

# Anna University

Reg.No. 211418105107/RG



*The Syndicate of the Anna University hereby makes known that PRNAV KUMAR S has been admitted to the **DEGREE OF BACHELOR OF ENGINEERING** in **ELECTRICAL AND ELECTRONICS ENGINEERING** under the Faculty of Electrical Engineering, having completed the prescribed programme of study through **PANIMALAR ENGINEERING COLLEGE, CHENNAI** an autonomous college affiliated to this University and having been certified by the duly appointed examiners to be qualified to receive the same, and has been placed in **FIRST CLASS** at the Examination held in **APRIL 2022**.*

*Given under the Seal of the University*



Chennai 600 025  
India  
September 2023  
VU176310500104

*P. Senthilvel*  
Controller of Examinations

*Dr. Akash*  
Registrar

*R. V. Vijay*  
Vice-Chancellor

**ANNA UNIVERSITY, CHENNAI - 600 025**



**PROVISIONAL CERTIFICATE**

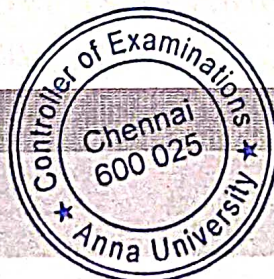
Folio No.: 2219454

*This is to certify that the undermentioned candidate has qualified for the award of Degree through:*

**PANIMALAR ENGINEERING COLLEGE, CHENNAI**

*an autonomous college affiliated to Anna University as detailed below:*

**Name** : PRANAV KUMAR S  
**Register No.** : 211418105107  
**Degree** : B.E.  
**Branch/Specialization** : ELECTRICAL AND ELECTRONICS ENGINEERING  
**Month & Year of Passing** : APRIL 2022  
**Classification** : FIRST CLASS



**Chennai - 600 025**

**Date: 05-SEP-22**

*P. Senthilvel*  
**Controller of Examinations<sub>i/c</sub>**



# PANIMALAR ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)

B.E. DEGREE EXAMINATIONS  
 CONSOLIDATED STATEMENT OF GRADES  
 (CHOICE BASED CREDIT SYSTEM/ CBCS)



SI. No.: UC 505E2L

Folio No.: PEAA106450

NAME OF THE CANDIDATE		PRANAV KUMAR S		REGISTER NO.	211418105107		REGULATIONS	2017 (CBCS)					
DATE OF BIRTH		17-JUN-2000		GENDER	MALE		MEDIUM OF INSTRUCTION	ENGLISH					
PROGRAMME & BRANCH		B.E. Electrical and Electronics Engineering		MONTH & YEAR OF LAST APPEARANCE		APRIL 2022							
SEM	COURSE CODE	COURSE TITLE	C	LG	GP	MONTH & YEAR OF PASSING	SEM	COURSE CODE	COURSE TITLE	C	LG	GP	MONTH & YEAR OF PASSING
01	BS8161	Physics and Chemistry Laboratory	2	A+	9	NOV 2018	05	EE8551	Microprocessors and Microcontrollers	3	A-	9	NOV 2020
01	CY8151	Engineering Chemistry	3	A	8	NOV 2018	05	EE8552	Power Electronics	3	A	8	NOV 2020
01	GE8151	Problem Solving and Python Programming	3	B	6	NOV 2018	05	EE8591	Digital Signal Processing	3	A-	9	NOV 2020
01	GE8152	Engineering Graphics	4	B+	7	NOV 2018	05	HS8581	Professional Communication	1	O	10	NOV 2020
01	GE8161	Problem Solving and Python Programming Laboratory	2	A+	9	NOV 2018	05	OCE551	Air Pollution and Control Engineering	3	O	10	NOV 2020
01	HS8151	Communicative English	4	A+	9	NOV 2018	06	EE8002	Design of Electrical Apparatus	3	O	10	APR 2021
01	MA8151	Engineering Mathematics - I	4	B	6	NOV 2018	06	EE8006	Power Quality	3	A-	9	APR 2021
01	PH8151	Engineering Physics	3	B	6	NOV 2018	06	EE8601	Solid State Drives	3	O	10	APR 2021
02	BE8252	Basic Civil and Mechanical Engineering	4	B	6	APR 2019	06	EE8602	Protection and Switchgear	3	O	10	APR 2021
02	EE8251	Circuit Theory	3	B+	7	APR 2019	06	EE8611	Mini Project	2	O	10	APR 2021
02	EE8261	Electric Circuits Laboratory	2	A	8	APR 2019	06	EE8661	Power Electronics and Drives Laboratory	2	O	10	APR 2021
02	GE8261	Engineering Practices Laboratory	2	A+	9	APR 2019	06	EE8681	Microprocessors and Microcontrollers Laboratory	2	O	10	APR 2021
02	GE8291	Environmental Science and Engineering	3	A+	9	APR 2019	06	EE8691	Embedded Systems	3	A	8	APR 2021
02	HS8251	Technical English	4	A	8	APR 2019	06	GE8076	Professional Ethics in Engineering	3	O	10	APR 2021
02	MA8251	Engineering Mathematics - II	4	B	6	APR 2019	07	EE8010	Power Systems Transients	3	O	10	NOV 2021
02	PH8253	Physics for Electronics Engineering	3	B+	7	APR 2019	07	EE8018	Microcontroller Based System Design	3	O	10	NOV 2021
03	EC8311	Electronics Laboratory	2	O	10	NOV 2019	07	EE8701	High Voltage Engineering	3	O	10	NOV 2021
03	EC8353	Electron Devices and Circuits	3	B	6	NOV 2019	07	EE8702	Power System Operation and Control	3	O	10	NOV 2021
03	EE8301	Electrical Machines - I	3	A	8	NOV 2020	07	EE8703	Renewable Energy Systems	3	A-	9	NOV 2021
03	EE8311	Electrical Machines Laboratory - I	2	O	10	NOV 2019	07	EE8711	Power System Simulation Laboratory	2	O	10	NOV 2021
03	EE8351	Digital Logic Circuits	3	A	8	NOV 2019	07	EE8712	Renewable Energy Systems Laboratory	2	O	10	NOV 2021
03	EE8391	Electromagnetic Theory	3	O	10	NOV 2020	07	GE8074	Human Rights	3	O	10	NOV 2021
03	MA8353	Transforms and Partial Differential Equations	4	B	6	NOV 2019	07	OCS752	Introduction to C Programming	3	A-	9	NOV 2021
03	ME8792	Power Plant Engineering	3	B+	7	NOV 2019	08	EE8811	Project Work	10	O	10	APR 2022
04	EE8401	Electrical Machines - II	3	A	8	APR 2020							
04	EE8402	Transmission and Distribution	3	A	8	APR 2020							
04	EE8403	Measurements and Instrumentation	3	A	8	APR 2020							
04	EE8411	Electrical Machines Laboratory - II	3	A	8	APR 2020							
04	EE8412	Technical Seminar	2	O	10	APR 2020							
04	EE8451	Linear Integrated Circuits and Applications	1	O	10	APR 2020							
04	EE8461	Linear and Digital Integrated Circuits Laboratory	3	A	8	APR 2020							
04	IC8451	Control Systems	2	O	10	APR 2020							
04	MA8491	Numerical Methods	4	A	8	APR 2020							
05	CS8383	Object Oriented Programming Laboratory	2	O	10	NOV 2020							
05	CS8392	Object Oriented Programming	2	O	10	NOV 2020							
05	EE8501	Power System Analysis	3	A	8	NOV 2020							
05	EE8511	Control and Instrumentation Laboratory	3	O	10	NOV 2020							

\*\*\* End of Statement \*\*\*  
 Cumulative Grade Point Average: 8.57  
 Classification: FIRST CLASS



SEM - Semester, C- Credits, LG - Letter Grade, GP - Grade Point

Range of Marks	91 - 100	81 - 90	71 - 80	61 - 70	50 - 60	< 50
Letter Grade	O	A+	A	B+	B	U
Grade Point	10	9	8	7	6	0

Chennai - 600 123.  
 Date : 22-08-2022

SIGNATURE OF THE CANDIDATE



$$CGPA = \frac{\sum C_i GP_i}{\sum C_i}$$

where  $C_i$  - is the credits assigned to the course  
 $GP_i$  - is the point corresponding to the grade obtained for each course  
 $n$  - is number of all courses successfully cleared during all the semesters

CONTROLLER OF EXAMINATIONS