



**Maharashtra Education Society's
Institute of Management and Career Courses (IMCC)
(A.Y. 2018-19)**

Summary Report for Add on/certification/Value added Programmes offered during AY 2018-19

Programme	Number of Courses	Total enrollment
MCA	4	163

Brief information about

Course Category	Course Name
Technical courses	<ol style="list-style-type: none">1. Aptitude2. Introduction to Internet of things3. Cloud Computing4. Data Mining


Ms. Ashwini Patil
Program Coordinator (MCA)




Dr. Santosh Deshpande
Director



**Maharashtra Education Society's
Institute of Management and Career Courses (IMCC)
(A.Y. 2018-19)**

NOTICE

Add on Course/Certificate Courses

Classroom Session

Date:01/05/2019

TYMCA students are notified about the Add-on courses/Certificate Courses schedule for this academic year as mentioned below.

Sr. No.	Course Name	Date	Timings
1	Aptitude	15/05/2019 to 23/05/2019	10:30am to 03:30pm

**Ms. Ashwini Patil
Program Coordinator (MCA)**





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NOTICE

Add on Course/Certificate Courses

Online Platform

Date:01/01/2019

T.Y MCA students are notified about the online Add-on courses/Certificate Courses schedule for this semester as below. Complete the course till 15th June.

SrNo.	Course Name
1	Introduction to Internet of things
2	Cloud Computing
3	Data Mining

Online Platform for the course will be NPTEL

Contact for any queries regarding NPTEL courses enrollment and information.

**Ms. Ashwini Patil
Program Coordinator (MCA)**





Maharashtra Education society's
Institute of Management and Career Courses (IMCC),
Pune

A.Y. 2018-2019

Aptitude

Mode of teaching: Online

Duration: 40 Hours

Programme Name: MCA

No. of Students enrolled: 56

Trainer Name : Mr. Amol Puri

Freelancer

Course Outcome:

After completion of this course students are able,

- To solve qualitative and quantitative aptitude problems
- To solve complex problems.

Course contents:


Unit No.	Unit Name	Duration
1	Quantitative Aptitude	20
2	Logical Reasoning	20
	Total Duration	40

Reference Material:

1. Quantitative Aptitude for Competitive Examinations By R.S Aggarwal.
2. Quantitative Aptitude for Competitive Examination By Dinesh Khattar.
3. A Modern Approach to Logical Reasoning By Agarwala Vikas and R.S. Aggarwal

1712014	DESHMUKH SHALAKA S.	A	A	A	A	A	A	A	A
1712015	FIRKE SHAILENDRA D.	P	P	P	P	P	A	P	A
1712016	GADWE SAMIKSHA K.	A	A	A	A	A	P	A	P
1712017	GAIKWAD POONAM R.	A	A	A	P	A	A	A	A
1712018	GHARE APURVA R.	P	P	P	P	P	P	P	P
1712019	GOKHALE KALYANI V.	A	A	A	A	A	A	A	A
1712020	GUPTA UJJWAL K.	P	P	P	P	P	A	P	A
1712021	HIRVE UDAYRAJ Y.	A	A	A	A	A	P	A	A
1712022	INGALE MANASI R.	A	A	P	A	A	A	A	A
1712023	JADHAV PRATIKSHA D.	P	P	P	P	P	P	P	A
1712024	JADHAV SHRIDHAR B.	A	A	A	A	A	P	A	A
1712025	JAJU KRISHNA A.	P	P	P	P	P	A	P	A
1712026	JAWANJALKAR SHUBHAM E	A	A	A	A	A	P	A	A
1712027	JOSHI BHAGYESH P.	P	P	P	P	P	P	P	P
1712028	KHARE SANKALP A.	A	A	A	A	A	A	A	A
1712029	KULKARNI PRATHMESH D.	A	P	A	P	P	P	P	P
1712030	KUMAR AASHISH	A	A	P	A	A	A	A	A
1712031	KUMAR AJIT	P	P	A	P	A	P	P	P
1712032	KUMAR GAUTAM	A	A	A	A	A	A	A	A
1712033	KUMAR KUNAL	P	P	P	P	P	A	P	A
1712034	KUMBHAR RAJDEEP S.	A	A	A	A	A	P	A	A
1712035	MANDAVGADE AMEYA M.	A	P	P	A	P	P	P	A
1712036	NANECHA ARPIT	A	A	A	A	A	A	A	A
1712042	POTE SHITAL S.	A	A	A	A	P	A	A	P
1712043	PUSADKAR NIKITA V.	P	P	P	P	A	P	P	A
1712044	RAAJ SHREETI	A	P	A	P	A	A	P	A
1712045	RATHOD PRIYANKA D.	A	A	A	A	A	A	A	A
1712046	RAWAT DIKSHA	P	P	P	P	P	P	P	P
1712047	SAWANT ABHIJEET S.	A	A	A	A	A	A	A	A
1712048	SHIRSIKAR PRATIKSHA S.	A	P	A	A	A	A	A	A
1712049	SHRIRAMWAR AKANKSHA	A	P	P	P	P	P	P	P
1712050	SINGH BIJENDRA K.	A	A	A	A	A	A	A	A
1712051	SIRSAT AKSHAY B.	A	A	P	A	A	P	P	A
1712052	SOLANKAR DHEERAJ B.	A	P	A	P	P	A	P	P
1712053	SONAWANE AKSHAY R.	P	A	A	A	A	P	A	A
1712054	TALELE DHAWAL D.	A	P	P	P	P	A	P	P
1712055	THAKARE VAIBHAV A.	A	A	A	P	A	A	P	A
1712056	THORAT SHUBHAM D.	P	P	P	P	P	P	P	P
1712057	TIRANKAR TOMESH S.	P	A	A	A	A	A	A	A
1712058	TIWADE PRATIKSHA P.	P	A	A	P	P	P	P	P
1712059	TRIPATHI MAYANK V.	P	A	P	P	A	P	P	A
1712060	WARADE KHUSHABU P.	P	A	P	A	P	A	A	P
	Total	41	54	47	50	44	47	53	40


Ashwini Patil
Program Coordinator, MCA


Dr. Santosh Deshpande
Head of Department, MCA



VERIFIED



Maharashtra Education society's
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Pune

Sample Certificates:





Maharashtra Education society's
Institute of Management and Career Courses (IMCC),
Pune



Maharashtra Education Society's
**Institute of
Management &
Career Courses (IMCC)**

Affiliated to Savitribal Phule Pune University
NBA accredited MCA programme(Valid till 30-06-2022)

CERTIFICATE of COMPLETION


CHITALE KUNAL R.

Has completed the course **Aptitude Training**
conducted in online mode dated from **15th May 2019 to 23rd May 2019**
organized by **MES's Institute of Management and Career Courses**

Dr. Santosh Deshpande

Director, MES IMCC

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Maharashtra Education Society's
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Management &
Career Courses (IMCC)**

Affiliated to Savitribal Phule Pune University
NBA accredited MCA programme(Valid till 30-06-2022)

CERTIFICATE of COMPLETION

DESHPANDE SATYAJIT D.

Has completed the course **Aptitude Training**
conducted in online mode dated from **15th May 2019 to 23rd May 2019**
organized by **MES's Institute of Management and Career Courses**

Dr. Santosh Deshpande

Director, MES IMCC

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Maharashtra Education society's
Institute of Management and Career Courses (IMCC),
Pune

A.Y. 2018-2019

Introduction to Internet of Things

Mode of teaching: Online

Duration: 32 Hours

Programme Name: MCA

No. of Students participated: 19

Trainer Name: Prof. Sudip Misra
Dept. of Computer Science and Engineering
IIT Kharagpur

Course Outcome:

After completion of this course students are able,

- To identify the Components that form part of IoT Architecture.
- To set up the connections between the Devices and Sensors.
- To analyze the communication protocols for IoT.

Course contents:

Unit No.	Unit Name	Duration
1	Introduction to IoT: (contd) Sensing, Actuation, Basics of Networking	3
2	Basics of Networking: (contd) Communication Protocols	3
3	Communication Protocols: (contd) Sensor Networks	2
4	Sensor Networks: (contd) Machine-to-Machine Communications	3
5	Interoperability in IoT, Introduction to Arduino Programming: Integration of Sensors and Actuators with Arduino.	3
6	Introduction to Python programming: Introduction to Raspberry Pi	3
7	Implementation of IoT with Raspberry Pi: Introduction to SDN: SDN for IoT	3
8	Data Handling and Analytics: Cloud Computing	2
9	Cloud Computing: Sensor-Cloud	2



Maharashtra Education society's
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10	Fog Computing: (contd)Smart Cities and Smart Homes	3
11	Connected Vehicles: Smart Grid Industrial IoT	2
12	Industrial IoT: (contd) Case StudyAgriculture, Healthcare, Activity Monitoring	3
	Total Duration	32

Reference Material:

- 1.Big Data Now by O'Reilly Media, Inc.
- 2.Big Data, Black Book by Kumar Vikash & DT Editorial Services.
- 3.Big Data Big Analytics by Minelli, M.
- 4.Taming the Big Data Tidal Wave by Franks, B.
- 5.<https://ebookcentral.proquest.com/lib/inflibnet-ebooks/search.action?query=Big+Data+Essentials%3A+HDFS%2C+MapReduce+and+Spark+RDD>



MES'S Institute of Management and Career Courses (IMCC)
MCA - Sem VI (A.Y. 2018-19)
NPTEL Course Enrollment

Subject: Introduction to Internet of Things

Sr NO	Email Address	RollNo	Name
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Shilpa Parlikar

Mrs. Shilpa Parlikar
Coordinator



Santosh Deshpande
Dr. Santosh Deshpande
Director



Maharashtra Education society's
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Pune

A.Y. 2018-2019

Cloud Computing

Mode of teaching: Online

Duration: 34 Hours

Programme Name: MCA

No. of Students Enrolled: 72

Trainer Name : Prof. Soumya Kanti Ghosh, Department of Computer Science and Engineering
IIT Kharagpur

Course Outcome:

After completion of this course students are able,

- to learn fundamentals of cloud computing and cloud architecture,
- to learn service management, data management and Resource management
- to explore the cloud computing platforms, study different Case Studies and Recent Advancements in cloud computing.

Course contents:

Unit No.	Unit Name	Duration
1	Introduction to Cloud Computing, Cloud Computing Architecture	4
2	Service Management and Data Management in Cloud Computing	7
3	Resource Management in Cloud and Cloud Security	7
4	Open Source and Commercial Clouds, Cloud Simulator Research trend in Cloud Computing, Fog Computing	7
5	VM Resource Allocation, Management and Monitoring Cloud-Fog-Edge enabled Analytics Serverless Computing and FaaS Model Case Studies and Recent Advancements	7
	Total Hours :	34

Reference Material:

1. Cloud Computing Bible by Barrie Sosinsky, Wiley India Pvt..Ltd,
2. Cloud Computing by Dr. Kumar Saurabh, Wiley –India
3. Cloud Computing: Principles and Paradigms (Wiley Series) -by Rajkumar Buyya, James Broberg, Andrzej M. Goscinski
4. <http://www.cloudcomputingpatterns.org/>
5. <http://whatiscloud.com>



MES'S Institute of Management and Career Courses (IMCC)
MCA - Sem VI (A.Y. 2018-19)
NPTEL Course Enrollment

Subject: Cloud Computing

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62	patkiamey09@gmail.com	1612041	Amey Patki
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Shilpa Parlikar
Mrs. Shilpa Parlikar
Coordinator



Santosh Deshpande
Dr. Santosh Deshpande
Director



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Pune

A.Y. 2018-2019

Data Mining

Mode of teaching: Online

Duration: 30 Hours

Programme Name: MCA

No. of Students Enrolled: 16

Trainer Name : PROF. PABITRA MITRA

Department of Computer Science and Engineering
IIT Kharagpur

Course Outcome:

After completion of this course students are able,

- to learn the fundamentals of data mining.
- to learn the basic algorithms like data preprocessing, association rules, classification, clustering, sequence mining and visualization.
- to learn implementations on industrial problems.

Course contents:

Unit No.	Unit Name	Duration
1	Introduction, Data Preprocessing	5
2	Association Rule Mining, Classification Basics	5
3	Decision Tree, Bayes Classifier, K nearest neighbor	5
4	Support Vector Machine, Kernel Machine	5
5	Clustering, Outlier detection, Sequence mining	5
6	Evaluation, Visualization, Case studies	5
	Total Duration	30

Reference Books:

1. Data Mining concepts and Techniques by Jiawei Han, Micheline Kamber –Elsevier.
2. Data Mining practical Machine Learning Tools and Techniques by Ian H. Witten Eibe Frank Mark Hall - Elsevier publication
3. Introduction to Data Mining with Case Studies by G. K. Gupta, Prentice Hall of India.
4. Data Mining: Introductory and Advanced Topics, by Margaret Dunham, Pearson Education



MES'S Institute of Management and Career Courses (IMCC)
MCA - Sem VI (A.Y. 2018-19)
NPTEL Course Enrollment

Subject: Data Mining

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