



National Institute of Technology Delhi

राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली

Vision

Create an educational environment to prepare the students to meet the challenges of the modern electronics and communication industry through state of art technical knowledge and innovative approaches beneficial to society.

Mission

- To promote teaching and learning by engaging in innovative research and by offering state-of-the-art undergraduate, postgraduate, and doctoral programs.
- To cultivate an entrepreneurial environment and industry interaction, leading to the emergence of creators, innovators, and leaders.
- To promote co-curricular and extra-curricular activities for the overall personality development of the students.
- Building of responsible citizens through awareness and acceptance of ethical values.

DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING

इलेक्ट्रानिक्स एवं संचार अभियांत्रिकी विभाग



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माइक्रोप्रोसेसर और माइक्रोकंट्रोलर लैब | Microprocessor and Microcontroller Lab





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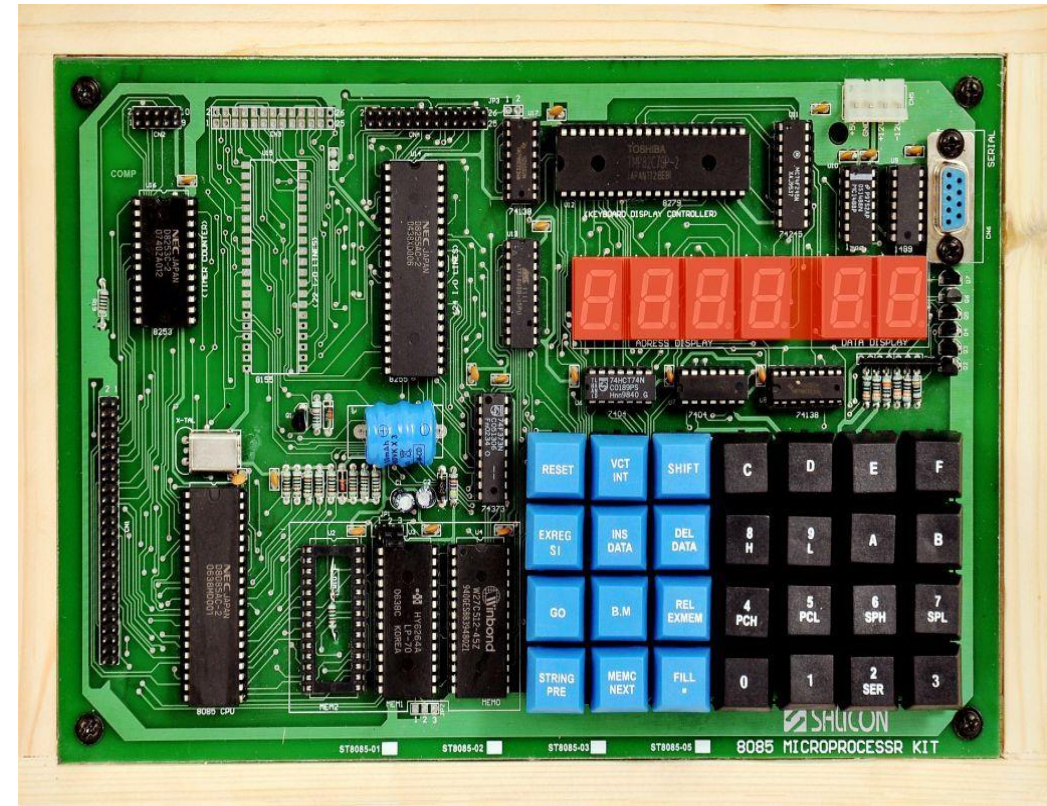
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Microprocessor kit



8085 Microprocessor kit



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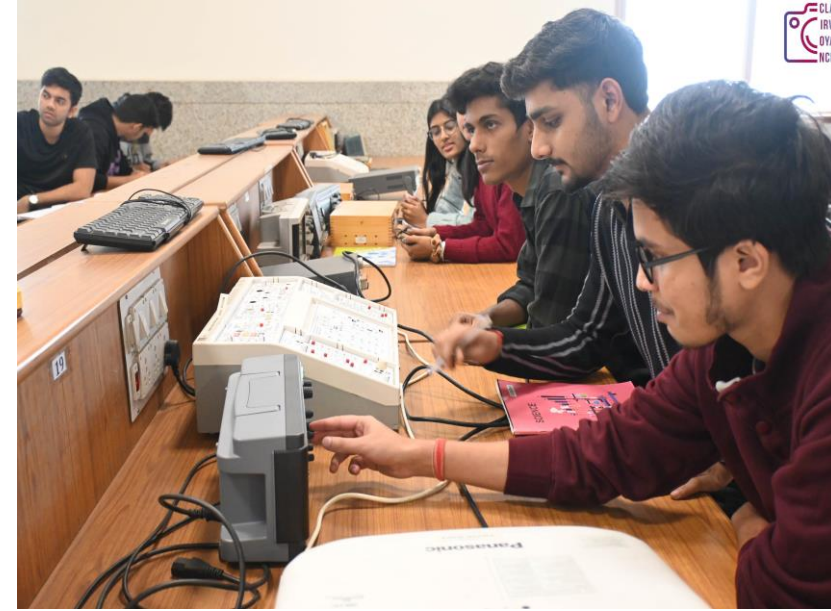




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"उत्साही छात्र वैज्ञानिक अन्वेषण में डूबे हुए, प्रयोगशाला के भीतर निर्बाध रूप से प्रयोग कर रहे हैं, जहां ज्ञान और जिज्ञासा मिलती है।"

"Enthusiastic students immersed in scientific exploration, seamlessly orchestrating experiments within the laboratory, where knowledge and curiosity converge."



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List of Instruments/ Equipment/ Software

Hardware

S. No.	Item Description	Qty	Model/ Version	Make
1	Microprocessor 8086 Trainer (LCD)	8	Model M86-02	Salicon Nano Technology
2	8086 Microprocessor LCD kits with Keyboards	13	NA	Excel Technologies
3	8255 Study Card, Programmable Peripheral Interface	2	NA	Excel Technologies
4	8259 Study Card, Programmable Interrupt Controller	2	NA	Excel Technologies
5	8253 Study Card, Programmable Interval Timer	2	NA	Excel Technologies
6	8251 Study Card, Programmable Communication Interface - Universal synchronous asynchronous receiver transmitter (USART)	2	NA	Excel Technologies
7	LCD Modules	2	NA	Excel Technologies
8	ADC Modules	2	NA	Excel Technologies
9	DAC Modules	2	NA	Excel Technologies
10	DTMF Module, Dual Tone – Multi Frequency	2	NA	Excel Technologies



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Hardware

S. No.	Item Description	Qty	Model/ Version	Make
11	Keyboard Interface modules	2	NA	Excel Technologies
12	Traffic Light controller Module	2	NA	Excel Technologies
13	LED Display matrix modules	2	NA	Excel Technologies
14	GSM Module	1	NA	Excel Technologies
15	RFID Module	1	NA	Excel Technologies
16	Microprocessor Interface Cards – Models- IC10, IC12, IC01, IC07, IC02, IC13, IC05, IC09, IC08	9	NA	Salicon Nano Technology
17	Microcontroller 8051 development kit based on 89C51RD2	12	ET89C51RD2	Excel Technologies



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धन्यवाद | THANK YOU

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Department of Electronics and Communication Engineering

