



BIRLA INSTITUTE OF TECHNOLOGY

Ranchi, Jharkhand 835215

EXAMINATION DEPARTMENT

CAREER : POST GRADUATE

ROLL NO : IMH/10032/19

NAME OF STUDENT : KANAK RAJ

BRANCH : INTEGRATED MASTER OF SCIENCE (MATHEMATICS AND COMPUTING)

PROGRAMME ENROLLMENT MONTH : Jul 2019

SPECIALIZATION : (MATHEMATICS AND COMPUTING)

COURSE	COURSE TITLE	CREDIT(S)	GRADE	POINTS	SEM REG	ATTEMPTS	COURSE	COURSE TITLE	CREDIT(S)	GRADE	POINTS	SEM REG	ATTEMPTS
MC104	CREATIVE ARTS	1.00	B	8.00	MO 2019	1	MA311	NUMERICAL TECHNIQUES	4.00	A	36.00	SP 2022	1
CH111	CHEMISTRY -I	4.00	A	36.00	MO 2019	1	CS301	DATABASE MANAGEMENT SYSTEM	3.00	B	24.00	SP 2022	1
CH112	CHEMISTRY -I-LAB	1.50	A	13.50	MO 2019	1	MA316	STATISTICS QUALITY CONTROL AND RELIABILITY	4.00	A+	40.00	SP 2022	1
MA101	CALCULUS -I	4.00	C	28.00	MO 2019	1	CS325	DATABASE MODELING	3.00	A	27.00	SP 2022	1
MA102	REAL ANALYSIS	4.00	C	28.00	MO 2019	1	MA310	OPTIMIZATION TECHNIQUES LAB	1.50	B	12.00	SP 2022	1
MA109	MATRIX THEORY	4.00	B	32.00	MO 2019	1	MA312	NUMERICAL TECHNIQUES LAB	1.50	A+	15.00	SP 2022	1
MT123	BUSINESS COMMUNICATIONS	3.00	C	21.00	MO 2019	1	CS302	DATABASE MANAGEMENT SYSTEM LAB	1.50	A+	15.00	SP 2022	1
CE101	ENVIRONMENTAL SCIENCE	2.00	B	16.00	SP 2020	1	MA401	REAL ANALYSIS AND MEASURE THEORY	4.00	B	32.00	MO 2022	1
CS101	PROGRAMMING FOR PROBLEM SOLVING	4.00	A+	28.00	SP 2020	1	MA402	ADVANCED COMPLEX ANALYSIS	4.00	A+	40.00	MO 2022	1
CS102	PROGRAMMING FOR PROBLEM SOLVING LAB	1.50	A+	15.00	SP 2020	1	CA 603	SYSTEM SIMULATION AND MODELING	3.00	A	27.00	MO 2022	1
MA105	CALCULUS II	4.00	C	28.00	SP 2020	1	CA505	SOFTWARE ENGINEERING	4.00	A+	40.00	MO 2022	1
MA106	ORDINARY DIFFERENTIAL EQUATIONS	4.00	A+	40.00	SP 2020	1	CA532	DATA MINING AND WAREHOUSING	3.00	B	24.00	MO 2022	1
MA110	COMPLEX ANALYSIS	4.00	A+	40.00	SP 2020	1	CA506	SOFTWARE ENGINEERING LAB	1.50	A	13.50	MO 2022	1
PH109	PHYSICS I	4.00	A	36.00	SP 2020	1	MA406	FUZZY MATHEMATICAL PROGRAMMING	3.00	B	24.00	MO 2022	1
MC108	CREATIVE ARTS	1.00	B	8.00	SP 2020	1	IT570	BASICS OF PYTHON PROGRAMMING	3.00	A	27.00	MO 2022	1
PH110	PHYSICS-I LAB	1.50	A	13.50	MO 2020	1	MA412	TOPOLOGY	4.00	A	36.00	SP 2023	1
CS502	DATA STRUCTURE-LAB	1.50	A	13.50	MO 2020	1	MA419	MATHEMATICAL ECOLOGY	3.00	A+	30.00	SP 2023	1
MA201	PARTIAL DIFFERENTIAL EQUATIONS	4.00	A	36.00	MO 2020	1	MA413	STOCHASTIC PROCESSES AND SIMULATION	3.00	A+	30.00	SP 2023	1
MC204	CREATIVE ARTS	1.00	D	6.00	MO 2020	1	MA414	ADVANCED OPERATION RESEARCH	4.00	C	28.00	SP 2023	1
CS201	DATA STRUCTURES	4.00	A	36.00	MO 2020	1	CA559	DATA COMMUNICATION AND COMPUTER NETWORKS	4.00	A+	40.00	SP 2023	1
MA202	MODERN ALGEBRA	4.00	A+	40.00	MO 2020	1	MA415	ADVANCED OPERATION RESEARCH LAB.	1.50	A+	15.00	SP 2023	1
MA208	INTEGRAL TRANSFORMS AND ITS APPLICATIONS	4.00	B	32.00	MO 2020	1	CA560	DATA COMMUNICATION AND COMPUTER NETWORKS LAB.	1.50	A+	15.00	SP 2023	1
PH112	PHYSICS-II LAB	1.50	A	13.50	MO 2020	1	BT429	CONCEPT IN NANOTECHNOLOGY	3.00	B	24.00	SP 2023	1
PH111	PHYSICS - II	4.00	A	36.00	MO 2020	1							
MC208	CREATIVE ARTS	1.00	D	6.00	SP 2021	1							
MA205	DISCRETE MATHEMATICS	4.00	B	32.00	SP 2021	1							
MA206	LINEAR ALGEBRA	4.00	A	36.00	SP 2021	1							
CH213	CHEMISTRY-II	4.00	A	36.00	SP 2021	1							
CH214	CHEMISTRY II LAB	1.50	A	13.50	SP 2021	1							
CS204	OBJECT ORIENTED PROGRAMMING AND DESIGN PATTERN	3.00	A	27.00	SP 2021	1							
CS205	OBJECT ORIENTED PROGRAMMING AND DESIGN PATTERN LAB	1.50	A	13.50	SP 2021	1							
MA209	INTEGRAL EQUATIONS AND GREENS FUNCTION	4.00	A+	40.00	SP 2021	1							
MA301	PROBABILITY AND STATISTICS	4.00	A	36.00	MO 2021	1							
MA303	FUZZY LOGIC	4.00	A+	40.00	MO 2021	1							
CS 206	DESIGN AND ANALYSIS OF ALGORITHM	3.00	A	27.00	MO 2021	1							
CS310	FORMAL LANGUAGES & AUTOMATA THEORY	3.00	A+	30.00	MO 2021	1							
MA 302	PROBABILITY AND STATISTICS LAB	1.50	A+	15.00	MO 2021	1							
CS 207	DESIGN AND ANALYSIS OF ALGORITHM LAB	1.50	A+	15.00	MO 2021	1							
MA308	DIFFERENCE EQUATIONS	3.00	B	24.00	MO 2021	1							
MA305	Graph Theory	4.00	A+	40.00	MO 2021	1							
MA309	OPTIMIZATION TECHNIQUES	4.00	A	36.00	SP 2022	1							

CREDITS CREDITED : 193.50

POINTS OBTAINED : 1709.50

C.G.P.A. : 8.83

% OF MARKS IN AGGREGATE : 88.30

CLASS : INCOMPLETE

MO : Monsoon

SP : Spring

SS : Short Semester

SM : Special Makeup Exam

Dr. S.N. : M.A. Collegiate

Note: Course which are prefixed with asterisk (*) are not passed.

M : Minor

Controller of Examinations

Prepared By

Checked By

Birla Institute of Technology
Ranchi-835215 (Ranchi) India
Controller of Examinations

GENERAL INFORMATION

1. Monsoon Semester = (Mid July to Mid Dec.) of 5 months
Spring Semester = (Jan. to May) of 5 months
Short (Summer) Semester = (June to Mid July) 1.5 months
2. To qualify for the degree of IMSC a students should earn a minimum credit of Mathematics & Computing (224), Physics (225), Chemistry (226), and Food Technology (225).
3. Exit students after completion of 6th semester students should earn a minimum credit of Mathematics & Computing (144), Physics (145), Chemistry (146), and Food Technology (145).
4. To qualify for the degree of IMBA/IMCA a students should earn a minimum of 212/195 credit and for exit students after completion of 6th semester minimum credit of 132.
5. The academic performance of a student is indicated by a letter grade system in the 10 Point scale.
6. Each of the letter grade earns the points as under:

Marks	Grade	Grade Point	Remarks
90 and above	A+	10	Superlative
80 to 89	A	9	Outstanding
70 to 79	B	8	Excellent
60 to 69	C	7	Very Good
50 to 59	D	6	Good
40 to 49	E	5	Pass
Less than 40	F	0	Fail

7. Full Marks for per Course = 100
8. To earn academic credit in a subject, a student should get grading of E or above for UG.(BSC)
To earn academic credit in a subject, a student should get grading of D or above for PG.(IMSC)
9. CGPA (Cumulative Grade Point Average) = $\frac{\text{Aggregate of Points obtained in all Sem.}}{\text{Total No. of Credit taken}}$
CGPA is rounded all to 2nd decimal place.
10. Conversion of CGPA into percentage marks : Percentage marks = CGPA x 10.
11. The class / division to a successful graduating IMSC student is awarded on the basis of:
(i) CGPA of 7.00 to 10.00 = First Class
(ii) CGPA of 6.00 to 6.99 = Second Class
12. The class / division to a successful graduating IMSC Exit Student (up to 6th semester): Bachelor of Science is awarded on the basis of:
(i) CGPA of 7.5 to 10.00 = First Class with Distinction (Only single attempt)
(ii) CGPA of 6.00 to 7.49 = First Class
(iii) CGPA of 5.00 to 5.99 = Second Class
(iv) CGPA of 0.00 to 4.99 = Incomplete