

**DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY
LUCKNOW**



Evaluation Scheme & Syllabus

For

Third Year

(Master of Computer Applications)

On

Choice Based Credit System

(Effective from the Session: 2018-19)

Master of Computer Applications 2018-19

FIFTH SEMESTER

Sl. No.	Subject Code	Subject Name	Periods			Evaluation Scheme					Credit
			L	T	P	Sessional			ESE	Total	
						CT	TA	Total			
1.	RCA-501	Computer Graphics & Animation	3	1	0	20	10	30	70	100	04
2.	RCA-502	Software Engineering	3	1	0	20	10	30	70	100	04
3.	RCA-Elective-II	Elective – II	3	1	0	20	10	30	70	100	04
4.	RCA-Elective-III	Elective – III	3	1	0	20	10	30	70	100	04
5.	RCA-Elective-IV	Elective – IV	3	1	0	20	10	30	70	100	03
Practical											
7.	RCA-551	Computer Graphics & Animation Lab	0	0	6	30	20	50	50	100	03
8.	RCA-552	Project Based on Software Engineering	0	0	3	30	20	50	50	100	02
		Total	15	5	9					700	24

SIXTH SEMESTER

Sl. No.	Subject Code	Subject Name	Period			Evaluation Scheme					Credit
			L	T	P	Session Exams			ESE	Total	
						CT	TA	Total			
1	RCA-661	Colloquium	0	0	8	-	100	100	-	100	04
2	RCA-662	Industrial Project	0	0	40	-	250	250	350	600	20
		Total	0	0	48					700	24

MASTER OF COMPUTER APPLICATION (MCA)

**DR. A.P.J. ABDUL KALAM TECHNICAL
UNIVERSITY, UTTAR PRADESH, LUCKNOW**



EVALUATION SCHEME & SYLLABUS

FOR

**MASTER OF COMPUTER APPLICATION
(MCA)**

(Two Year Course)

AS PER

AICTE MODEL CURRICULUM

[Effective from the Session: 2021-22]

MASTER OF COMPUTER APPLICATION (MCA)
MCA SECOND YEAR, 2021-22

SEMESTER-III

S. No.	Subject Code	Subject Name	Periods			Sessional			ESE	Total	Credit
			L	T	P	CT	TA	Total			
1.	KCA301	Artificial Intelligence	3	0	0	30	20	50	100	150	3
2.	KCA302	Software Engineering	4	0	0	30	20	50	100	150	4
3.	KCA303	Computer Network	3	1	0	30	20	50	100	150	4
4.		Elective – 1	3	0	0	30	20	50	100	150	3
5.		Elective – 2	3	1	0	30	20	50	100	150	3
6.	KCA351	Artificial Intelligence Lab	0	0	3	30	20	50	50	100	2
7.	KCA352	Software Engineering Lab	0	0	3	30	20	50	50	100	2
8.	KCA353	Mini Project**	0	0	4	30	20	50	50	100	2
		Total								1050	23

CT: Class Test TA: Teacher Assessment

L/T/P: Lecture/ Tutorial/ Practical

SEMESTER-IV

S. No.	Subject Code	Subject Name	Periods			Sessional			ESE	Total	Credit
			L	T	P	CT	TA	Total			
1.		Elective – 3	3	0	0	30	20	50	100	150	3
2.		Elective – 4	3	0	0	30	20	50	100	150	3
3.		Elective – 5	3	0	0	30	20	50	100	150	3
4.	KCA451	Project	-	-	-	-	200	200	500	700	14
		Total								1050	23

CT: Class Test TA: Teacher Assessment

L/T/P: Lecture/ Tutorial/ Practical

** The Mini Project (6 weeks) conducted during summer break after II semester and will be assessed during III semester. The Course will be carried out at the Institute under the guidance of a Faculty Members.

Elective-1	KCA011	Cryptography & Network Security
	KCA012	Data Warehousing & Data Mining
	KCA013	Software Project Management
	KCA014	Cloud Computing
	KCA015	Compiler Design

Elective-2	KCA021	Web Technology
	KCA022	Big Data
	KCA023	Simulation & Modeling
	KCA024	Software Testing & Quality Assurance
	KCA025	Digital Image Processing

ABES Engineering College, Ghaziabad
Department of Computer Applications
Time-Table Odd(Session: 2021-22)

SEM:III

SECTION:A

CLASS COORDINATOR : Ms. Neelam Yadav
ROOM NO.:LT-69

W.E.F.:- 8 Nov ,2021

LECTURE	L1	L2	Break	L3	L4	Break	L5	L6	Break	L7	L8
DAY	8:50-9:40	9:40-10:30	10:30 to 10:40	10:40-11:30	11:30-12:20	12:20-1:10	1:10-2:00	2:00-2:50	2:50 to 2:55	2:55-3:45	3:45-4:35
MONDAY	KCA013 (RKM) LT-68	KCA021 (HJ) LT-69(T)		KCA303(AV)	KCA302(SE)(NY)		KCA353(TKS+RK) Lab-01(A1), Ground Floor	KC Block		Mentor Mentee Meeting	LIB
	KCA014 (NS) LT-69	KCA022 (KD) LT-68(T)					KCA352(NY+JT) Lab-02(A2), Floor	KC Block Ground			
TUESDAY	KCA352(NY+RKM) Lab-03(A1), Ground Floor	KC Block		Full Stack Training (TKS+NS)Lab 3			KCA303(AV)	KCA303(AV)(T)			LIB
	KCA351(JT+SS) Lab-04(A2), Ground Floor	KC Block		Full Stack Training (TKS+AY)Lab 4			KCA013 (RKM) LT-68(T)	KCA301(AI)(JT)	Break	LIB	LIB
WEDNESDAY	KCA021 (HJ) LT-69	KCA302(SE)(NY)	Break				KCA014 (NS) LT-69(T)				
	KCA022 (KD) LT-68						KCA013 (RKM) LT-68	KCA301(AI)(JT)			
THURSDAY	KCA302(SE)(NY)	KCA301(AI)(JT)		KCA021 (HJ) LT-69(T)	KCA303(AV)		KCA013 (RKM) LT-68	KCA302(SE)(NY)(T)		LIB	LIB
	KCA351(JT+RKM) Lab-03(A1), KC Block Ground Floor			KCA022 (KD) LT-68(T)			KCA014 (NS) LT-69				
FRIDAY	KCA353(TKS+ HJ), Lab-04 (A2), KC Block Ground Floor			KCA301(AI)(JT)	KCA301(AI)(JT)(T)		KCA013 (RKM) LT-68	KCA021 (HJ) LT-69(T)		LIB	LIB
							KCA014 (NS) LT-69	KCA022 (KD) LT-68(T)		Mentor Mentee Meeting	LIB

Paper Code	Subject Name	L	T	P	Faculty Name	Initials
KCA301	Artificial Intelligence(AI)	3	1		Ms. Jyoti Thakur	JT
KCA302	Software Engineering(SE)	4	0		Ms. Neelam Yadav	NY
KCA303	Computer Network(CN)	3	1		Dr. Asmita Yadav	AY
KCA013	Software Project Management(SPM)	3	1		Dr. Rajesh Kumar Maurya	RKM
KCA014	Cloud Computing(CC)	3	1		Ms. Nishi Sharma	SS
KCA021	Web Technology(WT)	3	1		Ms. Himani Jain	HJ
KCA022	Big Data	3	1		Ms. Kalpana Dwivedi	KD
KCA351	Artificial Intelligence Lab			4	Ms. Jyoti Thakur+ Dr. Rajesh Kumar Maurya +Ms. Surbhi	JT+RKM+SS
KCA352	Software Engineering Lab			4	Ms. Neelam Yadav+Dr. Rajesh Kumar Maurya+Ms. Jyoti	NY+RKM+JT
KCA353	Mini Project			4	Mr. Tarun Kumar Sharma + Ms. Himani Jain+Mr. Rahul	TKS+HJ+RK
TT301	Full Stack Training			4	Mr. Tarun Kumar Sharma+Dr Asmita Yadav+Ms Nishi	TKS+AY+NS
LR	Logical Reasoning			1		
QA	Quantitative Aptitude			2		
VA+GD PI	Verbal Ability +GD+PI			2		

Over all Class Coordinator(OCC) : Dr. Asmita Yadav



Signature of HoD:
 Name of HoD: Dr. Devendra Kumar

Signature of Time Table Coordinator(s)
 Name of Time Table Coordinator(s) 1) Dr. Rajesh Kr. Maurya , 2) Ms. Nishi Sharma

ABES Engineering College, Ghaziabad
Department of Computer Applications
Time-Table Odd(Session: 2021-22)

SECTION: B
CLASS COORDINATOR : Ms. Nishi Sharma

W.E.F.:- 8 Nov ,2021

SEM: III

LECTURE DAY	L1 8:50-9:40	L2 9:40-10:30	Break 10:30 to 10:40	L3 10:40-11:30	L4 11:30-12:20	Break 12:20-1:10	L5 1:10-2:00	L6 2:00-2:50	Break 2:50 to 2:55	L7 2:55-3:45	L8 3:45-4:35
MONDAY	KCA013 (RKW) LT-68	KCA021 (HJ) LT-69(T)	Break	KCA302(SE)(TKS) LT-68	KCA303(CN)(AY) (T)	Break	KCA301(AI)(SV)	KCA301(AI)(SV)(T)	Break	Mentor Mentee Meeting	LIB
	KCA014 (NS) LT-69	KCA022 (KD) LT-68(T)		KCA303(CN)(AY)	KCA301(AI)(SV)		Full Stack Training (NY+SS) Lab-2, KC Block Ground Floor	LIB			
TUESDAY	KCA302(SE)(TKS) LT-68	KCA302(SE)(TKS) LT-68(T)	Break	Full Stack Training (NY+AY) Lab-4 (B2), KC Block Ground Floor	KCA301(AI)(SV)	Break	KCA013 (RKW) LT-68(T)	KCA303(CN)(AY)	Break	LIB	LIB
WEDNESDAY	KCA021 (HJ) LT-69	KCA301(AI)(SV)					KCA014 (NS) LT-69				
	THURSDAY	KCA352(TKS+AY) Lab-4, (B1), KC Block Ground Floor	KCA351(SV+NS) Lab-3, (B1) Block Ground Floor	Break	KCA302(SE)(TKS) LT-68	KCA302(SE)(TKS) LT-68	Break	KCA013 (RKW) LT-68	KCA303(CN)(AY)	Break	LIB
KCA351(SV+AY) Lab-3, (B2), KC Block Ground Floor		KCA014 (NS) LT-69									
FRIDAY	KCA351(SV+AY) Lab-4 (B2), KC Block Ground Floor	KCA352(TKS+AY) Lab-4 (B2), KC Block Ground Floor	Break	KCA302(SE)(TKS) LT-68	KCA302(SE)(TKS) LT-68	Break	KCA013 (RKW) LT-68	KCA303(CN)(AY)	Break	Mentor Mentee Meeting	LIB
	KCA352(TKS+AY) Lab-4 (B2), KC Block Ground Floor						KCA014 (NS) LT-69				

Paper Code	Subject Name	L	T	P	Initials
KCA301	Artificial Intelligence(AI)	3	1		SV
KCA302	Software Engineering(SE)	4	0		TKS
KCA303	Computer Network(CN)	3	1		AY
KCA013	Software Project Management(SPM)	3	1		RKM
KCA014	Cloud Computing(CC)	3	1		SS
KCA021	Web Technology(WT)	3	1		HJ
KCA022	Big Data(BD)	3	1		KD
KCA351	Artificial Intelligence Lab			4	SV+NS+KD
KCA352	Software Engineering Lab			4	TKS+AY
KCA353	Mini Project			4	NY+AY+SS
TT301	Full Stack Training			4	NY+TT+SS
LR	Logical Reasoning			1	
QA	Quantitative Aptitude			2	
VA+GD+PI	Verbal Ability +GD+PI			2	

Over all Class Coordinator(OCC) : Dr. Nishita Yadav

Signature of HoD:

Name of HoD: Dr. Devenendra Kumar

Signature of Time Table Coordinator(s)

Name of Time Table Coordinator(s) 1) Dr. Raresh Kr. Maurya , 2) Ms. Nishi Sharma