

Name	Ananth S
Roll Number	IMT2016129
Daughter / Son of	Shreekumar

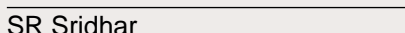
Programme Name	Integrated Master of Technology
Branch	Computer Science and Engineering
Specialization	

Medium of Instruction	English
Admission Year	2016
Date of Birth	09/03/1998

Course Code	Course Name	Credit	Grade	Course Code	Course Name	Credit	Grade	Course Code	Course Name	Credit	Grade	Course Code	Course Name	Credit	Grade
Term I [2016-17]				Term II [2016-17]				Term I [2019-20]				Term II [2019-20]			
BS 102	Chemistry	3	A	EG 101	Computer Networks	4	A-	CS 604	Artificial Intelligence	4	A	CS/DS 815	Topological Data Analysis	4	A
BS 104	Mathematics - 1	4	A	EG 102	Data Structures and Algorithms	4	A	DS/SP 826	Deep Learning for Automatic Speech Recognition	4	A	CS/SP 829	Natural Language Processing	4	A
ES 102	Programming I	4	A	EG 102P	Data Structures Lab	2	A	DS/SP 856	Reinforcement Learning	4	A	CS 816	Software Production Engineering	4	A
HSS 101	Economics	4	A-	ESS 102	Digital Design	4	A	DS 902	Reading Elective	4	A	CS 902	Reading Elective	4	A
OT 101	Physical Education 1	0	P	GEN 201	Technical Communication	2	A-	DT 306	Privacy in the Digital Age	4	A	DS 603	Data Modeling	4	A
OT 103	English	2	A	SM 102	Mathematics - 2	4	A-								
SM 297A	Special Topics: Bio Chemistry and current trends in biology	1	A												
SGPA	3.93	Total Credits	18	SGPA	3.85	Total Credits	20	SGPA	4.0	Total Credits	20	SGPA	4.0	Total Credits	20
Term I [2017-18]				Term II [2017-18]				Term I [2020-21]							
CS 201	Discrete Mathematics	4	A-	CS 202	Design and Analysis of Algorithms Tutorial	4	A-	IP 901/20	Project	20	A				
EG 201	Computer Architecture	3	A	ESS 103	Signals and Systems	4	A								
EG 201P	Computer Architecture Lab	1	A	HSS 103	History of Ideas	4	A-								
ESS 201	Programming II	4	B+	SM 202	Mathematics - 4	4	A								
SM 201	Mathematics - 3	4	A	SM 204	Physics-2	3	A								
SM 203	Physics - 1	3	A-	SM 204P	Physics-2 Lab	1	A								
SM 203P	Physics Lab - 1	1	B+					SGPA	4.0	Total Credits	20				
SGPA	3.74	Total Credits	20	SGPA	3.88	Total Credits	20	Cumulative Grade Point Average (CGPA): 3.92 / 4.00				Total Credits: 181			
Term I [2018-19]				Term II [2018-19]				For Office Use							
CS 301	Database Systems	3	A	CS/DS 817	Optimization, Learning and Cognition	4	A	Date: 28-Jan-2021				SR Sridhar Commodore (Retd) Registrar			
CS 301P	Database Lab	1	A	CS 306	Programming Languages	3	A								
CS 302	Introduction to Automata Theory & Computability	4	A	DS/SP 823	Automatic Speech Recognition	4	A								
CS 303	Software Engineering	3	A	EG 301	Operating Systems	3	A								
CS 303P	Software Engineering Lab	1	A	EG 301P	Operating Systems Lab	1	A								
GEN 511	Machine Learning	4	A	HSS 106	Digital Sociology	4	B+								
GEN 512	Mathematics for Machine Learning	4	A	SP 825	Visual Recognition	4	A								
SGPA	4.0	Total Credits	20	SGPA	3.89	Total Credits	23								

Cumulative Grade Point Average (CGPA): 3.92 / 4.00

Total Credits: 181

For Office Use	
Date: 28-Jan-2021	<div style="text-align: center;">  SR Sridhar Commodore (Retd) Registrar </div>

Transcript Notes

1. IIITB follows a 4-point grading scheme. Students are awarded Letter grades in courses as shown in the table below. The grade point equivalent of the letter is also shown in the table.

Letter Grade	A	A-	B+	B	B-	C+	C	D	F	S	P
Grade Points	4.0	3.7	3.4	3.0	2.7	2.4	2.0	1.0	0.0	0.0	0.0
Description	Excellent		Good			Satisfactory		Poor	Failure	Satisfactory	Pass

S: Satisfactory X: Unsatisfactory I: Incomplete P: Pass

2. Cumulative Grade Point Average (CGPA) is the average of the grade points obtained by the student weighted by the credits associated in each of the courses taken by the student. If the grade points awarded to a student are G_1, G_2 , etc. In the courses with corresponding credits U_1, U_2 , etc, the CGPA is given by

$$CGPA = \frac{U_1 * G_1 + U_2 * G_2 + \dots}{U_1 + U_2 + \dots}$$

3. The minimum Cumulative Grade Point Average (CGPA) required for a student to graduate is 2.4.

4. If a student repeats a course, both the old grade and new grade are shown in the transcript with appropriate annotation indicating reasons like:

* = *Repeated*, \$ = *Substitute*, # = *Grade Improvement*

5. An academic Year is comprised of three terms: *Term I* (August - November), *Term II* (Jan - April), *Summer* (June - July). First year M.Tech. students have an additional *Preparatory Term* of 3 weeks duration in the month of July.
6. IIITB does not prescribe any formula for conversion of CGPA into equivalent percentage or any other scale.

Course Category Prefix Information

Course	Category
SM	Mathematics and Basic Science
CC	Information Technology Core
CS	Computer Science
DS	Data Science
DT	Digital Society
ESS	Basic Engineering Science / Skills
EG	Engineering Core
GEN	General Skills

Course	Category
ESD	Electronics Systems Design
HSS	Humanities and Social
ITD	IT in Domains
NC	Networking & Communication
OT	Others
SE	Software Engineering
SP	Signal Processing and Pattern Recognition

Term Calendar Information

Term	Calendar
Term I	August - December
Term II	January - May
Term III	June - July