



Veena Goswami <veena@kiit.ac.in>

Re: Proceedings of the Board of Studies meeting of SCA

1 message

Office of The Vice Chancellor, KIIT-DU <vc@kiit.ac.in>

Fri, Aug 7, 2020 at 5:52 PM

To: Registrar KIIT <registrar@kiit.ac.in>

Cc: Veena Goswami <veena@kiit.ac.in>

APPROVED

Kind Regards,

OFFICE of The Vice Chancellor

CHINTAN, Campus-4

Call Office : 8114382201



On Fri, Aug 7, 2020 at 5:01 PM Registrar KIIT <registrar@kiit.ac.in> wrote:

Respected Sir,

The recommendation on the proceedings of the Board of Studies of School of Computer Application on the Course Structure of 2 year MCA program may please be considered and approved.

Regards,

----- Forwarded message -----

From: **Veena Goswami** <veena@kiit.ac.in>

Date: Fri, Aug 7, 2020 at 3:57 PM

Subject: Proceedings of the Board of Studies meeting of SCA

To: Vice Chancellor <vc@kiit.ac.in>, Registrar KIIT <registrar@kiit.ac.in>

Dear Sir,

A meeting of the Board of Studies of School of Computer Applications was held on 7th August 2020 at 10.30 AM to consider and recommend the course structure of MCA 2 year program.

Please find attached the proceedings of the meeting, the recommended course-structure and a snapshot of the online meeting.

This may kindly be approved.

Best regards.

Veena Goswami

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Dr Veena Goswami
Professor and Director
School of Computer Applications
Kalinga Institute of Industrial Technology
Bhubaneswar, 751024.
=====



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Prof. Jnyana Ranjan Mohanty / ଜ୍ଞାନ ରଞ୍ଜନ ମହାନ୍ତି
Professor & Registrar (କୂଳସଚିବ)
Kalinga Institute of Industrial Technology (KIIT) Deemed to be University
(An Institution of Eminence)
Bhubaneswar
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COURSE STRUCTURES

**Master of Computer Applications (MCA)
(2020– 2022)**

**Kalinga Institute of Industrial Technology
(Deemed to be University)**

FIRST SEMESTER (AUTUMN)

THEORY						
SL. NO.	SUBJECT CODE	SUBJECT	L	T	P	CREDITS
01	MC4101	Programming and Data Structures	3	-	-	3
02	MC4103	Computer Organization and Architecture	3	-	-	3
03	MC4105	Discrete Mathematics	3	-	-	3
04	MC4107	Database Management System	3	-	-	3
05	MC4109	Operating Systems	3	-	-	3
PRACTICAL						
06	MC4191	Programming and Data Structures Lab	-	-	4	2
07	MC4193	Database Management System Lab	-	-	4	2
08	MC4195	Soft skills Lab	-	-	2	1
TOTAL			-	-	-	20

SECOND SEMESTER (SPRING)

SL. NO.	SUBJECT CODE	SUBJECT	L	T	P	CREDITS
01	MC4102	Computer Networks	3	-	-	3
02	MC4104	Design and Analysis of Algorithms	3	1	-	4
03	MC4106	Object Oriented Programming	3	-	-	3
04	MC4108	Software Engineering	3	-	-	3
05	MC4112	Artificial Intelligence	3	-	-	3
PRACTICAL						
06	MC4192	Java Lab	-	-	4	2
07	MC4194	Machine Learning Lab	-	-	4	2
08	MC4196	Professional Communication Lab	-	-	2	1
TOTAL			-	-	-	21

THIRD SEMESTER (AUTUMN)

THEORY						
SL. NO.	SUBJECT CODE	SUBJECT	L	T	P	CREDITS
01	MC5101	Big Data Analytics	3	-	-	3
02	MC5103	Information and Cyber Security	3	1	-	4
03	MC5105	Cloud Computing	3	-	-	3
04		Elective -1	3	-	-	3
05		Elective - 2	3	-	-	3
PRACTICAL						
06	MC5191	Data Analytics Lab	-	-	4	2
07	MC5193	Advanced Java Lab	-	-	4	2
TOTAL			-	-	-	20

FOURTH SEMESTER (SPRING)

The entire fourth semester is devoted to practice orientation and training. During the semester students have to undertake compulsory project-oriented training for 120 days and submit a project report based on the work done for evaluation.

SESSIONALS						
SL. NO.	SUBJECT CODE	SUBJECT	L	T	P	CREDITS
01	MC5182	Seminar	-	-	-	6
02	MC5184	Project Work	-	-	-	8
03	MC5186	Viva Voce	-	-	-	4
TOTAL			-	-	-	18

CREDIT DISTRIBUTION				
Semester 1	Semester 2	Semester 3	Semester 4	Total
20	21	20	18	79

ELECTIVES

Elective - 1

- MC5121 - Object Oriented Analysis and Design
- MC5123 - Web Technology
- MC5125 - Natural Language Processing
- MC5127 - Software Testing and Quality Assurance
- MC5129 - Management Support System
- MC5131 - Mobile Applications development

Elective - 2

- MC5141 - Software Project Management
- MC5143 - Computer Graphics
- MC5145 - Soft Computing
- MC5147 - Mobile Computing
- MC5149 - Block Chain Architecture
- MC5151 - Compiler Design