



The ICFAI University, Tripura

Established under section 4(2) of the Institute of Chartered Financial Analysts of India University, Tripura Act. 2004

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Ref:

Date: 21/08/2017

Minutes of the Meeting of the Board of Studies (BOS) held on 21st August 2017 at 10:30 AM in Board Room regarding the programme of BCA in Computer Science and Engineering

Members Present in the meeting -

1. Prof. Biplab Halder, Pro-Vice Chancellor, ICFAI University, Tripura (Chairperson).
2. Dr. P.R. Borthakur (Coordinator, Faculty of Science and Technology, ICFAI University, Tripura).
3. Prof. B.V. Srikanth (HoD, Computer Science and Engineering, ICFAI University, Tripura).
4. Prof. Abhijit Biswas (Internal member, Assistant Professor, Computer Science and Engineering, ICFAI University, Tripura).
5. Dr. T. K. Basu (External member, Retired Professor, IIT Kharagpur), joined through video conferencing.


Agenda -


- I. Modification of syllabus for BCA in Computer Science and Engineering.
- II. Reshuffle of some courses in the course curriculum.
- III. Credit distribution for BCA in Computer Science and Engineering.
- IV. Any other with the approval of the chair.

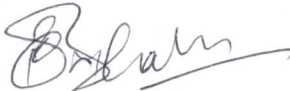
Minutes of meeting -


- I. The chairperson welcomed the members and introduced external BOS member to the board and further internal members introduced themselves.
- II. Chairperson advised the coordinator of FST to proceed with the meeting as per the agendas.
- III. HoD, CSE made a presentation on the proposed curriculum for BCA in CSE and discussed the reshuffling of the courses which need to be introduced in the proposed curriculum.
- IV. It was unanimously resolved that the modification (refer Annexure I) of the syllabus in the existing programme was approved by the members of BOS and it was decided that the said revision will be sent to the Academic Council of the university for the final approval.
- V. It was resolved that the course-specific outcome and program outcome should be well defined and should get integrated into the current syllabus.
- VI. With regards to the number of credits for courses, all members of the board agreed that each theory course offered by the Computer Science and Engineering should be worth 3 credits and each practical course should be worth 2 credits.
- VII. Course codes of a few courses were modified.
- VIII. The meeting got successfully concluded with a Vote of Thanks from the chairperson.


Registrar,
ICFAI University Tripura
Kamalghat, Tripura (West).


Prof. B.V. Srikanth
(HoD, CSE, FST)


Prof. Abhijit Biswas
(Internal Member, CSE, FST)


Dr. P.R. Borthakur
(Co ordinator, FST)


Chairperson
Board of Studies
Computer Science and Engineering
Faculty of Science and Technology
ICFAI University, Tripura


Registrar,
ICFAI University Tripura
Kamalghat, Tripura (West).

Annexure I

Existing Program Structure of BCA up to July 2018
(Program Code – FST007)

First Year											
SEM I					SEM II						
SL No	Course Code	Course Title	L	P	U	SL No	Course Code	Course Title	L	P	U
1	EGL111	English Language Skills I	3	0	3	1	EGL122	English Language Skills II	3	0	3
2	BCAC101T	C Programming	3	0	3	2	MGT122	Fundamentals of Finance & Accounting	3	0	3
3	BCAC101P	C Programming Practical	0	3	2	3	MATH102	Mathematics II	3	0	3
4	MATH101	Mathematics I	3	0	3	4	BCAC103T	Object Oriented Programming through C++	3	0	3
5	MATH111	Probability and Statistics	3	0	3	5	BCAC103P	Object Oriented Programming through C++ Practical	0	3	2
6	MGT102	Principles of Management	3	0	3	6	ECN101	Principles of Economics	3	0	3
7	BCAC102	Computer Organization	3	0	3	7	BCAC104	Information Technology Trends	3	0	3
			Unit=20						Unit=20		
BCAIP101 SUMMER PROJECT-I [Units = 5]											
Second Year											
SEM I					SEM II						
SL No	Course Code	Course Title	L	P	U	SL No	Course Code	Course Title	L	P	U
1	CS325T	Data Communication & Computer Networks	3	0	3	1	SSU244	Soft Skills-I	3	0	3
2	CS325P	Data Communication & Computer Networks Practical	3	0	2	2	BCAC206	Software Engineering	3	0	3
3	CS429T	Web Technologies	3	0	3	3	CS312T	Java Programming	3	0	3
4	CS429P	Web Technologies Practical	0	3	2	4	CS312P	Java Programming Practical	0	3	2
5	CS313T	Operating Systems	3	0	3	5	MATH303	Operations Research	3	0	3
6	CS313P	Operating Systems Practical	0	3	2	6	ENV222	Environmental Studies	3	0	3
7	EGL233	Technical Report Writing	3	0	3	7	CS311T	Database Management Systems	3	0	3
8	BCAC201	System Analysis and Design	3	0	3	8	CS311P	Database Management Systems Practical	0	3	2
9	CS314T	Data Structures & Algorithms	3	0	3						
10	CS314P	Data Structures & Algorithms Practical	0	3	2						
			Unit=26						Unit=22		
Third Year											
SEM I					SEM II						
SL No	Course Code	Course Title	L	P	U	SL No	Course Code	Course Title	L	P	U
1	BCAC304T	Advance Java Programming	3	0	3	1	CS440T	Smartphone Computing and	3	0	3


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							Applications	
2	BCAC304P	Advance Java Programming Practical	0 3 2	2	CS440P	Smartphone Computing and Applications Practical	0 3 2	
3	BCAC305T	Computer Graphics	3 0 3	3	BCAC308	IT Project	6 0 6	
4	BCAC305P	Computer Graphics Practical	0 3 2	4	CSA323T	Compiler Design	3 0 3	
5	CS428	Theory of Computation	3 0 3	5	CSA324T	PHP with MySql	3 0 3	
6	BCAC351T	Windows Applications using Dot Net Technologies	3 0 3	6	CSA324P	PHP with MySql Practical	0 3 2	
7	BCAC351P	Windows Applications using Dot Net Technologies Practical	0 3 2	7	CSA325T	Web Applications using Dot Net Technologies	3 0 3	
8	BCAC352T	Python Programming	3 0 3	8	CSA325P	Web Applications using Dot Net Technologies Practical	0 3 2	
9	BCAC352P	Python Programming Practical	0 3 2	9	CSA326T	Internet of Things	3 0 3	
10		Elective I	3 0 3	10		Elective II	3 0 3	
			Unit=26				Unit=30	

Revised Program Structure of BCA with effect from August 2018									
1st Year	Semester – I				Semester – II				
	Course Code	Course Title	L	P	Course Code	Course Title	L	P	U
	EGL111	English Language Skills I	3	0	EGL122	English Language Skills II	3	0	3
	TA121T	C Programming	3	0	MGT122	Fundamentals of Finance & Accounting	3	0	3
	TA121P	C Programming Practical	0	3	MATH102	Mathematics II	3	0	3
	MATH101	Mathematics I	3	0	CS212T	Object Oriented Programming through C ++	3	0	3
	MATH111	Probability and Statistics	3	0	CS212P	Object Oriented Programming through C ++ Practical	0	3	2
	MGT102	Principles of Management	3	0	ECN101	Principles of Economics	3	0	3
	BCAC104	Information Technology Trends	3	0	CS314T	Data Structures & Algorithms	3	0	3
					CS314P	Data Structures & Algorithms Practical	0	3	2
			Unit=20					Unit=22	
BCAIP101 SUMMER PROJECT-I [Units = 5]									
2nd Year	Semester – I				Semester – II				
	Course Code	Course Title	L	P	Course Code	Course Title	L	P	U
	CS325T	Data Communication & Computer Networks	3	0	SSU244	Soft Skills-I	3	0	3
	CS325P	Data Communication & Computer Networks Practical	3	0	CS429T	Web Technologies	3	0	3
	CS311T	Database Management Systems	3	0	CS429P	Web Technologies Practical	0	3	2
CS311P	Database Management Systems Practical	0	3	BCAC206	Software Engineering	3	0	3	


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	CS313T	Operating Systems	3	0	3		CS312T	Java Programming	3	0	3
	CS313P	Operating Systems Practical	0	3	2		CS312P	Java Programming Practical	0	3	2
	EGL233	Technical Report Writing	3	0	3		MATH303	Operations Research	3	0	3
	BCAC201	System Analysis and Design	3	0	3		ENV222	Environmental Studies	3	0	3
	CS323	Computer Organization and Architecture	3	0	3						
			Unit=24						Unit=22		
BCAIP201 SUMMER PROJECT-II [Units = 5]											
3rd Year	Semester – I, 2021-22					-	Semester – II, 2021-22				
	Course Code	Course Title	L	P	U	Course Code	Course Title	L	P	U	
	CS428	Theory of Computation	3	0	3	MCIC306T	Multimedia Systems	3	0	3	
	MIS306	Management Information Systems	3	0	3	MCIC306P	Multimedia Systems Practical	0	3	2	
	BCAC304T	Advance Java Programming	3	0	3	MCIC309	Mini Information Technology Project	6	0	6	
	BCAC304P	Advance Java Programming Practical	0	3	2	ES209	Digital Electronics and Micro Processors	3	0	3	
	CS424T	Network Security	3	0	3	CSA323T	Compiler Design	3	0	3	
	CS424P	Network Security Practical	0	3	2	CS440T	Smartphone Computing and Applications	3	0	3	
	BCAC352T	Python Programming	3	0	3	CS440P	Smartphone Computing and Applications Practical	0	3	2	
	BCAC352P	Python Programming Practical	0	3	2	CSA325T	Web Applications using Dot Net Technologies	3	0	3	
	BCAC351T	Windows Applications using Dot Net Technologies	3	0	3	CSA325P	Web Applications using Dot Net Technologies Practical	0	3	2	
	BCAC351P	Windows Applications using Dot Net Technologies Practical	0	3	2	CSA326T	Internet of Things	3	0	3	
			Unit=26						Unit=30		


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