



राष्ट्रीय प्रौद्योगिकी संस्थान कर्नाटक, सुरत्कल
NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL
MANGALURU – 575 025, KARNATAKA, INDIA



Sl. No. **30181**

OFFICIAL TRANSCRIPT

B.TECH. (ELECTRONICS AND COMMUNICATION ENGINEERING)

NAME: INBASEKARAN P

REGISTRATION NO.: 2010189EC226

COURSE CODE	COURSE CATEGORY	COURSE TITLE	CREDITS	GRADE
First Semester (DEC 2020-APR 2021)				
CY110	BSC	CHEMISTRY	3	AA
MA110	BSC	ENGINEERING MATHEMATICS - I	3	AA
CS110	ESC	COMPUTER PROGRAMMING	4	AA
WO110	ESC	ENGINEERING MECHANICS	3	AB
SM110	HSC	PROFESSIONAL COMMUNICATION	3	AB
EC102	PC	CIRCUITS AND SYSTEMS	4	AA
SM111	MLC	PROFESSIONAL ETHICS & HUMAN VALUES	1	S
CV110	MLC	ENVIRONMENTAL STUDIES	1	S
Semester Earned Credits: 22		SGPA: 9.70	Cumulative Earned Credits: 22	CGPA: 9.70
Second Semester (APR-SEP 2021)				
CY111	BSC	CHEMISTRY LABORATORY	2	AA
MA111	BSC	ENGINEERING MATHEMATICS - II	3	AB
PH110	BSC	PHYSICS	4	AA
PH111	BSC	PHYSICS LABORATORY	1	AB
CS111	ESC	COMPUTER PROGRAMMING LAB	1	AA
ME110	ESC	ELEMENTS OF MECHANICAL ENGINEERING	2	AB
ME111	ESC	ENGINEERING GRAPHICS	3	AB
EC203	PC	LINEAR ALGEBRA AND PROBABILITY THEORY	4	AB
Semester Earned Credits: 20		SGPA: 9.35	Cumulative Earned Credits: 42	CGPA: 9.53
Third Semester (SEP 2021-JAN 2022)				
EC101	PC	JOY OF ELECTRONICS AND COMMUNICATION	4	AB
EC200	PC	DIGITAL SYSTEM DESIGN	4	BB
EC201	PC	ANALOG ELECTRONICS	4	AA
EC202	PC	ANALOG AND DIGITAL COMMUNICATION	4	AA
EC204	PC	DIGITAL SYSTEM DESIGN LAB	2	AB
EC205	PC	ANALOG ELECTRONICS LAB	2	AB
Semester Earned Credits: 20		SGPA: 9.20	Cumulative Earned Credits: 62	CGPA: 9.42
Fourth Semester (JAN-MAY 2022)				
EC206	PC	MICROPROCESSORS	4	AB
EC207	PC	ELECTROMAGNETIC WAVES AND TRANSMISSION LINES	4	BB
EC208	PC	DIGITAL SIGNAL PROCESSING	4	BB
EC209	PC	CONTROL SYSTEMS	4	AA
EC210	PC	MICROPROCESSORS LAB	2	AA
EC211	PC	DIGITAL SIGNAL PROCESSING LAB	2	AA
CMOOC	Ele	DESIGN AND ANALYSIS OF ALGORITHMS	2	
CMOOC	Ele	GETTING STARTED WITH COMPETITIVE PROGRAMMING	3	
Semester Earned Credits: 25		SGPA: 9.00	Cumulative Earned Credits: 87	CGPA: 9.31
Fifth Semester (JUL-DEC 2022)				
SM300	HSC	ENGINEERING ECONOMICS	3	BB
EC300	PC	VLSI DESIGN	4	AB
EC301	PC	RF COMPONENTS AND CIRCUITS	4	BB
EC302	PC	VLSI DESIGN LAB	2	AB
EC303	PC	COMMUNICATION LAB - I	2	AB
EC383	Ele	MINI PROJECT IN VLSI DESIGN	2	AB
EC386	Ele	MINI PROJECT IN IMAGE PROCESSING	2	AA
EC444	Ele	SYNTHESIS AND OPTIMIZATION OF DIGITAL CIRCUITS	4	BB
EC390	MLC	SEMINAR	1	S
Semester Earned Credits: 24		SGPA: 8.61	Cumulative Earned Credits: 111	CGPA: 9.16

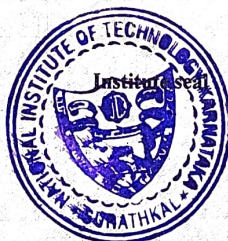
Sixth Semester (JAN-MAY 2023)				
SM302	HSC	PRINCIPLES OF MANAGEMENT	3	AB
EC304	PC	COMMUNICATION LAB - II	2	BB
EC704	Ele	VLSI DESIGN AUTOMATION	4	AA
MA202	Ele	DISCRETE MATHEMATICAL STRUCTURES	3	AB
EC802	Ele	LOW POWER VLSI DESIGN	4	BB
EC763	Ele	OPTIMIZATION	4	AA
Semester Earned Credits: 20		SGPA: 9.10	Cumulative Earned Credits: 131	CGPA: 9.15
Seventh Semester (AUG-DEC 2023)				
CS435	Ele	OPEN SOURCE NETWORKING TECHNOLOGIES	4	BB
EC806	Ele	DIGITAL DESIGN USING FPGAS	4	AB
EC879	Ele	COMPRESSED SENSING AND SPARSE SIGNAL PROCESSING	4	AA
EC490	MLC	PRACTICAL TRAINING	2	S
Semester Earned Credits: 14		SGPA: 9.00	Cumulative Earned Credits: 145	CGPA: 9.13
Eighth Semester (DEC 2023-APR 2024)				
EC792	Ele	HIGH PERFORMANCE COMPUTING ARCHITECTURES	4	AB
CS357	Ele	DIGITAL IMAGE PROCESSING	4	AA
EC498	MP	MAJOR PROJECT	6	AA
Semester Earned Credits: 14		SGPA: 9.71	Cumulative Earned Credits: 159	CGPA: 9.19

The student INBASEKARAN P has satisfactorily completed all the requirements for the award of B.Tech. degree in ELECTRONICS AND COMMUNICATION ENGINEERING, securing a CGPA of 9.19 in the 0-10 scale grading system.

Note:

- 1) Medium of Instruction is ENGLISH.
- 2) Grade points : AA=10; AB=09; BB=08; BC=07; CC=06; CD=05; DD=04; FF=0 (Fail); FA=0 (Fail due to attendance shortage); W=Withdrawal; U=Audited; S=Satisfactory; N=Unsatisfactory
- 3) Grades AA to DD & S indicate the successful completion of course and are considered for earned credits.
- 4) Grades FF and FA are counted for computation of both SGPA as well as CGPA.
- 5) No class or division is awarded at this Institute.
- 6) Credits of course work under S/N option are not counted for computation of SGPA & CGPA.
- 7) Fn=Foundation Courses (BSC=Basic Science Core ; ESC=Engineering Science Core ; HSC=Humanities & Social Sciences Core) PC=Programme Core ; Ele=Electives; MP=Major Project; MLC=Mandatory Learning Course
- 8) Minor Courses are not counted for total earned credits and computation of SGPA & CGPA.

Date: 22-Oct-2024



Sandhya
 सहायक कुलसचिव (शैक्षणिक)
 Assistant Registrar (Academic)
 राष्ट्रीय प्रौद्योगिकी संस्थान कर्नाटक, सुरतकल
 National Institute of Technology Karnataka, Surathkal
 पो. श्रीनिवासनगर, मंगलूर-575 025, कर्नाटक, भारत
 P.O. Sri Vinayaknagar, Mangalore-575 025, Karnataka, India