

<b>Name</b>	Sunkam Ramaprasad Satvik
<b>Roll Number</b>	IMT2016008
<b>Daughter / Son of</b>	RAMA PRASAD

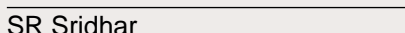
<b>Programme Name</b>	Integrated Master of Technology
<b>Branch</b>	Computer Science and Engineering
<b>Specialization</b>	

<b>Medium of Instruction</b>	English
<b>Admission Year</b>	2016
<b>Date of Birth</b>	21/05/1998

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/DS 732	Data Visualization	4	A	CS 816	Software Production Engineering	4	A-		
BS 104	Mathematics - 1	4	A	EG 102	Data Structures and Algorithms	4	A	CS 901	Project Elective	4	A	CS 902	Reading Elective	4	A		
ES 102	Programming I	4	A	EG 102P	Data Structures Lab	2	A	CS 902	Reading Elective	4	A	DS 603	Data Modeling	4	A		
HSS 101	Economics	4	A	ESS 102	Digital Design	4	A	DT 306	Privacy in the Digital Age	4	A	VL 813	Real Time Operating Systems	4	A		
OT 101	Physical Education 1	0	P	GEN 201	Technical Communication	2	A	SE 701	Design Patterns and Enterprise System Development	4	A	VL 818	Virtual Machines	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	3.9	Total Credits	18	SGPA	4.0	Total Credits	20	SGPA	4.0	Total Credits	20	SGPA	3.94	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	B+										
ESS 201	Programming II	4	A	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	A					SGPA	4.0	Total Credits	20						
SGPA	3.92	Total Credits	20	SGPA	3.8	Total Credits	20	Cumulative Grade Point Average (CGPA): 3.94 / 4.00								Total Credits: 181	
Term I [2018-19]				Term II [2018-19]				For Office Use									
CS 301	Database Systems	3	A-	CS 306	Programming Languages	3	A	Date: 13-Jan-2021									
CS 301P	Database Lab	1	A	CS 606	Computer Graphics	4	A										
CS 302	Introduction to Automata Theory & Computability	4	A	DS 901	Project Elective	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 105	Ethics	4	A	SR Sridhar Commodore (Retd)									
GEN 512	Mathematics for Machine Learning	4	A-	SP 825	Visual Recognition	4	A										
SGPA	3.89	Total Credits	20	SGPA	4.0	Total Credits	23	Registrar									

**Cumulative Grade Point Average (CGPA): 3.94 / 4.00**

**Total Credits: 181**

For Office Use	
Date: 13-Jan-2021	<div style="text-align: center;">   <b>SR Sridhar</b>  <b>Commodore (Retd)</b>    <b>Registrar</b> </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