



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY KALYANI
(An Institute of National Importance)

Autonomous institution under MHRD, Govt. of India
WEBEL IT Park Campus, Kalyani -741 235,
West Bengal, Website : www.iiitkalyani.ac.in

Subjects (Theory and Lab Classes) Distribution for Spring Semester, 2019

26.12.2018

4 th Year (Semester: VIII)							
Theoretical Papers						Faculty Name	
Sl No.	Code No.	Subject	Credits				Total class/Week
			L	T	P		
1	CS 801	Graph Theory	3	0	0	3	Dr. Sanjoy Pratihar
2	CS 802	Artificial Intelligence	3	0	0	3	Dr. Sanjay Chatterji
3	*	Elective- IV	3	0	0	3	
4	*	Elective- V	3	0	0	3	
5	CS 831	Open Elective (Cognitive Science)	3	0	0	3	Dr. Aruna Chakraborty (GF)
Sessional Papers							
6	CS 811	Comprehensive Viva	0	0	3	Nil	All faculty members
7	CS 812	Project - II	0	0	6	Nil	All faculty members
Total			15	0	9		
Total Credits			24				

*** 4th Year Electives**

Paper Code	Subject	Credit			Total class/Week	Faculty Name
		L	T	P		
CS 822	Digital Image Processing	3	0	0	3	Dr. Oishila Bandopadhyay
CS 824	Geographic Information Systems	3	0	0	3	Dr. Uma Das
CS 825	Information & Coding Theory	3	0	0	3	Dr. Debashish Bera

3 rd Year (Semester: VI)							Faculty Name
Theoretical Papers							
Sl No.	Code No.	Subject	Credits			Total class load/ Week	
			L	T	P		
1	CS 601	Compiler Design	3	0	0	3	Prof. Goutam Biswas (GF)
2	CS 602	Database Management System	3	0	0	3	Dr. Imon Mukherjee
3	CS 603	Computer Networks	3	1	0	4	Dr. Debasish Bera
4	CS 621	Elective – I (Graph Theory)	3	0	0	3	Dr. Sanjoy Pratihar
5	CS 622	Elective – II (Natural Language Processing)	3	0	0	3	Dr. Tirthankar Dasgupta (GF)
6	HU 601	Humanities (Values & Ethics in Profession)	3	0	0	3	Dr. Aruna Chakroborty
Sessional Papers							
7	CS 611	Compiler Design Lab	0	0	2	3	Dr. Sanjay Chatterji/ Prof. Goutam Biswas (GF) Biswajit Haldar (TA) Amit Shadhukhan (TA)
8	CS 612	Database Management System Lab	0	0	2	3	Dr. Imon Mukherjee Md Samim Rahaman (TA) Biswajit Haldar (TA)
9	CS 613	Computer Networks Lab	0	0	2	3	Dr. Debashish Bera Md Samim Rahaman (TA) Biswajit Haldar (TA)
10	CS 614	Project – II	0	0	3	Nil	
Total			15	1	9		
Total Credits			25				

2 nd Year (Semester: IV)							Faculty Name
Theoretical Papers							
Sl No.	Code No.	Subject	Credits			Total class/ Week	
			L	T	P		
1	MA 401	Mathematics - IV (Numerical Methods)	3	1	0	4	Dr. Anirban Lakshman
2	CS 401	Operating Systems	3	0	0	3	Dr. Bhaskar Biswas
3	CS 402	Object Oriented Programming (JAVA)	3	0	0	3	Dr. Oishila Bandopadhyay
4	EC 401	Data Communication	3	0	0	3	Dr. Dalia Nandi
5	EC 402	Signals and Systems	3	0	0	3	Dr. Tamal Ghosh
Sessional Papers							
6	CS 411	Operating Systems Lab	0	0	2	3	Dr. Bhashkar Biswas Sreejoyee Das & Biswajit Haldar (TA)
8	CS 412	Object Oriented Programming (JAVA) Lab	0	0	2	3	Dr. Oishila Bandopadhyay/ Dr. Sanjoy Pratihar Md Samim Rahaman & Sreejoyee Das (TA)
9	CS 413	IT Workshop – II (SciLab)	0	0	2	3	Dr. Anirban Lakshman Md Samim Rahaman & Sreejoyee Das (TA)
Total			16	0	6		
Total Credits			22				

1 st Year (Semester: II)							Faculty Name
Theoretical Papers							
Sl No.	Code No.	Subject	Credits			Total class/ Week	
			L	T	P		
1	CS 201	Data Structure and Algorithms	3	1	0	4	Dr. SK. Hafizul Islam
2	MA 201	Mathematics – II (Probability and Statistics)	3	1	0	4	Dr. Uma Das
3	MA 202	Discrete Mathematics	3	1	0	4	Dr. Goutam Kumar Paul (GF)
4	EC 201	Digital Electronics	3	0	0	3	Dr. Tamal Ghosh/ Dr. Dalia Nandi
5	HU 201	Humanities (Economics)	3	0	0	3	Dr. Pradipta Bhattacharya (GF)
Sessional Papers							
6	CS 211	Data Structure and Algorithms Lab	0	0	2	3	Dr. SK. Hafizul Islam Amit Sadhukhan & Sreejoyee Das (TA)
7	EC 211	Digital Electronics Lab	0	0	2	3	Dr. Tamal Ghosh/ Dr. Dalia Nandi Amit Shadhukhan & Sreejoyee Das (TA)
8	HU 211	Environmental Science and Practices	1	0	1	3	Dr. Uma Das Amit Sadhukhan (TA)
Total			16	3	5		
Total Credits			24				

Sd/- Dr. Imon Mukherjee
Faculty Coordinator
&
Faculty in-Charge, Academics,
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