



2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process.

Sl.No.	Uploaded Document Description	Page Nos.	Link
01	ICT Enabled Class Rooms	1-2	
02	Online Quiz responses	3-8	
03	Online NPTEL Certificates	9-12	
04	Webinars	---	https://www.youtube.com/@vivekanandainstituteoftech2383/playlists


03/11/2024
PRINCIPAL
Vivekananda Institute of Technology
Gudimavu, Kumbalaguru Post, Kengeri (H),
Bangalore South, Bangalore - 560 074.



ವಿವೇಕಾನಂದ ತಾಂತ್ರಿಕ ಮಹಾ ವಿದ್ಯಾಲಯ VIVEKANANDA INSTITUTE OF TECHNOLOGY

AN INSTITUTE OF JANATHA EDUCATION SOCIETY
Recognised by GOK, Affiliated to VTU & Approved by AICTE, New Delhi.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGG

1

E-Class Room
303



DEPARTMENT OF COMPUTER SCIENCE ENGG

1

E-Class Room



2

Edusat Room



Vivekananda
PRINCIPAL
Vivekananda Institute of Technology
Gubbinu, Kumbalaguru Post, Kengeri (H),
Bangalore South, Bangalore - 560 074.



ವಿವೇಕಾನಂದ ತಾಂತ್ರಿಕ ಮಹಾ ವಿದ್ಯಾಲಯ VIVEKANANDA INSTITUTE OF TECHNOLOGY

AN INSTITUTE OF JANATHA EDUCATION SOCIETY
Recognised by GOK, Affiliated to VTU & Approved by AICTE, New Delhi.

DEPARTMENT OF INFORMATION SCIENCE ENGG

1 Class Room



Bengaluru, Karnataka, India
VF44+F4R, Bengaluru, Karnataka 560060, India
Lat 12.856236°
Long 77.455342°
25/09/24 01:41 PM GMT +05:30

Ravi...
PRINCIPAL
Vivekananda Institute of Technology
Godmala, Kumbalaguru Post, Kengeri (H),
Bangalore South, Bangalore - 560 074.

Microcontrollers(BEC405A)--AY2023-24- Even Sem

Module-1 Quiz Questions

* Indicates required question.

1. Name *

2. USN *

3. Semester *

4. 1. 8051 is ----- bit controller *

Mark only one oval.

16-bit

8-bit

5. 2. Address lines of 8051 are *

Mark only one oval.

8-bit

20-bit

16 bit


PRINCIPAL
Vivekananda Institute of Technology
Gudimavu, Kumbalaguda Post, Kengeri (H),
Bangalore South, Bangalore - 560 074.

6. 3. PSW is bit addressable Register *

Mark only one oval.

Yes

No

7. 4. Internal RAM of 8051 consists of *

Mark only one oval.

General Purpose Area

Bit addressable Area

Working Registers

8. 5. Internal ROM size is *

Mark only one oval.

4K

8K

128K

9. 6. 8051 is — Pin IC *

Mark only one oval.

80 DIP

40 DIP

Raveendra
03/11/2024
PRINCIPAL
Vivekananda Institute of Technology
Gudimavu, Kumbalagudi Post, Kengeri (H),
Bangalore South, Bangalore - 560 074.

10. 7. Number of Ports of 8051 *

Mark only one oval.

8

4

12

Other: _____

11. 8. Number of Register Banks available in 8051 *

Mark only one oval.

4

7

9

12. 9. Number of Address lines required for interfacing 64KB of RAM *

Mark only one oval.

15

16

13. 10. 'A' Register is also addressed as *

Mark only one oval.

Data Pointer

Accumulator

Ramesh
03/11/2024
PRINCIPAL
Vivekananda Institute of Technology
Gudimavu, Kumbalaguru Post, Kengeri (H),
Bangalore South, Bangalore - 560 074.



ವಿವೇಕಾನಂದ ತಂತ್ರಜ್ಞಾನ ಮತ್ತು ವಿಜ್ಞಾನ
VIVEKANANDA INSTITUTE OF TECHNOLOGY
 AN INSTITUTE OF JANATHA EDUCATION SOCIETY
 Recognised by GOK, Affiliated to VTU, Approved by AICTE, New Delhi & Accredited by NAAC

Department of Electronics and Communication Engineering

Microcontrollers(BEC405A)-Module-1 Quiz Responses

4th Sem ECE-AY-2023-24-Even Sem

Ser 1. 805 2. Addr 3. PS 4. Internal 5. In 6. 8051 i 7. Nu 8. Nt 9. Nu 10. 'A' Register is also addressed as

Sl.No.	Time	Name	USN	Ser	1.	2.	Addr	3.	PS	4.	Internal	5.	In	6.	8051	i	7.	Nu	8.	Nt	9.	Nu	10.	'A' Register is also addressed as	
1	2024/06	Heman	1VK22EC017	4	8-bit	16 bit	Yes	Bit address	4K	40 DIP	4	4	16											Data Pointer	
2	2024/06	Nidhi M	1VK22EC024	4th	8-bit	16 bit	Yes	Bit address	4K	40 DIP	4	4	16												Accumulator
3	2024/06	Nandin	1VK22EC023	4th	8-bit	16 bit	Yes	General Pu	4K	40 DIP	4	4	16												Accumulator
4	2024/06	Chanda	1VK22EC011	4th	8-bit	16 bit	Yes	Bit address	4K	40 DIP	4	4	16												Accumulator
5	2024/06	Prakrut	1VK22EC027	4th	8-bit	16 bit	Yes	Bit address	4K	40 DIP	4	4	16												Accumulator
6	2024/06	Rajath	1VK22EC032	4th	8-bit	16 bit	No	Bit address	4K	40 DIP	4	4	16												Accumulator
7	2024/06	Yogitha	1VK22EC059	4th	8-bit	8-bit	Yes	Bit address	4K	40 DIP	4	4	16												Accumulator
8	2024/06	Meena	1VK22EC021	4th	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
9	2024/06	Yashas	1VK22EC057	4th	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
10	2024/06	Swathi	1VK22EC053	4th	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
11	2024/06	Sharan	1vk22ec044	4th	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
12	2024/06	Sowmy	1VK22EC047	4th	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
13	2024/06	Chanda	1VK23EC401	4th	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
14	2024/06	Arpitha	1VK22EC004	4th	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
15	2024/06	J Sneha	1VK22EC019	4th	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
16	2024/06	Prajwal	1VK23EC404	4th	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
17	2024/06	RASHM	1VK22EC035	4th	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
18	2024/06	Puneet	1vk23ec406	4th	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
19	2024/06	PUNYA	1VK22EC030	4th	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
20	2024/06	Preeti	1VK22EC029	4	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
21	2024/06	Rakesh	1VK22EC033	4	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
22	2024/06	Chetha	1VK22EC012	4th	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
23	2024/06	Adithya	1VK22EC001	4th	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
24	2024/06	Rahul R	1VK22EC031	4th	8-bit	16 bit	Yes	Bit address	4K	40 DIP	4	4	16												Accumulator
25	2024/06	Ranjith	1VK22EC034	4th	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator
26	2024/06	HARSH	1vk22eco15	4	8-bit	16 bit	Yes	Working Re	4K	40 DIP	4	4	16												Accumulator

Rashmi
03/11/2024

PRINCIPAL
Vivekananda Institute of Technology
 Gudimavu, Kumbalaguda Post, Kengeri (H),
 Bangalore South, Bangalore - 560 074,



ವಿವೇಕಾನಂದ ತಾಂತ್ರಿಕ ಮತ್ತು ವಿಜ್ಞಾನ ವಿಶ್ವವಿದ್ಯಾಲಯ
VIVEKANANDA INSTITUTE OF TECHNOLOGY
 AN INSTITUTE OF JANATHA EDUCATION SOCIETY
 Recognised by GOK, Affiliated to VTU, Approved by AICTE, New Delhi & Accredited by NAAC

Department of Electronics and Communication Engineering

Microcontrollers(BEC405A)- Module-1 Quiz Responses

4th Sem ECE-AY-2023-24-Even Sem

Sl.No.	TimeStar	Name	USN	Sem	1.	805	2.	Addr	3.	PS	4.	Internal	5.	In	6.	8051	7.	Nu	8.	Nu	9.	Nu	10.	'A' Register is also addressed as	
27	2024/06	Varun d	1VK22EC054	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16											Accumulator	
28	2024/06	Hitha S	1VK22EC018	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	7	16												Accumulator
29	2024/06	Prakas	1VK23EC405	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16												Accumulator
30	2024/06	ARUN K	1VK23EC400	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16												Accumulator
31	2024/06	Ananya	1VK22EC003	4th	8-bit	16 bit	Yes	Bit address	4K	40 DIP	4	4	16												Accumulator
32	2024/06	Shalini	1VK22ec043	4Th	8-bit	16 bit	Yes	Bit address	4K	40 DIP	4	4	16												Accumulator
33	2024/06	Gayatri	1VK22EC014	4th	8-bit	16 bit	Yes	Bit address	4K	40 DIP	4	4	16												Accumulator
34	2024/06	Bhoomi	1VK22EC008	4th	8-bit	16 bit	Yes	Bit address	4K	40 DIP	4	4	16												Accumulator
35	2024/06	Nandini	1VK22EC022	4th	8-bit	16 bit	Yes	Bit address	4K	40 DIP	4	4	16												Accumulator
36	2024/06	Sheha	1VK22EC046	4th	8-bit	16 bit	Yes	Bit address	4K	80 DIP	4	4	16												Accumulator
37	2024/06	Sinchar	1VK22EC045	4	8-bit	16 bit	Yes	Bit address	4K	80 DIP	4	4	16												Accumulator
38	2024/06	Sanjana	1VK22EC040	4th	8-bit	16 bit	Yes	Bit address	4K	80 DIP	4	4	16												Accumulator
39	2024/06	Sushan	1VK22EC052	4	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16												Accumulator
40	2024/06	Nikitha	1VK22EC026	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16												Accumulator
41	2024/06	Pavan K	1VK23EC403	4	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16												Accumulator
42	2024/06	Basava	1VK22EC006	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16												Accumulator
43	2024/06	Sahana	1VK22EC038	4	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16												Accumulator
44	2024/06	Marko	1VK23EC402	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16												Accumulator
45	2024/06	Bheem	1VK22EC007	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16												Accumulator
46	2024/06	Preetha	1VK22EC028	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16												Accumulator
47	2024/06	Chagab	1VK22EC009	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16												Accumulator
48	2024/06	Nikhil G	1VK22EC025	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16												Accumulator
49	2024/06	CHETHU	1VK22EC013	4	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16												Accumulator
50	2024/06	Harshit	1VK22EC016	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16												Accumulator
51	2024/06	Akash I	1vk22ec002	4	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16												Accumulator
52	2024/06	Yashas	1VK22EC056	4th	8-bit	16 bit	Yes	Bit address	4K	80 DIP	4	4	16												Accumulator

Ramesh
03/11/2024

PRINCIPAL
Vivekananda Institute of Technology
 Gudimavu, Kumbalaguda Post, Kengeri (H),
 Bangalore South, Bangalore - 560 074,



ವಿವೇಕಾನಂದ ತಂತ್ರಜ್ಞಾನ ಮತ್ತು ವಿಜ್ಞಾನಗಳ
VIVEKANANDA INSTITUTE OF TECHNOLOGY
 AN INSTITUTE OF JANATHA EDUCATION SOCIETY
 Recognised by GOK, Affiliated to VTU, Approved by AICTE, New Delhi & Accredited by NAAC

Department of Electronics and Communication Engineering

Microcontrollers(BEC405A)-Module-1 Quiz Responses

4th Sem ECE-AY-2023-24-Even Sem

Sl.No.	Time	Name	USN	Sem	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	'A' Register is also addressed as
53	2024/06	Chanda	1VK22EC010	4th	8-bit	16 bit	Yes	Bit address	4K	40 DIP	4	4	16		Accumulator
54	2024/06	Vijayala	1vk23EC407	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16		Accumulator
55	2024/06	Sangma	1vk22ec039	4	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16		Accumulator
56	2024/06	Santosh	1VK22EC041	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16		Accumulator
57	2024/06	Sunil ka	1VK22EC051	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16		Accumulator
58	2024/07	Rishi Te	1VK22EC037	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16		Accumulator
59	2024/07	Sri ram	1vk22ec049	4	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16		Accumulator
60	2024/07	Mahad	1VK22EC020	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16		Accumulator
61	2024/07	Yashwa	1VK22EC058	4	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16		Accumulator
62	2024/07	Srinivas	1VK22EC050	4	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16		Accumulator
63	2024/07	Sowmya	1VK22EC048	4	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16		Accumulator
64	2024/07	Sarika	1VK22EC042	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16		Accumulator
65	2024/07	Rashmi	1VK22EC036	4	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16		Accumulator
66	2024/07	VIJAYC	1VK22EC055	4th	8-bit	16 bit	Yes	Working R	4K	40 DIP	4	4	16		Accumulator

Received
 03/11/2024

PRINCIPAL
Vivekananda Institute of Technology
 Gudimavu, Kumbalaguda Post, Kengeri (H),
 Bangalore South, Bangalore - 560 074,



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

VARSHINI B N

for successfully completing the course

Cloud Computing

with a consolidated score of **60** %

Online Assignments	23.75/25	Proctored Exam	36.74/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **23872**

Jan-Apr 2024
(12 week course)

PRINCIPAL
Vivekananda Institute of Technology
Guzimavu, Mumbalaguda Post, Kengeri (H),
Bangalore South, Bangalore - 560 074.

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS17S352303249

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

JEEVAN R

for successfully completing the course

Cloud Computing



with a consolidated score of **76** %

Online Assignments	24.38/25	Proctored Exam	51.3/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **23872**

Jan-Apr 2024
(12 week course)

[Signature]
12/11/2024
PRINCIPAL,
Vivekananda Institute of Technology
Gudimava, Kumbhrajyasa Post, Kalyani (N),
Bengaluru South, Bengaluru - 553 074.

[Signature]
Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS17S452302044

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

RAKSHITHA S

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **69** %

Online Assignments	24.35/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course:32882

Jan-Apr 2024
(12 week course)

Rakshitha S
14/11/2024

PRINCIPAL
Vivekananda Institute of Technology
Gudimavu, Kumbalaguda Post, Kengeri (H),
Bangalore South, Bangalore - 560 074.

H Banerji

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS35S552303087

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SANJAY S J

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **68** %

Online Assignments	24.91/25	Proctored Exam	43.24/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **12432**

Prof. Devendra Jalihal

Chairperson

Centre for Outreach and Digital Education, IITM

Jan-Apr 2024

(12 week course)

PRINCIPAL,
Vivekananda Institute of Technology
Gudimaru, Kumbalaguda Post, Wanganpet,
Bangalore South, Bangalore - 560 071.

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS57S552304498

To verify the certificate



No. of credits recommended: 3 or 4