



# ST FRANCIS DE SALES COLLEGE

Permanently Affiliated to Bangalore University || AICTE Approved Electronic City, Bengaluru - 100

Reaccredited by NAAC with 'B++' Grade || Recognised under section 2(f) & 12(b) of the UGC Act || An ISO 9001: 2015 Certified Institution

## A FRANSALIAN INSTITUTE OF HIGHER LEARNING

Title	Interdisciplinary Activity "Practical Applications of Microprocessor 8085"
Date of Event(s) & Time	13th, December, 2022.
Department / Association / Cell / Committee	Computer Applications
Venue (Mention the platform if it is Online)	Electronics Lab
Number of Participants	53
Target Audience	BCA
Resource Person	Mr. Sheikh Savaz (Lab instructor)

The Department of computer Applications conducted an interdisciplinary activity to learn "Practical Applications of Microprocessor 8085",

Mr. Sheikh the lab instructor of Department of Science oriented students of functioning of Microprocessor in the real time explaining the significance of 8085 Microprocessor in the stepper motor.

Interdisciplinarity or interdisciplinary studies involves the combination of two or more academic disciplines into one activity. It is about creating something by thinking across boundaries introducing students to subject matter from a variety of perspectives that challenge their existing notion.

Objectives:

The following activity help students

- Identifying insights from a range of disciplines that contribute to an understanding of the issue under consideration.
- To develop the ability to integrate concepts and ideas from these disciplines.

The common features of interdisciplinary forms of instruction.

- **Foundational Knowledge** – acquiring information and understanding ideas
- **Application** – acquiring an understanding of how and when to use skills
- **Integration** – the capacity to connect ideas
- **Human Dimension** - recognition of the social and personal implications of issues
- **Caring** – acknowledgment of the role of feelings, interests, and values
- **Learning How-to-Learn** – obtaining insights into the process of learning

Electronics City P.O., Bengaluru - 560 100

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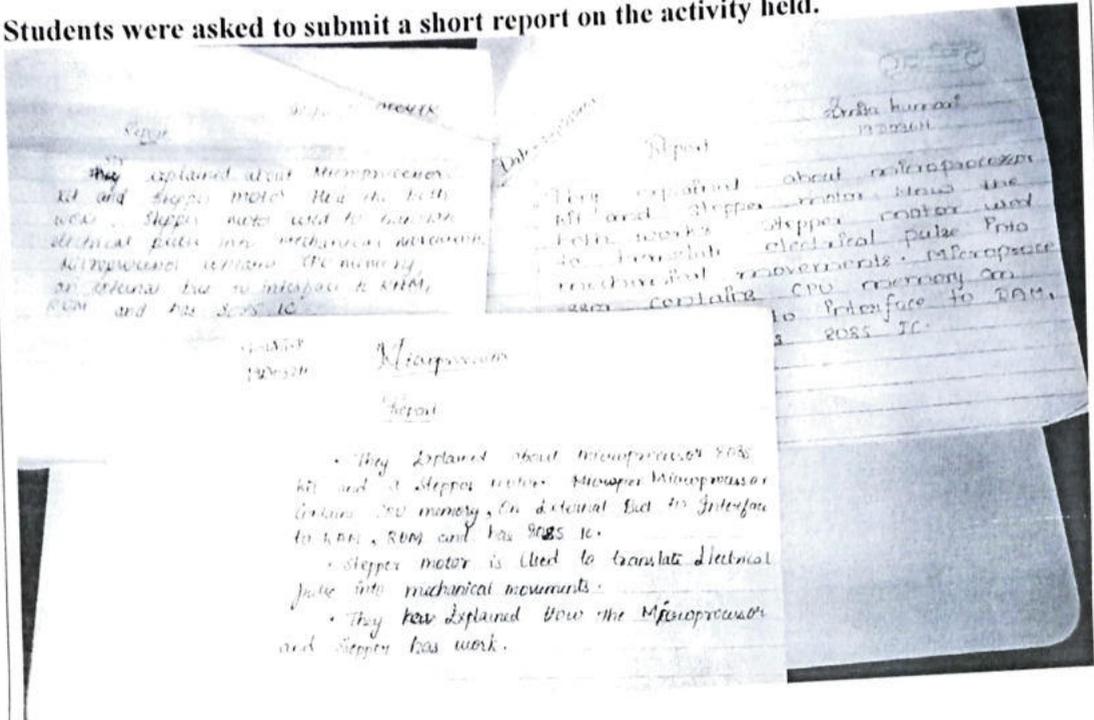
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## Outcomes

- Interdisciplinary Teaching Helps Students Uncover Preconceptions or Recognize Bias.
- Interdisciplinary Teaching Helps Advance Critical Thinking and Cognitive Development.
- Interdisciplinary Teaching Helps Students Tolerate or Embrace Ambiguity.

Students were asked to submit a short report on the activity held.



*[Handwritten Signature]*

**COORDINATOR**  
Department of Computer Applications  
St. Francis de Sales College  
Bengaluru - 560 100.

## List of Students Attended

Roll No		
19D001K	P	P
19D002K	P	P
19D003K	P	P
19D004K	P	P
19D005K	P	P
19D006K	P	P
19D007K	P	P
19D008K	P	P
19D009K	DL	DL
19D010K	P	A
19D011K	A	A
19D012K	P	P
19D013H	P	P
19D014K	P	A
19D015H	P	P
19D016K	P	P
19D018K	A	A
19D019K	P	P
19D020K	P	P
19D021K	P	A
19D022H	P	P
19D023K	P	A
19D024E	P	P
19D025H	P	P
19D026K	P	A
19D029H	P	P
19D030K	P	P
19D031H	P	P
19D032H	P	P
19D033K	P	P
19D034K	P	P
19D035K	P	P
19D036H	P	P
19D037T	P	P
19D039H	P	P
19D041S	P	P

**Roll No**

19D042K	P	P
19D043K	P	P
19D044K	A	A
19D045TE	P	P
19D046K	P	A
19D047K	P	P
19D048K	P	P
19D049H	P	P
19D051K	P	P
19D052K	P	P
19D053H	P	P
19D054K	P	P
19D056K	A	A
19D058K	A	A
19D060H	P	P
19D061E	P	P
T19D062K	A	A

*C. Swamy*  
**COORDINATOR**  
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*Sai Laya*  
**HEAD**  
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# Microprocessor

## Report

- They Explained about microprocessor 8085 kit and a stepper motor. ~~Microprocessor~~ Microprocessor contains CPU memory, On External Bus to Interface to RAM, ROM and has 8085 IC.
- Stepper motor is Used to translate Electrical pulse into mechanical movements.
- They ~~has~~ Explained How the Microprocessor and Stepper has work.

Shilpa.P 19D047K

## Report

Sir ~~they~~ explained about Microprocessor Kit and Stepper motor. How the both works. Stepper motor used to translate electrical pulse into mechanical movements. Microprocessor contains CPU memory, an external bus to interface to RAM, ROM and has 8085 IC.

1006/2/19/2021

Smriti kumari

19D036H

Report

They explained about microprocessor kit and stepper motor. How the both works. Stepper motor used to translate electrical pulse into mechanical movements. Microprocessor contains CPU memory on external bus to interface to RAM, ROM and has 8085 IC.

G. Srinivas

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Saibya

**HEAD**  
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