

Ajay Ramesh Ranganathan

IMT2017502

Name

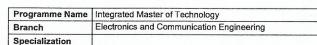
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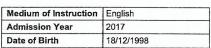
# International Institute of Information Technology Bangalore

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Daughter /	Son of	Ramesh Ranganathan					S	pecialization	on
Course Co	de	Course Name	Credit	Grade	Course Cod	e Course	Name	Credi	t Grade
Term   [201	7-18]	<b>在</b> 的是独独的开始。			Term II [201	7-18]		1.154.154	
ESS 101	Progra	amming I	4	В	EG 101	Computer Netwo	rks	4	B+
GEN 101	Englis	h	2	A-	EG 102	Data Structures a	and	4	B-
GEN 102	Physic	cal Education 1	0	P		Algorithms			
HS 101	Econo	mics	4	B-	EG 102P	Data Structures I	_ab	2	B+
SM 101	Chem	istry	3	B-	ESS 102	Digital Design		4	Α
SM 103	Mathe	matics - 1	4	B-	GEN 201	Technical Comm	unication	2	B+
					SM 101P	Computational C	hemistry	1	A-
					SM 102	Mathematics - 2		4	B+
SGPA	2.88	Total Credits	s 17		SGPA	3.39	Total Cre	edits 21	
Term I [201	8-19]	- <b>13</b> 1-12	10/10	14.9	Term II [201	8-19]			
EC 201	Basic	Electronics	2	Α	EC 202	Electronic Device	s and Ci	rcuits 3	A-
EC 201P	Electro	onics Lab	2	Α					
EG 201	Comp	uter Architecture	3	A-	EC 202P	Electronic Device	es and Ci	rcuits 1	Α
EG 201P	Comp	uter Architecture Lab	1	A-	F00 400				
ESS 201	Progra	mming II	4	A-	ESS 103	Signals and Syste	ems	4	B+
SM 201	Mathe	matics - 3	4	С	HSS 103	History of Ideas		4	A-
SM 203	Physic	s - 1	. 3	В	SM 202	Mathematics - 4		4	В
SM 203P	Physic	s Lab - 1	1	A-	SM 204	Physics-2		3	В
					SM 204P	Physics-2 Lab		1	A-
SGPA	3.31	Total Credits	20		SGPA	3.41	Total Cre	dits 20	
Term I [201	9-20]	数4000000000000000000000000000000000000	為可持		Term II [201	9-20]			Table.
EC 302		rocessors and ontrollers	3	A-	DS/SP 823	Automatic Speed	h Recogr	nition 4	A-
EC 302P		rocessors and	1	B+	EC 306	Digital Communic	cation	3	Α
		ontrollers Lab			EC 306P	Digital Communic	ation Lab	1	Α
EC 303	Princip System	les of Communication	3	A	EG 301	Operating System	ns	3	A-
EC 303P	,	les of Communication	1	Α	EG 301P	Operating System	ns Lab	1	A-
20 0001	Systen			^	HSS 106	Digital Sociology		4	Α
						Internet of Things		4	Α
EC 304	Signal	Processing	3	Α	812				
GEN 511	Machir	ne Learning	4	A-	CD 935	Viewal Danas W			
GEN 512	Mather Learnin	matics for Machine	4	B+	SP 825	Visual Recognitio	n	4	Α-
SGPA	3.73	Total Credits	19		SGPA	3.85	Total Cre	dits 24	
							tur 010		/

Course Co	de Course Name	Credi	t Grade	Course Co	ode	Course Name	Credit	Grade
Term I [202	0-21]			Term II [2	020-21]			
Al 901	Project Elective	4	Α	Al 901	Project	Elective	4	Α
CS 604	Artificial Intelligence	4	Α	DT 295	Readin	g Elective	4	Α
DT 313	Technology Ethics & Artificial Intelligence	4	Α	NC 824	Cyber Security Fundamentals with Tools & Techniques for		4	В
EC 305	Control theory	3	Α		Defenc	e		
VL 503	Digital CMOS VLSI Design	4	B+	NC 863		nentals of Radar g - Lecture	4	Α
				VL 813	Real Ti	me Operating Systems	4	Α
SGPA	3.87 Total Credits	19		SGPA	3.8	Total Credits	20	

Cumulative Grade Point Average (CGPA): 3.54 / 4.00

**Total Credits: 160** 

Date: 03-Aug-2021

SR Sridhar
Commodore (Retd)

Registrar

S R Sridhar
Commodore (Retd.)
Registrar
International Institute Of Information Technology Bangalere
26 / C, Electronics City.

Hosur Road, Bangalore - 560 100

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## **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.

Description	Exce	ellent		Good		Satisf	actory	Poor	Failure	Satisfactory	Pass
<b>Grade Points</b>	4.0	3.7	3.4	3.0	2.7	2.4	2.0	1.0	0.0	0.0	0.0
Letter Grade	Α	A-	B+	В	B-	C+	С	D	F	S	Р

#### 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<sub>1</sub>, G<sub>2</sub>, etc. In the courses with corresponding credits U<sub>1</sub>, U<sub>2</sub>, etc., the CGPA is given by

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

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
BS	Basic Science

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

### **Term Calendar Information**

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

