INDIAN INSTITUTE OF TECHNOLOGY MADRAS



Roll No: EE24M093 Name: HRITTIK BANIA

Department: Electrical Engineering

M.Tech Electrical Engineering Stream: Integrated Circuits and Systems

Term No	Course	Title	Credit	Grade	Attendance	Year Of Passing
01	EE5310	Analog Electronic circuits	12	В	Р	2024
01	EE5311	Digital IC Design	12	В	G	2024
01	EE5130	Digital Signal Processing	12	А	Р	2024
01	GN5003	Personal and Professional Growth	0	Р	VG	2024
01	EE5313	Semiconductor Device Modelling	12	Α	G	2024

*** End of Statement ***.

Total Credits : 48

transfer credits are not included in Earned Credits and not considered for CGPA calculation. Transfer credits + Earned Credits should meet the Total Credit requirement.

Cumulative grade point average secured considering only the successfully completed courses(credits) is 8.5

This certificate is digitally generated. To verify the certificate, kindly scan the QR code.



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Grade		Dementer	
Code	Points	Remarks	
S	. 10		
A	9		
B	8		
С	7		
D	6		
E,	4	_	
. U	0		
Р	0	Pass	
F	0	Fail	
W	0	Failure due to insufficient attendance in course	
Ι	0	Withheld	

Attendance Code w.e.f. Jul-Nov 2009					
Attendance Rounded to%	Remarks	Code			
≥ 95%	Very Good	VG			
85 - 94%	Good	G			
<85%	Poor ·	Р			

Attendance Code w.e.f. Jan-May 2023					
Attendance Rounded to %	Remarks	Code			
≥ 95%	Very Good	VG			
80 - 89%	Good	G			
75 - 79%	Marginal	M			
< 75%	Poor	P			

Grades 'S' to 'E' and 'P' indicate successful completion of Course.

The grade of course(s) under the Pass/Fail category are not included towards CGPA calculation.

$$CGPA = \frac{\sum_{i} (C_{i} \times GP)}{\sum_{i} C_{i}}$$

Where

C₁ is the credit of the Course

GP is the Grade Point for that course, and

 \sum_{i} is the sum over all registered courses successfully cleared during all the semesters including those in which the student obtained 'U' and 'W' grades but not cleared.

The medium of instruction is English at this Institute