



# 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)

SPECIALIZATION : (MATHEMATICS AND COMPUTING)

PROGRAMME ENROLLMENT MONTH : JUL 2019

COURSE	COURSE TITLE	CREDITS	GRADE	POINTS	SEM REG	ATTEMPTS	COURSE	COURSE TITLE	CREDITS	GRADE	POINTS	SEM REG	ATTEMPTS
MC101	CREATIVE ARTS	1.00	B	8.00	MO 2019	1	CS301	DATABASE MANAGEMENT SYSTEM	3.00	B	24.00	SP 2022	1
CH111	CHEMISTRY - I	4.00	A	36.00	MO 2019	1	MA16	STATISTICS QUALITY CONTROL AND RELIABILITY	4.00	A+	40.00	SP 2022	1
CH127	CHEMISTRY - I LAB	1.50	A	13.50	MO 2019	1	CS325	DATABASE MODELLING	3.00	A	27.00	SP 2022	1
MA101	CALCULUS - I	4.00	C	28.00	MO 2019	1	MA310	OPTIMIZATION TECHNIQUES LAB	1.50	B	12.00	SP 2022	1
MA102	REAL ANALYSIS	4.00	C	28.00	MO 2019	1	MA312	NUMERICAL TECHNIQUES LAB	1.50	A+	15.00	SP 2022	1
MA109	MATRIX THEORY	4.00	B	32.00	MO 2019	1	CS302	DATABASE MANAGEMENT SYSTEM LAB	1.50	A+	15.00	SP 2022	1
MT122	BUSINESS COMMUNICATIONS	3.00	C	21.00	MO 2019	1	CS303	OPERATING SYSTEMS	3.00	B	24.00	SP 2022	1
CS101	ENVIRONMENTAL SCIENCE	2.00	B	16.00	SP 2020	1							
CS102	PROGRAMMING FOR PROBLEM SOLVING	4.00	C	28.00	SP 2020	1							
MA105	CALCULUS II	4.00	A+	40.00	SP 2020	1							
MA106	ORDINARY DIFFERENTIAL EQUATIONS	4.00	C	28.00	SP 2020	1							
MA110	COMPLEX ANALYSIS	4.00	A+	40.00	SP 2020	1							
PH109	PHYSICS I	4.00	A+	40.00	SP 2020	1							
MC108	CREATIVE ARTS	1.00	B	8.00	SP 2020	1							
PH110	PHYSICS - I LAB	1.50	A	13.50	SP 2020	1							
CS202	DATA STRUCTURE LAB	1.50	A	13.50	SP 2020	1							
MA201	PARTIAL DIFFERENTIAL EQUATIONS	4.00	A	36.00	MO 2020	1							
MC204	CREATIVE ARTS	1.00	D	6.00	MO 2020	1							
CS201	DATA STRUCTURES	4.00	A	36.00	MO 2020	1							
MA202	MODERN ALGEBRA	4.00	A+	40.00	MO 2020	1							
MA208	INTEGRAL TRANSFORMS AND ITS APPLICATIONS	4.00	B	32.00	MO 2020	1							
PH112	PHYSICS - II LAB	1.50	A	13.50	MO 2020	1							
PH113	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							
CE205	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							
MA201	PROBABILITY AND STATISTICS	4.00	A	36.00	MO 2021	1							
MA303	FUZZY LOGIC	4.00	A+	40.00	MO 2021	1							
CS206	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							
MA302	PROBABILITY AND STATISTICS LAB	1.50	A+	15.00	MO 2021	1							
CS307	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							
MA309	Graph Theory	4.00	A	40.00	MO 2021	1							
MA309	OPTIMIZATION TECHNIQUES	4.00	A	36.00	SP 2022	1							
MA311	NUMERICAL TECHNIQUES	4.00	A	36.00	SP 2022	1							

CREDITS CREDITED : 144.00

POINTS OBTAINED : 1264.00

C.G.P.A. : 8.78

% OF MARKS IN AGGREGATE : 87.80

CLASS : INCOMPLETE

MO : Monsoon

SP : Spring

SS : Short Semester

SM : Special Makeup Exam

NC : Non Collegiate

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

M : Minor

S : Specialization

Prepared By

Checked By

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## GENERAL INFORMATION

1. Abbreviation used in the transcript stand for :

NCC	=	Training in National Cadet Corps
NSS	=	Training in National Social Service
CA	=	Creative Arts
PT & Games	=	Physical Training and Games
2. 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
3. IMSC Exit students after completion of 6<sup>th</sup> semester students should earn a minimum credit of Mathematics & Computing (144), Physics (145), Chemistry (146), and Food Technology (145).
4. The academic performance of a student is indicated by a letter grade system in the 10 Point scale.
5. Each of the letter grade earns the points as under :

Grade for Credit Course			
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
6. Full Marks for per Course = 100
7. To earn academic credit in a subject, a student should get grading of E or above.
8. 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 2<sup>nd</sup> decimal place.
9. Conversion of CGPA into percentage marks: Percentage marks = CGPA x 10.
10. The class / division to a successful graduating student is awarded on the basis of :
  - (a) First Class with Distinction will be awarded to those successfully completing all their courses in only one attempt with final CGPA of 7.5 or above.
  - (b) First Class will be awarded to students with CGPA of 6.00 or above.
  - (c) Second Class will be awarded to students with CGPA in the range 5.00 to 5.99.

\*\*\* 2018 Batch Onwards \*\*\*