latest suggestion, we are Planning to offer MCA Program as a 2 year Program (4 semesters and the 4th semester being full time Industrial Project, accordingly the draft syllabus is framed)
3. Draft MCA Regulations 2020.

We are eagerly looking forward to your Advice, Suggestions and Comments so that we will arrive at a well framed Curriculum and Syllabus for our students.

Thanks and Regards,

Dr. J. Vanitha,
(BOS Chairman / Computer Applications)
Associate Professor and Head,
Department of Computer Applications,
E. G. S Pillay Engineering College (Autonomous),
Nagapattinam - 611 002.

Mobile: +91 9443728519
Website: www.egspec.org
E-Mail: vanitha@egspec.org

[Quoted text hidden]

 Regulations-Curriculum-Syllabus R2020.zip
451K

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

Seeking Acknowledgement - Syllabus for MCA 2020 - 2021

Sathya Prakash S <sprakash@amtexsystems.com>
 To: BOS MCA <bosmca@egspec.org>
 Cc: "Dr.J.Vanitha" <vanitha@egspec.org>

Mon, Aug 10, 2020 at 6:24 PM

Hi Madam,

Good day to you.

Your **electives are very stronger and relevant**, my appreciation. People should focus more on electives to get more insights about IT career.


Secondly, **my suggestion is to remove HRM and include some other IT subject (may be about introduction to API's, any middleware's, Voice BI or a Software Product Engineering)**. Just a thought.

Thanks very much.

SEMESTER III										
Course Code	Course Name	L	T	P	C	Maximum Marks			Category	
						CIA	ES	Total		
Theory Course										
	Cryptography and Network Security	3	-	-	3	40	60	100	PC	
	Distributed Systems and Cloud Computing	2	-	2	3	50	50	100	PC	
	Human Resource Management	3	-	-	3	40	60	100	PC	
	Data Analytics	3	-	-	3	40	60	100	PC	
	Elective – II	3	-	-	3	40	60	100	PE	
	Elective – III	3	-	-	3	40	60	100	PE	
Laboratory Course										
	Data Analytics Laboratory	-	-	4	2	50	50	100	PC	
	Mini Project	-	-	4	2	50	50	100	PC	
	Technical Seminar and Report Writing	-	-	2	1	50	50	100	EEC	

With thanks & regards,

Sathya Prakash SS

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
 E.G.S. Pillay Engineering College,
 Thethi, Nagere - 611 002
 Nagapattinam, (Dt) Tamil Nadu.

Vice President - Human Resources

AMTEX[™]

Amtex Software Solutions Private Limited

Amtex Towers, Plot No:- H10, 3rd Main Road,

SIPCOT, Siruseri, Chennai:- 603103

Ph:- +91 44 4299 7575 / 98407 76239

From: BOS MCA [mailto:bosmca@egspec.org]
Sent: 07 August 2020 10:19
To: Sathya Prakash S
Cc: Dr.J.Vanitha
Subject: Seeking Acknowledgement - Syllabus for MCA 2020 - 2021

[CAUTION - This email did not originate from **Amtex System Inc.**, Do not click links or open attachments unless you recognize the sender email address and know the content is safe]

[Quoted text hidden]

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

michael@nitt.edu <michael@nitt.edu>
To: BOS MCA <bosmca@egspec.org>
Cc: Michael Arock <michael.arock@gmail.com>

Fri, Dec 11, 2020 at 2:43 PM

Dear madam,
I have gone thru' the contents and it has comp up well. So, I give my approval.

Thank you
mic
Quoting BOS MCA <bosmca@egspec.org>:

[Quoted text hidden]

Thanks and Regards,

Dr. J. Vanitha,
(BOS Chairman / Computer Applications)
Associate Professor and Head,
Department of Computer Applications,
E. G. S Pillay Engineering College (Autonomous),

*Nagapattinam - 611 002. *

Mobile: +91 9443728519
Website: www.egspec.org <http://www.egspec.org>
E-Mail: vanitha@egspec.org <vanitha@egspec.org>

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Dr.MICHAEL AROCK
Professor
Department of Computer Applications
National Institute of Technology
Tiruchirappalli 620 015
Tamilnadu, INDIA
Mob: 9842378952

BOS MCA <bosmca@egspec.org>
To: michael@nitt.edu

Mon, Dec 14, 2020 at 10:46 AM

Respected sir,

Thank you very much for your valuable support.

Thanks and Regards,

Dr. J. Vanitha,
(BOS Chairman / Computer Applications)
Associate Professor and Head,
Department of Computer Applications,
E. G. S Pillay Engineering College (Autonomous),
Nagapattinam - 611 002.

Mobile: +91 9443728519
Website: www.egspec.org
E-Mail: vanitha@egspec.org

[Quoted text hidden]

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



BOS MCA <bosmca@egspec.org>

Revised MCA Curriculum - Suggestions and Approval requested

3 messages

BOS MCA <bosmca@egspec.org>

Mon, Dec 7, 2020 at 1:53 PM

To: michael@nitt.edu

Cc: Michael Arock <michael.arock@gmail.com>

Respected Sir,

On Behalf of our MCA Department, E.G.S Pillay Engineering College (Autonomous), Nagapattinam, I express my warm Greetings!

Hope you are safe and well.

I would like to bring to your kind notice that with your great and consistent support as our BOS expert member, the 2020 Regulations, Curriculum and Syllabus for our 2 years MCA Program has been finalized and forwarded to the academic council of our institute during the month of August 2020.

Subsequently on 4.12.2020, Anna University sent a letter (letter enclosed in the Zip file attached for your reference) to all Principals of Autonomous Institutions stating that to include Bridge courses of 1 year duration in the Curriculum of 2 year MCA Program as per the UGC and AICTE notifications to the non computer science students.

As per the direction from the Anna university and our college Academic council, we have revised the 2020 curriculum of 2 year MCA courses adding bridge courses of 1 year duration. Accordingly, we are herewith sending the revised curriculum to you for your valuable suggestions and approval.

I humbly request you to have a look at the revised curriculum and give your valuable suggestions and approval through email. The Zip file attached contains

1. Old MCA curriculum
2. Changed MCA curriculum
3. Document stating the changes made in the curriculum
4. Bridge Courses and Semester courses syllabus
5. Regulations
6. Copy of the letter received from Anna university


We have identified the course completed by computer major students in their UG Degree and moved it to the bridge course so that those papers are offered only to non computer science students as a bridge course. We have added advanced papers in place of the moved courses.

I am sure you will extend your kind support as usual and I express my heartfelt gratitude for the same.

Thanks and Regards,

Dr. J. Vanitha,
(BOS Chairman / Computer Applications)
Associate Professor and Head,
Department of Computer Applications,
E. G. S Pillay Engineering College (Autonomous),
Nagapattinam - 611 002.

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E-Mail: vanitha@egspec.org

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

 Revised MCA Curriculum and Syllabus 2020.zip

913K



BOS MCA <bosmca@egspec.org>

Revised MCA Curriculum - Suggestions and Approval requested

Dr Shana J <shana@cit.edu.in>
To: BOS MCA <bosmca@egspec.org>

Wed, Dec 9, 2020 at 6:53 PM

Dear Madam,

Hope you are doing well.

Thank you for sending the newly appended curriculum and bridge course. I have the following suggestions to be made.

1. In the bridge course if possible add a lab for web technology covering the basics upto PHP. DBMS lab may be given as 2 hours of practical in theory to practise SQL and that slot may be used for web technologies-basics.
2. Also PHP is being offered as electives may be removed as it has become obsolete in the industry now and instead add newer technologies like angular js, react js, SPA etc.
3. I also suggest including IoT and its applications for MCA students rather than following the core IoT
4. NLP, may be included in the electives
5. JSP may be offered as part of Java rather than a separate elective.
6. Dev Ops, computer vision may also be included as an elective.
7. The traditional SDLC model of software Engineering is not much in use in the industry and so it is recommended to include Agile methodology/concepts more in that course or find a book on that. Even testing may be included in it as a unit or module.
8. Networking lab is missing in bridge course.

I can understand that with the reduction in the number of years it is very difficult to add more courses. The above are my suggestions feasibility of adopting it is left to your team.

I also appreciate the efforts put in by your team to compile this new syllabi and regulation for MCA.

You can also get back to me if clarifications are required.

With warm regards
Dr.J.Shana
Associate Professor (MCA)
Dept. of Computer Applications
CIT,CBE-14

[Quoted text hidden]

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.

E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
DEPARTMENT OF COMPUTER APPLICATIONS

Circular Dated 03.07.2017

We are happy to inform that our MCA department is going to Conduct **"Ist Board of Study Members Meeting"** on **08.07.2017** at **10.00 A.M** in **Anna Edusat Hall**, PG block, E.G.S.Pillay Engineering College, Nagapattinam.

We Cordially welcome the Board of Study Members are Dr.T.Purusothaman, GCT, Coimbatore, University Nominee, Dr.Michael Arock, NIT, Trichy and Dr.T.Ramkumar, VIT, Vellore, External Expert Members, Mr.Sathiya Prakash, Head HR, Amtex Software Solutions Pvt Ltd, Chennai. Mr.T.Mohamed Ameer Ilyas, Executive Analyst / IMRB, Chennai and Mr.Saravanan Subramanian, Head Technical Lead, Anubavam Technologies Chennai, Aluminus. All the Staff members are invited.


 BOS-CHAIRMAN/MCA

Copy To: The Secretary, The Principal, The COE and Department File.

E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
DEPARTMENT OF COMPUTER APPLICATIONS

Circular Dated 03.07.2017

We are happy to inform that our MCA department is going to Conduct **"Ist Board of Study Members Meeting"** on **08.07.2017** at **10.00 A.M** in **Anna Edusat Hall**, PG block, E.G.S.Pillay Engineering College, Nagapattinam.



We Cordially welcome the Board of Study Members are Dr.T.Purusothaman, GCT, Coimbatore, University Nominee, Dr.Michael Arock, NIT, Trichy and Dr.T.Ramkumar, VIT, Vellore, External Expert Members, Mr.Sathiya Prakash, Head HR, Amtex Software Solutions Pvt Ltd, Chennai. Mr.T.Mohamed Ameer Ilyas, Executive Analyst / IMRB, Chennai and Mr.Saravanan Subramanian, Head Technical Lead, Anubavam Technologies Chennai, Aluminus. All the Staff members are invited.


 BOS-CHAIRMAN/MCA

Copy To: The Secretary, The Principal, The COE and Department File.

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
 E.G.S. Pillay Engineering College,
 Thethi, Nagore - 611 002.
 Nagapattinam (Dt) Tamil Nadu.

	<p>E.G.S. PILLAY ENGINEERING COLLEGE (An Autonomous Institution, Affiliated to Anna University, Chennai) Nagore Post, Nagapattinam – 611 002, Tamilnadu.</p>	
<p>Department of Computer Applications</p>		

Minutes of Board of Studies(BoS) Meeting

Name of the Department	Computer Applications
Names of the Programmes	Master of Computer Applications
Meeting No	01
Date & Time	08-07-2017 10.00 A.M
Venue	Soft View Lab, PG Block, EGSPEC, NAGAPATTINAM

The names of members present in the Board of Studies is given in Annexure – I

1. Chairman / BoS welcomed all members for the 1st meeting of Board of Studies.
2. Chairman / BoS introduced the members.
3. Chairman / BoS briefed the members about the Agenda

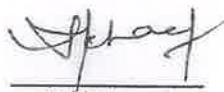
- To discuss the MCA R 2017 Curriculum
- To finalize the curriculum and syllabi of first and second semester of MCA Programme.
- To discuss the question paper pattern and Evaluation methodologies.
- Any other matters.



 Chairman (BoS)



 University Nominee



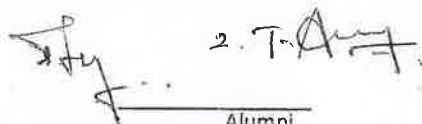
 Subject Expert



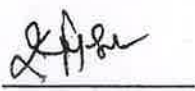
 Subject Expert



 Industry Expert



 Alumni



 Senior Faculty



 Senior Faculty



 Senior Faculty

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4. The following are the suggestions given by the member of Board of Studies.

Dr.T.Ramkumar suggested the following to add additional Courses under **Elective Category**,

- Data Analytics using R tool
- Machine learning techniques
- Open source programming
- Virtualization and Cloud Computing

In one credit course including :

- Multimedia tools
- Adobe Illustrator

In Curriculum,

He suggested to include:

- WEKA concept in Data mining.
- **Python** Programming.
- Two days Orientation Programme is to be added and it will be organized by Training & Placement.

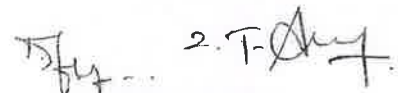

Chairman (BoS)


University Nominee


Subject Expert



Subject Expert


Industry Expert


Alumni


Senior Faculty


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Dr.M.Michale Arock suggested the following,

In Curriculum:

- To change **Mathematical Foundations** of Computer Applications instead of Mathematical Foundations of Computer Science.
- In Mathematical Foundations of Computer Science to change the topic of **Linear Algebra** instead of **Discrete Algebra**.
- For PSP, he suggested to follow the reference book of **R.C.Domey**.
- For Fundamental of Programming, he suggested to follow the reference book of **Yesdee Publication 2014**.
- In Database Management System, the advanced topics to be strengthened like **Object Oriented Database**.
- In Data Structures, to include **Priority queue in 1st Unit** and in fourth unit **AVL tree, Red-Block tree, B tree, Heaps (Binomial Heap)**.
- In Design and Analysis of Algorithm to include **NP problems, Clique decision problem, Node cover, Chromatic Number decision problem in Vth unit**.

Mr.Sathya Prakash suggested the following,

In **Value added Courses**, he suggested to add

- Content Management System
- Selenium and Java
- Node JS/React JS
- UI /UX/ Photoshop
- Angular JS
- Mobile development
- IOS
- Combination of Android and IOS
- Solution Architecture
- Linux

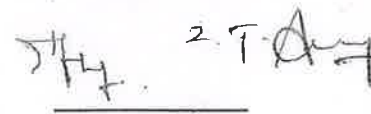

Chairman (BoS)

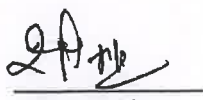

University Nominee

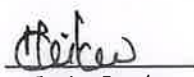

Subject Expert


Subject Expert


Industry Expert


Alumni


Senior Faculty


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To include one credit courses:

- Search Engine Optimization
- Techgig – Times Job(Activity)

To encourage **internship programmes** (Short term courses) from Ist year onwards.

In **Elective Paper**, he suggested to add additional Courses like,

- **Business Communication** to approach (NGO) to frame the syllabus. Life Skills not on Staggered basic. It has to be one Stretch Course
- E-commerce
- Self Branding Course
- Information Security paper

Mr.Saravanan Subramaniyan suggested the following points,

He suggested to add

- Mobile OS
- Advanced Excel instead of MS-Office package.

To include one credit courses:


1. Website Development tools will be added like HTML file, CSS3, Java Script and JQuery.
2. Graphics and Design tools will be added like Photoshop, Illustrator and Eclipse .

Mr.Mohamed Ameer Ilyas suggested the following points,

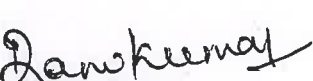
In **Value added courses** he suggested to add

- Mobile OS
- Advanced Excel instead of MS-Office package.


Chairman (BoS)


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Alumni


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Dr.T.Purusothaman Suggested the following,

In OS and Network Programming Lab,

- Add the following experiments
 1. Establishing LAN with switch or hub and assigning IP addresses and subnet mask.
 2. Debugging LAN with Ping.
- Update the 4th experiment .
- Network analyser – Wireshark / Ethereal Tool

To include one credit courses:

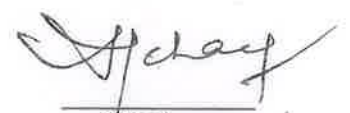
- 'R' Programming
- User Interface Technology



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University Nominee



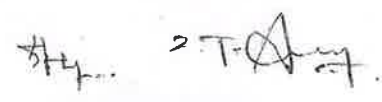
Subject Expert



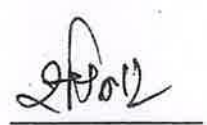
Subject Expert



Industry Expert



Alumni




Senior Faculty



Senior Faculty



Senior Faculty

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 Megapattanam, (Dy) Tamil Nadu.

Question Paper Patterns

Type	Questions Pattern	Marks
Part A	Objective Type(10*1 Marks)	10
Part B	2 Mark Question(10*2 marks)	20
Part C	14 mark Question(5*14 marks)	70
Total		100

Evaluation Methods**Theory**

Continuous Assessment = 40%

Semester Examinations = 60%

Practical

Continuous Assessment = 50%

Semester Examinations = 50%

5. The following resolutions were passed

- It is resolved to recommend the curriculum and syllabi of first and second semester of MCA Programme to the Academic Council for approval.
- It is resolved to recommend the curriculum of 3rd – 6th Semester MCA to the academic Council for approval.
- It is resolved to recommend the question paper pattern PG Programmes and evaluation methodology for approval.

The Chairman, Board of Studies thanked all the members for their valuable suggestions and coordination.

Date: 8-7-17

Place: NAGAPATTINAM




Chairman (BoS)



University Nominee



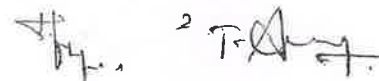
Subject Expert



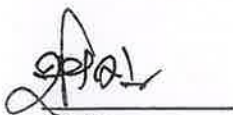
Subject Expert



Industry Expert



Alumni




Senior Faculty



Senior Faculty



Senior Faculty

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Department of Computer Applications
Board of Studies Meeting

Members List

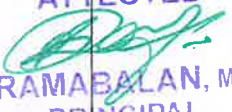
Name of the Department : Computer Applications
Meeting No : 01
Date & Time : 08-07-2017 10.00 A.M
Venue : Soft View Lab, PG Block, EGSPEC, NAGAPATTINAM.

Sl.No.	Name	Category
1	Mrs.J.Vanitha, Associate Professor / HOD, Master of Computer Applications, E.G.S.Pillay Engineering College, Nagapattinam, Old No 10,New Number 15, II Cross,Pudhu Nagar,Kizhakasakudi, Karaikal – 609605, E-Mail:Vani77_muthu@yahoo.co.in, Mobile:9443728519,Phone:7373067035.	Chairman
2	Dr.T.Purusothaman, Associate Professor , Department of Computer Science and Engineering,Government College of Technology,Coimbatore, E-mail:purusothaman.t@get.ac.in Mobile:9842279020.	University Nominee
3	Dr.Michael Arock, Associate Professor, Department of Computer Applications. NIT-Trichy,A-1 St Street,AVM Jothi Nagar, Kattur(po),Tiruchirappalli 620 019, E-mail: michael@nitt.edu, michael.arock@gmail.com Mobile:98423-78952,Phone:91-431-2503736.	External Expert Members
4	Dr.T.Ramkumar, Professor, School of Information Technology and Engineering,VIT University. Vellore 632 014, E-Mail:ramoad@yahoo.com. Phone No:9442421674.	
5	Mr.SatyaPrakash SS, Head – Human Resources, Amtex Software Solutions Pvt Ltd, Chennai.	Industry / Corporate Sector


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Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.

6	<p>Mr.T.Mohamed Ameer Ilyas, Executive Analysis /Operation, No 63,Pantheon Road, Kantar IMRB, Egmore, Chennai 600008. E-Mail:ameerilyas75@gmail.com, Phone:8754842505.</p>	
7	<p>Mr.Saravanan Subramanian, Technical Lead, Anubavam Technologies Pvt. Ltd., Chennai, 141 Kamarajar street, Indira Nagar, Valasaravakkam, Chennai, saravanan@anubavam.com Phone:9176669373.</p>	Aluminus
8	<p>Dr.M.K.Mishra, Professor/MCA, E.G.S.Pillay Engineering College, Nagapattinam, 13,NSR Pillai Street,Near Sun Super Market Karaikal-609 409, manojmishra1969@hotmail.com, drnkm1969@rediffmail.com , Phone: 9976888658</p>	
9	<p>C. Mallika Associate Professor /MCA, E.G.S.Pillay Engineering College, Nagapattinam, No:5/153,Abirami Illam, Melaiyur(P.O), Sirkali(T.K.) – 609 107, E-Mail: mallikacm@yahoo.co.in, Mobile: 9787650176,Phone:04364 -260758.</p>	Internal Members
10	<p>Mr.A.S.Anakath Associate Professor /MCA, E.G.S.Pillay Engineering College, Nagapattinam, E-Mail: anakath@egspec.org Mobile: 9486433704</p>	

ATTESTED

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11	<p>A.Hema, Assistant Professor , Master of Computer Applications, E.G.S.Pillay Engineering College, Nagapattinam, Yadavapuram, Thethakudi South sethi, Vedaraniam-641 809, E-Mail:karusnehem@gmail.com, Mobile:7598690251.</p>	
12	<p>S.Visalatchy, Assistant Professor /MCA, E.G.S.Pillay Engineering College, Nagapattinam, No.24,Raja Street, Mela Ponbethy, Nedungadu - 609 603 , E-Mail:Svisaka2012@gmail.com, Mobile: 9698008348.</p>	


3.7.17
BOS-Chairman/MCA
[E.J.VANITHA]

ATTESTED

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Nagapattinam (Dt) Tamil Nadu.



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Board of Studies Meeting

Attendance

Name of the Department : Computer Applications

Meeting No : 01

Date & Time : 08-07-2017 & 9.30 A.M.

Venue : MCA A/C Seminar Hall, PG Block

Sl.No.	Name	Category	Signature
1	Prof. J. VANITHA	Chairman	
2	Dr. T. PURUSOTHAMAN	University Nominee	
3	Dr. MICHAEL AROCK	External Expert Members	
4	Dr. T. RAMKUMAR		
5	Mr. SS. SATHYAPRAKASH	Industry / Corporate Sector	
6	Mr. T. MOHAMED AMEER ILYAS	Alumnus	
7	Mr. SARAVANAN SUBRAMANIAN		
8	Dr. MANOJ KUMAR MISHRA	Internal Members	
9	Prof. C. MALLIKA		
10	Prof. A. S. ANAKATH		
11	Prof. A. HEMA		
12	Prof. S. VISALATCHY		

ATTESTED

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Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.

Chairman - BoS (MCA)

CHAIRMAN
Board of Studies
Department of Computer Applications
EGS Pillay Engineering College (Autonomous)
Nagapattinam.

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Department of Computer Applications
Action Taken Report for Ist Board of Studies Meeting

The Action Taken Report on the suggestions made in the 1st Meeting was presented as mentioned below:

In Curriculum

- Changed the Course Title **Mathematical Foundations** of Computer Applications instead of Mathematical Foundations of Computer Science
- Replaced the Research Methodology by **Cryptography and Network Security** in IV Semester
- Inserted **Python Programming** theory and Lab in V Semester
- Changed the title from distributed and cloud computing into **virtualization and cloud computing**

In Elective

- Added Data analytic Using R Tool in **Elective II.**
- Added Machine Learning Techniques in **Elective III**
- Replaced the course from M-Commerce to E-Commerce in **Elective IV**
- Added Data Science in R Tool in **Elective V**



In One Credit and Value Added Course

- **Combined Photoshop and Flash** and it named as **Multimedia Tools** and then inserted **Adobe Tools, Website Development Tools** and **Graphics and Design Tools** in One Credit Course
- In Value Added Course, **replaced MS-Office Package** to **Advanced MS-Excel** and also insert **Selenium and Java, Combination Android and IOS, Angular JS, Content Management System** and **Solution Architecture.**

In Syllabus

- In Mathematical Foundations of Computer Applications, **changed the IV Unit** from Discrete Algebra to Linear Algebra and change the **I Unit** Combinatorics to Matrix Algebra. Based on change of syllabus the reference book is added
- In Database Management systems, **changed syllabus for V unit**
- In Data Structure, **IV unit syllabus is changed**
- In Computer Communication and networks , **changed the V unit**
- In Software Engineering ,**III unit title changed**
- In DAA, **updated the syllabus with Clique decision problem, Node Cover, Chromatic number decision Problem** in **V unit.**

ATTESTED
[Signature]
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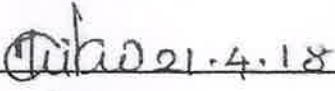
Board of Studies Meeting**Attendance**

Name of the Department : Computer Applications

Meeting No : 02

Date & Time : 21-04-2018 & 10.00 A.M.


Venue : MCA A/C Seminar Hall, PG Block

Sl.No.	Name	Category	Signature
1	Prof. J. VANITHA	Chairman	
2	Dr. T. PURUSOTHAMAN	University Nominee	
3	Dr. MICHAEL AROCK	External Expert Members	
4	Dr. T. RAMKUMAR		
5	Mr. SS. SATHYAPRAKASH	Industry / Corporate Sector	
6	Mr. T. MOHAMED AMEER ILYAS	Alumnus	
7	Mr. SARAVANAN SUBRAMANIAN		
8	Dr. A. S. ANAKATH	Internal Members	
9	Prof. C. MALLIKA		
10	Prof. A. HEMA		
11	Prof. S. VISALATCHY		

ATTESTED


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PRINCIPAL

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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.


Chairman - BoS (MC)

21/4/18



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Minutes of Board of Studies (BoS) Meeting

Name of the Department	Computer Applications
Names of the Programmes	Master of Computer Applications
Meeting No	02
Date & Time	21-04-2018 & 10.00 A.M
Venue	Soft View Lab, PG Block, EGSPEC, NAGAPATTINAM

The names of members present in the Board of Studies is given in Annexure – I

1. Chairman / BoS welcomed all members for the 2nd meeting of Board of Studies.
2. Chairman / BoS briefed the members about the Agenda.

- Discussion and action taken about previous BoS Meeting.
- To finalize the syllabi of MCA Programme from third to Sixth semester
- Any other matters.

3. The following are the suggestions given by the member of Board of Studies.

- The Board of Studies members have gone through the curriculum and syllabi of 3rd – 6th semester MCA

Third Semester:


In Professional Core:

1. Revised the title and syllabus for Data warehousing and Mining.

In Value Added Course:

1. Give more importance on Node JS, React JS and Angular JS in Value added Course
2. To replace the topic from warnings and error as error Handling in 1704CA312-Angular JS
3. Include Query String topic in 1704CA310-Node JS

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Fourth Semester:

In Professional Core:

1. In Ist Unit from **Advanced Java Programming** transfer to **Web Programming** Essential. Give more weightage on Fundamentals of Java Programming in Advanced Java Programming.

In Value Added Course:

1. **1704CA410**-.Net includes MVC concept in Day 1 Schedule and also include REST API, Services API in Day 2 Schedule.
2. Title of **1704CA411**- Combination of Android and IOS is changed as Mobile App Development
3. At the end of this course, the students have to develop their Application project by using **1704CA411**-Combination of Android and iOS.

In One Credit Course:

1. In **1704CA409**- Computer Hardware Assembling, remove the unwanted topics and to introduce the Concept of Business Intelligence (BI) in the Syllabus.
2. To include Firewall concept and remove the topic of Basic Computer Theory in **1704CA408**- Networking and Trouble Shooting
3. In **1704CA409**- Computer Hardware Assembling, include the topics of RAM, External Storage, Graphics Card & Processor and remove the topic of Floppy Disk

Fifth Semester:

In Professional Core:

1. **Reduce the lecture hour** for virtualization and cloud computing from **3 to 2**.
2. **Increase the lecturer hour** for python from **3 to 4**.

In Professional Elective:

1. **Replace Data Science Using R Tool** with **Big Data Tools**.

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In Value Added Course:

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1. **Include the topics** like Mongo DB, PHP Frameworks, Service Handling , Bootstrap, AJAX, Error Handling and suggested to add the topic Regular Expression in 1704CA510-PHP.
 2. In 1704CA511-Linux, Little Linux **topics is changed** as the topic Fundamentals of Linux and include the topics such as Ubuntu installing and Configuration, Linux OS Installation, Server Installing, Apache Engine X, Basic Cloud Server(AWS,RACKS, NVM).
 3. In 1704CA512-Content Management System, **remove the topic** Favicon, Logo, Edit Footer & you tube and include the topic such as Content Creation, form Creation, Page Creation, Slide Show, Plugin creation, Advanced theming, Database Handling, Backup and restore, Fundamentals of migrations Backup in day II, Day III and Day V Schedule.

In One Credit Course:

1. 1704CA508 and 1704CA603 courses are **combined** and titled as Multimedia and Graphics Tools and include course like SEO and Digital Marketing.
2. **Remove the Adobe tools One Credit course**

Sixth Semester

In Value Added Course:

1. To **include** one more course named **“Version Controlling GIT”**
2. To **include** the topics like scrum Master and Agile Methodology in 1704CA605-Solution Architecture.

In One Credit Course:

1. To **add additional Courses** like Search Engine Optimization (SEO) included in either value added or one credit Course.

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The following are the Suggestions for Improvements

Research Area:

1. Suggest to **concentrate** more on ICMR related **R&D Proposal** especially like the topic of Big Data Analytics with healthcare.
2. Faculty members are asked to be strengthen their specialized area with freeware tools which helps to **organize FDP** and **write research article**.
3. Management will **provide financial support** for **publication** in renowned journal.


Placement:

1. Take a feedback from all the alumni who are working in industry and know about the leading technology from the help of Google feedback.
2. Suggest for doing internship for their specialized area that helps to convert your academic knowledge into industry skills and also it can make the company contact. Use internshalla for accessing intership.
3. Students are instructed to do course using Coursera and Sololearn.
4. Provide financial support for online certification course for students.
5. Give more awareness on Hackersearth and Hackersrank.
6. To Test the Practical knowledge based on OBE.
7. To develop the mini project based on the topic.

EDC

1. Encourage EDC Startup project
2. Give Awareness on participation and organization of Hackathan

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



E.G.S. PILLAY ENGINEERING COLLEGE
 (An Autonomous Institution, Affiliated to Anna University, Chennai)
 Nagore Post, Nagapattinam – 611 002, Tamilnadu.

4. The following resolutions were passed

- It is resolved to recommend the curriculum and syllabi of third to sixth semester of MCA Programmes to the Academic Council for approval.

The Chairman, Board of Studies thanked all the members for their valuable suggestions and coordination.

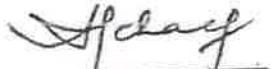
Date: 21.04.2018

Place: NAGAPATTINAM


 21/4/18
 Chairman (BOS)

[J. VANITHA]

University Nominee


 Subject Expert

[Dr. MICHAEL ARORA]


 Subject Expert

[Dr. T. RAMKUMAR]


 Industry Expert

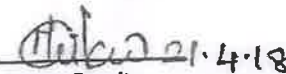
[Mr. S.S. SATHYAPRAKASH]


 Alumni

[Mr. SARAVANAN
 SUBRAMANIA]

Senior Faculty

[Dr. A.S. ANAKATH]


 21.4.18
 Senior Faculty

[C. MALLIKA]

Senior Faculty

[A. HEMA]

ATTESTED

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 Thethi, Nagore - 611 002.
 Nagapattinam (Dt) Tamil Nadu.

Sub:II BOS Details 30.04.2018

3 messages

BOS MCA <bosmca@egspec.org>
To: "VANITHA.J MCA" <vanitha@egspec.org>

Mon, Apr 30, 2018 at 3:50 PM

Respected Sir,

Greetings from MCA, E.G.S. Pillay Engineering College, Nagapattinam!

Based on your suggestion, we revised curriculum, syllabus, value added course and one credit course and herewith we attached for your verification.

The following are the suggestions given by the member of Board of Studies.

- The Board of Studies members have gone through the curriculum and syllabi of 3rd – 6th semester MCA

Third Semester:**In Professional Core:**

1. Revised the title and syllabus for Data warehousing and Mining.

In Value Added Course:

1. Give more importance on Node JS, React JS and Angular JS in Value added Course
2. To replace the topic from warnings and error as error Handling in 1704CA312-Angular JS
3. Include Query String topic in 1704CA310-Node JS

Fourth Semester:**In Professional Core:**

1. In 1st Unit from Advanced Java Programming transfer to Web Programming Essential. Give more weightage on Fundamentals of Java Programming in Advanced Java Programming.

In Value Added Course:

1. 1704CA410-.Net includes MVC concept in Day 1 Schedule include REST API, Services API in Day 2 Schedule.

Dr. S. RAMABALAN, M.E., Ph.D.,**PRINCIPAL**

E.G.S. Pillay Engineering College

Thethi, Nagore - 611 002.

Nagapattinam (Dt) Tamil Nadu.

2. Title of 1704CA411- Combination of Android and IOS is changed as Mobile App Development
3. At the end of this course, the students have to develop their Application project by using 1704CA411-Combination of Android and iOS.

In One Credit Course:

1. In 1704CA409- Computer Hardware Assembling, remove the unwanted topics and to introduce the Concept of Business Intelligence (BI) in the Syllabus.
2. To include Firewall concept and remove the topic of Basic Computer Theory in 1704CA408- Networking and Trouble Shooting
3. In 1704CA409- Computer Hardware Assembling, include the topics of RAM, External Storage, Graphics Card & Processor and remove the topic of Floppy Disk

Fifth Semester:**Professional Core:**

1. Reduce the lecture hour for virtualization and cloud computing from 3 to 2.
2. Increase the lecturer hour for python from 3 to 4.

In Professional Elective:

1. Replace Data Science Using R Tool with Big Data Tools.

In Value Added Course:

1. Include the topics like Mongo DB, PHP Frameworks, Service Handling , Bootstrap, AJAX, Error Handling and suggested to add the topic Regular Expression in 1704CA510-PHP.
2. In 1704CA511-Linux, Little Linux topics is changed as the topic Fundamentals of Linux and include the topics such as Ubuntu installing and Configuration, Linux OS Installation, Server Installing, Apache Engine X, Basic Cloud Server(AWS,RACKS, NVM).
3. In 1704CA512-Content Management System, remove the topic Favicon, Logo, Edit Footer & you tube and include the topic such as Content Creation, form Creation, Page Creation, Slide Show, Plugin creation, Advanced theming, Database Handling, Backup and restore, Fundamentals of migrations Backup in day II, Day III and Day V Schedule.

In One Credit Course:

1. 1704CA508 and 1704CA603 courses are combined and titled as Multimedia and Graphics Tools and include course like SEO and Digital Marketing.
2. Remove the Adobe tools One Credit course

Sixth Semester

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In Value Added Course:

1. To include one more course named "Version Controlling GIT"
2. To include the topics like scrum Master and Agile Methodology in 1704CA605-Solution Architecture.

In One Credit Course:

1. To add additional Courses like Search Engine Optimization (SEO) included in either value added or one credit Course.

The following are the Suggestions for Improvements**Research Area:**

1. Suggest to concentrate more on ICMR related R&D Proposal especially like the topic of Big Data Analytics with healthcare.
2. Faculty members are asked to be strengthen their specialized area with freeware tools which helps to organize FDP and write research article.
3. Management will provide financial support for publication in renowned journal.

Placement:

1. Take a feedback from all the alumni who are working in industry and know about the leading technology from the help of Google feedback.
2. Suggest for doing internship for their specialized area that helps to convert your academic knowledge into industry skills and also it can make the company contact. Use internshalla for accessing intership.
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7. To develop the mini project based on the topic.

EDC

1. Encourage EDC Startup project
2. Give Awareness on participation and organization of Hackathan

Kindly acknowledge the syllabus after verification.

Thanking you!


ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College
Thethi, Nagore - 611002.
Naganathan (Dr) Tamil Nadu.

With Regards,

Mrs.J.Vanitha,
BOS-Chairman/MCA.

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 **II BOS 21.04.2018.rar**
5852K

BOS MCA <bosmca@egspec.org>


Mon, Apr 30, 2018 at 3:55 PM

To: michael@nitt.edu, "Dr.T.Ramkumar" <ramooad@yahoo.com>, Saravanan Subramanian <saravanan@anubavam.com>, purusothaman T <purusothaman.t@gct.ac.in>, sprakash@amtexsystems.com, principal@egspec.org, Academic Council EGSPEC <ac@egspec.org>, coe@egspec.org, ilakkiya@egspec.org

[Quoted text hidden]

With Regards,

rs.J.Vanitha,
BOS-Chairman/MCA.

 **II BOS 21.04.2018.rar**
5852K

michael@nitt.edu <michael@nitt.edu>

Tue, May 1, 2018 at 12:07 PM

To: BOS MCA <bosmca@egspec.org>

Cc: "Dr.T.Ramkumar" <ramooad@yahoo.com>, Saravanan Subramanian <saravanan@anubavam.com>, purusothaman T <purusothaman.t@gct.ac.in>, sprakash@amtexsystems.com, principal@egspec.org, Academic Council EGSPEC <ac@egspec.org>, coe@egspec.org, ilakkiya@egspec.org

Dear M'm,
Acknowledged.

mic
Quoting BOS MCA <bosmca@egspec.org>:

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Thanking you!

With Regards,

Mrs.J.Vanitha,
*BOS-**Chairman/**MCA.*

With Regards,

Mrs.J.Vanitha,
*BOS-**Chairman/**MCA.*

Dr.MICHAEL AROCK
Professor
Department of Computer Applications
National Institute of Technology
Tiruchirappalli 620 015
Tamilnadu, INDIA
pb: 9842378952

ATTESTED


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