VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANA SANGAMA, BELAGAVI - 590 018, KARNATAKA



A MINI PROJECT REPORT ON

"MOVIE TICKET BOOKING SYSTEM"

Submitted By

N SAI TRISHA

NIKITHA B

USN: 1VK18CS027

USN: 1VK18CS030

Submitted in the partial fulfillment of the requirements for the fifth Semester Database Management Lab (18CSL58)

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

UNDER THE GUIDANCE OF

Mrs. Lakshmi K

Mrs. Shruthi B Gowda

Asst. Professor, Dept. of CSE VKIT, Bengaluru

Asst. Professor, Dept. of CSE VKIT, Bengaluru



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VIVEKANANDA INSTITUTE OF TECHNOLOGY

GUDIMAVU, KUMBALGODU POST, KENGERI HOBLI, BENGALURU-560074



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Department of Computer Science and Engineering <u>CERTIFICATE</u>

This is to certify that the Mini project work entitled "Movie Ticket Booking Systemcärried out by N Sai Trisha bearing the USN: 1VK18CS027 and Nikitha B bearing the USN: 1VK18CS030 is a Bonafede student of Vivekananda Institute of Technology, Bengaluru in partial fulfillment of the requirements for the fifth semester DBMS LABORATORY WITH MINI PROJECT(18CSL58) of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belagavi during the year2020-21. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The mini project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said degree.

SHOW = 3/1/204

Signature of the Guide

Mrs. Shruthi B Gowda

Asst. Professor Dept. Of CSE

VKIT, Bengaluru

Signature of the HOD

Dr. Vidya A

Prof. & Head

Dept. Of CSE

VKIT, Bengaluru

Signature of the Principal

Dr. D V Chandrasekhar

Principal

VKIT, Bengaluru

External Viva-Voce

Name of the Examiners

LAKSHMIL

Signature with date

30/1/204

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANA SANGAMA, BELAGAVI – 590 018, KARNATAKA



A Project Report

on

"A Tool for Improving Technical Knowledge of Students with Automatic Formative Assessment"

Submitted in partial fulfillment for the award of degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted By

MOHAN B C

USN (1VK15CS032)

MURALI M

USN (1VK15CS033)

PAVAN M

USN (1VK15CS039)

NARAYAN MUDULI

USN (1VK16CS400)

Under the Guidance of Mrs. SHRUTHI B GOWDA

Asst. Professor, Dept. of CSE, VKIT, Bengaluru.



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GUDIMAVU, KUMBALAGODU POST, KENGERI HOBLI, BENGALURU –560 074

2018-2019

Principal 97 1870

Janatha Education Society® VIVEKANANDA INSTITUTE OF TECHNOLOGY Gudimavu, Kumbalagodu Post, Kengeri Hobli, Bengaluru - 560 074



Department of Computer Science and Engineering CERTIFICATE

This is to certify that the project work entitled "A Tool for Improving Technical Knowledge of Students with Automatic Formative Assessment" carried out by Mohan B C bearing the USN (1VK15CS032), Murali M bearing the USN (1VK15CS033), Pavan M bearing the USN (1VK15CS039), Narayan Muduli bearing the USN (1VK16CS400), are the bonafide students of Vivekananda Institute of Technology, Bengaluru in partial fulfillment for the requirements of final year project (15CSP85) of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belagavi during the year 2018-19. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of the Guide Mrs. Shruthi B Gowda Asst. Professor

Signature Profess

Signature of the Principal Dr. D.V. Chandrashekhar Parincipal

Vivekananda Institute of Technolog External Viva-Voce Gudimavu, Kumbalagodu, Kengeri Hobi BANGALORE - 560 074.

Name of the Examiners

Signature with date

Principal 3 VIVEKANANDA INSTITUTE OF TECHNOLOGY

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI-590018, Karnataka



INTERNSHIP REPORT

ON

"Lip to Speech"

Submitted inpartial fulfilment for the award of degree(18CSI85)

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE AND ENGINEERING

Submitted by

Jayanth M

1VK19CS019

Under the Guidance of

Asst. Prof. PRAJWALA R

Asst. Professor,

Dept. of CSE, VKIT



VIVEKANANDA INSTITUTE OF TECHNOLOGY
Department of Computer science and Engineering
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BENGALURU-560074

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CERTIFICATE

This is to certify that the Internship titled "Lip to Speech" carried out by Mr Jayanth M, a bonafide student of Vivekananda Institute of Technology impartial fulfillment for the award of Bachelor of Engineering in Computer science and engineering under Visveswaraya Technological University, Belagavi, during the year 2022-2023. It is the certified that all correction/suggestion indicated have been incorporated in report. The project report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the course Internship/Professional Practice (18CS185)

2005/23

Signature of Guide Prof. Prajwala R Asst. Professor VKIT, Bengaluru Signature of HOD Dr. Vidya A Prof. & Head VKIT, Bengaluru

Signature of Principal Dr.D V Chandrashekar Principal VKIT, Bengaluru

Principale

VIVEKANANDA INSTITUTE OF TECHNOLOGY

Bangalore - 560 074

Signature with Date

External Viva:

Name of the Examiner

1) Da. ASHA-K.H

Dr. Dul-S

VIVEKANANDA INSTITUTE OF TECHNOLOGY

Internship report

Rangalore - 560 074 2022-2022

INTERNSHIP CERTIFICATE



Varcons Technologies Pvt Ltd

Communicate. Collaborate. Create

CERTIFICATE OF INTERNSHIP

This is to certify that Jayanth M whose USN is 1VK19CS019, has completed their Machine Learning With Python(Research Based) Internship organised and handled by Varcons Technlogoies Pvt Ltd from 23rd August, 2022 to 27th September, 2022.

The person to whom this certificate is addressed to has worked on a project titled Lip To Speach Synthesis. As part of the project, They designed the Machine Learning Model, Demonstrated and tested the working of the Model, Prepared a report highligting its flaws by understanding the design briefs and client Specifications that were provided in the Proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

To verify this certificate, CLICK BERE



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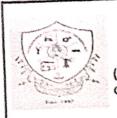
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Internship report

Bandalore - 560 074

2022-2022



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Estd: 1972

Ref: VKIT/EST/ 223 /2019-20

Circular

24.07.2019

At the outset, The National Institute of Rural Development and Panchayat Raj (NIRD&PR) is organizing "Rural Innovators Start-Up Conclave-2019" (RISC-19) for two days during 27th-28th September 2019 at NIRD&PR, Hyderabad. The best three projects will be given cash prize of Rs. 10.000, Rs. 7,500 and Rs. 5,000 from each category of the following themes: (a) Agriculture and allied activity, (b) Green Energy Solutions (Solar, Wind, biogas, hybrid etc.), (c) Drinking Water and Sanitation, (d) Waste to Wealth (Liquid, Solid and Recycling), (e) Sustainable Housing, (f) Sustainable Livelihood, (g) Health and Elderly care.

In this connection, all the HoD's are hereby informed to submit the following details to Dr. Shaila K, Professor, Department of Electronics and Communication Engineering on or before 27th July 2019.

- (1) List of three best projects which were selected during the Project Exhibition 2018-19 (Name, USN, Title of the Project)
- (2) Name and Mobile number of the Faculty Coo-ordinator who was incharge of Project Work in 2018-19.

CC 10: CSE/ISE/ECE/ME/CV

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Bangalore - 560 074

mand day 1121 2023



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Gudimavu, Kumbalagodu, Bengaluru – 560 074

Ph: 080-28437696/28437036, Fax: 080-28437944 email: vkitprincipal@gmail.com website: www.vitb.ac.in

Institute Innovation Council

ORGANIZING COMMITTEE

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Head of the Institution &

President:

Dr. Kumar Kenche Gowda

Convenor:

Prof. R Chandramma

Dr. Shaila K – Chairman, Innovation Activity Coordinator

Dr. Jyothilakshmi P-Internship

Activity Coordinator

Dr. N P Nethravathi-Social Media

Coordinator Prof. Harish T S-IPR Activity

Coordinator

Prof. Manjunath-Start-Up Co-

ordinator

Dr. Vidya A-ARIIA Coordin-ator

Prof. Vanajakshi P - NIRF

Coordinator

Ref: VKIT/HC/RISC-4/8/2019-20

30.09.2019

Report on

"Ride Challenge of RISC-2019"

Event Date: 27th -28th September 2019

The total no of participants: 7batches (27 students).

Objective:

- To participate in the project exhibition that is useful to rural society.
- To expose the talent of our students.

About the Event:

Every year Centre of Innovations and Appropriate Technologies, National Institute of Rural Development and Panchayat Raj (NIRD & PR) organises the Rural Innovators Start-up Conclave (RISC). Dr. Shaila K, Innovator Co-ordinator had applied for nine students projects in RISC-2019. Out which seven projects were selected for participation in the Ride Challenge of RISC-2019 that was held on $27^{th} - 28^{th}$ September 2019.

The following batches were selected to participate in Ride Challenge of RISC-2019 by NIRD & PR).

Mechanical Engineering

			Title
	USN	Name	
1	VK14ME047	Niranjan Gowda	Low Speed wind Turbine
1	VK16ME412	Dilip Keludi	
1	VK16ME424	Mohan Kumar	
1	VK16ME429	Prajwal	CO'l Com Water
1	VK16ME414	Girish	Extension of Oil from Water
1	IVK16ME417	Hemanth Kumar S	Plastic
	IVK16ME428	Pradeep A S	2 Faringian
	IVK16ME013	Punith Gowda H S	Performance & Emission
-	1VK16ME005	Anirudh	Characterisitics of CI Engine Fuelled with Sesame Oil &
are as leave	1VK16ME021	Puneeth Kumar M	t and the second
-	1VK16ME420	Kiran G	Biotic Additive



Information Science and Engineering

			Title
	USN	Name	
	1VK15IS021	S Amrutha	Smart Electronic AID for
	1VK15IS020	Ramya S	Visually Impaired People
-	1VK15IS002	Anagha M	
1	1VK15IS001	Amina Shireen	

Civil Engineering

USN	Name	Title
1VK15CV029	Yogesh R	Use of LDPE & Line on a
1VK16CV427	Prashanth M	Bituminous Mix:An Experimental
1VK16CV438	Vikas H	Study
1VK16CV401	Adarsha C N	

Computer Science and Engineering

USN	Name	Title
1VK15CS041	Praveen K S	Crowd Monitoring System
1VK15CS046	Rheeshabha K S	
1VK15CS058	Vignesh Kumar M	
1VK15CS048	Sakshi Devangi C	I Dear
1VK15CS054	Ravindra K	Advanced Face Recognization Based Door
1VK16CS401	Naveen Kumar M K	Locking System Using Raspberry Pi
1VK15CS052	Shridhar H Duttaragi	
1VK15CS055	Swathi S Prabhu	

The following batches received second prize:

USN	Name	Title	Guide
1VK14ME047	Niranjan Gowda	Low Speed wind Turbine	Dr. Kumar Kenche
1VK16ME412	Dilip Keludi		Gowda, Principal
1VK16ME424	Mohan Kumar		
1VK16ME429	Prajwal		Ms. Poorvitha, Asst. Prof.,
1VK15CS041	Praveen K S	Crowd Monitoring System	Dept. of CSE.
1VK15CS046	Rheeshabha K S		Dept. of CSE.
1VK15CS058	Vignesh Kumar M		
1VK15CS048	Sakshi Devangi C		

Outcome:

- The students exhibited there projects.
- Two of the project batches received second prize and another two projects were identified by the
- start-ups and the project will be implemented in real time.







Principal
VIVEKANANDA INSTITUTE OF TECHNOLOGY
Bangalore - 560 074









Dr. DV Chandrashekar

Prof. & Innovation

IQAC Head

Activity Co-ordinator

Dr. Kumar Kenche Gowda President & Head of the Institute

VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074









INSTITUTE INNOVATION COUNCIL (IIC ID: IC201912167)

IIC5.0 (Academic Year 2022-23)



ELECTRONICS FORUM

REPORT

of

ONLINE MENTORING SESSION

on

"Lean Startup and Minimum Viable Product/ Business"

Department of Electronics and Communication Engineering

Principal

VIVEKANANDA INSTITUTE OF TECHNOLOGY

Bandalore - 560 074

INTRODUCTION

The online mentoring session on "Lean Startup and Minimum Viable Product/Business" was organized on 30th August 2023, by Department of Electronics and Communication Engineering, under Electronics Forum in association with IIC-VKIT. The event was conducted as part of student's exposure to setting up of new startup to coup with modern product /business ideas. The session was chaired and key note address given by Mr.Santhosh Ittanagi ,Head of Innovation and Entrepreneurship,Visvesvaraya Research and Innovation Foundation, VTU Belagavi. The target audience was,all second year and first year B.E students of VKIT, Bangalore.

The session started with welcome speech by Shreelakshmi V,Assistant Professor, Department of Electronics and Communication Engineering, Vivekananda Institute of technology, Bangalore. Then Prof.Sushmitha B.C,Assistant Professor, gave a brief introduction regarding the keynote speaker. Then the session started by **Mr.Santhosh Ittanagi**. Dr.Bhagyalakshmi.N,HOD, Department of Electronics and Communication Engineering, Vivekananda Institute of technology, Bangalore gave vote of thanks.

Principal

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JANATHA EDUCATION SOCIETY (R)

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INSTITUTE INNOVATION COUNCIL 5.0 - VKIT
In association with Electronic Forum
cordially invites you for online mentoring season on

DEPARTMENT OF ELECTPONICS AND



Lean Startup and minimum viable Product/Business



SPEAKER

Head of Innovation and Entrepreneurship VTU's Visvesvaraya Research and Innovation Foundation

An IOAC Initiative

All Students and Faculty members are invited to attend the online session



30-Aug-2021

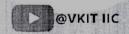


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Dr. WIDYA A resident HC · VK T Dr. SMAN.A. K Vice President, N. - VK i Dr. 0 V CHANDRASHEKAR

HOD, Dept. of C

Prof. Dept. of ECE



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instagram.com/iic_vkit

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Bandalore - 560 07/

FACULTY COORDINATORS

- 1. Prof. Faisal K, Assistant Professor, Dept of ECE
- 2. Prof. Sujatha S Ari, Assistant Professor, Dept of ECE

ACTIVITY THEME

Empowerment of individual hidden talents in startup initiatives.

MODE OF CONDUCTION

Online

PARTICIPANTS DETAILS

- 4th and 2nd Semester students of all branches
- All Faculties

SPEAKER DETAILS



Mr. Santosh Ittanagi is Head of Innovation & Entrepreneurship, VTU's Visvesvaraya Research & Innovation Foundation. Santosh Ittanagi, is from a rural part of Belagavi, He graduated from JSS College, Gokak, and moved to Hyderabad for his career. He started his career as a recruiter but as he was more enthusiastic about empowerment, he decided to move towards the development sector. He joined the Kakatiya Sandbox which was founded by Silicon Valley entrepreneur Mr. Raju Reddy and Redbus founder Mr. Phanindra Sama. He used to work with colleges and startup ecosystems to foster entrepreneurship in tier-2 cities of Telangana state. After spending a good number of years in Telangana, He moved to Karnataka and was part of the Deshpande Foundation to promote entrepreneurship in the colleges through the LEAD program. Where he was engaged in Youth empowerment and entrepreneurship. He is a serial entrepreneurs, He is the founder of Tevani, a FinTech startup, a saving platform for unorganized sector. He is the founder of Belagavi Venture Capitals to support the entrepreneurs. Now, He is serving as The Head of Innovation & Entrepreneurship at VTU's Visvesvaraya Research & Innovation Foundation.

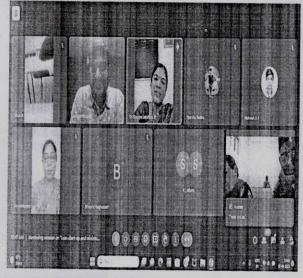
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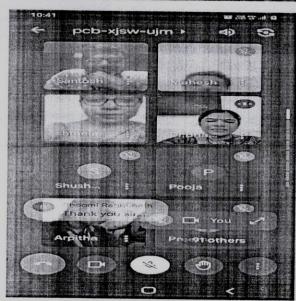
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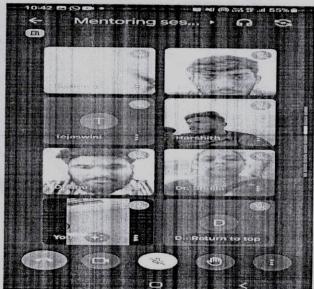
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SESSION PHOTOS

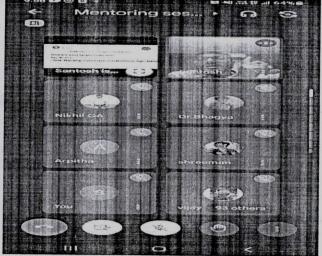








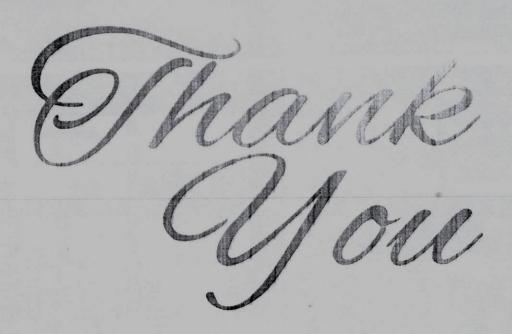




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SESSION OUTCOME

The session was highly interactive. The students got an idea of planning, and executing startup innovative ideas with exposure to latest stat of the art IT enabled tools. As the session title indicated, it was really a mentoring session, where the speaker explained each and every step involved in strategic startup planning. With iterative brainstorming, he gave detailed insight into problems and challenges in the planning and execution of new startup ideas for both services as well as product sector. Clear knowledge on innovation only can lead them to success and team work makes them successful leaders.



Dr.Bhagyalakshmi N Program Convener Prof. & HOD Department of ECE

Principal Principal

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Principal/IQAC Head



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Students List Attended IIC Online Mentoring Session

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Date: 30.08.23

		A Section	Date. 50.00.25
Sl No	USN	Name of the student	Sign
1	1VK22EC001	ADITHYA K S	ASTIL.
2	1VK22EC002	AKASH B P	ATO
3	1VK22EC003	ANANYA A S	A
4	1VK22EC004	ARPITHA C S	$\mathcal{Q}_{\mathcal{A}}$
5	1VK22EC007	BHEEMASHANKAR BABLESHWAR	Blin
6	1VK22EC008	ВНООМІКА Н S	Choonigka.
7	1VK22EC009	CHAGABANDA PRAVEEN KUMAR	Pray
8	1VK22EC010	CHANDANA G	Chander
9	1VK22EC011	CHANDANA K	Qe_
10	1VK22EC012	CHETHANA K N	chetnana. KN
11	1VK22EC015	HARSHAVARDHANA REDDY A	Reddy
12	1VK22EC016	HARSHITHA M M	Hannikuam.M
13	1VK22EC017	HEMANTH D P	Remody 12
14	1VK22EC018	HITHA SHREEN K	llassline
15	1VK22EC019	J SNEHA	J. Snehe
16	1VK22EC020	MAHADEVA PRABHU M	M. Prabhu.
17	1VK22EC021	MEENA N	Meena:N
18	1VK22EC022	NANDINI D	Mandini D
19	1VK22EC023	NANDINI M	grandin M
20	1VK22EC024	NIDHI M	MEDIE -
21-	1VK22EC025	NIKHIL G _. A	Netalal
22	1VK22EC026	NIKHITHA KALLAPPA HARIJAN	NikiThat
23	1VK22EC027	PRAKRUTHI D	Porafothi
24	1VK22EC028	PREETHAM E	Brethan
25	1VK22EC029	PREETI RAMESH RADARATTI	Preed
26	1VK22EC030	PUNYA LAKSHMI P S	Remark
27	1VK22EC032	RAJATH KUMAR PANDA	2
28	1VK22EC033	RAKESH N S	Rakilhadi
29	1VK22EC034	RANJITHA K S	Vougitta

			. 1
30	1VK22EC035	RASHMI B	Radis
31	1VK22EC036	RASHMI M C	Raipini
32	1VK22EC038	SAHAN A	Shaho +
33	1VK22EC039	SANGMESH	Langracesh
34	1VK22EC040	SANJANA PATIL	Calil
35	1VK22EC041	SANTOSH	Be
36	1VK22EC043	SHALINI T R	Chalini T. R
37	1VK22EC044	SHARANABASAPPA KAICHERI	Shagan
38	1VK22EC045	SINCHANA K N	Sinchana. K.N.
39	1VK22EC046	SNEHA N	Snehe M
40	1VK22EC048	SOWMYA SHREE N	Sourya. N.
41	1VK22EC050	SRINIVAS L R	ERI,
42	1VK22EC051	SUNIL KARAKIKATTI	Sonit.
43	1VK22EC052	SUSHANT BHARAT PATIL	Skati
44	1VK22EC053	SWATHI M	Siati_A
45	1VK22EC055	VIJAY CHATNALLI	Val
46	1VK22EC056	YASHASHWINI M N	tosh
47	1VK22EC057	YASHASWINI GOWDA H K	Junk
48	1VK22EC058	YASHWANTH KUMAR R	afor
49	1VK22EC059	YOGITHA S	Legado

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Students List Attended IIC Online Mentoring Session

C Section

Date: 30.08.23

Sl No	USN	Name of the student	Sign
1	1VK22CS003	AISHWARYA	Aco
2	1VK22CS005	AKSHAY MANJUNATH BHAT	Acalon
3	1VK22CS008	ANJALI M	Azjali M.
4	1VK22AI003	ANU N	Aus
5	1VK22AI006	BHOOMIKA R	Burk
6	1VK22CS014	BHOOMIKA S	Bhumika -
7	1VK22CS016	BINDU N E	Bindy
8	1VK22CS017	CHAITANYA C	Chattanya C
9	1VK22AI007	CHAMAN S	chas
10	1VK22AI008	CHARISHMA K L	Charlshma K.L
11	1VK22AI009	CHETHAN D	Chethan
12	1VK22CS021	DEEKSHITHA D A	DOA:
13	1VK22CS022	DEVACHARYA	- Two along
14	1VK22CS023	DIANA WILLIAMS	Laterious
15	1VK22AI011	DIVYA B A	Divya B.A
16	1VK22AI012	DIVYA SHREE S	doupaline
17	1VK22AI013	GOWTHAM S	youthan
18	1VK22CS026	HARSHA K J	Harrhale
19	1VK22CS027	HARSHITH P B	Harshitte.
20	1VK22CS028	HITHAISHINI G	Hung
.21	1VK22CS031	KARAN T R	Haran T.R
22	1VK22AI016	KARTHIK KUMAR V GUPTA	KAPPUK
23 -	1VK22CS032	KAVANA A M	
24	1VK22CS033	KAVANA S J	Kayana.S.J
25	1VK22CS035	KRUTHIKA N	Kand
26	1VK22AI019	KUMARASWAMY N	LumaRasimy
27	IVK22CS036	LAVANYA K M	1
28	1VK22AI020	LIKITHA R	Letok
29	1VK22AI021	LIKITHASHREE S A	Likittashus A

30	1VK22CS037	M D ABHINAV KARTHIK	MEAR
31	1VK22CS038	M R POOJA	M.R. Pooja
32	1VK22CS039	MAHALAKSHMI H N	Mabalakshni+
33	1VK22CS041	MANASA SANJAY	Mahare
34	1VK22AI023	MANJULI KUMARI	Maujul: kum
35	1VK22CS044	MEDHA SHANKAR BHAT	Medha shankar
36	1VK22CS046	NIRANJAN GOWDA B J	Kilyan
37	1VK22CSO48	NITHIN GOWDA M S	Nitten Son
38	1VK22AI025	NITHYALAKSHMI K	With you lakehan
39	1VK22CS051	PANCHAMI R	(P)
40	1VK22AI026	PRAJWAL P L	Plajwal
41	1VK22AI028	RACHANA M R	Rachau
42	1VK22CS057	RAKSHITHA J	Royshitha J.
43	1VK22CS059	S RAKESH KUMAR	Sook She Kong.
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Principal

VIVEKANANDA INSTITUTE OF TECHNOLOGY
Bangalore - 560 074



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	20111		•

Date: 30.08.23

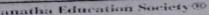
Sl No	USN	Name of the student	Sign
1	1VK21EC001	ABHILASH B A	(3) 6 g
2	1VK21EC002	ADITI SHENOY Y	A TOTAL TOTA
3	1VK21EC004	AKSHATHA L	Abehaller
4	1VK21EC005	BHAVANA L	Bhaugua.L
5	1VK21EC008	CHIDANAND R S	Chiedanand's
6	1VK21EC009	DEEKSHITHA N	Dee Cshitha N
7	1VK21EC010	DEEPIKA Y	Derkay
8	1VK21EC011	DHANUSH H R	Clark. HR,
9	1VK21EC012	HARSHITH KUMAR H	Pichas
10	1VK21EC013	JAYANTH R	Jough
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12	1VK21EC015	MASOOD AHMED	Q.A.
13	1VK21EC016	MUDDA HONNESH H D	Janada Jonesen
14	1VK21EC017	NIKHIL B S	Chris &
15	1VK21EC018	PAVAN KALYAN R	Punku. R
16	1VK21EC019	SANDHYA V R	Handleyov, R
17	1VK21EC020	SHUBHA SHREE T M	Shuldra stree. T. P
18	1VK21EC021	TEJASHREE JEEVANRAO DESAI	Tribual
19	1VK21EC023	VARSHINI B N	Deign

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proved by AICTE. New Delhi, Recognized by Govt. of Kainatako. Affiliated to Vitu, Sangalone 569 074.
Gudimavu, Kumbalagodu Post, Kengeri Hobli, Bongolone 569 074.
bile: +91 7625013435 Office: 080 -2843 7696, 28437036 fox: 080-28437944
URL: https://vitb.ac.in/ Mail: vkitprinclpal@gmail.com









INSTITUTE INNOVATION COUNCIL (VKIT-IIC) IIC ID: IC201912167

IIC4.0 (Academic Year 2021-22

Ref: VKIT/IIC/2\ /2021-22

Report on "Photonic Integrated Circuits and Applications"

Thrust Area: Innovation and Design Thinking

Quarter: 3.

Sem: 2

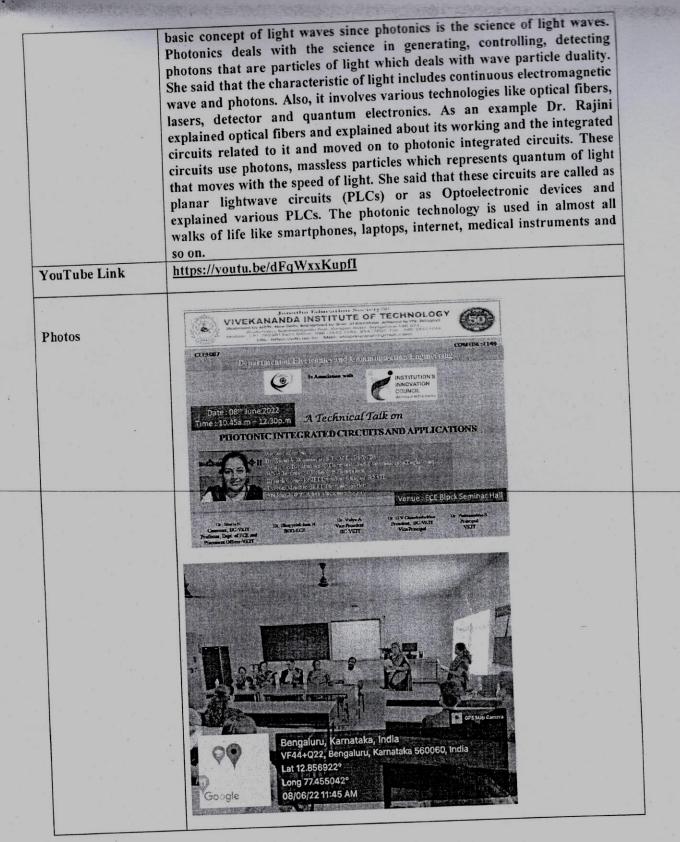
Theme	Innovation
Title	Photonics Integrated Circuits and Applications
Mode of Session	Offline
delivery	
Date	8 th June 2022
Time	10.45a.m – 12.30p.m
Duration	105 mins
Faculty Coordinator Name	Dr. Shaila K
Student Coordinator Name	Ms. Amrutha
Mandatory/Elective	Self Driven
Expert/Speaker Details	Dr. Rajini V Honnungar, B.E., M.E., Ph.D (IISc) Professor, Department of Electronics and Communication Engineering, R N S Institute of Technology, Bengaluru Branch Counselor IEEE Student Chapter, RNSIT Execom Member- IEEE Photonics Society, Student Activity Chair Photonics Society

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	Dr. Rajini V Honnungar is currently working as Professor in the Department of Electronics and Communication Engineering at R N S Institute of Technology, Bengaluru. She obtained her B.E degree in Electronics and Communication Engineering from Dr Ambedkar Institute of Technology, M.Tech in Electronics from B M S College of Engineering, Ph. D in Electronics and Communication from Indian Institute of Science. She has a total of 23 years of experience in teaching. She has published papers in refereed International Journals and International Conferences. She has received Best Teacher Award in 2006 at RNSIT, won best paper award at the International Conference on Optics and Optoelectronics in 2014, Branch Counselor for RNSIT IEEE Student Branch, Reviewer and Session Chair for IEEE Connect 2020. She received Rs. 21akh as Cocordinator under the VTU Competitive Research Funding in 2020 and Rs.93,000/- as Co-ordinator for the AICTE sponsored five days online FDP on "Recent Trends in the World of Photonics"
No. of students participated	60
Number of Faculty Participants	08
Number of external participants (if any)	NIL
Expenditure	Rs.2,760=00
	Outcome of the Session
Objective (100 words)	The main objective of this technical talk is to make the students and faculties to understand the concept of photonics, integrated circuits using the concept of photonics and its applications.
Benefits interms of learning/Skill/Know ledge obtained (150 words)	optics and to the evolution of photonics and its ciruits.
Description	The technical talk on "Photonics Integrated Circuits and Applications" was conducted by Department of Electronics and Communication Engineering in association with Institute Innovation Council, VKIT. The complete MC was taken care by Prof. Poornima H S, Assistant Professor, Dept. of ECE. Dr. Bhagyalakshmi N, HoD, Dept. of ECE welcomed the dignitaries. Smt. Indira Gopala Krishna, Vice Chairman, VKIT, Dr. N Govindaraju, Advisor and Administrator, VKIT, Dr. Padmanabha S, Principal addressed the gathering. Dr. Shaila K, Activity Coordinator arranged the resource person and introduced briefed about the session scheme and session. On behalf of Management, Principal and IIC Team she thanked MIC and AICTE for giving the financial assistance for conducting the event. Dr. Padmanabha S, Principal welcomed the resource person and highlighted the importance of the session. Dr. Rajini V H explained starting from the

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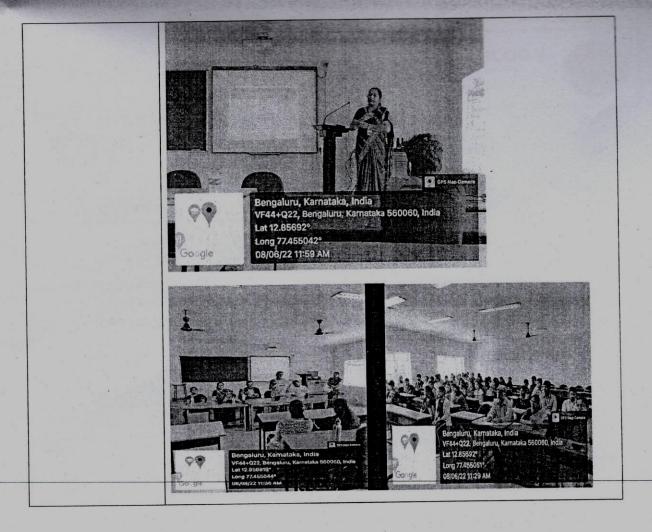
Bangalore - 560 074





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Bangalore - 560 074



Dr. Shaila K Activity Coordinator Dr. Bhagyalakshmi N HoD-ECE

Vice President

Chandrashekhar President

Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074

Dr Shaila K

Convener

Head of the Institution

Principal Vivebananda institute of Technology



सत्यमेव जयते

Department of Science and Technology Government of India

REPORT ON

ENTREPRENEURSHIP AWARENESS CAMP-I (EAC-I)

SEPTEMBER 2019



Submitted by:

Dr.Bhagyalakshmi.N Professor and HOD

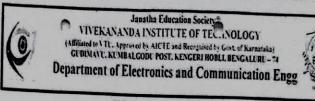
Department of Electronics and Communication Engineering, VIVEKANANDA INSTITUTE OF TECHNOLOGY
Bangalore - 560074.

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1



Electronics Forum

Three day "Entrepreneurship Awareness Camp - 1" from 25th - 27th September 2019

Program schedule

Venue: VKIT Seminar Hall

Day	Session-I 09.30 am - 10.30am		Session-II 11.00 am-12.30pm		Session-III 1.30pm-2.30pm		Session-IV 3.00pm-4.00pm
25.09.19	Inauguration Chief Guest Mrs. Pallavi Ghildiyal Founder & Director	Tea	Historical Background and Inception of SSI.	break	Identification of opportunities for entrepreneurs.		Support and financial assistance from Gova agencies, banks, financial institutions, SFCs and others-securities demanded by Fls.banks.
	Eduvance Mantra		Mrs. Pallavi Ghildiyal		Mr. Shashank S Tirumale Business Coach Xolcano Technologies Pvr	Ten break	Mr. Shrikaeth S Tirumale Entrepreneur Conch Xolcano Technologies Pvt LTD
	Financial aspects of SSI				LTD		- remonition Life File
26.09.19	Mrs. Nithyashree N.M Carrier Counselor Xolcano Technologies Pvt LTD		Industry Visit	Lunch	Industry Visit		Industry Visit
27.09.19	Entrepreneurship need and development in India		Communication skills (Interacting with people for better results in business)		Entrepreneurship		Feedback and valedictory
	Mr. Sunil Kumar, R Senior Program Manager Microsoft Chaptal 18 09 19		Mrs. Nithyashree N.M Carrier Counselor Xolcano Technologies Pvt LTD		skills development Mrs. Shantha Kumari Senior Software engineer		

Convener Convener

Dr.Bhagyalakshmi.N Professor & HOD Principal 1849

Dr. Kumar Kenche Gowda

27/10/2005

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VIVEKANANDA INSTITUTE OF TECHNOLOGY
Bandalore - 560 074

LIST OF FACULTY / RESOURCE PERSONS

SL.No	Name And Address	Designation	Organisation
1.	Name: Mrs.Pallavi Ghildhiyal Address: 694/41,Shanthakaram,BEML 5 th stage,Landmark:Dhaneshwari Paradise Apartment,RajarajeshwariNagar, Bangalore-560098,Karnataka	Founder & Director	Eduvance Mantra
2.	Name: Mr. Shashank S Tirumale Address: #424, 1 st Floor, 9 th Main Road, Near Vijayanagar Metro station, Bangalore-560040 Karnataka	Business Coach	Xolcano Technologies Pvt LTD
3.	Name: Mr. Shrikanth S Tirumale Address: #424, 1 st Floor, 9 th Main Road, Near Vijayanagar Metro station ,Bangalore-560040 Karnataka	Entrepreneur Coach	Xolcano Technologies Pvt LTD
4.	Name: Ms. Nithyashree N.M Address: #424, 1 st Floor, 9 th Main Road, Near Vijayanagar Metro station, Bangalore-560040 Karnataka	Carrier Counselor	Xolcano Technologies Pvt LTD
5.	Name: Mr. Sunil Kumar. R Address: MIG1/A, Sanjeeva Nilaya,1 st E Main,9 th Cross,Kengeri Satellite town,Bengaluru – 560060, Karnataka	Senior Program Manager	Microsoft
	Name: Mrs. Shantha Kumari Address: : #424, 1 st Floor, 9 th Main Road, Near Vijayanagar Metro station, Bangalore-560040 Karnataka	Senior Software Engineer	Intel

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LIST OF INDUSTRY VISITED

SL.NO	Name, Address and Contact details	Branch	Products / Service	
1.	Neutech Solar Systems Pvt Ltd., Survey No-9/15, Channenahally Grama Panchayat, Magadi Main Road, Seegehalli Yarappa Industrila Estate, Banglore. Mob: 8884420506	ECE,CSE,ISE,Civil	Solar Water Heater, Water Purifier, Solar Stoves.	

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CEEPER STATISTICS STATISTICS

Day-2

INDUSTRY VISIT

The industrial visit was organised to Neutech Solar Systems Pvt. Ltd for CSE, ISE, Civil and ECE students.

Vision of the Company

 To provide greater quality of individual life, enhance organizational efficiency and create safer world, thanks to improved harnessing of solar energy.

Neutech Solar Systems Pvt. Ltd. is an innovative Solar Thermal Energy Company, focused on providing energy solutions by using Concentrated Technology. Since its inception, it has been a technologically, solution focused company driven by strong passion for environmental and social contribution combined with high creativity and integrity. Using the power of sun as source of energy, Neutech Solar Systems Pvt. Ltd. has implemented some of the world's largest Solar Thermal Systems and Solar power projects.

Nuetech runs with a vision of "Greater quality of individual life, enhanced organizational efficiency and safer world, thanks to improved harnessing of solar energy".

Solar Powered Products play a critical role in healing the world, conserving the planet's fast-depleting resources and accelerating development in energy-starved regions. Neutech Solar Systems Pvt. Ltd, are a globally reputed manufacturer, exporter and supplier of Solar Lights, Outdoor Lights, Solar Water Heaters, Pressurized Solar Water Heater, Solar rooftop and Power plant and Water purifiers.

Solar power pack a break-through in solar rooftop projects. Not only have they designed projects with high efficiency, but have also developed extremely long life, zero maintenance Solar panels, batteries and custom design poles and that withstand all weather conditions, storms and monsoons.

Solar powered, rooftop/ Hybrid / pumps under Solar power generation is endless. A cost effective investment for years, these lights come in a number of specification, designs, Quality and after sale to meet your expectations. Total customer satisfaction is what we seek and strive to achieve by offering the latest and proven technology. All the activities design, materials selection, internal quality assurance, engineering testing and servicing are geared towards maintaining the highest standard of quality and reliability.

When visited to the company, they in detail explained about manufacturing and working of solar water heaters, panels. Created awareness of using available natural resources efficiently in order to minimise the usage of artificial resources and hence, help in reducing energy crisis.

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi - 590018, Karnataka



A PROJECT REPORT ON

"EXTENSIVE SURVEY PROJECT"

Submitted in partial fulfilment of the requirements for the award of degree

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

CHETHAN P 1VK20CV001

Under the guidence of

Mr. SIDDARAJU N

Assistant Professor DEPT OF CIVIL ENGINEERING



Janatha Education Society(R)
DEPARTMENT OF CIVIL ENGINEERING
VIVEKANANDA INSTITUTE OF TECHNOLOGY
Gudimavu,Kumbalagudu Post, Kengeri Hobli,Bengaluru-560074

Principal Principal

2022-2023

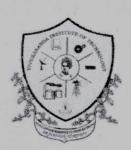
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Department of CIVIL ENGINEERING CERTIFICATE

This is to certify that the project work entitled "Extensive Survey Project" carried out by CHETHAN P bearing the USN:1VK20CV001 is a bonafide student of Vivekananda Institute of Technology, Bengaluru in partial fulfillment of the requirements for the sixth semester EXTENSIVE SURVEY PROJECT (18CVEP68) of Bachelor of Civil Engineering of the Visveshwaraya Technological University, Belagavi during the year 2022-23. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The survey project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said degree.

Signature of the Guide

& 19/09/23 Amount

Mr. Siddaraju . N Assistant Professor, Dept. of Civil Engineering VKIT, Bengaluru Signature of the Incharge HOD

Mr. Harish TS

ASSISTANT Prof
Dept. of Civil
Engineering
VKIT, Bengaluru

Signature of the Principal

Dr. D V Chandrashekar Principal VKIT, Bengaluru

External Viva-Voce

Name of the Examiners

Signature with date

Runeeth, M.

\$ 1917 123

Principal Offinations of Technology

Bangalore - 560 074



VIVEKANANDA TECHNOLOGY

IAFRIATED TO VTU BELAGAM, APPROVED BY AUCTE NEW DELHI AND RECOGNISED BY DOVT. OF KARNATAKAI
GUDIMAVU, KUMBALAGODU POST, KENGERI HOBLI, BENGALURU – 74
website: www.vitb.ac.in Ph. 080-28437696/28437036, Fax: 080-28437944
email:vkitprincipal@gmail.com



INSTITUTE INNOVATION COUNCIL (VKIT-IIC)

IIC5.0 (Academic Year 2022-23)

Ref: VKIT/IIC/ 1/2022-23

Report of "Exposure and field visit for problem identification"

Semester: SEM-1

Thrust Area: Motivation

Quarter: 1

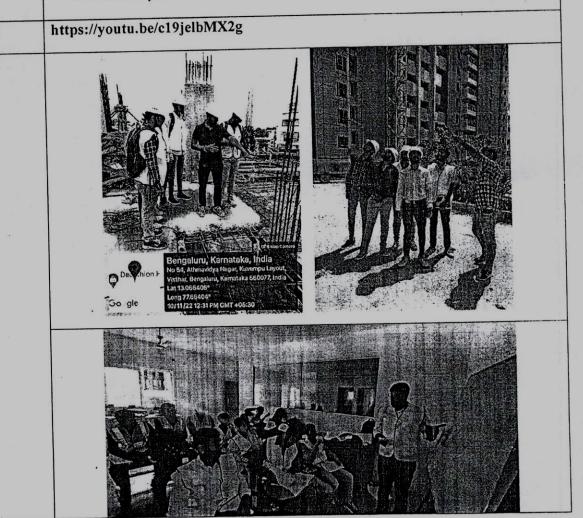
Theme	Innovation			
Activity Name	Exposure and field visit for problem identification			
Mode of Conduct	Offline Field Visit			
Date and Time	10-11-2022 11:00am to 2:00pm			
Mandatory/Elective	Mandatory			
Participants Attended/ as per YouTube View	Students 40			
Feedback submitted by Participants	The overall feedback of the workshop was very positive.			
Description	Exposure and field visits can be useful in identifying problems and challenges in a construction site. Exposure involves spending time on the construction site to gain an understanding of the issues that workers and managers face. This could involve observing the work processes, talking to workers, and understanding the site layout and logistics. A field visit, on the other hand, involves physically visiting the construction site to assess its conditions and identify any problems that may exist. This could involve inspecting the site for safety hazards, evaluating the quality of work being performed, and identifying any inefficiencies or bottlenecks in the construction process. Both exposure and field visits can be useful in identifying problems related to construction site safety, environmental impact, and construction quality. For example, exposure could reveal that workers are not wearing appropriate safety gear or that the site lacks proper safety measures. A field visit could reveal that the construction site is causing excessive noise pollution or generating hazardous waste. Overall, exposure and field visits are important tools for identifying problems in construction sites, and can be used to develop effective solutions and interventions to address these issues. About 40 students attended the field visit. The queries of the students were very well handled by the Engineers at site.			

Objectives:

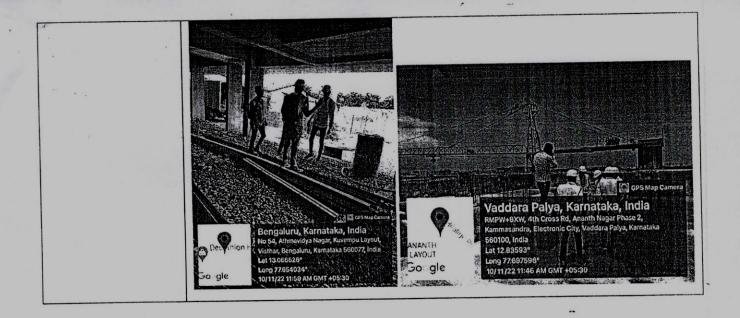
- 1. Exposure and field visits can help students to understand the various work processes on a construction site. This can provide insights into the factors that impact productivity, efficiency, and quality of work.
- 2. To identify potential hazards on a construction site, such as unsafe working conditions, hazardous materials, or environmental risks. This information can be used to develop strategies to mitigate these hazards and protect workers and the environment.
- 3. To assess whether the construction site is complying with regulatory requirements, such as building codes, safety regulations, or environmental regulations.
- 4. To evaluate the impact of construction activities on the surrounding environment, including noise pollution, dust, and waste management. This can provide insights into areas where the construction site can improve its environmental impact.
- 5. To identify areas where the construction site can improve, such as by optimizing work processes, improving safety measures, or reducing waste. This information can be used to develop targeted strategies for improvement and optimize the construction process.

YouTube Link

Photo







Mr. Harish T S

Activity Coordinator Social Media Coordinator, **IIC-VKIT**

Dr. Padmanabha S Head of the Institution

Convener, IIC-VKIT

PRINCIPAL Vivekananda Institute of Technologi Gudimavu Kurr balagudu, Kengeri im

Bangaiore - 560 074.

Vice President, IIC-VKIT

President, IIC-VKIT

Principal VIVEKANANDA INSTITUTE OF TECHNOLOG' Bangalore - 560 074

VIVEKANANDA INSTITUTE OF TECHNOLOGY INSTITUTE INNOVATION COUNCIL

Academic Year 2022-2023 IIC 5.0 Semester 1, Quarter 1 Activity: Exposure and field visit for Problem Identification

Date: 10-11-2022

Attendance Sheet

SI. No.	USN	STUDENT NAME	Signature
1	1VK18CV003	GURUKIRAN N	4
2	1VK18CV010	NITHIN G V	A STATE OF THE STA
3	1VK18CV014	RAGHUNATH G R	Red.
4	1VK19CV001	AISHWARYA H	And
5	1VK19CV002	AKHILESH GOWDA R	ACC
6	1VK19CV003	AMOS MIZE	48
7	1VK19CV005	GURURAJ R DAVALAGI	Such.
8	1VK19CV006	HARISH M	March .
9	1VK19CV007	LALITHADITHYA P L	Lunk
10	1VK19CV008	MANOJ N	MANOJ.N
11	1VK19CV009	NISHANT KUMAR	AXISH -
12	1VK19CV010	RAHUL	RAUVL
13	1VK19CV011	SHRAVAN P P	2
14	1VK20CV400	KEERTHI BHAT M	Ken .
15	1VK20CV401	LOKESHA M	LOKESHAM.
16	1VK20CV402	MUKESH U	MUKESH.
17	1VK20ME001	BHARATH GM	1000
18	1VK20ME002	S PRAKASH	PER HISTOR
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20	1VK21ME400	GOPI AK	67
21	1VK21ME401	VINOD S	14 NOO
22	1VK20CV001	CHETHAN P	4)-
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26	1VK20CV005	KAVYA B R	KAUYA .
27	1VK20CV006	KIRAN H R	KARN. M.R.
28	1VK20CV00	7 KUSHAL S	**
29	1VK20CV008	8 LEKHAK K S	LEKHAK.
30	1VK20CV00	MADHU SHARAN	to.

Darrey 24/17/9073 VIVEKANANDA INSTITUTE OF TECHNOLOGY

Bangalore - 560 074

PRINCIPAL

Vivekananda Institute of Technology Gudimavu, Kumbalagudu, Kengeri (H) Bangaiore - 560 074.

Academic Year 2022-2023

IIC 5.0 Semester 1, Quarter 1

Activity: Exposure and field visit for Problem Identification

Date: 10-11-2022

Attendance Sheet

Sl. No.	USN	STUDENT NAME	Signature
31	1VK20CV010	NISHANTH S	D.
32	1VK20CV011	NITHIN D	A-10-
33	1VK20CV012	PRATHICK H R	DRATHICK.
34	1VK20CV013	PRATIKSHA A NAIK	R
35	1VK20CV014	RAMESH B	D . B
36	1VK20CV015	RAMYA M	RMYAM
37	1VK20CV016	RANJITHA C	RANJTTHAL
38	1VK20CV017	SRIVATSA R	Q
39	1VK20CV018	VIKAS GOWDA S	VICKAS GOLDAS.
40	1VK21CV400	BASAVARAJA H	BAO:

Activity Coordinator

Convener HC-VKIT

Darrey 2x/17/9073

Principal

VIVEKANANDA INSTITUTE OF TECHNOLOGY

Bangalore - 560 074

Spale PRINCIPAL PRINCIPAL

Vivekananda Institute of Technology Gudimavu Kunistada Kengeri (H) Banguare of 174.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JnanaSangama, Belagavi - 590 018



SOCIAL CONNECT AND RESPONSIBILITIES

(21SCR36)

Submitted in partial fulfillment of the requirements between 2nd and 3rd Semester in the year 2022-2023

Bachelor of Engineering

In

Electronics and Communication Engineering

Bv

DEEPIKA Y	1VK21EC010
HARSHITH KUMAR H	1VK21EC012
PAVAN KALYAN R	1VK21EC018
SHUBHASHREE T M	1VK21EC020
VIKAS N N	1VK21EC024

Under the Guidance of

Dr. SHAILA K

Professor, Department of ECE and Placement Officer-VKIT





VIVEKANANDA INSTITUTE OF TECHNOLOGY

Gudimavu, Kumbalgodu(P), Kengeri(H), Bengaluru -560074 2022-2023

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VIVEKANANDA INSTITUTE OF TECHNOLOGY

Gudimavu, Kumbalgodu(P), Kengeri(H), Bengaluru -560074

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

&ISCR36

This is to certify that the cause code, titled "Social Connect and Responsibility" is carried out

DEEPIKA Y:

1VK21EC010

HARSHITH KUMAR H: 1VK21EC012

PAVAN KALYAN R:

1VK21EC018

SHUBHA SHREE T M: 1VK21EC020

VIKAS N N:

1VK21EC024

who are the Bonafide students of Vivekananda Institute of Technology, Bengaluru, in partial fulfillment of the requirements for the award of the degree Bachelor of Engineering in Electronics and Communication Engineering of Visveswaraya Technology University, Belagavi, Karnataka during the academic year 2022-2023. It is certified that the corrections/suggestions indicated for the Internal Assessment have been incorporated in the Social Connect and Responsibility report deposited in the department library. The Social Connect and Responsibility report has been approved as it satisfies the academic requirement with respect to the SCR work prescribed for the said degree.

Subject Coordinator

Pheller

EXAMINERS

Name of the Examiners

Der Shaila. K 2) Der Vidya A

Signature with date

200/04/202

ACKNOWLEDGEMENT

An engineer with only theoretical knowledge is not a complete engineer. Practical knowledge is very important to develop and apply engineering skills.

It is my pleasure to be indebted to various people, who directly or indirectly contributed to the development of this work and who influenced my thinking, behaviour and acts during the course of study.

We whole heartedly express our sincere thanks to **Dr. D V Chandrashekar** our beloved Principal, Vivekananda Institute of Technology & HOD Dr Bhagyalakshmi N for the encouragement and support. We also wish to express my deep sense of gratitude to **Dr Bhagyalakshmi N**, Prof. and Head of Department of Electronics & Communication Engineering for providing with all facilities necessary for making internship a great success.

We would like to extend our deep sense of gratitude to our Course Coordinator Dr. Shaila K, Professor, Department of Electronics & Communication Engineering, and placement officer for providing us the required guidance and in preparing the report during Social Connect and Responsibility.

We would like to express our deep sense of gratitude to Dr Vidya A, HOD of CSE department, Dr Vanajakshi P, HOD of ISE department, Dr Pavan G, HOD of AI&ML department and all the faculty members of VKIT for their constant and excellent guidance.

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EVALUATION REPORT FOR ACADEMIC YEAR 2022-2023

3rd Semester Electronics and Communication Engineering Social Connect and Responsibilities (21SCR36)

NAME OF THE STUDENT	Deepika	Y			
GROUP NUMBER	4				
USN	NKRIEC	010.			
	MODULE-1	MODULE-2	MODULE-3	MODULE-4	MODULE-5
Daily Report	05	05	05	05	05
Planning and Scheduling	05	05	05	05	05
Information /Data Collection	05	04	05	05	05
Analysis	05	05	05	05	05
Presentation	09	09	10	09	10
Visit/Lecture	05	05	05	05	05
Activity	05	_	_	-	1
Report Writing	10	10	10	10	10-
AVARAGE:					

NAME OF THE STUDENT	Hoseshitt	h Kumas	4		
GROUP NUMBER	4				
USN	IVKELE	CO12.			2 2
	MODULE-1	MODULE-2	MODULE-3	MODULE-4	MODULE-5
Daily Report	05	05	05	05	05
Planning and Scheduling	04	04	04	06	06
Information /Data Collection	04	05	04	05	05
Analysis	05	05	05	05	07-
Presentation	09	09	10	09	10-
Visit/Lecture	05	05	01	- 05	05
Activity	-	_	-		
Report Writing	10	10	10	10	10-
AVARAGE					

Signature of Course Co-ordinator

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EVALUATION REPORT FOR ACADEMIC YEAR 2022-2023

3rd Semester Electronics and Communication Engineering

Social Connect and Responsibilities (21SCR36)

NAME OF THE STUDENT	Havan K	alyan	R.		
GROUP NUMBER	A	0		1 2	
USN	1VK21	EC018			
	MODULE-1	MODULE-2	MODULE-3	MODULE-4	MODULE-5
Daily Report	05	05	05	05	05
Planning and Scheduling	04	04	04	04	04
Information /Data Collection	04	04	04	04	04
Analysis	04	04	où	où	04
Presentation	57	07	07	07	02
Visit/Lecture	05	05	05-	05	05
Activity	05	_	_	- 4	_
Report Writing	10	10	10	10	10-
AVARAGE: 41					

NAME OF THE STUDENT	8herbh	ashire T	-M.		
GROUP NUMBER	4				
USN	NK21	ECO20			8
	MODULE-1	MODULE-2	MODULE-3	MODULE-4	MODULE-5
Daily Report	05	05	05	05	05
Planning and Scheduling	05	05	05	05	05
Information /Data Collection	05	05	04	65	05
Analysis	05	05	05	05	65
Presentation	(99	09	10	09	10.
Visit/Lecture	05	DS	05	05	05
Activity	05	1 0	_)	1
Report Writing	10	10	(0	10	10
AVARAGE: 45					

Signature of Course Co-ordinator 23 45

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EVALUATION REPORT FOR ACADEMIC YEAR 2022-2023

3rd Semester Electronics and Communication Engineering

Social Connect and Responsibilities (21SCR36)

NAME OF THE STUDENT	Vikeus A	l N	La la companya di santa di sa		
GROUP NUMBER	4			Harris Marie	
USN	INKELE	CO24		17 1	
	MODULE-1	MODULE-2	MODULE-3	MODULE-4	MODULE-5
Daily Report	05	OS	05	OS	05
Planning and Scheduling	04	04	04	04	04
Information /Data Collection	04	04	04	05	04
Analysis	04	04	04	04	04
Presentation	07	07	08	07	08
Visit/Lecture	05	05	05	05	05
Activity	_			- "	_
Report Writing	10	10	10	10	10-

Signature of Course Co-ordinator

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		÷

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Social connect & reaponability
218CR26

module 1: Plantation and adoption of a tree

Presented by,

Horselith Kumart V: rok N.N Pavankalyan R Shubha Shree T.M Reep? Ka. Y

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it's Duity Diary Daily Log for Academic Year 2022-23 For 3rd Semester Students

	5	OCIAL CONNECT AND RESPONSIBILITY
Group N	-	
		Subha shree T.M. Deepika. Y
Module N	00 and Na	Plantation and adoption
Name of	Course Co	Or. Shata.k mam
Date	Time	Main points of the day
3/11/20	11-50-	In the first class, course coordinator
	12.50	Explained us about the countre and gave
		entroduction about plantation
F/11/30	11.50-	We gave power point presentation
	12.50	about "Banyan Tree" plant. We learnt
	1000	Ola at a male.

characteristics and 26/11/239:30 we have a talk on plantation by

Dr. Nagaraja BC. Then gove presentation to 12:30pm about plants and took us for a walk in the compus and told the characteristics of plants in our campus. Dr. Nagarafa B.C Ps the professor, Depl.

of Environment Science

Signature of the Student

Vekar a.n

Hars hith. H Paren Kaley ?

Quitachree IM

Signature of the Course Coordinator

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BANYAN TREE



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figlil Banyan Tree

The national tree of a country is one of the Symbols of pride that is integral to the nation's identity. To be considered as such, the tree must hold tremendous cultural significance that echoes through the country adds to the privileged status of the bree to be considered as a national symbol. The national tree is an instrument of projecting certain philoso-phical or spiritual values, which reside at the core of the country's heritage.

The national tree of a India is the Banyan tree designated formally as Ficus benghalensis. The tree is revered as sacred in Hindu pholosophy. It is often a focal point of human establishment owing to its expansive form and shade provided. The tree is of ten symbol of the fabled "Kalpa Vriksha" or the Tree of Wish Fullfillment as it is associated with longevity and has important medicinal properties: The very size of the bangan tree makes It a habitat for a large number of creatures. For centuries the banyan tree 1908 been coteatures a central point for the village communities of India. The banyon tree has massive not only from outside but it also sends new shoots from its roots, making the tree a tangle of branches, roots and trunks. The banyan tree towers magnificently over its neighbors widest reaching roots of all kno

covering several acres. The 19fc of banyon tree is very long and 98 thought of as an emmortal tree.

SCIENTIFIC CLASSIFICATION

Kingdom	Plantae	
Division	Mangollophyto	
Class	Mangolpo psida	
Clade	Tracheophytes	
Order	Urtroales	,
Family	Moraceae	
Grenus	F°cus	
Species	Fraus benghalensts	A
Shape of tree	Mulberry family.	
		_

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HOW DO WE CULTIVATE A BANYAN TREE?

native to countries, like India and Pakistan, and it is closely incorporated in the culture and mythology of India, and it has continued to remain so from acient times. A banyon tree is an evergreen plant which grows in the subtropical and tropical allmatic and interestingly, it doesn't require any specific kind of soil for its growth. To day, this tree is grown all across the world besides India, like Africa, the Caribbean, and South America



fig 1.2 Bayan tree

Principal 2x 1 (21 80 23

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HOW LONG DOES BANYAN TREE TAKE FOR GROWING?

A banyon tree grows based on many factors such as priring, environmental conditions, availability of water etc. Its branches take lots of time for producing the plant's root. This plant takes nearly one year for growing. So, it can be said that it takes nearly two years for growing bonsai. The seeds of bonsai germinate in the crevices and cracks of the Lost tree and at times, on various other structures, such as bridges and buildings.

Banyan is considered the national tree of India. Its leaves are leathery, elleptical, glossy, and large in shape. Some banyan trees can become nearly loofest tall and spread to many acres. The leaves of the tree can reach anywhere from five to ten inches in size. These tree can live for 200 years and at times, even for 300 years, land at 11218 22

BENEFITTS OF A BANYAN TREE

Some remarkable berefits of a bangan tree for our health are as follows:

- of banyan tree treats diarrhoea-People suffering from diarrhoea can take small budding leaves from the banyan tree to sout them in water. It forms a sturdy astringent which is excellent to head gas, diarrhoea, irritation of the gastrointestinal tract, and dysentery.
- Prevents gum diease and tooth decay When you take aerial roots of a banyan tree and chew them, then they would prevent tooth decay, gum disease, and bleeding gums. These roots work as a natural tooth paste besides helping bad brooth. The aerial root also make our teeth stronger. These roots have astrongent and anti-bacterial properties that turn effects and anti-bacterial properties that turn effects or gapens many oral health problems.
- · Improves emmunity Every person who has Strong emmunity leads a healthy 19fc. Immunity

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Hadelfonally, It also sheelds people in other ways.

The banyan tree's bark is an excellent immune.

boosting agent.

- Stops enflammateon-joint poin and arthribis are lenked with fornts' inflammation. It isn't only parnful but does also lemit people's daily movements. The bangan leave's sap has anti-inflammatory features for fighting against some conditions, such as arthritis.
- · Hendu texts that were written in above 2500 years ago mentioned a planetary "world tree" which is a toanyan tree. It grew upside down having its roots pointed towards the heavens. Its bronches and trunk did stretch to the Earth for bringing forth blessings to humanity.
- According to the Hendus, the banyan tree present at Jyotisar is acknowledged as Loard krishna who stood underneath whole he delivered the lesson of the Holy Bhagavad Gota.

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CONCLUSIONS.

A bangan tree is commonly grown. en the form of epophytes when of begons Pts 18fe. However, after that, with the growth of thes tree, of starts sending down many aeriod roots that reach the ground. With palsing time, they turn vegorous and thicker. The gob of there roots is to provide nutrients to the tree from the soll. Due to this, the banyan tree can grow fouter compared to the host tree. Most frequently, thes plant Ps planted all through India's forest tract. The frupts of the bongan trees and spongy, round and they are reo, and the leaves of this tree are oval, theck, hard, and u to 5 maches long.

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PLANTATIONS AND
ADOPTATION OF TREE

By Dr. B. C NAGRAJ

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TNTRODUCTON: talk delivered by Dr. Bc. NAGARAT Sin On Plantation of adaption of live BRIEF ABOUT DR. B.C. NAGRAT SIR



fig 1.3 Dr. B.C Nagaraj

- · M.Sc in Botany from Bangalore Uneversity in 1995
- Ph.D in Botany from Bangalore University

 on Restoration Ecology from 1995 to

 Processor Street St
- · Post Doctoral Fellow at center for Ecological science, India Institute of Science.

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Bangalore from 2000 to 2005. Where on worked in all Indea IFM and CFM.

- Presently working as Proffesser and chairman of the Department of Encommental Science, Bangalore Universely- Working as faculty member from 2006 to till date.
- Soven students are working on various issues of forest, climate change and sustainability issues.
- · Published more than 100 reasearch

 papers in pers review journals.
- · Travelled to Norwby, Grermany, USA, Cannada, Austria, France, South America, South Arica and Vietnam to attend project collaboration meetings conference, workshops and Seminars.
- by national and State government.

Autocidat

- · Complited more than 100 EIA projects
 on Rever valley, Mening and
 other development projects sence
 2001.
- · According as ETA coordinator and Functional Area expert from National board of Accreditation for Education and Troming, Quality council of Indra in 2010.
- · Appointed as Member of The Expert committee constituted by Honocrable High court of Karnataka.
- Appointed as Subject Matter specialist
 by ICFRE, MOEF & CC for preparation
 of DPR. "Rejuvenation of River
 Krishna and Cauvery using forestry
 Approch".
 - Appointed as per team member of National Accereditation and Assesment con cil, MHRP and GOJ.

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TREE PLANTATION:

The tree is the key to a pollution-free environment for a long time because they are responsible for providing oxygen, improving the quality of arr, climate amelioration, conserving water, soil preservation, and supporting has become nessary in the present scenario as pollution

Oue to all these reasons, tree plantation has become necessary on the present scenario as pollution is out a peak. Tree plantation is the only way to control pollution to save extent.



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fig 1.4 Plantation

BENEFITS OF TREE PLANTATION

- · Plants have a complete cycle of taking in Corbon Dioxede (cos) and giveing out oxygen (cos). Thus planting more trees would help in reducing the amount of cos that is present in the atmosphere.
- Temperature has been constantly fluctuating due to decrease in the number of plants plants can maintain atmospheric temperature.
- · In hot regions, having more plants would help regulate the heat.



Dr. B. C Nagraj ser was our gust for the day he gave use very insring and matrial -ronal talt on how to preserve of our future and the coming generations.

on the importance of planting trees and plants and how of Ps our duty as responsible and how of Ps our duty as responsible and humans on this earth to preserve and protect our nature. He spoke about various trees and plants and gave us enstructions and information on how to plant the trees, conditions best suited for plantation, the soll to be used etc.

He also encouraged us to go ahead a pleant a tree on our collage campus. It was truly a great tearing expriance to have received so much knowledge from such a resourceful person.





fig 1.6 welcoming the guest

Later he spoke about various influential people with who have strived towards the main goal maintaining of protecting and preserving our nature and maintaining its prosperity througout the years.

He spoke about the most notable movements in history like chepko and appiko movement which took place in 1983 which has left a mark and has been a tree insperation for all the nature lovers and activists till date.

After the talk, due to popular demand from the students, ser took all of us on a toure of our lush green collage campus. Throughout the tour, he gave the students brief information about the trices and plant that we came across such a scientific names and nature of the plants and trees, the kind of fruits and flowers pt bears, pts characteristics and many more.





fig 1.7 tree

All of thes encouragement and motivation let us to planting our own tree en our collage campus which was truly exhibitating and an exciting tasks for us. The unavailability of the selected neem tree by our group at the movement led us

as good of an atternative. All the members of our group have dedicated themselves into taking couse of the plant by watering of Constistently without messing a day. Along with the knowledge and encourngement we also learnt about the importance of dedication and commitment.



Plentation

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CONCLUSIONS

- · Tree plantation is a key to save the earth from pollution.
- Tree planting is cost effective, thus making it simpler to achieve the goal to making it simpler to earth a safer place by making it free from pollution.

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fig 1.12 plantation 69

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Presentation about plentation and adoptation of tree

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY JNANA SANGAMA, BELAGAVI – 590 018, KARNATAKA



TECHNICAL SEMINAR REPORT ON "IoT-BASED HUMANOID SOFTWARE FOR IDENTIFICATION AND DIAGNOSIS OF COVID-19 SUSPECTS"

Submitted in partial fulfillment for the award of degree of

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION

Submitted by

ANUSH (1VK19EC004)

Under the guidance of

Mr. Faisal K
Asst Prof
Department of Electronics and Communication Engineering



Department of Electronics and communication Engineering

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Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the seminar work entitled "IoT-BASED HUMANOID NOFTWARE FOR IDENTIFICATION AND DIAGNOSIS OF COVID-19 SUSPECTS" is a bonafide work carried out by ANUSH bearing the USN: IVK19EC004 in partial fulfillment for the award of the degree Bachelor of in Electronics and Communication of the Visvesvaraya Engineering Technological University, Belagavi, Karnataka during the academic year 2022-2023. The seminar report has been approved as it satisfies the academic requirement with respect to seminar work prescribed for the said degree.

Signature of the guide

Mr. Faisal K Assi prof Dept of ECE

VKIT, Bengaluru

Signature of the HOD

Dr. Bhagyalakshmi N

Prof and HOD Dept of ECE

VKIT, Bengaluru

Signature of the Principal VKIT, Bengaluru

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4th Sem VKIT-ECE: Module 1: Communication Theory (21EC44) Quiz Questions

1 message

Google Forms <forms-receipts-noreply@google.com>
To: tejashreedesai05@gmail.com

Wed, 20 Sept, 2023 at 12:31 pm

Google Forms

Thanks for filling in 4th Sem VKIT-ECE: Module 1: Communication
Theory (21EC44) Quiz Questions

Here's what was received.

View score

4th Sem VKIT-ECE : Module 1: Communication Theory (21EC44) Quiz Questions

Answer all the questions

Your email address (tejashreedesai05@gmail.com) was recorded when you submitted this form.

Name *

Tejashree desai

USN *

1VK21EC021

Sangar Agr. 24/19/9093

	entify the type of modulation where the frequency of qual to that of the carrier wave.	f the modulated wave
*	a) Frequency modulation	m VIGT-ECE : Module 1: 0
•	b) Amplitude modulation	
0	c) Carrier modulation	em 64 eleno
0	d) Phase modulation	
		Thanks for filling in 40
2. W	hat does AGC stand for?	
*		
•	a) Automatic gain control	
0	b) Automatic gear control	
0	c) Amplitude gain control	4th Sem VKIT
0	d) Automotive gear center	
		Questions
3. W	hy is AM used for broadcasting in the communicatio	n systems?
*		
•	a) Its use avoids receiver complexity	
0	b) It is more immune to other modulation systems	
0	c) It requires less transmitting power	
0	d) No noise disturbances	
	the following which is the preferred modulation school	eme for
*		
	a) Pulse code modulation	Land Man x 1121 2023

22. A narrow band noise can exist in * A. AM only	19. Which of the following stage is presen
C. FM only	antimit shullfaran A. (@)
D. AM and FM both 23. The upper and lower sideband frequent	ncies for 5KHz amplitude modulation with
a 30KHz carrier frequency will be? * A. 35khz and 25khz	20. For which of the modulated system, the
B. 34khz and 24khz C. 25khz and 35khz	
D. 0.35khz and 0.25khz	
24. A cordless telephone that uses separa and portable units is called*	te frequencies for transmission in base
A. half duplex	21 When noise is passed through a harro
B. duplex C. simplex	Principal 27/12/3033
D. one-way communication	Bangalore - 560 074

•	B. differentiator	
0	C. integrator	
0	D. phase detector	
19.\	Which of the following stage is present in FM red	ceiver but not in AM receiver?
•	A. amplitude limiter	
0	B. demodulator	
0	C. am amplifier	
0	D. mixer om abutilgens al-142 not asignoupon bri	
	For which of the modulated system, the linear an	nplified modulated stage is
used *	1.5	
•	A. low level amplitude modulated system	
0	B. high level amplitude modulated system	
0	C. high level frequency modulated system	
0	D. low level frequency modulated system	
21 V	When noise is passed through a narrow band filto	or the output of filter should
be?	when holse is passed through a harrow band life	er, the output of filter should
*		
0	A. triangular	O day
0	B. square	Principal 2×1121302
0	C. parabolic	PARTITUTE OF TECHNOLOGY Bangalore - 560 074

b) Pulse amplitude modulation	
c) Pulse position modulation	
d) Pulse width modulation	
5. A carrier of peak voltage 15 V is used to transmodulation index is 70%, then what will be the signal?	
<u> </u>	
(a) 25 V	
0 3,111	
(a) c) 10.5 V	
(d) 30 V	
	■ 018601JA301 1
6 DAM stands for pulse attenuation modulation	
6. PAM stands for pulse attenuation modulation	1.
6. PAM stands for pulse attenuation modulation *	n.
6. PAM stands for pulse attenuation modulation *	1.
*	n.
*	.r (a) difficultie (y) a finadulation w
* a) True	O diffication O locality the type of modulation w a logi-irrequency carrier waye.
* a) True	
* a) True b) False require at a vs w politicul boon end shad	
* a) True b) False 7. fm signal'X' for an AM is the ratio of change in	n amplitude of the carrier wave to
* a) True b) False 7. fm signal'X' for an AM is the ratio of change is the amplitude of the original carrier wave. Ident	n amplitude of the carrier wave to
* a) True b) False 7. fm signal'X' for an AM is the ratio of change in	n amplitude of the carrier wave to
* (a) True (b) False 7. fm signal'X' for an AM is the ratio of change is the amplitude of the original carrier wave. Ident *	n amplitude of the carrier wave to
* a) True b) False 7. fm signal'X' for an AM is the ratio of change is the amplitude of the original carrier wave. Ident	n amplitude of the carrier wave to
* (a) True (b) False 7. fm signal'X' for an AM is the ratio of change is the amplitude of the original carrier wave. Ident *	n amplitude of the carrier wave to
* (a) True (b) False 7. fm signal'X' for an AM is the ratio of change is the amplitude of the original carrier wave. Ident * (a) Automatic gain control	n amplitude of the carrier wave to ify 'X'.
* (a) True (b) False 7. fm signal'X' for an AM is the ratio of change is the amplitude of the original carrier wave. Ident * (a) Automatic gain control	n amplitude of the carrier wave to ify 'X'.
* a) True b) False 1900 2 average and a second of the amplitude of the original carrier wave. Ident a) Automatic gain control b) Modulation index c) Phase index	n amplitude of the carrier wave to ify 'X'. Principal VIVERANANDA INSTITUTE OF TECHNOLOGY
* a) True b) False 7. fm signal'X' for an AM is the ratio of change is the amplitude of the original carrier wave. Ident a) Automatic gain control b) Modulation index	n amplitude of the carrier wave to ify 'X'. Principal VIVERANANDA INSTITUTE OF TECHNOLOGY

8. Amplitude modulation is	
Change in amplitude of the service assertions to	and distance signal
 a. Change in amplitude of the carrier according to 	modulating signal
b. Change in frequency of the carrier according to	modulating signal
c. Change in amplitude of the modulating signal a	ccording to carrier signal
d. Change in amplitude of the carrier according to	modulating signal frequency
O are an amplitude of the same according to	modulating digital mediciney
Suggest a possible communication channe signal that has a bandwidth of 200kHz.	I for the transmission of a message
*	
a) TV transmission	
b) Optical fiber	
C) AM radio	6. PAM stands for pulse attenuation of
d) FM radio	
10. Identify the type of modulation where the r	modulating wave is superimposed on
a high-frequency carrier wave.	nodulating wave is superimposed on
*	
a) i hade modulation	
b) Amplitude modulation	
c) Frequency modulation	
d) Wavelength modulation	

11. If the peak message signal amplitude is half the peak amplitude of the carrier signal, the signal is modulated.

O A. 100%	
O B. 2%	
© C. 50%	
O D. 70%	
12. A percentage of modulation greater tha	nother-organ largets the soft action.
*	f. medical kward system restoration
O A. 10%	
B. 25%	
C. 50% lubomob bns ofni babilib	
D. 100%	
13. How is the performance of SSB AM sys	tems in fading channels?
*	respire, for the series 0 (6)
A. poor	atyana museng par sempa a ang 0 Co.
B. best	
C. good 09/80 02/8	
C. good D. Average	
0.9000	
0.9000	
D. Average 14. Which of the following is a disadvantage	
D. Average 14. Which of the following is a disadvantage	e of tone-in-band SSB system?

D. generation and reception of signal is complicated	
15. FFSR in AM systems stands for	
A. feedforward signal regeneration	
B. feedbackward signal regeneration	
C. feedbackward system restoration	
D. feedforward system restoration	
16. AM demodulation technique can be divided into a	nd demodulation.
A. direct, indirect	
B. slope detector, zero crossing	
C. coherent, noncoherent	
D. quadrature detection, coherent detection	
17. A product detector in AM systems is also called	
A. envelope detector	
B. differentiator Simple a disadvantage of the age that be a given by the control of the contro	
C. integrator	
D. phase detector	
18. LCD uses) ()
· · · · · · · · · · · · · · · · · · ·	Principal KANANDA INSTITUTE OF TECHNOLOGY

(()	B. differentiator
(0	C. integrator
(0	D. phase detector
	19. \ *	Which of the following stage is present in FM receiver but not in AM receiver?
(•	A. amplitude limiter
(0	B. demodulator
(0	C. am amplifier
(0	23. The upper and lower sideband transmisses for SKHz emplified in organization.
	20. F	or which of the modulated system, the linear amplified modulated stage is ?
	*	
(•	A. low level amplitude modulated system
(0	B. high level amplitude modulated system
(0	C. high level frequency modulated system
(0	D. low level frequency modulated system
b	e?	When noise is passed through a narrow band filter, the output of filter should
2	k	
(0	A. triangular
(0	B. square
(0	C. parabolic

22. A narrow band noise can exist in* A. AM only B. PCM only C. FM only	19. Which of the following stage is present
D. AM and FM both	
23. The upper and lower sideband frequer a 30KHz carrier frequency will be?	
A. 35khz and 25khz B. 34khz and 24khz	20. For which of the modulated system, to used?
C. 25khz and 35khz	
D. 0.35khz and 0.25khz	The contract of the contract o
24. A cordless telephone that uses separa and portable units is called	te frequencies for transmission in base
A. half duplex	
B. duplex	Some 24/17/9073
C. simplex	Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY
D. one-way communication	Bangalore - 560 074

wav	which polarization is used es?	d to reduce the d	epolarization e	ffect on received	
*					
•	A. circular polarization				
0	B. linear polarization				
0	C. atomic polarization				
0	D. dipolar polarization				
26.	The ability of the receiver	to select the war	nted signals an	ong the various	
	oming signals is termed as		itea signais an		
*					
0	a. Sensitivity				
•	b. Selectivity			re AM spectrum o	
	c. Stability				
0	d. None of the above				
27. E	Emitter modulator amplifi	er for Amplitude	Modulation	evode still to I[A t	
0	a. Operates in class A mode				
	b. Has a low efficiency				
	c. Output power is small				
•	d. All of the above				
28 T	The costa's receiver is use	ed for			
*	THE COOLEG PECEFVER IS USE			N 897 1302	3
0	a.FM signal	83	The same of the sa	Principal 27/12/202	

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•	b.DSB-SC signal bevieses no these nottextilelogebent souber of beautile nottextilelogebent except exce
0	d.DM signal
29.7	The advantages of using RF amplifier are
0	a.Better sensitivity b.Improved signal to the noise ratio
•	d.All of the above
30. T	The AM spectrum consist of
0	a.Carrier frequency
0	b.upper side band frequency
0	c.Lower side band frequency
•	27. Eniger rodulator amplifier for Amplitude Modulation sounds and like the second strong second sec

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1. The average
power transmitted of angle modulated waves is given by
*
a) Pav=½Ac^2
b) Pay=1/6 Ac^2
O c) Pav=¼Ac^2
(d) Pav=½Ain^2
Both phase modulated and frequency modulated waves violate the principle of
*
a) Progression
b) Superposition
C) Homogenity
d) Communication
3 are defined as the instants of time at which a waveform changes its amplitude from a positive to
negative value.
*
a) zero crossing
O b) ones crossing
c) time crossing c) time crossing c) time crossing Bangalore - 560 074
O d) sign reversal

angle and frequency for an FM signal is given by	
*	
a) θi(t)=1/2π d/dt fi(t)	
b) $f_1(t)=1/2\pi d^2/(dt^2) \theta_1(t)$	
C) $fi(t)=1/\pi d/dt \theta i(t)$	0
d) $fi(t) = 1/2\pi d/dt \theta i(t)$	
5. The relation for maximum frequency deviation is	
given by	
*	
O a) Δfm=(1/2kf)Am	
b) Δfm=kfAm	
C) Δfm=2kfAm	
O d) Δ fm=3kfAm	
6. The difference between maximum and minimum	
frequencies of FM signal is given by	
*	
O a) bandwidth swing :	0 01 2602 12023
b) message swing	Principal 24/12/10
© c) carrier swing	VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074
O d) frequency swing	

7. The FM stereo transmitter uses a pilot frequency of	carrier
*	
a) fc=19Khz	
b) fc=32Khz	
C) fc=22Khz	
d) fc=38Khz	
8. The modulation index N for FM signal is	s given by
*	
(a) M=2fm	
O b) ⋈=fm/∆fmax	materia (i)
C) №=2∆fmax/fm	
d) ⋈=∆fmax/fm	
9. The multiplexed signal m(t) from transr	mitter consists ofsignals.
*	in the series of the series are the series of the series o
a) 2	
	Something 3x 117 1 90 73
O c) 6	VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074
O d) 1	

10. With change in modulating frequency fm the modulation index of phase modulated signal will	
*	
O a) increase	
b) decrease	
c) remains constant	
d) none of the above	
11. FM can be generated using PM by	14 In PM the information
*	
a) passing the modulating signal through a low pass filter	
b) using pre-emphasis	
c) passing the modulating signal through a high pass filter	
d) using de-emphasis	
12. Amplitude of PM wave	•
*	To the emperors are all the
a) change in proportion with the modulating voltage	
b) change in proportion with the modulating frequency	Q star
c) remains constant	Principal 2x/12/3033
d) none of the above	Pangalore - 560 074

freq	or a phase modulated signal the uency deviation is proportional to	
*		
0	a) frequency only	
•	b) amplitude only	
0	c) only width	
0	d) pulse only	
ngapaga sara		
14. I usin *	n PM the information is transmitted	
0	a) change in frequency	
0	b) change in amplitude	remaindapaires to 10%
•	c) change in phase of the carrier	
0	d) change in both phase and amplitude	
es aprilia esta de		
15. F	Pre-emphasis is used to boost up	
*	and the second s	
0	a) low modulation frequencies	
	V933 2 4 2 3 2 3	() day
•	b) high modulation frequencies	Kound of Ilial do
O	c) both high and low modulation frequencies	Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074

16. In Frequency Modulation
*
a) Amplitude of the carrier remains same
b) Frequency of the carrier varies in accordance with the modulating signal
O . c) The number of side bands are infinite
(a) All of the above
: 17. The
amount of frequency deviation in FM signal depends on
*
a) Amplitude of the modulating signal
b) Carrier frequency
C) Modulating frequency
d) Transmitter amplifier
18. The modulation index of FM is given by
*
a) μ = frequency deviation/ modulating frequency
b) μ = modulating frequency /frequency deviation
c) μ = modulating frequency/ carrier frequency
Bangalore - 560 074 d) μ = carrier frequency / modulating frequency

19. Disadvantages of FM over AM are	
*	
a) Prone to selective fading	
b) Capture effect	
	•
c) Poorer signal to noise ratio at high audio frequencies	
(a) All of the above	
20. The modulation index of a wideband FM system is	
a) > 1	amonto a contenta (a. (a)
(b) < 1	
() c) = 1	
d) none of these	
21. Many FM transmitters can use the same carrier frequency	
*	
a)True	
b)False	
22. NBFM bandwidth is	Roman Man 27/12/2023

AIAI

(a) b) 2fm	
O c) 2fm(⋈+1)	
O d) fm(⅓+1)	
23. Which is true in frequency modulated system?	
*	
a) variation of carrier amplitude does not affect quality of reception	on
b) amplitude of carrier is varied according to modulating signal	
c) the transmission does not require line of sight between transm	itter and receiver
d) receiver uses diode detector	
24. In FM modulation, when the modulation index	
is increases, the transmitted power is *	
a) increased	
a) increased b) decreased	
o b) decreased	
b) decreased c) unchanged	
b) decreased c) unchanged d) none of these	
b) decreased c) unchanged	
b) decreased c) unchanged d) none of these 25. The four basic elements in a PLL are	

b) down converter	
c) phase detector	
d) frequency multiplier	
26. For NBFM ,the modulation index ⅓ is	1.
* batclul	
a) less than	
b) more than	
C) equal to	
	in the sufficient for the supplier of the supp
d) none of these	
27. Figure of merit for NBFM is	
*	
(a) 1/6	
O b) 1/2	
O c) 1/4	
(a) 1/3	
28. The bandwidth of a narrow band FM	ulating a 125MUm applies in
signal generated by a 4KHz audio signal mod	ulating a 125Winz carrier is
*	has now as allows group to the grow that
	•
a) 4KHz	
(b) 8KHz	January 2 x [12] 30 23

© c) 250KHz	
O d) 2KHz	
29. The appropriate value of modulation index II for transition between narrow band and wide band FN	M is considered as
*	
(a) 0.150	
(a) b) 0.471	
O c) 0.271	•
O d) 0.015	
30. A standard FM modulated wave is given by	
a) S(t)=Ac cos(2πfct+Msinfmt)	
O b) S(t)=Am cos(2πfct+\(\text{\text{Sinfmt}}\)	0
C) S(t)=Ac cos(2πfmt+\sinfmt)	
d) S(t)=Ac cos(2πfct+\sinfct)	

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Which is the example for the control of the example for the control of the contro	
is the example for external noise ?	
a) Galetic noise	
O b) Short noise	
d) None of the above	
2. Shot noise flows through nature of devices. *	
2 2 1 1585 m	4th Semester-VigT-E0
d) none of the above	Questions
3. Thermal noise arises due to random motion of	Programma address finally released by a final series of the series of th
a) Electrons	
b) Proton c) Air	Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074

4. The mean square value of noise wave generator in thermal noise is	
*	respect to 100
a) E[ITN2]=4kTG∆f mp2	
O b) E[VTN2]=4kTRΔf	
C) E[ITN2]=4k2T2GΔf2 mp2	
d) E[ITN2]=4k2TGΔf2	
5. White noise is based on of Noise.	
*	
a) Light form	•
b) Idealized form	
c) Uniform	
d) Both a and b	
6. What is Bandwidth equation for White noise? *	
a) B=(ʃ_0^∞ 〖(H(f))〗 ^2 df)/(H(0))	
() B=(∫_0^∞ 〖(H(f))〗 df)/H(0)	24/12/9073
C) B=(∫_(-∞)^∞ 【(H(f))】 ^2 df)/(H^2 (0)) Principal VIVEKANANDA INST Bancalon	TITUTE OF TECHNOLOGY
(H(f)) ^2 df)/(H^2 (0))	e - 560 074
7. The	

noise w(t) in Receiver model is _____

0	a) Additive			
0	b) White			
0	c) Poisson			
•	d) Both a and b			
8.			White noise is bosed on a transfer of Noise.	
and pas	s filter in			

	nd pass filter in eiver model is*
0	a) Ideal
0	b) Bandwidth equal to transmission bandwidth B=BT
0	c) Ideal,B≠BT
()	d) Ideal.B=RT

9.

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The figure of merit is _____
to the noise. *

a) Directly proportional
b) Inversely proportional
c) Constant
d) None of the above

10.

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	nerent detector in B-SC receiver consist of*	
0	a) Product modulator and Band pass filter	
0	b) Local oscillator and band pass filter	
•	c) Product modulator and low pass filter	
0	d) Product modulator and local oscillator	

11.

Figure of merit in Noise in DSB-SC receiver is _____ *

a) 0.5

b) 1

O c) 1/3

() d) 3/4

Sometimes 2x11219033

Which devices is used in Noise in AM receiver? *

- a) Local Oscillator
- b) Envelope Detector
- c) Product Modulator
- d) Discriminator

13.

Donat 2 1 1 2 9 33

The figure of Merit of Noise in FM Receiver is _____ .*

- (a) 0.5
- O b) 1
- (3k_f^2 P)/w^2
- () (3k_f P)/w^2

14.

What is the relationship between noise performance FM and AM? *

a) 2/3 β²=1/3

(b) 3/2 β²=2/3

Roselled Ha

- O c) 3/2 β=1/3
- (a) 3/2 β²=1/3

15.

What

is the improvement factor of pre and De-emphasis in FM?*

- a) I=(2w^3)/(3ʃ_(-w)^w [f^2 |Hd_e (f)|^2 df])
- b) I=(2w^2)/(3ʃ_0^w [|Hd_e (f)|^2 df])
- c) I=(2w^3)/(3ʃ_(-w)^w |Hd_e (f)|df)
- d) I=(2w^2)/(2ʃ_(-w)^w [|Hd_e (f)|^2 df])

16.

January 3x/13/9033

Application of preemphasis and de-emphasis in FM is ______. * a) Network analysis b) Commercial radio FM Circuits c) Satellite FM Circuits d) All of the above

What
is x(t) in Noise DSB-SC receiver ? *

a) x(t)=CAmcos2πfct.m(t)

b) x(t)=CAccos2πfct

c) x(t)=CAccos2πfct.m(t)

d) x(t)=Accos2πfct+n(t)

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What

is the magnitude of noise in FM receiver? *

- a) r(t)=\((n_I^2 (t)+n_Q^2 (t))
- (a) b) $r(t) = \sqrt{(n_I(t) + n_Q(t))}$
- c) √(n_I^2 (t)-n_Q^2 (t))
- d) √(n_l (t)-n_Q (t))

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without overlapping only if *	e obtained
a. fs ≥ 2fm	
b. fs < 2fm	
c. fs > fm	
d. fs < fm	
2. The	
desired signal of maximum frequency wm cer	ntered at frequency
w=0 may be recovered if	
*	
a. The sampled signal is passed through low pass	*
b. Filter has the cut off frequency wm	
c. Both a and b	
d. None of the above	Questions -
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distorted signal of frequency fm is recovered f signal if the sampling frequency fs is	rom a sampled
*	
a. fs > 2fm	
b. fs < 2fm	Q 2492 1223
c. fs = 2fm	Principal 24/12/00
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d. fs ≥ 2fm	

4. The	
techniques used for sampling are	
*	
a. Instantaneous sampling	
b. Natural sampling	
c. Flat top sampling	
d. All of the above	
5. The compling technique begins the minimum	8. Drawbnek
The sampling technique having the minin	num noise interference is
*	
a. Instantaneous sampling	en representation of the base of a fill
b. Natural sampling	
c. Flat top sampling	Promis some some some imprignant of the Committee
d. All of the above	
6. Typesof analog pulse modulation systems are _	nsdaasd arti'navo bnad ghia rawul aut et 21.29
a. Pulse amplitude modulation	
b. Pulse time modulation	Darrey 24/12/3023
c. Frequency modulation	VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074
A Both a and b	3000074

7. In pulse amplitude modulation,	
*	
a. Amplitude of the pulse train is varied	
b. Width of the pulse train is varied	
c. Frequency of the pulse train is varied	
d. None of the above	
8. Drawback	
of using PAM method is	
*	
a. Bandwidth is very large as compared to modula	iting signal
b. Varying amplitude of carrier varies the peak pov	ver required for transmission
c. Due to varying amplitude of carrier, it is difficult	to remove noise at receiver
d. All of the above	Passan Prediction (1)
9. Is the lower side band over the basebands, t	the distortion is called
*	
a. Crossover distortion	
b. Aliasing	Daring 24/12/3033
C. Crosstalk	Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY
d. None of this	Bangalore - 560 074

10. Calculate the Nyquist rate for sampling when a continuos time signal is given by: $X(t) = 5 \cos 100 + 10 \cos$ 200πt - 15 cos 300πt a. 100 Hz b. 150Hz c. 300Hz d. 600Hz 11. When is aliasing takes place _____ a. Sampling signals less then Nyquist rate b. Sampling signals more than Nyquist rate c. Sampling signals equal to Nyquist rate d. Sampling signals at a rate which is twice of Nyquist rate 12. Which filter is used to detect the Pam signal?

a. Low Pass filter

b. High pass filter

Sound 3 x 11 31 30 33

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C. bandpass filter	
d. All - Band Pass filter	
13.	
In sampling theorem the Nyquist interval is given by	X(1) = 5 cos 100 + 10 cos 200m - 15 cos 200m
*	
a. Ts = 1/fm	
b. Ts = 1/2fm	
C. Ts = 1/πfm	
() d. Ts = π/fm	
u. is - iviiii	
14.	11. When
Which of the following system is analog?	
*	
a. PCM	
O b. DM	
C. DPCM	
o d. PAM	
45.4	
15. A PAM signal can be detected by using	
*	
a. An ADC	0 401
	Sand 34/19/9033
b. An integrator	VIVEKANANDA INSTITUTE OF THE

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0	c. A band pass filter		
0	d. A high pass filter		
	To desit he wholes		
16.			
	DM, the non - essential freque		
rem	oved by		
*			
0	a. Attenuator		
	b. Sampler		
0	b. Sampler		
•	c. Pre-alias filter		
0	d. Modulator		
17.			
Follo	wing type of multiplexing ca	nnot be used for analo	og signalling?
*			
0	a. FDM	v	
•	b. TDM		
0	c. WDM		
	d. None of these		
18. T	ime Division multiplexing is		
0	a. Signal		
•	b. Digital		Kongr 24/13/9033
0	c. Analog	440	VIVEKANANDA INSTITUTE OF TECHNOLOGY
	3	113	Bangalore - 560 074

0	d. None of these		
occi	the position of the pulse relaurrence is varied in accordance wi		
*			
0	a. PWM		
0	b. PCM		
0	c. PDM		
•	d. PPM		
20. Whice	ch of the following requires a sync	chronizing signal?	•
*			
0	a. PAM		
0	b. PDM	¥	
	c. Signal channel PPM		
	d. All of these		
	u. All of these		
	PCM system, if we increase the Quive bandwidth requirement vary?	uantization levels fr	om 2 to 8, how do the
*			
0	a. Doubled		Sorrey 2x/17/9073
•	b. Tripled	114	Procipal VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074

c. Remain same

d. Eight times

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1.1	ne Combination of compressor and an expa	ander is called*
0	(a) code word	
0	(b) code element	
•	(c) compander	
0	(d) decoding	
2. T	he process of digitizing the co-ordinate valu	ue is called
0	(a) quantizer	
0	(b) codes	
•	(c) sampling	
0	rece: Module 5:	4th Semester - VKI
	he transition between continuous value of i	
equ *	ivalent is	
	(a) quantization	
0	(b) pasteurization	
0	(c) sampling	
0	(d) none of the above	**************************************
4. D	ifference in intensity between highest and l	owest intensity levels of an image is
*		
0	(a) noise	Darrage 24/12/9073
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(b) saturation	
(c) contrast	
(d) brightness and alevel node meanings through the only	
5. Equalizer shapes the received pulses to compensate	the effects of and
produced by transmission characteristics of the channel	n. j odnaka Ci
*	
(a) amplitude and phase distortions	
(b) memoryless and instantaneous	
(c) quantizer and sampling	
(d)amplitude and amplifier equalizer	
nat involves a comparator, quantizer and accumulator.	
6. The voice coders are used for of speech.	
(a) decoding	
	Lagranda (A. J.)
(b) spectrum	
(c) digital coding	
(d) frequency	
range of	
7 is used to restore the signal samples to the	eir correct relative levels.
(a) expander	
(b) code	
(c) compander	24/12/8033
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118	Bangalore - 560 074

8. The spacing between the two adjacent repras * (a) samples at tables and at severation of as	
(b) quantum	
(c) noise	
(d) decoding	
9 is generated by applying the samessage signal to a digital encoder that involves a com	dallaces will bright de addained by regulation
(4) 70004610	
(b) delta modulation	
(c) both a and b	
(d) none of the above	
10. vocoders operates in the range of	
(a) 5 to 10 kb/sec 2000 1900 of a signature	
(b) 7.2 to 8.5 kb/sec	Darrage 24/12/2073
(c) 1.2 to 2.4 kb/sec	Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074
(d) 9 to 12.9 kb/sec	

(d) code symbol

•	(a) granular noise	
0	(b) thermal noise	
0	(c)shot noise	
0	(d) white noise	
12.	n application using PCM, different me	ssages sources are multiplexed by
*		
0	(a) quantizer process	
•	(b)time division	
0	(c) amplitude	
0	(d)modulation	
	The quantizing and encoding operationed as (a) digital to analog converter	is are performed in the same circuit
	(b) analog to analog converter	and the same and an array
0	(c) analog to digital converter	Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074
		

0	to the step-size delta is too large relative to $\Delta \ge p \ge 2\Delta$	
0	(c) Δ/2 ≥ q ≥Δ/2	
0	$(d) -\Delta/2 \ge q \ge \Delta/2$	
0	(d) -Δ/2 ≥ q ≥Δ/2	
15	A/an is used to restore the signal samples t	o their correct relative level.
0	(a) code	
0	(b) encoding them are sequence sepassem thereinb	
•	(c)expander	
0	(d) code word	
16.A	particular arrangement of symbol is called a	· * anutiques (c)
0	(a)sampling	
0	(b) code	
•	(c)code word	
0	(d) binary symbol	
17. T	he output of the velocity will be	
0	(a) noise generator	
(a)	(b) speech signal	rose some firkningen en kospeterjon
0	(c)signal generator	Sometimes 2x/13/9033
	ne quamization error (Q' will have its sample value)	Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074

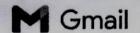
0	(d) carrier signal	
18.	The process that is mainly used in the transmission of vo	ice information is
-		
*		
	(a) Delta Modulation	
0	(b) Wave Modulation	
_	() 0: 114 114	
0	(c) Signal Modulation	
0	(d) Frequency Modulation	
19.	The input-output characteristics of a uniform quantizer, w	hose origin lies in the
	dle of tread, is which type	mode origin nee in the
*		
		ę.
0	(a) mid-rise	
0	(b) quantum	
0	(c)quantizer	
	(d) mid trood	
	(d) mid tread	
00.7		hill grant per Cali
	The input-output characteristics of a uniform quantizer, w	hose origin lies in the
miac *	dle of rising port, is which type	If the section of the section of
•	(a) mid-rise	
	Enterpeant units) day
0	(b) quantum	Kound 2x/12/2021
0	(c) quantizer	Principal IVEKANANDA INSTITUTE OF TECHNOLOGY
	gnal is represented by a sequence of	Bangalore - 560 074
0	(d) mid tread	

		the transmitted signal more
robust to noise, interference	e and other channel de	epending on
f voice information is		
(a) code		
(h) anadina		
(b) encoding		
(c) code word		
(d) decoding		
(d) decoding		
22. The amplitudes mk , k=	1,2,3L are called	
*		
(a) decision levels		
(a) decision levels		
(b) quantization levels		
(c) quantum		e navena (e) - A
(5) 4		
(d) representation levels		
22 He (male and a male 11) le=1		
23.lk: {mk <m<=mk+1}, k="1</td"><td>,2,3L where L repres</td><td>ents</td></m<=mk+1},>	,2,3L where L repres	ents
(a) Total number of decision		
(b) Total number of freque		
(c) Total number of repres	entation levels	
(d) Total number of decision	on thresholds	
24. In PCM a message sign	al is represented by a	sequence of
*		1.2 24 (1. 1. 1. 1
(a) coded pulses		O of star 12023
(a) coded pulses		Principal 2x/12/3023
	123	VIVEKANANDA INSTITUTE OF TECHNOLOGY
	123	Bangalore - 560 074

0	(b) decoded pulses		
0	(c)encoded pulses		
0	(d) expanded pulses		
25. ⁻	The u law is neither strictly	nor strictly	
0	(a) linear, non-linear	tta i saamidi i'	
•	(b) linear, logarithmic		
0	(c)non-linear, logarithmic		
0	(d) none of the above		
	process translates the disc ropriate form of signal.	crete set of sample vales to a more	
аррі		crete set of sample vales to a more	
аррі	ropriate form of signal.	crete set of sample vales to a more	
аррі	ropriate form of signal. (a) encoding	crete set of sample vales to a more	
аррі	(a) encoding (b) sampling (c)quantizing	erete set of sample vales to a more	
аррі	ropriate form of signal. (a) encoding (b) sampling (c) quantizing		
appri *	ropriate form of signal. (a) encoding (b) sampling (c) quantizing	Consular noise is analogous to the	
apprix apprix 27. Fever	(a) encoding (b) sampling (c) quantizing (d) decoding	as a particular arrangement of discrete	
apprix apprix 27. Fever	(a) encoding (b) sampling (c)quantizing (d) decoding Representing the discrete set of values ents is called	as a particular arrangement of discrete	

28.Delta modulation is a process mainly used in the information.	ne transmission of
O (a)video Vitorità ion	
(b)image	
(c)voice	
(d) none of the above	
29. Sample quantized into one of levels is 8	-bit code word.
(a)254 6 01 281sv element to the element set as	26. process translate appropriate form of storial
(b) 255	
(c)256	
(d) 257	
30.Granular noise is analogous to the nois	se in a PCM system.
(a)sampling	
or values as a particular amangement of discrete	The Atmospherican and Age
(b) quantization	2×11213023
(c)white	Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY
(d) binary symbol	Bangalore - 560 074

(d) binary symbol



IVK21EC012

Harshith Kumar < hacchugowda 30@gmail.com>

VKIT :ECE: Universal Human Value : Module-1: Introduction to Value Education

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1. Universal means true at all *	
a. Time	
O b. Places	
C. Individual	
d. All the above	
2. The	I-bluboM
basic aspiration of every human being is	
a. Happiness	
b. Both Happiness & Prosperity	
C. Prosperity	LEGIST THAT
d. Neither happiness nor prosperity	
3. The basic aspiration of a human being is continuity of	_and
complete describes to a season and amagent	
a. Happiness and Physical facility	
b. Physical facility and Prosperity	• • • • • • • • • • • • • • • • • • • •
c. Physical Facility and Relationship	
d. Happiness and Prosperity	
4. Self-exploration	Rose 24/12/3023

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subject which enables us to understand human aspiration, or what is really valuable for human being is called _____

a. Education

b. Value Education

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10. Value education deals with__

a. What is universally valuable to all of us?

b. What is conductive to our individual and collective happiness?

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9/21/23, 8	3:05 AM Gmail - VKIT :ECE: Universal Human Va	lue : Module-1: Introduction to Value Education
	c. Enables to be in harmony with ourselves, other an	d rest of nature
	d. All of the above	
	AA Thomas distribution	
	11. The need of value education is for:	
	*	
	a. Correct identification of our aspiration	
	b. Understanding universal human value to fulfill our	aspirations in continuity
	c. Evaluation of beliefs	
	d. All of the above	
	* a. Foster universal core values	subscription of
	b. Make the syllabus easy	
	b. Make the syllabus easy	na igist narjihjesh b
	c. Develop values in individuals	
	d. Both (a) and (c)	
e •	13. Value education	
	enables us:	
	*	
	a. To understand our needs	Sound 2/1/2/3023
	b. Visualize our goals correctly	Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074
	c. Indicate the direction for their fulfilment	

14. What are the guidelines of value education?	
a. Universal in nature	
b. Rational or logical	
C. Natural and verifiable	
d. All of the above	
15. Five basic guidelines for value education are Universal, Natural and verifiable harmony and	e, all encompassing, leading to
*	*
a. Self exploration	
b. Education	
c. Right utilization	
d. Rational	
16. The subject which enables us to learn the science skills for fulfilling our aspiration is called *	
a. Education	Sandy 24/13/9033

https://mail.google.com/mail/u/1/?ik=593a6a369c&view=pt&search=all&permmsgid=msg-f:1777612791550121390&simpl=msg-f:1777612791550121... 6/19

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b. Value Education

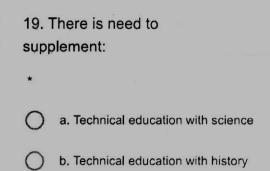
c. Spiritual Education

v		5	ĸ
7	г	n	1
١	•	d	,

d. Skill Development

17. The present education system has largely become	
*	
a. Skill-biased	ng talah iyo kiliyo na s
b. Skill- based	
C. Technology-based	Ametical Colombia (1966)
O d. Technology-biased	employ(be 5 (C)

18. Technology is only means to achieve what is considered a. Valuable for science b. Valuable for technology c. Valuable for humans



d. None of the above

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c. Technical education with politics



d. Technical education with value education

20. All the Proposals must be verified in your own right, on the basis of your _____

a. Intuition

b. Knowledge

c. Natural Acceptance

d. Acceptance

21. What we really want to be is

a. Value Education

b. Right Understanding

c. Preconditioning

d. Natural Acceptance

22. Verification of a proposal is done by the process of__

a. Discussion

b. Dialogue

c. Brainstorming

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d. Entire Universe

only *		
	physical facility leads to	
		37977
0	a. Animal consciousness	
	a. Animai consciousness	
\sim	L II.	o .
0	b. Human consciousness	
^	L. Linkson and Co.	
0	c. Child consciousness	
_		
\circ	d. Motivated consciousness	

27 I	argely, physical facility	
	for	
anim	als.	
	*	
*		
_	351 11 - No 100 H	
\circ	a. Inadequate	
	b. Unnecessary	
\cup		
0		
⊙	c. Necessary as well as adequa	ate The second s
OOO		ite
OOO	c. Necessary as well as adequate	ate ()
OO		ite
OO		ate
0	d. Necessary but in adequate	nte
O 28. P	d. Necessary but in adequate	
O 28. P	d. Necessary but in adequate	
O 28. P	d. Necessary but in adequate	
28. P	d. Necessary but in adequate	
28. P	d. Necessary but in adequate Physical ties are required inqua	
28. P	d. Necessary but in adequate	
28. P	d. Necessary but in adequate Physical ties are required inquanta	antity.
28. P	d. Necessary but in adequate Physical ties are required inqua	antity.
28. P	d. Necessary but in adequate Physical lies are required inquanta. a. Unit b. Limited	Power of 27/1/21 2022
28. P	d. Necessary but in adequate Physical ties are required inquanta	Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY
28. P	d. Necessary but in adequate Physical ties are required inqua a. Unit b. Limited c. Material	Pour 27/1/21 30 22

29. Employing the body	
physically for production and maintenance of physical	facilities is called
	ø
*	
a. Labour	
O b. Work	
C. Skill	
d. Talent	
30. For	
Fulfillment of Human Beingis necessary. *	
a. Physical Facility	
b. Relationship	* stredense of O
•	
c. Right Understanding	
d. Physical Facility, Relationship and Right Understanding	
31. Which is the correct Priority of the three?	
*	
a. Right Understanding, Relationship, Physical Facility	
b. Relationship, Right Understanding, Physical Facility	Daras 27/12/3033
c. Relationship, Physical Facility, Right Understanding	VIVEKANANDA INSTITUTE OF TECHNOLOGY
d Physical Facility Right Understanding Relationship	Bangalore - 560 074

32. What are the basic requirements for fulfilment of human aspirations?
*
a. Right understanding
b. Good relationship
C. Physical facilities
d. All of the above
33. Human goal at the level of individual is
*
a. Prosperity
b. Fearlessness
c. Right understanding
d. Coexistence
34. Knowing means having the
a. Self Exploration
b. Right understanding
C. Evaluation Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY
d. Self Analyzing

35. By	
we become responsible to	
ourselves.	
*	
a. Material	
b. Unit	
a Dight Understanding	
c. Right Understanding	
d. Physical facility	
36. The feeling of not having	
enough physical facility is a feeling of	g s not run nemalimbé autav
*	
a. Happiness	nothernous internal (8)
b. Sorrow	
4.33 ,131	
c. Deprivation	
d. Prosperity	
d. Prosperity	
37. Holistic	t.
development is the transformation from	
*	
THERE I IS THE STATE OF THE STA	
a. Human Consciousness to Animal Consciousness	
b. Animal Consciousness to Human Consciousness	0 400
D. Allittal Consciousness to Furnam Consciousness	St 1151 90 73
c. Human Consciousness to Human Consciousness	Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY
O d Animal Consciences to Animal Consciences	Bangalore - 560 074
d. Animal Consciousness to Animal Consciousness	

38 is essential to facilitate	activities are made where it is at the second second
holistic development.	
*	
a. Money	
b. Physical Facility	
c. Education–Sanskar	
d. Relationship	* Tarrier School Co. Co.
And the second s	
39. The process of	o princip o a pilosi techto o princip
value education has to be a process o	ut
*	
a. Seff - Exploration	econtract = (1)
b. Self-Realisation	
c. Self- Analyzing	
d. Self-Belief	the specific of the specific o
•	
40. Self-exploration	
demands examination and	of our beliefs again and again.
* * * * * * * * * * * * * * * * * * * *	
•	
a. Validation	
b. Presentation	24/12/2023
C. Demonstration	Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074
d. Representation	3.194.072 - 360 074

41. Th	ne process of		
self-ex	xploration help to improv	ving	
*		1	
0	a. Understanding	818 4576 (01.24)	
_			
0	b. Happiness		
0	c. Relationship		
()	d. All of the above		
42. Th	ne subparts of		
42. Th	ne subparts of ontent of self-exploration	n areand	
42. Th		n areand	
42. Th		n areand	
42. Th		n areand	
42. The the co	entent of self-exploration a. Desire and Program	n areand	
42. The the co	ontent of self-exploration	areand	
42. The the co	entent of self-exploration a. Desire and Program	areand	
42. The the co	a. Desire and Program b. Desire and Thought	areand	

43. Two basic things in the content of self-exploration are to know my basic desires in life and second is to know how to _____

a. Perform these

b. Remove these

c. Fulfill these

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d. Forget these

44. Mechanisms of self-exploration are _____and __ a. Natural acceptance and Experimental Validation b. Natural acceptance and Experiential Validation c. Experimental Validation and Verification d. Natural acceptance and Verification

45. Natural acceptance and _____ are two main process of knowing. a. Self-Actualization b. Self-Control c. Self-Exploration d. Self-Evaluation

46. Self exploration uses two mechanisms – natural acceptance and _____

- a. reason
- b. experimental validation
- c. logical thinking

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b. Lack of physical facility

c. Lack of respect

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Gmail - VKIT :ECE: Universal Human Value : Module-1: Introduction to Value Education d. Lack of trust 50. What is the example of materialistic desire? a. Happiness b. Money c. Peace d. Respect 51. What is the example of non-materialistic desire? a. Happiness b. Money c. Big-House

52. _____ is the basic unit of any human society.

a. Group

b. Individual

d. Car

c. Nature

d. Society

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53. Human life is lived at four levels: individual, family, society and	
*	
a. Nature	
O · b. Nurture	
C. World	
d. Universe	
54. Many human values seem good or right due to	
a. Positive feelings	
b. Internal happiness	
c. Natural acceptance	
d. All of the above	

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VKIT-ECE- UHV-Module 2: Harmony in the Human Being - Assignment Questions of Universal Human Value;—Understanding Human being as the Coexistence of the Self and the Body, Distinguishing between the Needs of the Self and the Body, The Body as an Instrument of the Self, Understanding Harmony in the Self, Harmony of the Self with the Body, Programme to ensure self-regulation and Health

Total points 51/53 ②

Answer all the questions.

The state of the s	College Colleg	Electrical designation of the control of the contro	The state of the s
Name *			
Harshith Kumar H		u etroeid ·	
			TO PAGE
usn *			
1VK21EC012			
✓ 1. Each human being is co-existence of the	and the	- este a	1/1
a. Cost, Value			
O b Mind, Body			
C. Evaluation, Material			
d. Self, Body			y

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2 Self is what we term as and Body is what we see with our *1/1	
a. Me and ears	A Harrison
The state of the s	
b. I and eyes	The same and the same
O c land ears	
O d. Me and eyes	
✓ 3. The need of the Self is while the need of the body is	PARA NA
tanacky in the Self, Heristopy of the self.	
a. Happiness and physical facility	
O b Mind, Material	Land Harris
C Right Understanding, Desire	
O d Recognizing and fulfilling	
✓ 4. Needs of Body are Temporary whereas needs of Self are continuous * 1/1	
	THE RESERVE
a. True	
O b Faise	
4	
5. Needs of Body are qualitative whereas needs of Self are quantitative * 1/1	A PROPERTY.
O a Two	Jacob Jacobson
O a True	
• b. False	7.1-1737
	4.50
✓ 6. The human being is the *	
o. The number being is the	
(a. Body	
O b. Self	
c. Co-existence of 'I' and the body	
The state of the s	
d. None of the above	

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✓ 7. What is the need of self 'I'? * 1/1
a. Respect
O b. Food
C. Good job
O d. Big car
✓ 8. The needs of the body are ensured bythings. * 1/1
a. Physico-chemical
O b. Right Understanding
○ c. Respect
O d. Any of above
✓ 9. The is an instrument of * 1/1
O a. I, Body
● b. Body, f
C. Both a and b
✓ 10. Trust, respect, happiness etc. are the needs of * 1/1
a. Self
O b Value
O c Material
O d Body
✓ 11. The need of the self areand not intermittent * 1/1
a. Continuous
O b Temporary
O c Permanent
d. Regular VIVENAMANA INSTITUTE OF TECHNOLOGY Bangalore - 560 074

12. Clothing, nourishment etc. are the needs of * 1/1	
O a Material	
O b. Self	ALC: HE TO N
● c. Body	
d. Nature	
✓ 13. The system of the body works inway. * 1/1	
() a. Нарру	
b. Self organized	
O c. random	
O d. Independent	
✓ 14. The needs of the self arein time and needs of body are *1/1	
O - Dominion Brown	
a Discontinuous, Permanent b. Continuous, limited time (temporary)	And the substitute
C. Happiness, Permanent	
O d. None of above	
	1. 建加油油
	•
✓ 15. Self has the activity of and which are *1/1 continuous	學的類似的
a. Right Understanding, Right Feeling, Happiness	
b Knowing, Assuming, Recognising	
C Quantity, quality, trust	The state of the s
d. Desire, thought, expectation	
✓ 16. The recognition and fulfillment of the body is* 1/1	
a. Indefinite b. continuous	
c. definite	Some 24/12/9073
datas de la continuous	VIVEKANANDA INSTITUTE OF TECHNOLOGY
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	~	17. The self is based on and * 1/1
	450000	
	0	a. Knowing, assuming, recognizing, fulfilling
	0	b. Unknowing, assuming, recognizing, fulfilling
	0	c. Unknowing, accounting, recognizing, fulfilling'
	0	d. Knowing, accounting, recounting, fulfilling
	-	18. The self is in nature while body is in nature. * 1/1
	0	a. Unconscious, Physico-chemical
	0	b. Conscious, Physico-chemical
	0	c. Physico-Chemical
		d. None
	, The	
	/	19. Self is the domain of and body is the domain of * 1/1
	0	a. Education, sansakar
•	0	b. Problem, Solution
	0	c. Preconditioning, self-verification
	•	d. Consciousness, material
		20. Today's education has very less role to play in order to ensure *1/1 harmony in
	0	a Individual
	0	b. Family
	0	c. Society
	•	d. All of the above
	Some survey	
	~	21. What is the need of Body? * 1/1
	0	a. Water
	0	b. Trust
	0	c. Happiness
		d. Peace Principal VIVERAMANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074
		C. F Cauc Sengelore - 560 074

✓ 22. To being a state of Harmony is * 1/1	
a. Unhappiness	
O b. Satisfaction	
● c. Happiness	
O d. Prosperity	
✓ 23. A harmonious world is created by values at 4 levels. They are : * 1/1	
a. Home, family, society and world	
b. Individual, family, society and nature/existence	
c. Individual, family, city and universe	
d. None of the above	装 看是"表"。
24 is the information we get from the Body through the five *1/1 sense organs	
O a precondition	
b. Sensation	
C Natural acceptance	
O d None	
7. 1984 1984 1985 - The Committee of the	
✓ 25. Self being the * 1/1	
a. doer, seer and Enjoyer	
b. doer	
○ c seer	
O d enjoyer	
	STATE OF STREET
✓ 26 means one who is able to see, feel and understand the *1/1 reality.	
a. doer	
● b. seer	The state of the same of
O c. Enjoyer	
d. None Procepal VIVEKANANDA INSTITUTE OF TECHNOLOG Baccology	Translation (1987)
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B

	~	27 means one who is capable of taking decisions to do or *1/1 not to do.
	•	a. doer
	0	b. seer
	0	c. Enjoyer
	0	d. None
	~	28 means one who experiences happiness and unhappiness. * 1/1
	0	a. Doer
	0	b. Seer
	•	c. Enjoyer
	0	d. None
	_	29. I being the 1/1
	eseminos	
	•	a. doer, seer and Enjoyer
	0	b. Doer
	0	c. Seer
	O	d. enjoyer
	5 57515	
	~	30. Which of the following is a positive value? * 1/1
	•	a. Self respect
	0	b. Anger
	0	c. Fear
	0	d. Narrow mindedness
	DSE.	
	~	31. The four dimensions of a human being are thought,, work *1/1 and realization.
o		a Action Research 2x1(218032
	0	Principal
	0	Oangaiore - 560 074
	0	c. Speaking
	O	d. Behaviour

f 3 a Thought evetow
Thought system
b Performance system
● c. Belief System
d. Behaviour system
✓ 33. Beliefs comes to us from: * 1/1
a. What we read
b. What we see
C. What parents and friends talk about
● d. All of the above
✓ 34. Each Human being is co-existence of * 1/1
a. Spirit and Sanyam
b. Health and prosperity
○ c. Self and Body
d. Mind and Soul
✓ 35. Each human being is co-existence of the and the *1/1
✓ 35. Each human being is co-existence of the and the *1/1
✓ 35. Each human being is co-existence of the and the *1/1 O a. Self, Self
✓ 35. Each human being is co-existence of the and the *1/1 O a. Self , Self O b. body, body
✓ 35. Each human being is co-existence of the and the *1/1 — a. Self , Self b. body, body c. self , body d. None
✓ 35. Each human being is co-existence of the and the *1/1 ○ a. Self , Self ○ b. body, body ○ c. self , body ○ d. None
✓ 35. Each human being is co-existence of the and the *1/1 ——————————————————————————————————
✓ 35. Each human being is co-existence of the and the *1/1 ☐ a. Self , Self ☐ b. body, body ☐ c. self , body ☐ d. None ✓ 36. Preconditioning is * 1/1
✓ 35. Each human being is co-existence of the and the *1/1 ☐ a. Self , Self ☐ b. body, body ☐ c. self , body ☐ d. None ✓ 36. Preconditioning is * 1/1 ■ a. Assuming without knowing
✓ 35. Each human being is co-existence of the and the *1/1 ○ a. Self , Self ○ b. body, body ○ c. self , body ○ d. None ✓ 36. Preconditioning is ^* 1/1 ② a. Assuming without knowing ○ b. Knowing without Assuming
✓ 35. Each human being is co-existence of the and the *1/1 ☐ a. Self , Self ☐ b. body, body ☐ c. self , body ☐ d. None ✓ 36. Preconditioning is * 1/1 ■ a. Assuming without knowing

✓ 37. When we assume something about on the prevailing notion it is called	s *1/1
a. Natural Acceptance	
b. Value Education	
c. Preconditioning	1
d. Right Understanding	†
✓ 38. Which of the following is NOT a response of the Self? *	1/1
a. Knowing	•
O b. Assuming	
C. Recognising	
d. Preconditioning	
39. Fulfillment and evaluation of feelings lead to mutualin relationship.	*1/1
a. Understanding	
b. Prosperity	
C. Happiness	
O d. None	
✓ 40. What is the innateness of material order? *	1/1
a. Existence	
b existence + growth in hody	
c. existence + growth in body + will to live in I	
d. existence + growth in body + will to live with happiness in I	
✓ 41. Imagination is the combination of: *	1/1
O a Desire and Thought	54,
b. Thought and Selection b. Thought and Selection b. Thought and Selection Bangalore - 560 074	Droe
C Desire, Thought and Selection	
d. None of the above	~

a Body b Health c c. Imagination d Future 43 Imaging is with time * 1/1 a. Continuous b discontinuous c random d different 44 The requirement of body is nurturing, and right utilization. * 1/1 a Desire b protection c Thought d Expectation 45 Suich and both are needed and can't replace each other * 1/1 a Self b Body c c. Suvidha d Belief 46. In value education Sanyagna means * 1/1 a. Self-regulation b Health c Happiness d Prosperity	42. The activity of desire, thought and expecting together is called as	
D. Health C. Imagination d. Future 43. Imaging is with time * 1/1 a. Continuous b. discontinuous c. random d. different 44. The requirement of body is nurturing, and right utilization. * 1/1 a Desire b. protection c. Thought d. Expectation 45. Sukh and both are needed and can't replace each other * 1/1 a. Self b. Biddy c. Swidha d. Belief 46. In value education Sanyama means * 1/1 a. Self-regulation b. Health c. Happiness d. Respectation C. Happiness d. Respectation d. Respectation d. Respectation c. Happiness d. Respectation d. Respectati	O a Body	
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### 43 Imaging is with time.* ### a. Continuous b. discontinuous c. random d. different ### 44 The requirement of body is nurturing, and right utilization.* 1/1 a. Desire b. protection c. fhought d. Expectation ### 45 Sukh and both are needed and can't replace each other. ### 1/1 a. Self b. Body c. Suvidha d. Beilef ### 46. In value education Sanyama means * 1/1 a. Self-regulation b. Health c. Happiness d. Persenation #### 171 ####	O d. ruttile	
a. Continuous b. discontinuous c. random d. different 44 The requirement of body is nurturing, and right utilization. * 1/1 a Desire b. protection c. thought d. Expectation 45 Sukh and both are needed and can't replace each other * 1/1 a Self b. Body c. Suvidha d. Belief 46. In value education Sanyama means * 1/1 a. self-regulation b. Health c. Happiness d. Desires d. Desi		
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b. protection c Thought d Expectation 45 Sukh and both are needed and can't replace each other. 1/1 a Self b Body c. Suvidha d Belief 46. In value education Sanyama means 1/1 a. Self-regulation b. Health c Happiness d A Proposition A Pr	44 The requirement of body is norturing, and right utilization. ~ 1/1	
b. protection c Thought d Expectation 45 Sukh and both are needed and can't replace each other. 1/1 a Self b Body c. Suvidha d Belief 46. In value education Sanyama means 1/1 a. Self-regulation b. Health c Happiness d A Proposition A Pr	(a Desire	
 C Thought d Expectation ✓ 45 Sukh and both are needed and can't replace each other. * 1/1 a Self b Body c. Suvidha d. Belief ✓ 46. In value education Sanyama means * 1/1 a. Self-regulation b. Health c. Happiness C. Happiness 	● b. protection	
✓ 45 Sukh and both are needed and can't replace each other. * 1/1 o a Self b Body c Suvidha d Belief ✓ 46. In value education Sanyama means * 1/1 a Self-regulation b Health c Happiness A Beneralius	© c. Thought	
 a Self b Body c. Suvidha d Belief ✓ 46. In value education Sanyama means * 1/1 • a. Self-regulation • b. Health • c. Happiness Principal *** Principal *** *** ** *** *** *** *** *** *** ***	d Expectation	
 a Self b Body c. Suvidha d Belief ✓ 46. In value education Sanyama means * 1/1 • a. Self-regulation • b. Health • c. Happiness Principal *** Principal *** *** ** *** *** *** *** *** *** ***		
 a Self b Body c. Suvidha d Belief ✓ 46. In value education Sanyama means * 1/1 • a. Self-regulation • b. Health • c. Happiness Principal *** Principal *** *** ** *** *** *** *** *** *** ***		
 ○ c. Suvidha ○ d. Belief ✓ 46. In value education Sanyama means * 1/1 ○ a. Self-regulation ○ b. Health ○ c. Happiness ○ d. Propositive 	✓ 45 Sukh and both are needed and can't replace each other. * 1/1	
 ○ c. Suvidha ○ d. Belief ✓ 46. In value education Sanyama means * 1/1 ○ a. Self-regulation ○ b. Health ○ c. Happiness ○ d. Propositive 	C a Soft	
 ★ c. Suvidha ✓ d. Belief ✓ 46. In value education Sanyama means * 1/1 ♠ a. Self-regulation ♠ b. Health ♠ c. Happiness ♠ c. Happiness ♠ d. Propositive 		
 ✓ d. In value education Sanyama means* ✓ a. Self-regulation ✓ b. Health ✓ c. Happiness 		
✓ 46. In value education Sanyama means * 1/1 a. Self-regulation b. Health c. Happiness Principal Principal IVERAMANDA INSTITUTE OF TECHNOLOGY.		
✓ 46. In value education Sanyama means * 1/1 a. Self-regulation b. Health c. Happiness Principal Preservoite IVERAMANDA INSTITUTE OF TECHNOLOGY.	O d. Belief	
a. Self-regulation b. Health c. Happiness Procept IVERNAMANDA INSTITUTE OF TECHNOLOGY IVERNAMANDA INSTITUTE OF TECHN		机类型物质设
a. Self-regulation b. Health c. Happiness Procept IVERNAMANDA INSTITUTE OF TECHNOLOGY IVERNAMANDA INSTITUTE OF TECHN	✓ 46. In value education Sanyama means * 1/1	
O d Propositiv		
O c. Happiness	a. Self-regulation	
Principal VIVEKANANDA INSTITUTE DE TECHNILION		
O d Propositive	Procinal	
	VIVEKANANDA INSTITUTE DE TECHNINADA	

✓ 47. Sadupyog of the Body mean	of the Body. *	1/1
O a Self-regulation .		
h. Care		
_ C. Happiness		
d. Right utilization		~
		union v recovered to the
✓ 48 is the feeling of responsite right utilizing the body.	pility for nurturing, protecting and	1/1
right dailizing the body.		
O a. Swasthya		
b. Sanyam		7
O c. Prosperity		
O d. None		
49. Where there is harmony among the	e parts of the body, it is known as	1/1
•		
a. Swasthya		~
O b. Sanyam		
O c. Prosperity		•
O d. None		
£0. Sukh oon he enguad he the right u		
50. Sukh can be ensured by the right u	nderstanding and right reenings.	1/1
a. True		<i>y</i>
O b False		CASE AND THE
	and the second	el.
AAAA SI		TO SEE SEE
51. As individual people aspiring for the	e universal human order will be	*1/1
		*
O a. More rich		0
b. More responsible socially and ecological	ally.	V
C. More powerful	در برام در مام	500 C 100 C
d. More well-travelled	Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY	
	Bangalore - 560 074	

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VKIT-ECE-Module 3: Universal Human Values – II: Understanding Harmony and Ethical Human Conduct

Ethical Human Conduct Total points 34/35 ? Answer all the questions	
Name * Harshith Kumar H	
USN * 1VK21EC012	
✓ 1. Harmony should be maintained in * ○ a Between body and life ○ b Between self and society ○ c Between life and environment ○ d. All the above	1/1
✓ 2. Harmony in the family has to fulfil the relationship between	*1/1
 b. self and other human being c. One human being and the other human being d. None of the above 	
✓ 3. In order to fulfil relationship, it is necessary relationship. *	1/1
a. Understand b. Appreciate c. Accept d. None of the above d. None of the above	

	4. Relationship is between ^ 1/1	
	a. Self and body	
0	b. One Self and another Self	
) c. Life and society	
C	d. None of the above	
~	5. There are feelings in relationship in * * 1/1	
•	a, One self for the other self	
0	b. One self and other body	
0	c. One body and other self	
	d. None of the above	
	4 Cabuattan maran	
	6. Sahastitva means* 1/1	
•	a. Co-existence	
0	b. Co-operation •	
0	c. Cooption	
0	d. Corporate identity	
_	7. The process of education and right living leads to in the *1/1	
	individual.	
•	a. Right understanding	COLUMN TO
.0	b. Health	
0	c. Prosperity	
0	d. None	et in the second
	8. Ensuring justice in the relationship, on the basis of values leads to *1/1	
	in society.	
0	a. Fearlessness	
0	b. Confusion	
0	c. Confidence	
0	d. Fear Bangalore - 550 074	
2000		

P

✓ 9 is the foundational value in relationship. * 1/1
a. Respect
O b. Love
• c. Trust
O d. Glory
✓ 10. To be assured of others at all time is the feeling of * 1/1
a. Respect
O b Love
● c. Trust
O d. Glory
✓ 11 means right evaluation. * 1/1
a Respect
O b. Love
● c. Trust
O d Glory
12. The feeling that other is related to make called
✓ 12. The feeling that other is related to me is called * 1/1
O a Love
b. Affection
O c Gratitude
d. Respect
✓ 13. The feeling to nurture and protect the body of our relative is *1/1 called
● a. Care
b. Affection
O c. Gratitude
d. Respect WERANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074

✓ 14. Ensuring right understanding and feeling in the others is *1/1 called	
○ a. Care	
O -b Affection	
C Gratifude	
d. Guidance	
✓ 15. Acceptance of excellence in others is called * 1/1	
a. Reverence	
O b. Glory	
○ c. Gratitude	ET GARAGES
O d Guidance	
✓ 16 is the feeling for someone who has made efforts for *1/1	
excellence.	
a. Reverence	
● b. Glory	
O c. Gratitude	
d. Guidance	entine green
✓ 17 is the feeling of acceptance for those who have made *1/1	
17 is the feeling of acceptance for those who have made *1/1 efforts for my excellence.	
a. Reverence	
b. Gloryc. Gratitude	
O d. Guidance	The state of the s
✓ 18 is a complete value. * 1/1	
a. Love	The state of the s
O b Affection	
O c. Gratitude	
d. Respect	
159	

√ 1	9. The feeling of relatedness to all human beings is called * 1/1
0 :	a. Love
() t	b. Affection
0	c. Gratitude
0	d. Respect
× 2	20 is an extension of family. * 0/1
0	a. Self
\$00.650.43	b. Body
0	c. Society
0	d. Nature
Correc	ct answer
© 0	: Society
THE PROPERTY OF	第500年 18 10 X 1
✓ 2	1 is the basic unit of human interaction. * 1/1
✓ 2	
#860EXTEX	•
© a	1 is the basic unit of human interaction. * 1/1
	is the basic unit of human interaction. * 1/1 a. Family b. Society c. Nature
	1 is the basic unit of human interaction. * 1/1 a. Family b. Society
	is the basic unit of human interaction. * 1/1 a. Family b. Society c. Nature
	is the basic unit of human interaction. * 1/1 a. Family b. Society c. Nature d. None
	is the basic unit of human interaction. * 1/1 a. Family b. Society c. Nature
	is the basic unit of human interaction. * 1/1 a. Family b. Society c. Nature d. None
 a b c d d	is the basic unit of human interaction. * 1/1 a. Family b. Society c. Nature d. None 2. We all are similar at the level of our but differ in our *1/1
 a b c d d d e e b 	is the basic unit of human interaction. * 1/1 a. Family b. Society c. Nature d. None 2. We all are similar at the level of ourbut differ in our *1/1 b. Competence, Intension
 ■ a □ b □ c 	is the basic unit of human interaction. * 1/1 a. Family b. Society Nature d. None 2. We all are similar at the level of ourbut differ in our *1/1 b. Competence, Intension Intension, Competence
 a b c 	is the basic unit of human interaction. * 1/1 a. Family b. Society c. Nature d. None 2. We all are similar at the level of ourbut differ in our *1/1 b. Competence, Intension b. Intension, Competence c. All the above

23. There is justice in relationship when there	is * 1/1
a. Mutual Fulfillment	
b. Self-regulation	Y
C. Freedom	
O d. None	
U. Notice	
✓ 24. Saha-Astitwa means*	1/1
a. Right understanding b. Trust	
C. Prosperity	
d. Co-existence	and the second on the state of
	· ·
✓ 25. Abhay means*	1/1
a. Right understanding	
b. Trust and fearlessness	
C. Prosperity	
d. Co-existence	
d. co-existence	
✓ 26. Samridhi means*	1/1
a. Right understanding b Trust and fearlessness	•
c. Prosperity	
O d. Co-existence	
✓ 27 is the ability to perform a sp	ecific task action or *1/1
function successfully.	
O a Health	•
b, Competence	
C. Intension	
O d None	Rocald May 27 121 30 27
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B

		28. Comprehensive human goal is right understanding, prosperity, trust *1/1 (fearlessness) and
	•	a. Co-existence
	0	b. Happiness •
	- 0	c. Abhay
	0	d. None
•		
	-	29. The basic unit of learning human interaction is * 1/1
	0	a. Society
	0	b. Nature
	0	c. Friends
	0	d. Family
	Same of the last o	
	generalistician	30 is the human value which is all-encompassing. * 1/1
	•	So is the number value which is already hipposing.
	0	a. Love
4.4	0	b Glory
	-	
	0	c. Care
	0	c. Care d. gratitude
	0	
	0	
	0 0	d. gratitude
	000	d. gratitude 1 31. There arefeelings in human relationship. * 1/1
	0 0 0 0 0	d. gratitude 1 31. There arefeelings in human relationship. * 1/1
	0 0 v 0 0 0	d. gratitude 7 31. There arefeelings in human relationship. * 1/1 5 b. 10
	0 0 v 0 0 0 0	d. gratitude 7 31. There arefeelings in human relationship. * 1/1 5 b. 10 c. 9 d. 8
	0 0 0	d. gratitude 1 31. There arefeelings in human relationship. * 1/1 5 b. 10 c. 9
	0 0 0	d. gratitude 7 31. There arefeelings in human relationship. * 1/1 5 b. 10 c. 9 d. 8
	0 0 0	d. gratitude 7 31. There arefeelings in human relationship. * 1/1 5 b. 10 c. 9 d. 8
	0 0 0	d. gratitude 1 31. There arefeelings in human relationship. * 1/1 5 b. 10 c. 9 d. 8 32. Harmony in the family is the building block for harmony in the *1/1 a. Society b. individual
	0 0 0	d. gratitude 1 31. There arefeelings in human relationship. * 1/1 5 b. 10 c. 9 d. 8 32. Harmony in the family is the building block for harmony in the *1/1 a. Society b. individual c. friend Amount of the state of
	0 0 0	d. gratitude 1 31. There arefeelings in human relationship. * 1/1 5 b. 10 c. 9 d. 8 32. Harmony in the family is the building block for harmony in the *1/1 a. Society b. individual

	in the family means that the family is able to identify *1/1 s needs.
O a	. Wealth
(b	. prosperity
O c	. harmony
Od	happiness
✓ 34	4. Justice is what we get in law courts. * 1/1
(a.	True
⊙ b.	False
hadren areas	
✓ 35	5. There are four orders or level of lives. * 1/1
⊚ a.	.True
Ob	False

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VKIT-ECE-Module 4 and Module 5 : Universal Human Values – II: Understanding Harmony and Ethica Human Conduct

Understanding Harmony and Ethical Human Conduct Total points 15/15 ? Answer all the questions
Name * Harshith Kumar H
USN * 1VK21EC012
✓ 1. All the units of nature can be classified into_orders * 1/1
Оатwo
O b Three
● c. Four
○ d. Síx
✓ 2. Which of the following statement is true? * 1/1
✓ 2. Which of the following statement is true? * 1/1
 2. Which of the following statement is true? * a. Material units have only two kinds of activities; recognizing and fulfilling b. Material units have only three kinds of activities, assuming, recognizing and
 2. Which of the following statement is true? * a. Material units have only two kinds of activities; recognizing and fulfilling b. Material units have only three kinds of activities, assuming, recognizing and fulfilling c. Material units have only four kinds of activities; knowing, assuming, recognizing
 2. Which of the following statement is true? * a. Material units have only two kinds of activities; recognizing and fulfilling b. Material units have only three kinds of activities, assuming, recognizing and fulfilling c. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling
 2. Which of the following statement is true? * a. Material units have only two kinds of activities; recognizing and fulfilling b. Material units have only three kinds of activities, assuming, recognizing and fulfilling c. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling
 ✓ 2. Which of the following statement is true? * 1/1 ● a. Material units have only two kinds of activities; recognizing and fulfilling b. Material units have only three kinds of activities, assuming, recognizing and fulfilling c. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling d. None of the statement ✓ 3. Which of the following does not form an order in nature? * 1/1
 ✓ 2. Which of the following statement is true? * In a. Material units have only two kinds of activities; recognizing and fulfilling In b. Material units have only three kinds of activities. assuming, recognizing and fulfilling In a. Material units have only three kinds of activities; knowing, recognizing and fulfilling In a. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling In a. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling In a. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling In a. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling In a. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling In a. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling In a. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling In a. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling In a. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling In a. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling In a. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling In a. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling In a. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling
 ✓ 2. Which of the following statement is true? * ✓ a. Material units have only two kinds of activities; recognizing and fulfilling ✓ b. Material units have only three kinds of activities. assuming, recognizing and fulfilling ✓ c. Material units have only four kinds of activities; knowing, assuming, recognizing and fulfilling ✓ d. None of the statement ✓ 3. Which of the following does not form an order in nature? * ♦ 1/1

✓ 4. Which of the following statement is not true? * 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1
a. There is interconnectedness in nature
b. There is recyclability and self-regulation in nature
c. There is struggle for survival in nature
d. There is mutual fulfillment in nature
✓ 5. According to quantity, which of the following is true for the orders in *1/1
nature?
a Bio order >> physical order >> Animal order >> Human order
b Animal order >> Bio order >> physical order >> Human order
c. Physical order>> Bio order >> Animal order >> Human order
d. Physical order>> Animal order>> Bio order>> Human order
✓ 6. What is the innateness of animal order? * 1/1
○ a Existence
b. existence + growth in body
c. existence + growth in body + will to live in I
d. existence + growth in body + will to live with happiness in I
✓ 7. What is the innateness of human order? * 1/1
a. Existence
b. existence + growth in body
© c. existence + growth in body + will to live in I
d. existence + growth in body + will to live with happiness in I
✓ 8. What is the innateness of pranic order? *
a. Existence
b. existence + growth in body
c. existence + growth in body + will to live in I
d. existence + growth in body + will to live with happiness in t

✓ 9. What is the activity (kriya) of material order? * 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1		
a. Composition and decomposition		
b. Composition, decomposition and respiration		
C Composition, decomposition, respiration, and selection		
d. Composition, decomposition, respiration, selection, thought, and desiring		
✓ 10. What is the activity (kriya) of pranic order? * 1/1		
a. Composition and decomposition		
b. Composition, decomposition and respiration		
C. Composition, decomposition, respiration, and selection		
d. Composition, decomposition, respiration, selection, thought, and desiring		
✓ 11. What is the activity (kriya) of animal order? * 1/1		
a. Composition and decomposition		
b. Composition, decomposition and respiration		
c. Composition, decomposition, respiration, and selection		
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 d. Composition, decomposition, respiration, selection, thought, and desiring ✓ 12. What is the activity (kriya) of human order? * i. a. Composition and decomposition j. b. Composition, decomposition and respiration j. c. Composition, decomposition, respiration, and selection j. d. Composition, decomposition, respiration, selection, thought, and desiring ✓ 13. What is existence? * j. a. Existence = space + units (in space) j. D. Existence = Nature submerged in space 		

✓ 14. Which is the incorrect statement? *	1/1
a. Units are limited while space is unlimited.	
b. Space is self organized and in nature self-organized.	ganization is available.
_c. Units are active while space is inactive.	
d. Units are countable while space is uncounta	ble.
	the two comes and the control of the
✓ 15. The completion of right understanding i	n human being is called: * 1/1
a. Gathansheel.	
b. Gathanpurna	
c, Kriyapurnata	<u> </u>
O d. Acharpurnat	

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VIVEKANANDA INSTITUTE OF TECHNOLOGY

Bangalore - 560 074

Five day

Students Training Program(STP) on ROBOTICS "

FROM 20TH TO 24TH June - 2022

ekananda Institute of Technology Gudimavu, Kumbalgodu Post, Kengeri Hobli, Benglauru-560074

REGISTRATION FORM

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Principal NDA III

VIVEKANANDA INSTITUTE OF TECHNOLOGY

Bandalore - 560 074

Chief Patron:

i. H C Balakrishna President, JES, Bengaluru

Patron:

Sri S T Narayana Gowda

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Sri. Shyam Raju Chairman, GC, VKIT, JES, Bengaluru

Dr.N Govindaraju Advisor, VKIT, Bengaluru

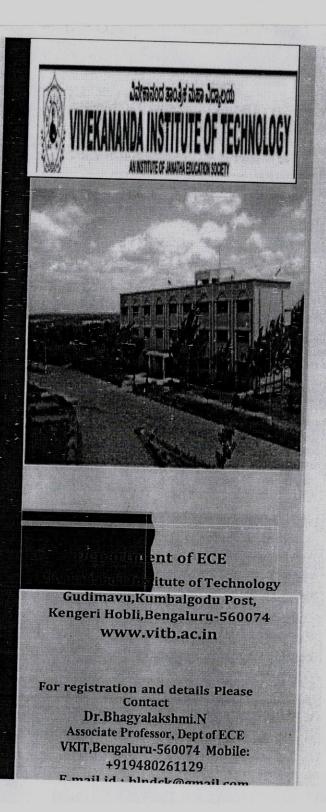
Rector: Dr. Padmanabha S Principal, VKIT, Bengaluru

Convener: Dr.Bhagyalakshmi.N Associate Professor, Dept of ECE

Coordinator: Mrs. Poornima H S Assistant Professor, Dept of ECE Mr. Faisal K Assistant Professor, Dept of ECE Mrs. Deepa Mathew Assistant Professor, Dept of ECE

Advisory Committee: All the Staff's of Dept of ECE

Resource Person: Mr. Karthik Wagle Senior Design Engineer, Effent Technologies



VIVEKANANDA INSTITUTE OF **TECHNOLOGY**

Vivekananda Institute of Technology (VKIT) was established in the year 1997 by Janatha Edu-cation Society (JES) Rajajinagar, Bengaluru, in its Silver Jubilee year and is one of the esteemed Engineering colleges in Karnataka. It is spread over 25 acres, located in Gudimavu with greenery in the campus. JES was established in the year 1972 and has 14 institutions. The college offers UG,PG and Ph.D programmes with VTU recognised research centres in ECE, CSE, Math- ematics and Chemistry departments. College renders quality based education aimed at build-ing skill, expertise and knowledge among its stu-dents in the area of technology and design. VKIT is affiliated to Visvesvaraya Technological Uni- versity, approved by AICTE New Delhi and rec- ognized by Government of Karnataka. VKIT hascarved a niche for itself for its best technical ed- ucation provided in the state

ABOUT THE DEPARTMENT

A warm welcome from the department of Electronics and Communication Engineering. The department has highly qualified experienced and committed staff members. The department strives to implement beyond the curriculum and supports the students in acquiring employability skills along with personal and career growth. The provision at the department, for in-house training and analytical support on strategic tech- nologies by participating in various well estab- lished clubs and forums encourage every student to become life-long learner by developing intel- lectual curiosity and a thirst for knowledge dis- covery and achievements.

DEPARTMENT VISION

To become a distinguished department by imparting At the end of the program the participants: quality Technical Education, In- novation and Research to cater technological resources for Industry and Societal growth.

DEPARTMENT MISSION

Nurture Excellence in the field of Electronics and Communication Engi-neering to meet the needs of the industry.

To facilitate students by promoting multidisciplinary skill development courses suita-ble for industry, Innovation and Research.

To Foster overall personality of the students and faculties by providing behavioural, Pro-fessional attitude and ethical values through training programs.

OBJECTIVES OF THE PROGRAM

The main objects of students training program is to impart adequate knowledge and hands on training and Robotics.

TARGET GROUP

Science and Technology graduates/diploma holders or those who are doing their final year diploma/degree in engineering/ technology.

VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074

EXPECTED OUTCOME

- · Would get started with LED, Lightining LED series parallel connection of LED and to build the knowledge to expand it the to other applications
- Learn the concept of obstacle avoider, light follower Robot and wall follower Robot.

Venue VHDL AND HDL Lab, Dept of ECE, **VKIT Campus**

Resource Persons:

Mr. Karthik Wagle Senior Design Engineer, Effent Technologies



VIVEKANANDA INSTITUTE OF TECHNOLOGY

Gudimavu, Kumbalagodu Post, Kengeri Hobli, Bengaluru-560 074



Website: www.vitb.ac.in



Department of Electronics and Communication Engineering Five Days Student Training Program (STP)

on

Robotics

20th -24th June 2022

Contents

Day-1:

- > Introduction to LED, Lighting a LED, Series Parallel Connections of LED
- ➤ Introduction to switches Types SPST, SPDT, Push to on, Momentary switch, interfacing the switch types, two-way control of devices
- Concept of potentiometer, controlling brightness of LED, motor concept working, direction control of Motor

Day-2:

- Introduction to sensors Types Light sensor, interfacing light sensor, light sensor controlled LED's, Infrared sensor, interfacing IR sensor, IR sensor controlled buzzer
- > Projects: Automatic street lighting system, door open detection, Smart Home

Day-3:

- > Introduction to microcontroller, Introduction to programming- Embedded C
- ➤ Introduction to arduino, installing software, Controlling an LED
- Writing digital output to a port, writing analog outputs, reading digital inputs, reading analog inputs, concept of delay and its effects
- Controlling a motor, Sensor based motor control, working with speed control of motors & brightness of LED, Sensor based robot movements

Day-4:

Projects: Obstacle avoider robot
 Pit avoider robot

Day-5:

Projects: Light follower robotWall follower robot

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VIVEKANANDA INSTITUTE OF TECHNOLOGY
Bangalore - 560 074

VIVEKANANDA INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Approved by AICTE and Recognised by Govt. of Karnataka) GUDIMAVU, KUMBALGODU POST, KENGERI HOBLI, BENGALURU – 74

Department of Electronics and Communication Engg



Date: 13.06.2022

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Sri .S.T.Narayan Gowda Vice President, JES, Bengaluru Dr. C N Manchegowda Secretary, JES, Bengaluru Sri I. Narayana Reddy Joint Secretary JES, Bengaluru Sri. N Nagaraj Treasurer, JES, Bengaluru Sri Uma Shankar Vice Chairman Building Committee, JES Sri Harish Appa Reddy Internal Auditor, JES, Bengaluru Sri Anil G V Chairman Purchase Committee, Brand Building & Promotions, JES, Bengaluru Sri. K Syama Raju Chairman, GC, VKIT.Bengaluru Smt Indra Gopalkrishna Vice-Chairman, GC, VKIT. Bengalurt

RECTOR

VKIT.Bengaluru

Dr. Padmanabha S Principal, VKIT, Bengaluru

Dr. N Govindaraju Advisor Cum Administrator

Chair Person/Convener Dr. Bhagyalakshmi.N Prof and HOD, Dept of ECE, VKIT, Bengaluru

Coordinators:

Prof. Poornima H S Assistant Professor, Dept of ECE Prof. Faisal K Assistant Professor, Dept of ECE Prof. Deepa Mathew K Assistant Professor, Dept of ECE Ref.: VKIT/ECE/168 /2021-2022



Electronics Forum

CIRCULAR

Five days Student Training Program on "ROBOTICS" from 20th -24th June 2022

Dear Sir/Madam,

It gives us immense pleasure to inform that, Five days Student Trainir Program on "ROBOTICS" from 20th - 24th June 2022, is organised und Electronics Forum, for Students of all Semester and Faculties of ECE Dept., part of Golden Jubilee Celebration of Janatha Education Society and Silv Jubilee Celebration of Vivekananda Institute of Technology.

Note: Free Registration and Certificate of participation issued.

Inauguration on 20th June 2022 at 09.30 AM

Venue: Seminar Hall, VKIT

With Regards.

Dr. Bhagyalakshmi.N **Prof and HOD**

Administrator Cum

Dr.Padmanabha S Principal/ IQAC Head

Vice Principal

An IQAC Initiative

Copy to: Principal Desk, Vice Principal, HOD's: CSE, ISE, AI&ME,

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VIVEKANANDA INSTITUTE OF TECHNOLOGY

Gudimavu, Kumbalagodu Post, Kengeri Hobli Bengaluru-560 074 Website:www.vitb.ac.in



Department of Electronics and Communication Engineering

is organizing

Five days Students Training Program (STP)

on

"ROBOTICS"

Inaugural Function on 20th June 2022

Chief Guests Mr. Hemanth Kumar Chief Executive Officer. Effent Technologies, Bengaluru

Smt. Indira Gopalkrishna Vice-Chairman, GC, VKIT, Bengaluru

Presided by: Dr. N Govindaraju, Advisor Cum Administrator, VKIT, Bengaluru

> Time: 09.30AM Venue: VKIT Seminar Hall

Convener Dr. Bhagyalakshmi N Prof and Head, Dept, of ECE

Dr. D V Chandrasekhar Vice Principal

Dr. Padmanabha S Principal

All are Cordially Invited...!!

VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074



Janatha Education Society® VIVEKANANDA INSTITUTE OF TECHNOLOGY

Gudimavu, Kumbalagodu Post, Kengeri Hobli, Bengaluru-560 074







Department of Electronics and Communication Engineering

Five days Student Training Program (STP) on "ROBOTICS"

Inauguration Program Schedule

Day	Date	Time	Contents
			Welcoming the gathering by Poornima H S, Assistant Professor, Dept of ECE, VKIT
	*	4 - 12	• Invocation by Kum. Inchara, 4th Sem, Dept of ECE, VKIT
Monday	20.06.2022	10.00 am to 10.30 am	Welcome address by Dr.Bhagyalakshmi N, Prof. & HOD,Dept of ECE,VKIT
			Lighting the Lamp by the dignitaries
		c	Address by Chief Guest:
		, I	Mr.Karthik Wagale, Senior Design Engineer, Effent Technologies
	٠	-	Address by Smt. IndraGopalkrishna Vice-Chairman-GC-VKIT
	5		Address by Dr. N Govindaraju Advisor Cum Administrator - VKIT
		*	Address by Dr.Padmanabha S Principal - VKIT
			• Vote of Thanks by Kum.Bhagyamma, 4th Sem, Dept of ECE, VKIT

1 | Page

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VIVEKANANDA INSTITUTE OF TECHNOLOGY
Bangalore - 560 074



Vivekananda Institute of Technol

Gudimavu, Kumbalagodu Post, Kengeri Hobli, Bengaluru - 7

CELEBRATING CATE YEAR OF QUALITY EDUCATION

Department of
Electronics and Communication Engineering



Five days Student Training Program

"Robotics"

20th - 24th June 2022

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Bandalore - 560 074



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VIVEKANANDA INSTITUTE OF TECHNOLOGY

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

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Students Training Program on Robotics

SL	USN	Name	20/6/2	20/6/22	21/6/22	21/6/22	23/6/22	23/6/22	23/6/22	23/6/22	24/6/22	25/6/22
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Vivekananda Institute of Technology

Gudimavu, Kumbalagodu Post, Kengeri Hobli, Bengaluru - 74



CHIPPENS EQUEN SELECTIONS

Department of Electronics and Communication Engineering



Certificate of Participation

This is to certify that Mr./Ms./Mrs.______ SUNIL B.K. has attended the Five days Student Training Program on "Robotics" from 20th - 24th June 2022 at VKIT, Bengaluru-74.

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ANANDA INSTITUTE OF TECHNOLOG

VIVEKANANDA INSTITUTE OF TECHNOLOGY

Convener

Effent Technologies

Advisor Cum Administrator

Principal

Vivekananda Institute of Technology



Department of Electronics and Communication Engineering
Five Days Students Training Program on "ROBOTICS" 20th to 24th June 2022

Please indicate	vour	impressions	of the	items listed	below
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rlea	se indicate your impressions of the iten	ns listed be	low.			
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
	1. The training met my expectations.	8	0	0	0	0
	I will be able to apply the knowledge learned.	87	0	0	0	0
	The training objectives for each topic were identified and followed.	8	0	0	o	ū
	The content was organized and easy to follow.	8	ū	0	Π	a
	The materials distributed were pertinent and useful.	a	8	Ω	0	g
	6. The trainer was knowledgeable.	0	B	0	O	0
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	The trainer met the training objectives.	Ö	, o	0	O	t
	Class participation and interaction were encouraged.		0	a	0	O
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Department of Electronics and Communication Engineering

Report on

Five days Students Training Program (STP) on "Robotics"



COLUMN THE SEC TENSOR QUALITY EXECUTION

Introduction:

The main objective of Students Training Program is to impart adequate knowledge and hands on training on Robotics. This is an initiative by ECE department in association with EffentTechnologies who are the pioneers in the field of Robotics. The program was organized as part of Golden Jubilee Celebration of Janatha Education Society and Silver Jubilee Celebration of Vivekananda Institute of Technology.

Date:

20th June 2022 to 24th June 2022

Place of training:

> Embedded System's Laboratory, ECE Department

Resource Person:

Mr.Karthik Wagale
 Senior Design Engineer, Effent Technologies, Bangalore

The target groups:

 4^{th} and 6^{th} Sem Electronics and Communication Students and Faculties of ECE department.

Convener:

Dr.Bhagyalakshmi.N, Professor & HOD, Dept of ECE

Co-ordinators:

Mr. Faisal K, Asst. Professor ECE Dept.

Mrs.Poornima H.S, Asst.Professor ECE Dept.

Mrs.Deepa Mathew K, Asst.Professor ECE Dept.

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Course Contents:

20-06-2022	Introduction to LED Linking LED 0 : D. H.10		
20-06-2022	Introduction to LED, Lighting a LED, Series Parallel Connections		
	LED		
The Bentleman is to	> Introduction to switches – Types SPST, SPDT, Push to on,		
	Momentary switch, interfacing the switch types, two-way control of		
* 1	devices		
	Concept of potentiometer, controlling brightness of LED, motor		
	concept working, direction control of Motor		
21-06-2022	> Introduction to sensors - Types Light sensor, interfacing light		
	sensor, light sensor controlled LED's, Infrared sensor, interfacing IR		
	sensor, IR sensor controlled buzzer		
	> Projects: Automatic street lighting system, door open detection,		
	Smart Home		
	Building home applications		
	Arduino programs on controlling LED		
	Reading LED		
	Controlling motors		
	Sensor based motors		
	Pulse width modulation		
22-06-2022	> Introduction to microcontroller, Introduction to programming-		
	Embedded C		
	> Introduction to arduino, installing software, Controlling an LED		
	Writing digital output to a port, writing analog outputs, reading		
	digital inputs, reading analog inputs, concept of delay and its		
367 T 1 1	effects		
	Controlling a motor, Sensor based motor control, working with		
	speed control of motors & brightness of LED, Sensor based robot		
	movements		
	LCD interfacing using LDR sensor		
	Robotic experiments		
23-06-2022	> Projects: Obstacle avoider		
	Light follower		
9.00	Wall follower		
200	Line follower		
92/19/0			

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	Pit avoider	
24-06-2022	➤ Light follower Robot	
	> Wall Follower Robot	

The inauguration was held on 20th June 2022 in Seminar Hall, VKIT at 10:30 am. Chief Guest of the program was Mr.Karthik Wagale, Senior Design Engineer, Effent Technologies, Karnataka, **Dr.Padmanabha S**, Principal – VKIT, Dr.D V Chandrashekar, Vice Principal - VKIT and Convener **Dr.Bhagyalakshmi N**, Professor and HOD, Dept of ECE –VKIT chaired the function. Also, Heads of other Departments were also present along with the participants.

After the Inaugural Function, the training started with the introduction to Basic Electronics and Digital principles handled by Mr.Karthik Wagale. During the session the expert explained various programs on Robotics and students were able to implement the same with the Robotic kits. The program concluded with the valedictory function held on 24th June 2022 at 3.00 PM in the presence of Mr.Karthik Wagale, Senior Design Engineer, Effent Technologies, Karnataka, Dr.N Govindaraju, Advisor Cum Administarator-VKIT, Dr.Padmanabha S, Principal – VKIT, and Convener Dr.Bhagyalakshmi N, Professor and HOD, Dept of ECE –VKIT.

The entire ECE department, extends sincere thanks to the Management, Principal, Vice Principal, Advisor/Administrator and Vice Chairman for supporting the five days Student Training Program.



Principal

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Convener Dr.Bhagyalakshmi N Prof. & HOD, Dept of ECE

Principal '

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Vive cananda institute Of Technology Sudimavu, Kumbalagudii, Kannar (4) Bangalore - 560 074

Five Day

CERTIFICATION COURSE ON IOT "

OM 24TH TO 26TH AND 30TH TO 31ST OCTOBER - 2019



vekananda Institute of Technology

Dept of ECE

imavu, Kumbalgodu Post, Kengeri Hobli, Benglauru -560074

REGISTRATION FORM

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titution/Organization:		
signation:		
ntact Address :		_
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gistration Fees: Rs.100/-		

Signature of the Head of Institution

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Sri. H. C. Balakrishna President, JES, Bengaluru

Patron:

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Vice President, JES, Bengaluru
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Joint Secretary, JES, Bengaluru
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Treasurer, JES, Bengaluru
Sri K.P. Muthaiah
In-charge Member, VKIT campus
Sri B P Muniraju
Internal Auditor, JES, Bengaluru

Rector:

Dr. Kumar Kenche Gowda Principal, VKIT, Bengaluru

Convener:

Dr.Bhagyalakshmi.N Professor & HOD, Dept of ECE

Coordinators:

Mrs. Leelavathi.H.P
Associate Professor, Dept of ECE
Mr. Ranjan J
Assistant Professor, Dept of ECE
Mr. Harish G S
Assistant Professor, Dept of ECE
Mrs.Harshini.R
Assistant Professor, Dept of ECE

Advisory Committee: All Staff of ECE Dept

For registration and details Please Contact

Dr.Bhagyalakshmi.N Professor & HOD, Dept of ECE

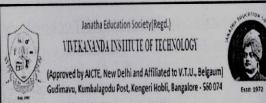
VKIT,Bengaluru-560074 Mobile: +919480261129

E-mail id : blndck@gmail.com

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FIVE DAY

"CERTIFICATION COURSE ON IOT



UNDER ELECTRONICS FORUM

FROM 24TH TO 26TH AND 30TH TO 31ST OCTOBER - 2019



Organized by

Dept of Electronics and Communication
Engg

Vivekananda Institute of Technology Gudimavu, Kumbalgodu Post, Kengeri Hobli,Bengaluru-560074 www.vitb.ac.in

Vivekananda Institute of Technology

vekananda Institute of Technology (VKIT) was ablished in the year 1997 by Janatha Education ciety (JES) Rajajinagar, Bengaluru, in its Silver pilee year and is one of the esteemed Engineercolleges in Karnataka. It is spread over 25 es, located in Gudimavu with greenery in the npus. JES was established in the year 1972 and 14 institutions.

college offers UG,PG and Ph.D programmes n VTU recognised research centres in ECE, E, Mathematics and Chemistry departments. lege renders quality based education aimed at ding skill, expertise and knowledge among its ents in the area of technology and design. T is affiliated to Visvesvaraya Technological versity, approved by AICTE New Delhi and gnized by Government of Karnataka. VKIT carved a niche for itself for its best technical ation provided in the state.

Electronics Forum

Electronics forum was inaugurated on 19th ber 2013 with a Tag Line "Looking the world gh the eye of Electronics". Since then various ical activities are conducted under the forum. forum provides a platform for the students to ely get involved in extra curricular activities xhibiting their talent.

About Certification Course

IoT Certification Course is the best way to get started on working with the IoT and to build your knowledge to expand it to other applications. Learn the concept of connecting any device with an on and off switch to the Internet.

Programme Objective

- To Develop Industrial Products.
- To inspire Age Group of all.
- Public discussions on Research Product.
- Activities and Fun Events To Think and to Aspire Industries.

Expected Outcome

At the end of the program the participants:

- Would get started on working with the IoT and to build the knowledge to expand it to other applications.
- Learn the concept of connecting any device with an on and off switch to the Internet.

Target Group

Science and Technology background students of 7th and 5th Sem, Dept of ECE.(UG Programme)

VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074

Venue VHDL and HDL Lab, Dept of ECE, **VKIT Campus**

Resource Persons:

Mr. Vishwanath Sajjan Director **INNOSTEM EDUNCE EDLABS Private** Limited

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Department of Electronics and Communication Engg

Electronics Forum

Five day "Certification Course on IOT" from 24th-26th and 30th to 31st October-2019

Course Content

Certificatio	n Course Instructor Information
Name	Vishwanath Sajjan
Organization/Affiliation	Innostem Edunce Edlabs Private Limited
Phone	+91-9886595241
Email	info@ieelabs.com
Facilitator's Background	Conducted Workshops on Entrepreneurship, IOT's, VLSI, Embedded Systems, Java, Web Development and Various other

Certification Co	ourse Information Overview		
Certification Course Title	IoT (Internet Of Things)		
Certification Course Description	Goals Of Course To Develop Industrial Products		
	 To inspire Age Group of all Public discussions on Research Product Activities and Fun Events To Think and to Aspire Industries 		
Handouts, Materials, Supplies	Audiovisual materials, Discussion and Events materials, as well as Laptops that participants bring with them.		

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Certification Course Breakdown

	Detailed Certification Course Plan
Schedule	Day One
	Introduction to the Internet of Things.
The same of the sa	The Internet of Things.
	The Basics of Sensors & Actuators.
	Introduction to Cloud Computing.
	The Arduino Platform.
	The Arduino Open-Microcontroller Platform.
	Arduino Basics.
	Day Two
	Arduino Board Layout & Architecture.
	Reading from Sensors Programming fundamentals (Clarguage) A. I.
	1 Togramming & interface of Sensors
	Interfacing sensors with Arduino
	Programming Arduino.
	Reading from Sensors.
	Day Three
	Control Devices using Localhost Web Server for Heavy
	micgrating Ethernet Modile & Testing DHCD Connection
	Creating Program for Localhost Web Server for controlling devices
	Being Social on Twitter & update status on Twitter through Arduino.
	Day Four
	Make Electronics Gadget Talk to Internet
	Integrating Ethernet Module
	Creating App on Twitter
	Send Voltage & Analog Data on Cloud Server.
	Cloud Computing
	Cloud Computing 8 J. T.
	Cloud Computing & IoT.
	Popular Cloud Computing Services for Sensor Management. Day Five
-	
	Understanding and Introduction to RPiWhat is SOC?
	Versions of Raspberry Pi & Their Difference
	Raspberry Pi 3
	Basics of Electronics
	> Hardware Description
	Pin Configuration
ull Course	Animated PPT and Videos presented.
resentation	•
	Overhead I CD projector Coming I Coming
	Overhead LCD projector, Copies made of specified handouts Dry erase board with markers, Laptops for web searching etc.
- sterpants Meeu	- Suprops for web scarefing etc.

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Sri I. Narayana Reddy Joint Secretary JES, Bengaluru

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Sri K. P. Muthaiah In-charge Member, VKIT campus

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Convener Dr.Bhagyalakshmi.N Prof and Head, Dept of ECE, VKIT, Bengaluru

Coordinators: Mrs. Leelavathi.H.P Associate Professor, Dept of ECE Mr. Ranjan J Assistant Professor, Dept of ECE

Mr. Harish G S Assistant Professor, Dept of ECE Mrs. Harshini. R

Assistant Professor, Dept of ECE

Electronics Forum

Ref.: VKIT/ECE/ \$4\$ /2019-20

Date: 10.10.19

CIRCULAR

Five days "Certification Course on IOT" from 24th - 26th and 30th - 31st October 2019.

Dear Sir/Madam,

It gives me immense pleasure to inform that, Five days "Certification Course on IOT", is organised under Electronics Forum, Dept of ECE from 24th - 26th and 30th - 31st October 2019 for Final year and Pre-final year students of ECE department.

Students of 7th Sem and 5th Sem should register with the Coordinators by 19.10.19.

Note: Registration fee is Rs.100/- with certificate of participation issued.

Venue: Dept of ECE (VLSI and HDL Lab)

Vivekananda Institute of Technology Gudimavu, Kumbalagodu Post, Kengeri Hobli, Bangalore 560074.

With Regards,

Dr. Bhagyalakshmi.N **Prof and Head**

Vice Principal, IQAC Head

Dr. Kumar Kenche Gowda

Principal

Copy to: Privisipal, Vice Principal, HOD's: CSE, ISE, Mech, Sivil, I

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Department of Electronics and Communication Engg

Electronics Forum

Students Registration Form

Five day "Certification Course on IOT" from 24th-26th and 30th to 31st October-2019

Sl.No.	Name	Dept	Signature
1.	BHAVYASHREE G	ECE	Bh_of G
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RECTOR

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Convener
Dr.Bhagyalakshmi.N
Prof and Head,
Dept of ECE, VKIT, Bengaluru

Coordinators:
Mrs. Leelavathi.H.P
Associate Professor, Dept of ECE
Mr. Ranjan.J
Assistant Professor, Dept of ECE

Mr.Harish.G.S
Assistant Professor, Dept of ECE
Mrs.Harshini.R

Assistant Professor, Dept of ECE

Ref.: VKIT/ECE/ 891 /2019-20

Date: 30.10.19

Report

On

Five days "Certification Course on IoT" from 24th – 26th and 30th - 31st October 2019.

Event Date: 24th – 26th and 30th - 31st October 2019.

Resource Person:

Mr. Vishwanath Sajjan

Director

Innostem Edunce Edlabs Private Limited

Qual 3003

Principal

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Objective:

- ◆ To Develop Industrial Products.
- To inspire Age Group of all.
- Public discussions on Research Product.
- ◆ Activities and Fun Events to think and to Aspire Industries.

About the Program:

IoT Certification Course is the best way to get started on working with the IoT and to build your knowledge to expand it to other applications. Learn the concept of connecting any device with an on and off switch to the Internet.

Outcome:

At the end of the program the participants/students:

- ◆ Would get started on working with the IoT and to build the knowledge to expand it to other applications.
- ◆ Learn the concept of connecting any device with an on and off switch to the Internet.











Dr. Bhagyalakshmi.N Prof and Head

Vice Principal, IQAC Head

Dr.Kumar Kenche Gowda Principal

Copy to: Head Office- JES, Principal Desk, Vice Principal &IQAC Head

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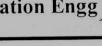
Janatha Education Society®



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Department of Electronics and Communication Engg



Electronics Forum

Five days "Certification Course on IOT" from 24th - 26th and 30th to 31st

October 2019

FEED BACK OF PARTICIPANT

Programme Location: VLSI & HDL Lab, Dept of ECE, VKIT, Bengaluru-74

Date: From 24th to 26th and 30th to 31st October 2019

- O.1) Course structure of the Programme.
 - a) Poor b) Average c) Good d) Excellent
- Q.2) Course Content.
 - a) Poor b) Average c) Good d) Excellent
- Q.3) Did you find the Course useful?
 - a) Very much b) To some extent c) Not useful
- Q.4) Did it fulfil your expectations?
 - Yes b) To some extent c) No
- Q.5) Quality of Handouts.
 - a) Poor b) Average c) Good d) Excellent
- Q.6) Planning of the Course.
 - a) Poor b) Average c) Good d) Excellent
- Q.7) Trainer.
 - a) Poor b) Average c) Good & Excellent
- O.8) Overall Verdict.
 - a) Poor b) Average c) Good d) Excellent

97/10/2003

THANK YOU!

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TO JAGADISH GOWDA P #99,HOSAKERI BILAGUMBA VILLAGE AND POST BILAGUMBA RAMANAGARA KARNATAKA 562159

PH. NO :9900275535



Type of Certificate Score Elite+Gold >=90 Elite+Silver 75-89 >=60 Elite 40-59 Successfully Completed No Certificate <40

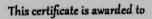
No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



nline Certification

(Funded by the Ministry of HRD, Govt. of India)



JAGADISH GOWDA P for successfully completing the course

Programming In Java

with a consolidated score of

Online Assignments 23.25/25 Programming Exam 25/25

86

Proctored Exam 38/50

Total number of candidates certified in this course: 3876

Jul-Oct 2019

(12 week course)

A. GOSHAM

Prof. Adrijit Goswami Dean. Continuing Education & NPTEL Coordinator IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL19CS84S41140334

To validate and check scores: https://nptel.ac.in/noc

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(Funded by the MoE, Govt. of India)

This certificate is awarded to

ANKITHA R

for successfully completing the course

Cloud Computing

with a consolidated score of

54

%

Online Assignments | 22.25/25 | Proctored Exam

32.15/75

Total number of candidates certified in this course: 11454

Jan-Apr 2023

(12 week course)

VIVEKANANDA INSTITUTE OF TECHNOLOGY Bandalore - 560 074

Prof. Debjani Chakraborty

Coordinator, NPTEL IIT Kharagpur



Indian Institute of Technology Kharagpur





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INSTITUTE INNOVATION COUNCIL

Report on HACKATHON

Organized by Department of Computer Science and Engineering

Date: 11th and 12th March 2020

Venue: Seminar Hall, CSE Lab-009

Total no. of Participants: 36 Teams (136)

Chief Coordinator: Dr. Vidya A

Professor & HOD Dept. of CSE, VKIT, Bengaluru

And ARIIA Coordinator, IIC

Coordinators:

S. Suresh Kumar, Assistant Professor, Dept. of CSE Dinesh S D, Assistant Professor, Dept. of CSE

InAssociation with: SOOKSHMAS, Bengaluru

SOOKSHMAS VIVEKANANDA INSTITUTE OF TECHNOLOGY **SUBLIAGEDIA BROWNERFING** **SOOKSHMAS PRESENTS** **PARTMENT OF COMPUTER #CTINACE AND ENGINEERING** **SOOKSHMAS PRESENTS** **PARTMENT, 2020 - 12* March, 2020 **> Activities ** **Trch. Aprilude** **Problem Statement** **SOOKSHMAS PRESENTS** **PARTMENT, 2020 - 12* March, 2020 **> Activities ** **Trch. Aprilude** **Problem Statement** **SOOKSHMAS PRESENTS** **PARTMENT** **PRESENTS** **Trch. Aprilude** **Problem Statement** **SOOKSHMAS PRESENTS** **Trch. Aprilude** **Problem Statement** **SOOKSHMAS PRESENTS** **Trch. Aprilude** **Problem Statement** **SOOKSHMAS **PRESENTS** **Trch. Aprilude** **Problem Statement** **SOOKSHMAS PRESENTS** **Trch. Aprilude** **Problem Statement** **SOOKSHMAS PRESENTS** **Trch. Aprilude** **Problem Statement** **SOOKSHMAS PRESENTS** **Trch. Aprilude** **Trch. Aprilude** **Problem Statement** **SOOKSHMAS PRESENTS** **Trch. Aprilude** **Problem Statement** **SOOKSHMAS PRESENTS** **Trch. Aprilude** **Problem Statement** **SOOKSHMAS PRESENTS** **Trch. Aprilude** **Trch. Aprilude** **Problem Statement** **SOOKSHMAS PRESENTS** **Trch. Aprilude** **Trch. Apri

Inaugural Session

Prof. Dr. D V Chandrasekhar, Vice- Principal, VKIT, Bangalore, Dr. Vidya A, Professor and Head Dept. of CSE, VKIT, Bangalore, Mr. Kamlesh, CEO SOOKSHMAS, Bengaluru, Ripika, Director, SOOKSHMAS, Bengaluru and team members of SOOKSHMAS, Bengaluru Mr. Karthik, Mr. Vivek, Ms. Divya and Ms. Sindhu inaugurated the event by lighting the lamp with the presence of faculty members and students.

Mrs. Nibeditha P, Asst Prof., Dept. of CSE welcomed all the participants from various colleges, faculty members and SOOKSHMA's teamand introduced the SOOKSHMAS team. Dr. Vidya A, Professor & Head, Dept. of CSE, VKIT, Bengaluru has briefed about HACKATHON event its rules and regulations. We have received the participants from different universities and colleges affiliated to VTU, Belagavi. Mrs. Sunanda H G, Asst Prof, Dept. of CSE, VKIT, has delivered vote of thanks.

ParticipantColleges: Dr.AIT, Bengaluru, BIT, Bengaluru, JVIT, Bengaluru, JAIN University, RRCE, Bengaluru, BGSIT, Mandya, Dayananda Sagar College of Engineering, Bengaluru, SJBIT, Bengaluru and VKIT, Bengaluru.







Day 1 Activities: 11-03-2020

Round 1: Technical Aptitude - Marks: 60

Online Aptitude test through SOOKSHMAS Company Portal

Timings: 11:30 AM to 12:20 PM; Lunch Break: 12:30 PM to 1.30 PM

Round 2: Problem Statement (Offline Test)

Round 2 consists of two rounds

1. Program Debugging without using Systems Application.- Marks: 30

Timings: 2:00 PM to 3:30 PM

2. Program Debugging using System Application - Marks: 30

Timings: 3:30 PM to 5:00 PM

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At the end of day 1 i.e on 11th March 2020, based on Participants performance in both the rounds i.e Round 1 and 2, the team members of SOOKSHMAS Company have Shortlisted 13 Teams out of 36 Teams for the Final Round which is held on 12th March 2020.

Day 2 Activities: 12-03-2020

Round 3: Web Application Development - Marks: 48

In this round, Participants are allowed to use Systems, Mobile and internet facilities.

Round 3 consists of two sessions

Session 1: 9.30 AM to 12.30 PM

Lunch Break: 12.30 PM to 1.30 PM

Session 2: 1.30 PM to 4.00 PM

Based on the performance of participants, the team members of SOOKSHMAS Company selected 3 teams out of 13 teams and announced them as winners.

The event was concluded with Valedictory Ceremony on 12th March 2020 with the presence of Dr. D V Chandrasekhar, Vice- Principal, VKIT, Bangalore, Dr. Vidya A, Professor and Head Dept. of CSE, VKIT, Bangalore, Mr. Kamlesh, CEO SOOKSHMAS, Bengaluru, Ripika, Director, SOOKSHMAS, Bengaluru and team members of SOOKSHMAS, Bengaluru.

Mr. Kamlesh, CEO SOOKSHMAS, Bengaluru announced winners of HACKATHON 2020

- 1. Shravya, Sneha and VidyashreeBIT, Bengaluru
- 2. Shamanth V Kumar, Shashank, Swathi and VrathikaVKIT, Bengaluru
- 3. Prajwal P, Pratik, Priyadarshini and Rahulkumar, BIT, Bengaluru

Winners of the HACKATHON 2020 gave the feedback about the event and the participants felt that, in future more number of HACKATHON event to be arranged. On behalf of Janatha Education Society, Bengaluru, VKIT, Bengaluru honored SOOKSHMAS Team Members with memento as a token of gratitude.













1st Place winner BIT, Bangalore

2nd Place winner, VKIT, Bangalore



3rd Place winner BIT, Bangalore

ARIIA Co-ordinator 05 |06| 2020

Dr. Vidya A

IQAC-Head

Dr. D V Chandrashekar

Convener 05/06/2020

Prof. R Chandramma

Head of the Institute

Dr. Kumar Kenchegowda

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ANNUAL INTER-COLLEGIATE TECHNICAL FEST

Where Science Meets Imagination...

27th April 2019



CSE/ISE

- **Code Debugging**
- **Code Switching**

Coordinator- Mrs. Nibeditha

ECE

- Circuit Debugging
- Logic Designing

Coordinator- Mrs. H P Leelavathi

Svents

Common to ALL

Tech Quiz JAM

Coordinator- Mrs. Jalaja

Max. 2 in a Team except JAM

CE

- **Auto CAD Drafting**
- **Quick Surveying**

Coordinator- Mr. Harish

ME

- CAMD
- CAE

Coordinator- Mr. Shrinivas Murth



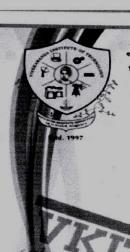
Dr. Shaila K - 9480451465, Mr. Ravindranath R C - 9591599002 &

Mrs. H P Leelavathi - 8884086686

Bangalore - 560 074

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"The greatest sin is to think yourself weak"

ANNUAL INTER-COLLEGIATE TECHNICAL FEST

2019 Where Science Meets Imagination...

27th April 2019 Certificate

This is	to Certify that Mr./Ms of
	has secured place and awarded
with a	cash prize of in event
held d	ng Annual Inter-Collegiate Technical Fest "ScImagination".

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RCR

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2019 Where Science Meets Imagination...

27th April 2019 Certificate of Appreciation

This is to	Certify that Mr./Ms./Prof
of	has played a role of Chief Coordinator / Coordinator
during A	nual Inter-Collegiate Technical Fest "ScImagination".

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Ph: 080-28437696/28437036, Fax: 080-28437944 email: vkitprincipal@gmail.com

website:www.vitb.ac.in



Cultural Committee



Date: 06/05/2019

ORGANIZING COMMITTEE

Chief Patron:

Sri. H C Balakrishna

President, JES, Bengaluru

"atron:

Sri. K Puttaswamy

Vice-President, JES, Bengaluru

Sri. C N Manche Gowda

Secretary, JES, Bengaluru

Sri. I Narayana Reddy

Joint Secretary, JES, Bengaluru

Sri. N Nagaraj

Treasurer, JES, Bengaluru

Sri. B P Muniraju

Internal Auditor, JES, Bengaluru

Sri. K P Muthaiah

Director-Incharge-VKIT Campus Bengaluru

Rector:

Dr. D V Chandrashekar

I/C Principal. VKIT, Bengaluru

Chair Person:

Dr. Shaila K

Head, Cultural Committee,

Prof. & HOD-ECE

Members

Mrs. Leelavathi HP

Assoc. Prof., ECE

Mr. B Srinivas Murthy

Assoc. Prof., ME

Mrs. Jalaja T S

Asst. Prof., Maths

Mrs. Nibeditha P

Asst. Prof., CSE

Mr. Ravindranath R C

Asst. Prof., ISE

Mr. Harish T S

Asst. Prof., CE

Randensell 2024

Ref. No. /VKIT/CultComm/40/2018-19

ANNUAL INTER-COLLEGIATE TECHNICAL FEST

Scangination Where Science Meets Imagination.

Winner and Runners List

Event Name		Name Name			
Technical	Winners	Praveen and Rheeshab from Page CSE			
Quiz	Runners	Sehan and Roshan from			
Circuit	Winners	Gunashree K S and Pushpalatha N from			
Debugging Electronics and Communication Engineering					
	Runners	Manoj G and Jeevan C N from Electronics and Communication Engineering.			
Logic Designing	Winners	Sonal V Kulkarni and Meghana S from Electronics and Communication Engineering.			
	Runners	Kalyan Kumar S and Sanjay C from Electronics and Communication Engineering.			
Code	Winners	Prayeen and Rishab Kumar Singh from			
Debugging	V-	Computer Science and Engineering			
	Runners	Pavan M and Murali M from Computer Science and Engineering.			
Code	Winners	Sumanth and Sanjay from Information Science			
Switching	Runners	Praveen and Rishab Kumar Singh from			
2 1		Computer Science and Engineering			
Quick	Winners	Harsha C R and Naveen B S from Civil			
Surveying		Engineering			
2	Runners	Ruchitha N and Seema K S from Civil			
		Engineering			
AutoCad	Winners	Prashanth M from Civil Engineering			
Drafting	Runners	Vikas H from Civil Engineering			
CAMD	Winners	Pradeep K P and Tejas B K from Mechanical			
	-	Engineering			
CAE	Winners	Karthik C and Basavaraja R from Mechanical			
		Engineering			
, 1	Runners	Apoorv Singh and Kavan M S from Mechanical Engineering			
600	51				

Cultural Committee Head and Scimagination Co-ordinator

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ANNUAL INTER-COLLEGIATE TECHNICAL FEST

Scamagination Where Science Meets Imagination.

Event Name: IT_QUIZ

Date: 27/04/2019

Round 3 - Rapid Fire

Team No 1:

1. What is expansion of ENIAC?

Ans. Electronic Numerical Integrator and calculator

2. Name the scientist who proposed the proportionality of stress and strain for small deformations that is valid for most materials?
Ans. Robert Hooke

3. Speak to tweet is the service provided by which internet giant? Ans. Google

4. Who is the current director of ISRO?
Ans. K Sivan

5. Who is known as the human computer of India?
Ans. Shakuntala Devi.

Team No 2:

- 1. Name the first person to be rumored to shoot a motion picture sequence?

 Ans. Louis le Prince
- 2. Full Form of DVD-ROM

 Ans. Digital Versatile Disc Read only Memory
- 3. Between which cities is India's first Bullet train (high speed Rail Line) proposed to be constructed.

Ans. Mumbai to Ahmedabad starting construction in 2018 and operational by 2022.

4. Name the the first person to become the Chairman of the Atomic Energy Commission of India.

Ans. Homi Jehangir Bhabha

5. Whose birthday does the state of Tamil Nadu recognize as "State IT day" on December 22?

Ans. S Ramanujan

its (Bullet Lain (high to

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Team No 3:

- 1. Expand RAID

 Ans. Redundant Array of Independent Disks
- 2. What is the relation between Craig Silverstain and Google?

 Ans. He is the first employee of Google
- 3. Xoom is the tablet computer introduced by which company?

 Ans. Motorola
- 4. Who is the author of the book "Ignited Minds"?
 Ans. APJ Abdul Kalam
- 5. Which was the first web browser to be created
 Ans. World Wide Web

Team No 4:

- 1. Which is the tablet computer introduced by Amazon? Ans. Amazon kindle fire
- 2. Expand SAMEER

 Ans. Society for applied microwave electronics engineering and research
- 3. Expand JVM
 Ans. JAVA Virtual Machine
- 4. Bill Gates wrote his first program for which paper and pencil game popular among students?

 Ans. Tic Tac Toe
- 5. Who has been recently appointed as the MD of Twitter India? Ans. Manish Maheshwari

Tie Breaking Questions:

- 1. What is SIRI?

 Ans. Voice commanding system in Apple i phone 4s
- Who is known as the father of computers?
 Ans. Charles Babbage
- 3. What is F8 related to Facebook?
 Ans. Annual developer's conference
- 4. What is IMPS banking system?

 Ans. Inter banking mobile payment system
- 5. World computer literacy day is celebrated on Ans. December 2
- What is ice cream sandwich?
 Ans. Android OS 4.0
- What organization is the parent company of Google
 Ans. Alphabet Inc.
- 8. In Trivandrum Techno Park what is TBIC?
 Ans. Techno park business incubation center
- 9. Expand CATFOSS

 Ans. Centre for advanced training in free and open source software
- 10. What is Opera mini?

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Schmagination

	4.4			
Event	Name:	lechn	neal	Ouiz

Date: 27/04/2019

EAC	ant value, reculical Quie
	Selection Round
1.	The use of the Internet or other electronic means to stalk or harass an individual, a group of individuals, or an organization is termed: a. Cyberspace Cyber stalking c. Pornography d. None of these
	Which of the following is a cybercrime? a. Hacking b. Worm attack c. Virus attack d. All of these
4.	A program that has capability to infect other programs and make copies of itself and spread into other programs is called: a. Worm W. Virus c. Trojan d. None of these
5.	A type of cybercrime that occurs in pay per click online advertising when a person, automated script or computer program imitates a legitimate user of a web browser clicking on an ad, for the purpose of generating a charge per click without having actual interest in the target of the ad's link, a. Phishing b. Zombie & Click fraud d. None of these
6.	In cyber law terminology 'DoS' means: Denial of Service b. Disc operating System c. Distant operator Service d. None of these
7.	The Indian Parliament passed the Information Technology Bill, which is regarded as the mother legislation regulating the use of computers, computer systems and computer networks as also data and information in the electronic format, in the year a 2000 b. 2001 c. 2002 d. 2003
8.	The seat of the Asian School of Cyber Laws: a. New Delhi
9.	Which of the following is an example of 'denial of service attack'? a. Attempts to "flood" a network, thereby preventing legitimate network traffic b. Attempts to disrupt connections between two machines, thereby preventing access to a service c. Attempts to prevent a particular individual from accessing a service & All of these

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virus or T	a computer connection of a con	be used to perfe	orm malic	ious tasks of o	one sort of anothe	er under remote
direction a. Serve		bie c. Syml	hian (d. None of the	se	
a. Cybe these	e of the following r Terrorism	b. IPR violation	ns	c. Credit and I	Frauds	At. All of
A. Emai	efers to sending em I spamming	b. Email bomb	ing	c. Trojan attac	k d. No	ne of these
the large	g to a report on cri	mes in Indi <mark>a in 2</mark> crimes were reg r Pradesh	istered in c. Karna		National Crime R	
a. Mahi 14. By hacki a. Spoo	ng web server taki	ng control on an		son's website		
15. Program	s that multiply like			computer to co	omputer are calle	ed as:
masquer	ms mpt to acquire in ading as a trustwork mming	formation such	as userna	ames, passwo	rds, and credit	
	gency made the in	vestigation relate b. Chennai Pol		e's First Cybe CP	r Crime Convict 31 - d. Kerala Pol	ion? ice
	ne of the following	g is an example of b. Email spam	of E-mail ming	and Internet R	telay Chat (IRC) bing 	related crimes?
19. Wh a. 0.007 μ/	en converting 7.00 A b. 0.7 μA		mperes, th			
20. In that a. first qua	ne complex plane, drant b. second	the number 14 – ond quadrant	• j5 is loca	ted in the c. third quad	rant -d. Fo	ourth quadrant
21. The a) Henry	unit for permeabil b) Henry-m	ity of free space Henry/m		ry/m2		
22. Res	istivity of a wire d	epends on c. cross sectio	on area	d. none of th	e above.	a.
23. Ampere a power	e second could be to b. conductance		e char	ge.		
24. Which of a. joule/sec	of the following is amperes/vo		watt'/ peres x vo	olts d. (a	imperes)2 x ohn	n.
			o in warmall			
	t contains two un- s same in both	b. large curre			or	
	difference across			ller resistance	has smaller con	ductance.
			0	waden a	11/2024	

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26. A circuit breaker is b. a device to neutralize the effect of transients a: a power factor correcting device d. a current interrupting device. c. a waveform correcting device 27. SF6 gas is c. sulphur hexafluorine t sulphur hexafluoride. a. sulphur fluorid b. sulphur difluoride 28. Which of the following logical operations is represented by the + sign in Boolean algebra? d. complementation S-OR b. AND a. inversion 29. A 2-input NOR gate is equivalent to a d. none of the above 30. Which of the following are the three basic sections of a microprocessor unit? a. operand, register, and arithmetic/logic unit (ALU) b. control and timing, register, and arithmetic/logic unit (ALU) c. control and timing, register, and memory

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d. arithmetic/logic unit (Al.U), memory, and input output

ANNUAL INTER-COLLEGIATE TECHNICAL FEST

Scamagination Where Science Meets Imagination

E	vent Name: Technical Quiz Date: 27/04/2019
/	Selection Round
1.	The use of the Internet or other electronic means to stalk or harass an individual, a group of individuals, or an organization is termed:
	a. Cyberspace b. Cyber stalking c. Pornography d. None of these
12.	Which of the following is a cybercrime?
	a. Hacking b. Worm attack c. Virus attack d. All of these
18.	Refers to email that appears to be originated from one source when it was actually sent from another source.
	a. Email bombing c. Email spamming d. None of these
1	A program that has capability to infect other programs and make copies of itself and spread into other programs is called:
	a. Worm b. Virus c. Trojan d. None of these
S.	A type of cybercrime that occurs in pay per click online advertising when a person, automated script or computer program imitates a legitimate user of a web browser clicking on an ad, for the purpose of generating a charge per click without having actual interest in the target of the ad's link. a. Phishing b. Zombie. Click fraud d. None of these
76.	In cyber law terminology 'DoS' means:
	a. Denial of Service b. Disc operating System
~	c. Distant operator Service d. None of these
ل ^{7.}	The Indian Parliament passed the Information Technology Bill, which is regarded as the mother legislation regulating the use of computers, computer systems and computer networks as also data and information in the electronic format, in the year: a. 2000
1 8.	The seat of the Asian School of Cyber Laws:
	a. New Delhi b. Pune c. Chennai d. Hyderabad
9.	Which of the following is an example of 'denial of service attack'?
	a. Attempts to "flood" a network, thereby preventing legitimate network traffic

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c. Attempts to disrupt connections between two machines, merely preventing access to disrupt connected to the internet that has been compromised by a hacker, computer vir or Trojan horse and can be used to perform malicious tasks of one sort of another under remodirection? a. Server b. Zombie c. Symbian d. None of these	rus
a. Cyber Terrorism b. IPR violations c. Credit and Frauds	e
12 Refers to sending email to thousands and thousands of users-similar to a chain letter. Email spamming b. Email bombing c. Trojan attack d. None of these	
13. According to a report on crimes in India in 2011, published by the National Crime Records Bure the largest number of cybercrimes were registered in: a. Maharashtra b. Uttar Pradesh c. Karnataka d. Andra Pradesh	au,
By hacking web server taking control on another person's website called as web a. Spoofing b. Hijacking c. Spamming d. None of these	
15. Programs that multiply like viruses but spread from computer to computer are called as: a. Worms' b. Virus C. Boot d. None of these	
The attempt to acquire information such as usernames, passwords, and credit card details masquerading as a trustworthy entity in an electronic communication is termed: a. Spamming Phishing c. Spoofing d. None of these	by
17. Which agency made the investigation related to India's First Cyber Crime Conviction? Mumbai Police b. Chennai Police c. CBI d. Kerala Police 18. Which one of the following is an example of E-mail and Internet Relay Chat (IRC) related crimes? a Email spoofing b. Email spamming c. Email bombing d. All of these 19. When converting 7,000 nA to microamperes, the result is a. 0.007 μA b. 0.7 μA c. 700 μA d. 7 μA 20. In the complex plane, the number 14 – j5 is located in the a. first quadrant b. second quadrant c. third quadrant d. Fourth quadrant 21. The unit for permeability of free space is?	
a) Henry b) Henry-m d) Henry/m d) Henry/m2 22. Resistivity of a wire depends on a length b. material c. cross section area d. none of the above. 23. Ampere second could be the unit of a. power b. conductance c. energy d. charge.	
24. Which of the following is not the same as watt? a. joule/sec b. amperes/volt c. amperes x volts d. (amperes)2 x ohm. Principal Principal NSTITUTE OF TECHNOLOGY WENANANDA INSTITUTE OF TECHNOLOGY Bandalore - 560 074	

25. A circuit contains two un-equal resistances in parallel
a. current is same in both b. large current flows in larger resistor
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26. A circuit breaker is
26. A circuit breaker is a. a power factor correcting device b. a device to neutralize the effect of transients
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N A 27 SE6 con in
27. SFO gas is
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28. Which of the following logical operations is represented by the + sign in Boolean algebra? a. inversion b. AND c. OR d. complementation
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. 30 Which of the following are the three basic sections of a microprocessor unit?
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Principal

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ANNUAL INTER-COLLEGIATE TECHNICAL FEST

Event	Name:	Technical	Quiz

Date: 27/04/2019

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		Se	lection b	Couna			
71.	The use of the Internet individuals, or an organization		onic mea	ns to stalk	or harass an	individual, a gr	oup of
	a Cyberspace b. Cyb		c. Por	nography	d. None	of these	
\angle^{2}	Which of the following is	a cybercrime?					
	a. Hacking	orm attack		is attack	d. All of		
\checkmark ^{3.}	Refers to email the another source.	at appears to be	originate	d from one s	source when i	was actually se	nt from
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- A program that has capability to infect other programs and make copies of itself and spread into other programs is called:
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 - Denial of Service
- b. Disc operating System
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- 7. The Indian Parliament passed the Information Technology Bill, which is regarded as the mother legislation regulating the use of computers, computer systems and computer networks as also data and information in the electronic format, in the year:
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Which of the following is an example of 'denial of service attack'?

Attempts to "flood" a network, thereby preventing legitimate network traffic

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γ α. 0.00 γ μλ 0.0.7 μλ 0.700 μλ
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7 4. This quadrant W. second quadrant
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ANNUAL INTER-COLLEGIATE TECHNICAL FEST

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Exc	ent Name: Technical Quiz Date: 27/04/2019
EVE	Selection Round
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2.	Which of the following is a cybercrime? a. Hacking Worm attack c. Virus attack d. All of these
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4.	A program that has capability to infect other programs and make copies of itself and spread into other programs is called:
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	Qued of 1/2024

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b. Attempts to disrupt connections between two machines, thereby preventing access to a service
c. Attempts to prevent a particular individual from accessing a service d. All of these
or Trojan horse and can be used to perform malicious tasks of one sort of another under remote direction?
a. Server & Zombie c. Symbian d. None of these
11. Which one of the following is not an example of 'using computer as a weapon'? a. Cyber Terrorism . IPR violations c. Credit and Frauds d. All of these
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13. According to a report on crimes in India in 2011, published by the National Crime Records Bureau, the largest number of cybercrimes were registered in: a. Maharashtra b. Uttar Pradesh c. Karnataka d. Andra Pradesh
A. By hacking web server taking control on another person's website called as web a. Spoofing b. Hijacking c. Spamming d. None of these
15. Programs that multiply like viruses but spread from computer to computer are called as: a. Worms' b. Virus c. Boot d. None of these
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20. In the complex plane, the number 14 – j5 is located in the a. first quadrant b. second quadrant c. third quadrant d. Fourth quadrant
21. The unit for permeability of free space is? a) Henry b) Henry-m c) Henry/m d) Henry/m2
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22. Resistivity of a wire depends on
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23. Ampere second could be the unit of a. power d. conductance c. energy d. charge.
a. power A. conductance c. energy d. charge.
24. Which of the following is not the same as watt?
a. joule/sec b. amperes/volt ————————————————————————————————————
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Bandalore - 580 077

25. A circuit contains two un-equal resistances in parallel
a. current is same in both b. large current flows in larger resistor
c. potential difference across each is same d. smaller resistance has smaller conductance.
26. A circuit breaker is
a. a power factor correcting device b. a device to neutralize the effect of transients
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선생님 그 그리는 그 그리는 이 얼마를 가는 것이 되었다.
27. SF6 gas is
27. SF6 gas is a. sulphur fluorid b. sulphur difluoride c. sulphur hexafluorine d. sulphur hexafluoride.
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X 20 A 2 input NOP gata is aquivalent to a
29. A 2-input NOR gate is equivalent to a a. negative-OR gate b. negative-AND gate c. negative-NAND gate d. none of the above
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a. operand, register, and arithmetic/logic unit (ALU)
b. control and timing, register, and arithmetic/logic unit (ALU)
c. control and timing, register, and memory
d. arithmetic/logic unit (ALU), memory, and input/output
a. artimicus rogic unit (ADO), memory, and inpuroutput

Eve	ent Name: Technical Quiz Date: 27/04/2019
	Selection Round
1.	The use of the Internet or other electronic means to stalk or harass an individual, a group of individuals, or an organization is termed: a. Cyberspace b. Cyber stalking c. Pornography d. None of these
×2.	Which of the following is a cybercrime? Hacking b. Worm attack c. Virus attack d. All of these
×3.	Refers to email that appears to be originated from one source when it was actually sent from another source.
	a. Email bombing b. Email spoofing c. Email spamming d. None of these
×4.	A program that has capability to infect other programs and make copies of itself and spread into other programs is called: a. Worm b. Virus d. None of these
×.	A type of cybercrime that occurs in pay per click online advertising when a person, automated script or computer program imitates a legitimate user of a web browser clicking on an ad, for the purpose of generating a charge per click without having actual interest in the target of the ad's link. Phishing b. Zombie c. Click fraud d. None of these
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377.0	The seat of the Asian School of Cyber Laws: A. New Delhi b. Pune c. Chennai d. Hyderabad
-9-	Which of the following is an example of 'denial of service attack'? a. Attempts to "flood" a network, thereby preventing legitimate network traffic
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Principal

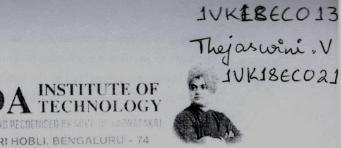
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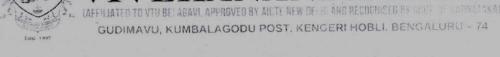
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b. Attempts to disrupt connections between two machines, thereby preventing access to a service c. Attempts to prevent a particular individual from accessing a service. All of these 10 Is a computer connected to the internet that has been compromised by a hacker, computer virus or Trojan horse and can be used to perform malicious tasks of one sort of another under remote direction? a. Server b. Zombie Symbian d. None of these
11. Which one of the following is not an example of 'using computer as a weapon'? a. Cyber Terrorism b. IPR violations c. Credit and Frauds d. All of these
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21. The unit for permeability of free space is? a) Henry b) Henry-m c) Henry/m d) Henry/m2
22. Resistivity of a wire depends on a. length b. material c. cross section area d. none of the above.
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c. control and timing, register, and memory	
d arithmetic/logic unit (ALU), memory, and input/output	
	*

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Eve	ent Name: Technical Quiz Date: 27/04/2019
	Selection Round
V.	The use of the Internet or other electronic means to stalk or harass an individual, a group of individuals, or an organization is termed: a. Cyberspace Cyber stalking c. Pornography d. None of these
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V	Which of the following is an example of 'denial of service attack'? a. Attempts to "flood" a network, thereby preventing legitimate network traffic

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b. Attempts to disrupt connections between two machines, thereby preventing access to a service
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7000 X10-9 X10-3 Kowa Principal Principal
7 X 10-3 X 10-9 X 10-3 WEKANANDA INSTITUTE Bandalore - 560 074

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Principal

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When converting 7,000 nA to microamperes, the result is $0.007 \mu\text{A}$ b. $0.7 \mu\text{A}$ c. $700 \mu\text{A}$ d. $7 \mu\text{A}$
20. In the complex plane, the number 14 – j5 is located in the a. first quadrant c. third quadrant d. Fourth quadrant
21. The unit for permeability of free space is? a) Henry b) Henry-m c) Henry/m d) Henry/m2
Resistivity of a wire depends on a. length b. material c. cross section area d. none of the above.
23. Ampere second could be the unit of a. power b. conductance c. energy d. charge.
24. Which of the following is not the same as watt? a. joule/sec b. amperes/volt c. amperes x volts d. (amperes)2 x ohm.
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25. A circuit contains two un-equal resistances in parallel a. current is same in both b. large current flows in larger resistor	
a. current is same in both b. large current flows in larger resistor potential difference across each is same d. smaller resistance has smaller conductance.	
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₹ 27. SF6 gas is	
a. sulphur fluorid b. sulphur difluoride c. sulphur hexafluorine d. sulphur hexafluoride.	
28. Which of the following logical operations is represented by the + sign in Boolean algebra? a. inversion b. AND c. OR d. complementation	
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30. Which of the following are the three basic sections of a microprocessor unit? Description of the following are the three basic sections of a microprocessor unit? Description of the following are the three basic sections of a microprocessor unit? Description of the following are the three basic sections of a microprocessor unit? Description of the following are the three basic sections of a microprocessor unit? Description of the following are the three basic sections of a microprocessor unit? Description of the following are the three basic sections of a microprocessor unit? Description of the following are the three basic sections of a microprocessor unit? Description of the following are the three basic sections of a microprocessor unit?	イヤー
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	Date: 27/04/2019
Even	it Hame. Teenmeat Quiz
iı	Selection Round The use of the Internet or other electronic means to stalk or harass an individual, a group of individuals, or an organization is termed: a. Cyberspace Cyber stalking c. Pornography d. None of these
	Which of the following is a cybercrime? a. Hacking b. Worm attack c. Virus attack d. Virus attack
1. 2.	Refers to email that appears to be originated from one source when it was actually sent from mother source. a. Email bombing Email spoofing c. Email spamming d. None of these
	A program that has capability to infect other programs and make copies of itself and spread into other programs is called: a. Worm b. Virus c. Trojan d. None of these
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٤	In cyber law terminology 'DoS' means: Denial of Service b. Disc operating System c. Distant operator Service d. None of these
	The Indian Parliament passed the Information Technology Bill, which is regarded as the mother legislation regulating the use of computers, computer systems and computer networks as also data and information in the electronic format, in the year: a. 2000 b. 2001 c. 2002 d. 2003
	The seat of the Asian School of Cyber Laws: New Delhi b. Pune c. Chennai d. Hyderabad
v.	Which of the following is an example of 'denial of service attack'?
	a. Attempts to "flood" a network, thereby preventing legitimate network traffic
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c. Attempts to prevent a particular individual from accessing a service defall of these
or Trojan horse and can be used to perform malicious tasks of one sort of another under remote direction?
a. Server b. Zombie Symbian d. None of these
Which one of the following is not an example of 'using computer as a weapon'? a. Cyber Terrorism b. IPR violations c. Credit and Frauds
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By hacking web server taking control on another person's website called as web a. Spoofing b. Hijacking c. Spamming d. None of these
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In the complex plane, the number 14 – j5 is located in the first quadrant b. second quadrant c. third quadrant d. Fourth quadrant
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Resistivity of a wire depends on a. length b material c. cross section area d. none of the above.
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. A circuit contains two un-equal resistances in parallel
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a. operand, register, and arithmetic/logic unit (ALU)
b. control and timing, register, and arithmetic/logic unit (ALU)
c. control and timing, register, and memory
darithmetic/logic unit (ALU), memory, and input/output



Ev	ent Name: Technical Quiz Date: 27/04/2019
	Selection Round
X1.	The use of the Internet or other electronic means to stalk or harass an individual, a group of individuals, or an organization is termed: a. Cyberspace b. Cyber stalking c. Pornography None of these
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<u>~3.</u>	Refers to email that appears to be originated from one source when it was actually sent from another source.
	a. Email bombing d. Email spoofing c. Email spamming d. None of these
X ^{4.}	A program that has capability to infect other programs and make copies of itself and spread into other programs is called: a. Worm b. Virus c. Trojan d. None of these
× 5.	A type of cybercrime that occurs in pay per click online advertising when a person, automated script or computer program imitates a legitimate user of a web browser clicking on an ad, for the purpose of generating a charge per click without having actual interest in the target of the ad's link. a Phishing b. Zombie c. Click fraud d. None of these
× 6.	In cyber law terminology 'DoS' means: a. Denial of Service b. Disc operating System c. Distant operator Service d. None of these
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X 8.	The seat of the Asian School of Cyber Laws: a. New Delhi b. Pune chennai d. Hyderabad
15.	Which of the following is an example of 'denial of service attack'? a. Attempts to "flood" a network, thereby preventing legitimate network traffic
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 b. Attempts to disrupt connections between two machines, thereby preventing access to a service c. Attempts to prevent a particular individual from accessing a service d. All of these
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direction? a. Server Zombie c. Symbian d. None of these
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16. The attempt to acquire information such as usernames, passwords, and credit card details by masquerading as a trustworthy entity in an electronic communication is termed: Spamming b. Phishing c. Spoofing d. None of these
a. Mumbai Police b. Chennai Police c. CBI d. Kerala Police
18. Which one of the following is an example of E-mail and Internet Relay Chat (IRC) related crimes? a. Email spoofing b. Email spamming c. Email bombing d. All of these
19. When converting 7,000 nA to microamperes, the result is a. 0.007 μA b. 0.7 μA c. 700 μA $\frac{1}{2}$ 7 μA
20. In the complex plane, the number 14 – j5 is located in the a. first quadrant b. second quadrant c. third quadrant d. Fourth quadrant
21. The unit for permeability of free space is? a) Henry b) Henry-m c/Henry/m d) Henry/m2
22. Resistivity of a wire depends on a. length b. material cross section area d. none of the above.
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24. Which of the following is not the same as watt? a. joule/sec b. amperes/volt c. amperes x volts d. (amperes)2 x ohm.
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c. control and timing, register, and memory d. arithmetic/logic unit (ALU), memory, and input/output
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Eve	ent Name: Technical Quiz Date: 27/04/2019
	Selection Round
1.	The use of the Internet or other electronic means to stalk or harass an individual, a group of individuals, or an organization is termed: a. Cyberspace b. Cyber stalking c. Pornography d. None of these
X ^{2.}	Which of the following is a cybercrime? A. Hacking b. Worm attack c. Virus attack d. All of these
× 3.	Refers to email that appears to be originated from one source when it was actually sent from another source.
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1 4.	A program that has capability to infect other programs and make copies of itself and spread into other programs is called: a. Worm c. Trojan d. None of these
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*	In cyber law terminology 'DoS' means: a. Denial of Service
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人8.	The seat of the Asian School of Cyber Laws: a. New Delhi b. Pune Chennai d. Hyderabad
2.	Which of the following is an example of 'denial of service attack'? a. Attempts to "flood" a network, thereby preventing legitimate network traffic

c. Attempts to disrupt connections between two machines, thereby preventing access to a service c. Attempts to prevent a particular individual from accessing a service d. All of these 10 Is a computer connected to the internet that has been compromised by a hacker, computer of the or Trojan horse and can be used to perform malicious tasks of one sort of another under remaining the control of the control of the computer of the control of the	rirus
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21. The unit for permeability of free space is? a) Henry b) Henry-m d) Henry/m d) Henry/m2 22. Resistivity of a wire depends on a. length b. material c. cross section area d. none of the above.	P= 5
723. Ampere second could be the unit of a. power b. conductance c. energy d. charge.	P= 5
	m.
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	s two un-equal resistances		
	both b. large curren		
potential difference	ce across each is same	d. smaller resistance has	smaller conductance.
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√38 Which of the fall	owing logical operations is	represented by the + sign	in Roolean algebra?
a. inversion	AND c. OR	s represented by the + sign d. complementat	ion
29. A 2-input NOR o	rate is equivalent to a		
negative-OR gate	e b. negative-AND gate	c. negative-NAND gate	d. none of the above
a. operand, register, b. control and timin c. control and timin	and arithmetic/logic unit (g, register, and arithmetic/g, register, and memory unit (ALU), memory, and i	logic unit (ALU)	
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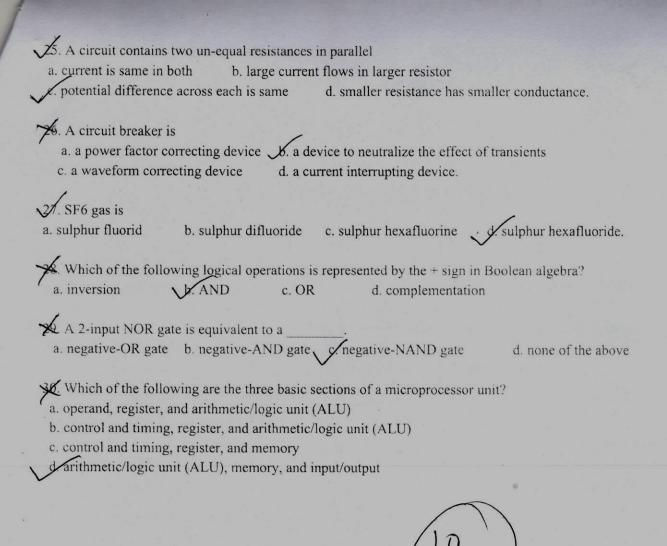
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Eve	ent Name: Technical Quiz Date: 27/04/2019
	Selection Round
V	The use of the Internet or other electronic means to stalk or harass an individual, a group of individuals, or an organization is termed: a. Cyberspace . Cyber stalking c. Pornography d. None of these
×	Which of the following is a cybercrime? Hacking b. Worm attack c. Virus attack d. All of these
X	
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19.	Which of the following is an example of 'denial of service attack'?
	a. Attempts to "flood" a network, thereby preventing legitimate network traffic
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o. Attempts to disrupt connections between the machines, many	
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Which one of the following is not an example of 'using computer as a weapon'? a. Cyber Terrorism b/IPR violations c. Credit and Frauds d. All of the computer as a weapon'?	hese
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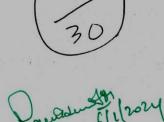


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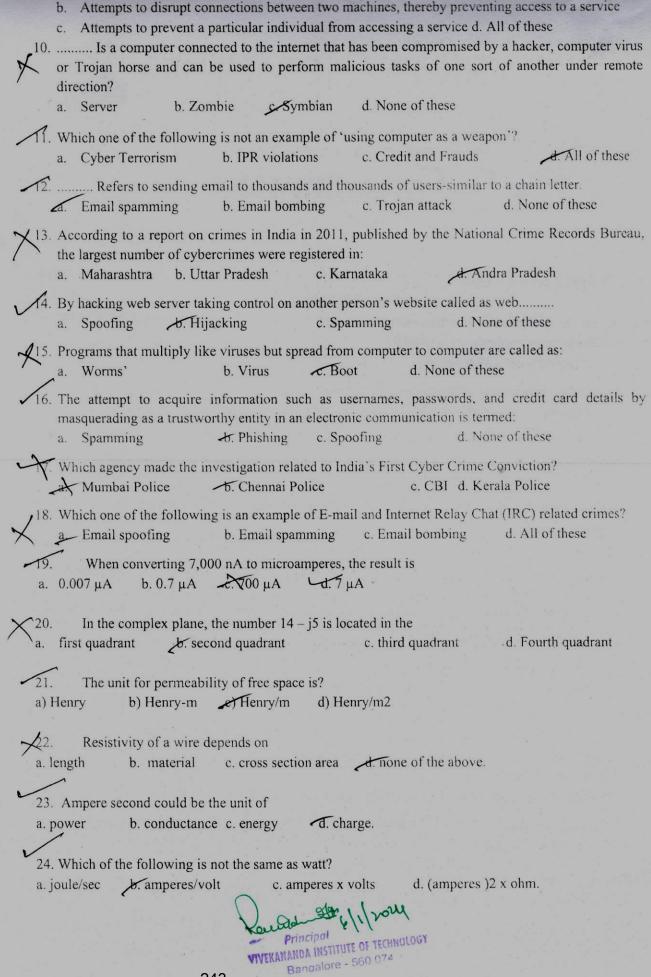
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c. control and timing, register, and memory
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Ev	Event Name: Technical Quiz		Date: 27/04/2019
	Selection Round		
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7 0.	A type of cybercrime that occurs in pay per click online adve or computer program imitates a legitimate user of a web brow generating a charge per click without having actual interest in b. Zombiec. Click fraud d. None of these	ser clicking	on an ad, for the purpose of
x 6.	6. In cyber law terminology 'DoS' means:		
	a. Denial of Service b. Disc operating System		
	Distant operator Service d. None of these		
/ 9.	7. The Indian Parliament passed the Information Technology legislation regulating the use of computers, computer systems information in the electronic format, in the year: a. 2000 b. 2001 2002 d. 2003	Bill, which and comput	is regarded as the mother ter networks as also data and
\ 8.	8. The seat of the Asian School of Cyber Laws:		
	a. New Delhi b. Pune c. Chennai d. Hyder	abad	
V9.	19. Which of the following is an example of 'denial of service att	ack'?	
/	Attempts to "flood" a network, thereby preventing legiting	nate network	traffic
	Ques	and 61	ulrory
	242 P VIVEKANA	rincipal INDA INSTITUTE	OF TECHNOLOGY

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25. A circuit contains two un-equal resistances in parallel a. current is same in both b. large current flows in larger resistor c. potential difference across each is same d. smaller resistance has smaller conductance. 26. A circuit breaker is a. a power factor correcting device b. a device to neutralize the effect of transients c. a waveform correcting device d. a current interrupting device. 1 . 27. SF6 gas is a. sulphur fluorid c. sulphur hexafluorine b. sulphur difluoride d. sulphur hexafluoride. 28. Which of the following logical operations is represented by the + sign in Boolean algebra? a. inversion b. AND e. OR d. complementation 29. A 2-input NOR gate is equivalent to a a. negative-OR gate 6. negative-AND gate c. negative-NAND gate d. none of the above 30. Which of the following are the three basic sections of a microprocessor unit? a. operand, register, and arithmetic/logic unit (ALU) 6. control and timing, register, and arithmetic/logic unit (ALU) c. control and timing, register, and memory

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d. arithmetic/logic unit (ALU), memory, and input/output

Ev	ent Name: Technical Quiz Date: 27/04/2019
	Selection Round
ノ 1.	The use of the Internet or other electronic means to stalk or harass an individual, a group of individuals, or an organization is termed: a. Cyberspace . Cyber stalking c. Pornography d. None of these
· 2.	Which of the following is a cybercrime? a. Hacking b. Worm attack c. Virus attack d. All of these
3 .	Refers to email that appears to be originated from one source when it was actually sent from another source.
	a. Email bombing . Email spoofing c. Email spamming d. None of these
- ^{4.}	A program that has capability to infect other programs and make copies of itself and spread into other programs is called: a. Worm Virus Trojan d. None of these
√ 5.	A type of cybercrime that occurs in pay per click online advertising when a person, automated script or computer program imitates a legitimate user of a web browser clicking on an ad, for the purpose of generating a charge per click without having actual interest in the target of the ad's link. a. Phishing b. Zombie Click fraud d. None of these
6.	In cyber law terminology 'DoS' means: Denial of Service b. Disc operating System c. Distant operator Service d. None of these
<i>(</i> 7.	The Indian Parliament passed the Information Technology Bill, which is regarded as the mother legislation regulating the use of computers, computer systems and computer networks as also data and information in the electronic format, in the year: 2000 b. 2001 c. 2002 d. 2003
_8.	The seat of the Asian School of Cyber Laws: a. New Delhi b. Pune c. Chennai d. Hyderabad
≠ 9.	Which of the following is an example of 'denial of service attack'? a. Attempts to "flood" a network, thereby preventing legitimate network traffic
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Attempts to disrupt connections between two machines, thereby preventing access to a service
c. Attempts to prevent a particular individual from accessing a service d. All of these
or Trojan horse and can be used to perform malicious tasks of one sort of another under remote
direction?
a. Server b. Zombie c. Symbian d. None of these
a. Cyber Terrorism b. IPR violations c. Credit and Frauds d. All of these
Refers to sending email to thousands and thousands of users-similar to a chain letter. Email spamming b. Email bombing c. Trojan attack d. None of these
13. According to a report on crimes in India in 2011, published by the National Crime Records Bureau, the largest number of cybercrimes were registered in: a. Maharashtra b. Uttar Pradesh c. Karnataka A. Andra Pradesh
a. Spoofing b. Hijacking control on another person's website called as web a. Spoofing c. Spamming d. None of these
15. Programs that multiply like viruses but spread from computer to computer are called as: Worms' Virus c. Boot d. None of these
16. The attempt to acquire information such as usernames, passwords, and credit card details by masquerading as a trustworthy entity in an electronic communication is termed: a. Spamming Description: A. None of these
17. Which agency made the investigation related to India's First Cyber Crime Conviction? a. Mumbai Police b. Chennai Police c. CBI d. Kerala Police
18. Which one of the following is an example of E-mail and Internet Relay Chat (IRC) related crimes? a. Email spoofing b. Email spamming c. Email bombing All of these
19. When converting 7,000 nA to microamperes, the result is a. 0.007 μA b. 0.7 μA c. 700 μA d. 7 μA
20. In the complex plane, the number 14 – j5 is located in the a. first quadrant b. second quadrant c. third quadrant d. Fourth quadrant
a) Henry Henry-m (Henry/m d) Henry/m2
22. Resistivity of a wire depends on
a. length . material c. cross section area d. none of the above.
23. Ampere second could be the unit of
a. power b. conductance c. energy d. charge.
24. Which of the following is not the same as watt?
a. joule/sec 2. amperes/volt c. amperes x volts d. (amperes)2 x ohm.
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25. A circuit contains two un-equal resistances in parallel a. current is same in both b. large current flows in larger resistor . potential difference across each is same d. smaller resistance has smaller conductance. 26. A circuit breaker is a. a power factor correcting device b. a device to neutralize the effect of transients c. a waveform correcting device d. a current interrupting device. 27. SF6 gas is d sulphur hexafluoride. a. sulphur fluorid b. sulphur difluoride c. sulphur hexafluorine 28. Which of the following logical operations is represented by the + sign in Boolean algebra? e. OR a. inversion b. AND d. complementation × 29. A 2-input NOR gate is equivalent to a _____. a. negative-OR gate b. negative-AND gate c. negative-NAND gate none of the above 30. Which of the following are the three basic sections of a microprocessor unit? a. operand, register, and arithmetic/logic unit (ALU) 6. control and timing, register, and arithmetic/logic unit (ALU) c. control and timing, register, and memory d. arithmetic/logic unit (ALU), memory, and input/output

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Scamagination Where Science Means Imagination

Eve	ent Name: Technical Quiz Date: 27/04/2019
	Selection Round
<i>X.</i>	The use of the Internet or other electronic means to stalk or harass an individual, a group of individuals, or an organization is termed: a. Cyberspace L. Cyber stalking c. Pornography d. None of these
V.	Which of the following is a cybercrime? a. Hacking b. Worm attack c. Virus attack All of these
3/	Refers to email that appears to be originated from one source when it was actually sent from another source. a. Email bombing
4.	A program that has capability to infect other programs and make copies of itself and spread into other programs is called:
	a. Worm & Virus c. Trojan d. None of these
√ \$.	A type of cybercrime that occurs in pay per click online advertising when a person, automated script or computer program imitates a legitimate user of a web browser clicking on an ad, for the purpose of generating a charge per click without having actual interest in the target of the ad's link. a. Phishing b. Zombie & Click fraud d. None of these
61	In cyber law terminology 'DoS' means:
•	Denial of Service b. Disc operating System
	c. Distant operator Service d. None of these
√.	The Indian Parliament passed the Information Technology Bill, which is regarded as the mother legislation regulating the use of computers, computer systems and computer networks as also data and information in the electronic format, in the year: 1. 2000 b. 2001 c. 2002 d. 2003
<i>A</i>	The seat of the Asian School of Cyber Laws:
0.	a. New Delhi . Pune c. Chennai d. Hyderabad
9.	Which of the following is an example of 'denial of service attack'?
	a. Attempts to "flood" a network, thereby preventing legitimate network traffic

c. Attempts to prevent a particular individual from accessing a service of All of these or Trojan horse and can be used to perform malicious tasks of one sort of another under remot direction? a. Server N. Zombie c. Symbian d. None of these
Which one of the following is not an example of 'using computer as a weapon'? a. Cyber Terrorism b. IPR violations c. Credit and Frauds All of these
Refers to sending email to thousands and thousands of users-similar to a chain letter. A. Email spamming b. Email bombing c. Trojan attack d. None of these
According to a report on crimes in India in 2011, published by the National Crime Records Bureau the largest number of cybercrimes were registered in: a. Maharashtra b. Uttar Pradesh c. Karnataka
A. Spoofing b. Hijacking control on another person's website called as web a. Spoofing b. Hijacking c. Spamming d. None of these
Programs that multiply like viruses but spread from computer to computer are called as: 4. Worms' b. Virus c. Boot d. None of these
The attempt to acquire information such as usernames, passwords, and credit card details by masquerading as a trustworthy entity in an electronic communication is termed: a. Spamming Description: C. Spoofing Description: C. Spoofing Description: D
Which agency made the investigation related to India's First Cyber Crime Conviction? a. Mumbai Police b. Chennai Police A CBI d. Kerala Police
Which one of the following is an example of E-mail and Internet Relay Chat (IRC) related crimes? a. Email spoofing b. Email spamming c. Email bombing d. All of these
When converting 7,000 nA to microamperes, the result is a. 0.007 μA b. 0.7 μA c. 700 μA A. 7 μA
In the complex plane, the number 14 – j5 is located in the a. first quadrant b. second quadrant c. third quadrant fourth quadrant
The unit for permeability of free space is? a) Henry b) Henry-m d) Henry/m2
Resistivity of a wire depends on a. length M. material C. cross section area d. none of the above.
23. Ampere second could be the unit of a. power b. conductance c. energy d. charge.
4. Which of the following is not the same as watt? a. joule/sec

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25. A circuit contains	two un-equal re	sistances i	n parallel			
a. current is same in b	ooth b. lar	ge current	flows in larg	ger resistor		
potential difference					smaller conductance.	
26. A circuit breaker i	S					
a. a power factor co	orrecting device	b. a de	vice to neutra	alize the effect	of transients	
c. a waveform corre	ecting device	d∕a cui	rrent interrup	ting device.		
,						
SF6 gas is						
a. sulphur fluorid	b. sulphur dif	fluoride	c. sulphur h	exafluorine	sulphur hexafluor	ide.
Which of the follo	wing logical on	erations is	rangeanted	by the + sign	in Roolean algebra?	
a. inversion	b. AND		do	complementati	on	
a. mversion	U. AND	æ. OR	u. c	omprementati	OII	
A 2-input NOR ga	to is conjuglant	to 0				
				NAND	,	
a. negative-OR gate	b. negative-A	IND gate	c. negative	-NAND gate	d. none of the a	oove
Which of the falls					140	
Which of the follo	wing are the thi	ree basic se	ections of a n	nicroprocesso	r unit?	
a. operand, register, a	and arithmetic/lo	ogic unit (.	ALU)			
b. control and timing			ogic unit (Al	LU)		
c. control and timing	0 100					
d. arithmetic/logic ur	iit (ALU), mem	ory, and ir	nput/output			

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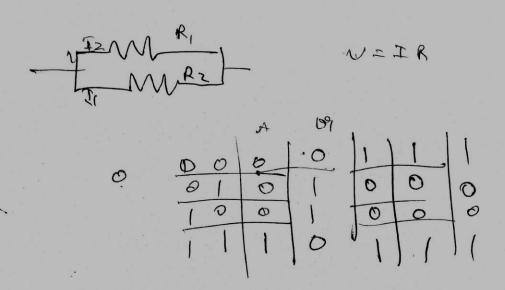
Ev	ent Name: Technical Quiz Date: 27/04/2019
	Selection Round
1.	The use of the Internet or other electronic means to stalk or harass an individual, a group of individuals, or an organization is termed: a. Cyberspace b Cyber stalking c. Pornography d. None of these
/ 2.	Which of the following is a cybercrime? a. Hacking b. Worm attack c. Virus attack L. All of these
_ 3.	
	a. Email bombing b. Email spoofing c. Email spamming d. None of these
_ 4.	A program that has capability to infect other programs and make copies of itself and spread into other programs is called: a. Worm b. Virus c. Trojan d. None of these
<i>₹</i> 5.	A type of cybercrime that occurs in pay per click online advertising when a person, automated script or computer program imitates a legitimate user of a web browser clicking on an ad, for the purpose of generating a charge per click without having actual interest in the target of the ad's link. a. Phishing b. Zombie Click fraud d. None of these
	In cyber law terminology 'DoS' means: Denial of Service b. Disc operating System c. Distant operator Service d. None of these
X ^{7.}	The Indian Parliament passed the Information Technology Bill, which is regarded as the mother legislation regulating the use of computers, computer systems and computer networks as also data and information in the electronic format, in the year: a. 2000 b. 2001 c. 2002 d. 2003
★ 8.	The seat of the Asian School of Cyber Laws: a. New Delhi b. Pune c. Chennai d Hyderabad
12.	Which of the following is an example of 'denial of service attack'? a. Attempts to "flood" a network, thereby preventing legitimate network traffic
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b. Attempts to disrupt connections between two machines, thereby preventing access to a service	1
Attempts to prevent a particular individual from accessing a service d. All of these	1
10 Is a computer connected to the internet that has been compromised by a hacker, computer virus	
or Trojan horse and can be used to perform malicious tasks of one sort of another under remote	
direction?	
a. Server b. Zombie c. Symbian d. None of these	
and the state of t	
Which one of the following is not an example of 'using computer as a weapon'?	
a. Cyber Terrorism b. IPR violations c. Credit and Frauds d. All of these	
Refers to sending email to thousands and thousands of users-similar to a chain letter.	
a. Email spamming be Email bombing c. Trojan attack d. None of these	
13 According to a report on crimes in India in 2011, published by the National Crime Records Bureau,	
X 13. According to a report on crimes in India in 2011, published by the National Crime Records Bureau, the largest number of cybercrimes were registered in:	
a. Maharashtra b. Uttar Pradesh Karnataka d. Andra Pradesh	
4. By hacking web server taking control on another person's website called as web	
a. Spoofing b Aijacking c. Spamming d. None of these	
15. Programs that multiply like viruses but spread from computer to computer are called as:	
Worms' b. Virus c. Boot d. None of these	
16. The attempt to acquire information such as usernames, passwords, and credit card details by	
masquerading as a trustworthy entity in an electronic communication is termed:	
a. Spamming d. Phishing c. Spoofing d. None of these	
Which agency made the investigation related to India's First Cyber Crime Conviction?	
a. Mumbai Police b. Chennai Police ceBI d. Kerala Police	
√ 18. Which one of the following is an example of E-mail and Internet Relay Chat (IRC) related crimes?	
Email spoofing b. Email spamming c. Email bombing d. All of these	
19. When converting 7,000 nA to microamperes, the result is a. 0.007 μA b. 0.7 μA c. 700 μA d.7 μA 1 7000 ×10 $^{-3}$	110
a. 0.007 μA b. 0.7 μA c. 700 μA d.7 μA	
7000 m/t 20. In the complex plane, the number 14 – j5 is located in the	
a. first quadrant b. second quadrant c. third quadrant d Fourth quadrant	
✓ 21. The unit for permeability of free space is?	
a) Henry b) Henry-m c) Henry/m d) Henry/m2	
22. Resistivity of a wire depends on	
a. length b. material cross section area d. none of the above.	
23. Ampere second could be the unit of	
a. power b. conductance c. energy d charge.	
그 이 아이는 그리고 있다는 살이 하는 사람이 아픈 살아서 되는 사람이 살아 하셨다면 그렇게 되었다.	
24. Which of the following is not the same as watt?	
a. joule/sec b. amperes/volt c. amperes x volts d. (amperes)2 x ohm.	
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a Bandalore - 55°	

25. A circuit contains two un-equal resistances in parallel a. current is same in both b. large current flows in larger resistor c. potential difference across each is same d. smaller resistance has smaller conductance. 26. A circuit breaker is a. a power factor correcting device b. a device to neutralize the effect of transients da current interrupting device. c. a waveform correcting device 27. SF6 gas is a. sulphur fluorid c. sulphur hexafluorine desulphur hexafluoride. b. sulphur difluoride 28. Which of the following logical operations is represented by the + sign in Boolean algebra? a. inversion b. AND c. OR d complementation 29. A 2-input NOR gate is equivalent to a negative-OR gate b. negative-AND gate c. negative-NAND gate d. none of the above √30. Which of the following are the three basic sections of a microprocessor unit? a. operand, register, and arithmetic/logic unit (ALU)



b. control and timing, register, and arithmetic/logic unit (ALU)

arithmetic/logic unit (ALU), memory, and input/output

c. control and timing, register, and memory

ANNUAL INTER-COLLEGIATE TECHNICAL FEST

Scamagination Where Science Meets that magination

Ev	ent Name: Technical Quiz Date: 27/04/2019
	Selection Round
X	The use of the Internet or other electronic means to stalk or harass an individual, a group of
•	individuals, or an organization is termed:
1881	a. Cyberspace b. Cyber stalking c. Pornography None of these
2	Which of the following is a cybercrime?
	a. Hacking b. Worm attack c. Virus attack All of these
3/	Refers to email that appears to be originated from one source when it was actually sent from
	another source.
	a. Email bombing . Email spoofing c. Email spamming d. None of these
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•	programs is called:
	a. Worm
%	A type of cybercrime that occurs in pay per click online advertising when a person, automated script
/~	or computer program imitates a legitimate user of a web browser clicking on an ad, for the purpose of
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	b. Zombie c. Click fraud d. None of these
K	In cyber law terminology 'DoS' means:
٠.	Denial of Service b. Disc operating System
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.~	The Indian Parliament passed the Information Technology Bill, which is regarded as the mother
Ψ.	legislation regulating the use of computers, computer systems and computer networks as also data and
	information in the electronic format, in the year:
	2000 b. 2001 c. 2002 d. 2003
100	The seat of the Asian School of Cyber Laws:
×	Clausi Hudarahad
0%	Which of the following is an example of 'denial of service attack'?
	a. Attempts to "flood" a network, thereby preventing legitimate network traffic
	()

b. Attempts to disrupt connections between two machines, thereby preventing access to a service	
c. Attempts to prevent a particular individual from accessing a service d. All of these	
or Trojan horse and can be used to perform malicious tasks of one sort of another under remote	
direction? a. Server b. Zombie c. Symbian d. None of these	
	
Which one of the following is not an example of 'using computer as a weapon'? a. Cyber Terrorism b. IPR violations c. Credit and Frauds d. All of these	
Refers to sending email to thousands and thousands of users-similar to a chain letter. Email spamming b. Email bombing c. Trojan attack d. None of these	
According to a report on crimes in India in 2011, published by the National Crime Records Bureau, the largest number of cybercrimes were registered in: a. Maharashtra b. Uttar Pradesh c. Karnataka d. Andra Pradesh	
By hacking web server taking control on another person's website called as web a. Spoofing b. Hijacking c. Spamming d. None of these	
Worms' b. Virus c. Boot d. None of these	
The attempt to acquire information such as usernames, passwords, and credit card details by masquerading as a trustworthy entity in an electronic communication is termed: a. Spamming b. Phishing c. Spoofing d. None of these	
Which agency made the investigation related to India's First Cyber Crime Conviction? a. Mumbai Police b. Chennai Police c. CBI d. Kerala Police	
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When converting 7,000 nA to microamperes, the result is a. $0.007 \mu\text{A}$ b. $0.7 \mu\text{A}$ c. $700 \mu\text{A}$ d. $7 \mu\text{A}$	y -6
In the complex plane, the number 14 – j5 is located in the a. first quadrant b. second quadrant third quadrant d. Fourth quadrant	7
The unit for permeability of free space is? (a) Henry b) Henry-m c) Henry/m d) Henry/m2	
Resistivity of a wire depends on a. length b. material c. cross section area d. none of the above.	
W-A	0
23. Ampere second could be the unit of	30
a. power b. conductance c. energy d. charge.	
24. Which of the following is not the same as watt?	
a. joule/sec amperes/volt amperes x volts d. (amperes)2 x ohm.	
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35/ A circuit contains two un-equal resistances in parallel
a. current is same in both b. large current flows in larger resistor
potential difference across each is same d. smaller resistance has smaller conductance.
\26. A circuit breaker is
a. a power factor correcting device b. a device to neutralize the effect of transients
c. a waveform correcting device
27. SF6 gas is
a. sulphur fluorid b. sulphur difluoride c. sulphur hexafluorine d. sulphur hexafluoride.
Which of the following logical operations is represented by the + sign in Boolean algebra?
Which of the following logical operations is represented by the + sign in Boolean algebra? a. inversion b. AND c. OR d. complementation
A 2-input NOR gate is equivalent to a .
A 2-input NOR gate is equivalent to a a negative-OR gate b. negative-AND gate c. negative-NAND gate d. none of the above
$A \cdot D = A$
Which of the following are the three basic sections of a microprocessor unit?
a. operand, register, and arithmetic/logic unit (ALU)
b. control and timing, register, and arithmetic/logic unit (ALU)
c. control and timing, register, and memory
d. arithmetic/logic unit (ALU), memory, and input/output
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ANNUAL INTER-COLLEGIATE TECHNICAL FEST

Scamagination Where Science Meets Unagination

Ev	vent Name: Technical Quiz Date: 27/04/2019
	Selection Round
Ψ.	The use of the Internet or other electronic means to stalk or harass an individual, a group of individuals, or an organization is termed: a. Cyberspace b. Cyber stalking c. Pornography d. None of these
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بو	A program that has capability to infect other programs and make copies of itself and spread into other programs is called: a. Worm to Virus c. Trojan d. None of these
<i>5</i> /.	A type of cybercrime that occurs in pay per click online advertising when a person, automated script or computer program imitates a legitimate user of a web browser clicking on an ad, for the purpose of generating a charge per click without having actual interest in the target of the ad's link. a. Phishing b. Zombie Click fraud d. None of these
6.	In cyber law terminology 'DoS' means:
	Denial of Service b. Disc operating System
	c. Distant operator Service d. None of these
×	The Indian Parliament passed the Information Technology Bill, which is regarded as the mother legislation regulating the use of computers, computer systems and computer networks as also data and information in the electronic format, in the year: a. 2000 b. 2001 c. 2002 d. 2003
% /	The seat of the Asian School of Cyber Laws:
.	a. New Delhi b. Pune c. Chennai d. Hyderabad
%	Which of the following is an example of 'denial of service attack'?
1	a. Attempts to "flood" a network, thereby preventing legitimate network traffic
	↑ Many



28. A circuit contains two un-equal resistances in parallel
a. current is same in both b. large current flows in larger resistor
potential difference across each is same d. smaller resistance has smaller conductance.
26. A circuit breaker is
a. a power factor correcting device b. a device to neutralize the effect of transients
c. a waveform correcting device d. a current interrupting device.
SF6 gas is
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39. Which of the following are the three basic sections of a microprocessor unit?
a. operand, register, and arithmetic/logic unit (ALU)
b control and timing, register, and arithmetic/logic unit (ALU)
c. control and timing, register, and memory
d. arithmetic/logic unit (ALU), memory, and input/output

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	그는 내가 있는 것이 되는 아이들의 사람들이 가게 되는 것이 되는 것이 되는 것이 없다.
Eve	nt Name: Technical Quiz Date: 27/04/2019
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9.	Which of the following is an example of 'denial of service attack'? a. Attempts to "flood" a network, thereby preventing legitimate network traffic
	aler 24

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Principal

b. Attempts to disrupt connections between two machines, thereby preventing access to a service
c. Attempts to prevent a particular individual from accessing a service. All of these
Is a computer connected to the internet that has been compromised by a hacker, computer virus
or Trojan horse and can be used to perform malicious tasks of one sort of another under remote direction?
Server b. Zombie c. Symbian d. None of these
Which one of the following is not an example of 'using computer as a weapon'? a. Cyber Terrorism . b. IPR violations c. Credit and Frauds All of these
Refers to sending email to thousands and thousands of users-similar to a chain letter. Email spamming b. Email bombing c. Trojan attack d. None of these
According to a report on crimes in India in 2011, published by the National Crime Records Bureau, the largest number of cybercrimes were registered in: a. Maharashtra b. Uttar Pradesh c. Karnataka d. Andra Pradesh
a. Spoofing b. Hijacking c. Spamming d. None of these
Worms' b. Virus c. Boot d. None of these
The attempt to acquire information such as usernames, passwords, and credit card details by masquerading as a trustworthy entity in an electronic communication is termed: a. Spamming b. Phishing c. Spoofing d. None of these
Which agency made the investigation related to India's First Cyber Crime Conviction? a. Mumbai Police b. Chennai Police c. CBI d. Kerala Police
Which one of the following is an example of E-mail and Internet Relay Chat (IRC) related crimes? a. Email spoofing b. Email spamming c. Email bombing d. All of these
When converting 7,000 nA to microamperes, the result is a. 0.007 μA b. 0.7 μA c. 700 μA d. 7 μA
20. In the complex plane, the number 14 – j5 is located in the a. first quadrant b. second quadrant c. third quadrant d. Fourth quadrant
a) Henry b) Henry-m c) Henry/m d) Henry/m2
Resistivity of a wire depends on a. length b. material c. cross section area d. none of the above.
Ampere second could be the unit of Ampere second could be the unit of Conductance c. energy d. charge. P. VI John P. V
Which of the following is not the same as watt?
a joule/sec b. amperes/volt c. amperes x volts d. (amperes)2 x ohm.
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2 mm

V.5. A circuit contains two un-equal resistances in parallel
a. current is same in both b. large current flows in larger resistor
d. smaller resistance has smaller conductance.
26. A circuit breaker is
a. a power factor correcting device b. a device to neutralize the effect of transients
c. a waveform correcting device d. a current interrupting device.
A. SF6 gas is
a. sulphur fluorid b. sulphur difluoride c. sulphur hexafluorine d. sulphur hexafluoride.
Which of the following lands
28. Which of the following logical operations is represented by the + sign in Boolean algebra? a. inversion b. AND c OR d. complementation
A 2-input NOR gate is equivalent to a negative-OR gate b. negative-AND gate c. negative-NAND gate d. none of the above
negative-OR gate b. negative-AND gate c. negative-NAND gate d. none of the above
Which of the following are the three basic sections of a microprocessor unit?
a. operand, register, and arithmetic/logic unit (ALU)
b. control and timing, register, and arithmetic/logic unit (ALU)
c. control and timing, register, and memory
d. arithmetic/logic unit (ALU), memory, and input/output

(17) 30)





ANNUAL INTER-COLLEGIATE TECHNICAL FEST

Eve	ent Name: Technical Quiz Date: 27/04/2019
	Selection Round
<u></u>	The use of the Internet or other electronic means to stalk or harass an individual, a group of individuals, or an organization is termed: a. Cyberspace b. Cyber stalking Pornography d. None of these
- 2.	Which of the following is a cybercrime? a. Hacking b. Worm attack c. Virus attack d. All of these
- 3.	Refers to email that appears to be originated from one source when it was actually sent from another source.
	a. Email bombing b. Email spoofing c. Email spamming d. None of these
4 .	A program that has capability to infect other programs and make copies of itself and spread into other programs is called: a. Worm b. Virus c. Trojan d. None of these
×5.	A type of cybercrime that occurs in pay per click online advertising when a person, automated script or computer program imitates a legitimate user of a web browser clicking on an ad, for the purpose of generating a charge per click without having actual interest in the target of the ad's link. a. Phishing b. Zombie c. Click fraud d. None of these
X 6.	In cyber law terminology 'DoS' means: a. Denial of Service Disc operating System
	c. Distant operator Service d. None of these
人"	The Indian Parliament passed the Information Technology Bill, which is regarded as the mother legislation regulating the use of computers, computer systems and computer networks as also data and information in the electronic format, in the year: a. 2000
★ 8.	The seat of the Asian School of Cyber Laws: a. New Delhi b. Pune c. Chennai Hyderabad
× 9.	Which of the following is an example of 'denial of service attack'? a. Attempts to "flood" a network, thereby preventing legitimate network traffic
	263 Principal Principal

Attempts to disrupt connections between two machines, thereby preventing access to a service
c. Attempts to prevent a particular individual from accessing a service d. All of these
10 Is a computer connected to the internet that has been compromised by a hacker, computer virus
or Trojan horse and can be used to perform malicious tasks of one sort of another under remote
direction?
A. Server b. Zombie c. Symbian d. None of these
11. Which one of the following is not an example of 'using computer as a weapon'?
a. Cyber Terrorism b. IPR violations c. Credit and Frauds d. All of these
12 Refers to sending email to thousands and thousands of users-similar to a chain letter.
a. Email spamming . Email bombing c. Trojan attack d. None of these
13. According to a report on crimes in India in 2011, published by the National Crime Records Bureau,
the largest number of cybercrimes were registered in:
a. Maharashtra b. Uttar Pradesh Karnataka d. Andra Pradesh
14. By hacking web server taking control on another person's website called as web
a. Spoofing b Aljacking c. Spamming d. None of these
15. Programs that multiply like viruses but spread from computer to computer are called as:
Worms' b. Virus c. Boot d. None of these
.16. The attempt to acquire information such as usernames, passwords, and credit card details by
masquerading as a trustworthy entity in an electronic communication is termed:
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να. 0.007 μA b. 0.7 μA c. 700 μA ν 7 μΑ
20. In the complex plane, the number 14 – i5 is located in the
a. first quadrant b. second quadrant d. Fourth quadrant
21. The unit for permeability of free space is?
a) Henry b) Henry-m d) Henry/m2
+ 22. Resistivity of a wire depends on
a. length b. material cross section area d. none of the above.
23. Ampere second could be the unit of
a. power b. conductance c. energy d. charge.
그 경우 전 그리고 있다면 모든 한글로 사용하게 가는 소리에는 모든 사람이 되는 것이다. 그는 것이다.
24. Which of the following is not the same as watt?
a. joule/sec b. amperes/volt c. amperes x volts d. (amperes)2 x ohm.
1) and 24
TKT OF TECHNOLOGY VIVEKANANDA INSTITUTE OF TECHNOLOGY VIVEKANANDA INSTITUTE OF TECHNOLOGY Bandalore 560 074
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25. A circuit contains two un-equal resistances in parallel

a. current is same in both

b. large current flows in larger resistor

potential difference across each is same

d. smaller resistance has smaller conductance.

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b. a device to neutralize the effect of transients

c. a waveform correcting device

d. a current interrupting device.

27. SF6 gas is

a. sulphur fluorid

b. sulphur difluoride

c. sulphur hexafluorine

sulphur hexafluoride.

28. Which of the following logical operations is represented by the + sign in Boolean algebra?

a. inversion

b. AND

d. complementation

29. A 2-input NOR gate is equivalent to a _____.
a. negative-OR gate b. negative-AND gate c. negative-NAND gate

d. none of the above

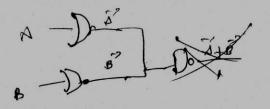
X30. Which of the following are the three basic sections of a microprocessor unit?

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b. control and timing, register, and arithmetic/logic unit (ALU)

c. control and timing, register, and memory

arithmetic/logic unit (ALU), memory, and input/output



Bangalore - 560 074

Oved by AICTE, New Delhi, Recognized by Govt of Karnataka Affiliated to VIU. Belogard Gudimavu, Kumbalagadu Past, Kangen Hobil, Bangalare 560.024 ie. 91.7625013435 Office: 080.2843.7694, 28437036 Fax. 080.2843794, URL: https://wilb.ac.in/ Mail: vkilprincipal@gmail.com









INSTITUTE INNOVATION COUNCIL (IIC ID: IC201912167)

IIC5.0 (Academic Year 2022-23)

Ref: VKIT/IIC/ /2022-23

08.08.2023

Report of the Session on "Scimagination-Tech-Fest" - 2023

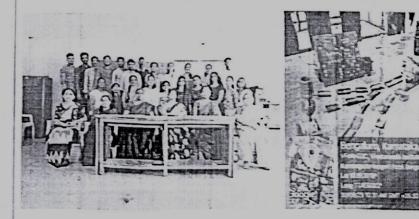
Semester: 2

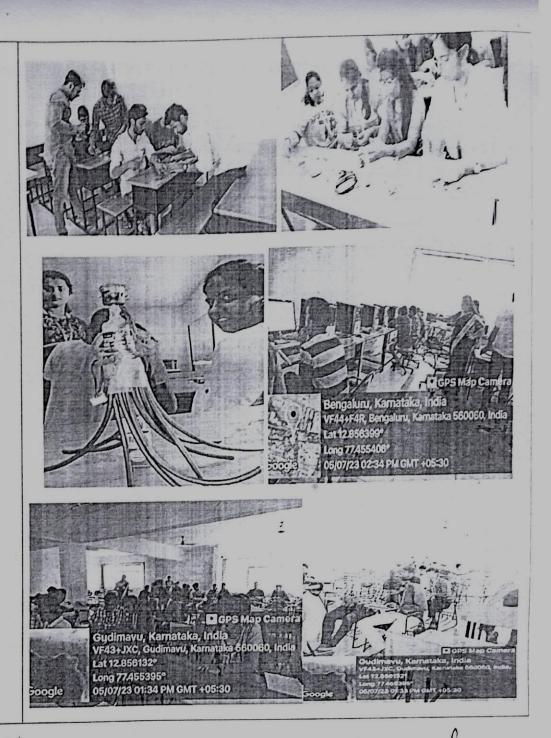
Thrust Area: Innovation

Quarter: 4

Theme	Innovation
Activity Name	Scimagination – Tech Fest
Mode of Conduct	Offline
Date and Time	30.06.2023 to 06.07.2023
Faculty Coordinator Name	Dr. Shaila K
Student Coordinator Name	
Mandatory/Elective	Self Driven
No. of participants	50
Number of Faculty Participants	-
Expenditure (if any)	
Objective (100 words)	The main objective of this event is to encourage students to come out with innovative ideas.
Resource person details	-

Description The following events were conducted under technical fest-Scimagination 2023. Basic Science and Humanities - 30.06.2023 (i) Novel Consumer Design (ii) Scientific Fiction Writing Electronics and Communication Engineering - (i) TECHWIZ (ii) Art from ewaste - 30.06.2023 Computer Science and Engineering, Information Science and Engineering, Artificial Intelligence and Machine Learning - 05.07.2023 (i) Quizzie Buizzie (ii) Find-Fit-Finish Civil Engineering - CAD Quest - 30.06.2023 Mechnical Engineering - CAED War - 30.06.2023 YouTube Link https://voutube.com/shorts/VUvQrFh6vfQ Photo NATION EVENT: CAD QUEST EVENT : CAFD WAR





Dr. Shaila K 872003 Activity Coordinator

Dr. Shaila K Vice President President

Dr. D V Chandrashekar

Head of the Tristitution Vivekananda Institute of Technology Gudimavu, Kumba ngudu, Kengeri (4) Bangalore, Form

VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074

JANATHA EDUCATION SOCIETY ®

VIVEKANANDA INSTITUTE OF TECHNOLOGY, BENGALURU-74 Student List (D SECTION)

SL NO	USN	NAME OF THE STUDENT	SIGNATURE
1	1VK22AI002	AKASH P	4 SCA
2	1VK22CS006	AKSHAY S	Am
3	1VK22CS007	ALLWYN JOSEPH	1
4	1VK22CS009	ANJUSHREE J	All
5	1VK22AI004	ANUSHA P JOSHI	- ann
6	1VK22CS010	ANUSHA SUBRAMANYA NAIK	John
7	1VK22CS011	ASHLESH V	Said
8	1VK22AI005	B VARDHAN	Dis
9	1VK22CS012	BALAJI C N	Sola =
10	1VK22CS013	BHAVANA T S	Dhouan
11	1VK22CS015	BIBI HAJIRA M S	Dow
12	1VK22CS018	CHINMAY B M	Time
13	1VK22CS019	DEEKSHA A G	Decksha A.G
14	1VK22CS020	DEEKSHA K	Devasaix
15	1VK22AI010	DEVARAJ NINGAPPA	Devara
16	1VK22CS024	GAGANAKEERTHI G	Cagazzka
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19	1VK22CS029	JAGADISH B S	Clast.
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22	1VK22CS034	KAVYA MOGER	Laire
23	1VK22AI017	KIRANMAI U I	Kingu
24	1VK22AI022	MAHALAKSHMI S	Hablakh
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27	1VK22CS042	MANASA Y G	Manesa
28	1VK22CS047	MEGHANA S	Herman
29	1VK22CS049	NIRANJAN N	Vi Lings
30	1VK22CS052	P SHYAM KULKARNI	Jugan
31	1VK22AI027	PAVAN M	Pan
32	1VK22CS053	PRADEEP M	Pradecp. M
33	1VK22CS054	PRAJWAL P P	Rajual
34	1VK22CS056	PRATHAM R	Protham of
35	1VK22AI029	PRUTHVI RAJAN	Prothvi Rojan
36	1VK22AIO30	RAHUL M	(P)_
37	VK22CS0584	RAKSHITHA H E	Ratshitta H.E

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38	1VK22CS060	RAKSHITHA M	()
39	1VK22CS061	RAKSHITHA V	Dentohin
40	1VK22CS062	RAMYA NAIK	Lamp
41	1VK22AIO32	RANGALAKSHMI	Rangalabolu:
42	1VK22AI033	SAGAR B R	Som
43	1VK22AI034	SAKSHI	mater
44	1VK22AI035	SHARON SANJANA S	2000
45	1VK22AI036	SHIVANI M	Suive
46	1VK22AI037	SINCHANA K R	Museum
47	1VK22CS070	SNEHA D	Stul
48	1VK22CS071	SOHEL SHAIKH	Boll ship
49	1VK22CS072	SOTTA VEDAMURTHI NAIK	Later Viden
50	1VK22CS073	SOUNDARYA S	Drudanja
51	1VK22AI038	SOURAV D GOWDA	Januar
52	1VK22CS068	SRI MADHU N	
53	1VK22CS078	SUPRIYA G R	impringe G.P.
54	1VK22CS079	TANIYA DEEPAK SHET	Tanis
55	1VK22CS081	TEJAS REDDY	Figor
56	1VK22CS083	UDAY KRISHNA L V	Uday Krish
57	1VK22AI041	VARNITHA N R	Harm!
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63	1VK22CS091	VISHAL REDDY	Vishal Reddy
64	1VK22AI042	VISHNU S BHARADWAJ	Sun
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66	1VK22CS092	YASEEN MUBARAK LATAKAR	of seem
67	1VK22CS093	YASHWANTH M	Yashwant.M
68	1VK22CS094	YOGESH GOWDA Y R	Yogest

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VIVEKANANDA INSTITUTE OF TECHNOLOGY

Bangalore - 560 074

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INSTITUTE INNOVATION COUNCIL (IIC ID: IC201912167)

IIC5.0 (Academic Year 2022-23)

Ref: VKIT/IIC/ /2022-23

30.08.2023

Report of the Session on "Skill Development"

Semester: 2

Thrust Area: Innovation

Quarter: 4

Theme	Innovation
Activity Name	Inaugural Function of Skill Development with KSDC, KDEM, K-tec, Startup Karnataka
Mode of Conduct	Offine
Date and Time	29.08.2023 at 10.00a.m to 11.00a.m
Faculty Coordinator Name	Dr. Shaila K
Student Coordinator Name	
Mandatory/Elective	Self Driven
No. of participants	187
Number of Faculty Participants	10
Expenditure (if any)	Rs. 1000/-
Objective (100 words)	The main objective of this event is to encourage students to join in KSDC porta and upgrade their Skill using their platform.
Resource person	Mr. Venkatesh Hulikal, Ex Vice President, Wipro Technologies, Mentor

Principal

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details	NSRCRL, IIMB has over 35 years of experience in the technology industry as business leader and operation head. He built a \$100 million business for Wipro in Japan from scratch. In his last role at Wipro he was managing a team of 10,000 people providing SW, VLSI and mechanical engineers working on deep tech projects. He has managed large complex projects for international clients. Last 3 years he is working as a consultant to tech customers and as a strategic and scaleup advisors to start-ups as a mentor at NSRCEL, IIMB. Mr. Arjun Chaithanya, Talent Accelerator, KDEM aims to bridge the supply and demand gap of skilled talent across emerging IT hubs in Karnataka through various strategic interventions such as competency building for fresh graduates and existing workforce in future skills through industry-academic collaboration. Works on a TA's mission to Educate/ Skill 2 Million people in the new emerging technologies including job earning skills by 2026 and to Facilitate 1 million fresh trained talent for IT companies and Startups in emerging clusters. Mr. Arjun Chaithanya earned his Master's in Biochemistry from University of Mysore(Manasa Gangothri). He is also a Neuro Linguistic Programming Coach certified from AMERICAN BOARD OF NLP, USA. Mr. Abishek J is from Chikkamagaluru. He is a BSc Agriculture Graduate from College of Agriculture Hassan. After graduation he started preparing for competitive exams. After few attempts, he have started working with KSDC for Skill Connect Portal.
Description	Career Counseling and Placement Cell took the initiative of arranging this event. MC was done by Ms. Aditi Shenoy 4 th sem ECE student and briefed about the session. Ms. Thejashree of 4 th Sem sang the invocation song. Dr. D V Chandrashekar welcomed the diginitaries. Mr. Venkatesh, Ex. Vice President, Wipro Technologies, Mentor, NSRCRL, IIMB was the Chief Guest, Mr. Arjun Chaitanya, Associate Talent Accelerator, KDEM explained about the about the various types of Skill development provided by Government of Karnataka, KDEM, Startup Karnataka, K-Tech. He also conducted activities for students. Mr. Abhishek, Outreach Associate, Karnataka Skill Connect Portal, KSDC explained about the portal and students were made to register in their portal. Dr. Shaila K, Activity Coordinator, Prof., Dept. of ECE and Placement Officer delivered Vote of Thanks.
YouTube Link	https://www.youtube.com/watch?v=yKcZISWmEr0
Photo	

Principal Principal



K-tech









JANATHA EDUCATION SOCIETY (R)

VIVEKANANDA INSTITUTE OF TECHNOLOGY

CAREER COUNSELING AND PLACEMENT CELL

Karnataka Digital Economy Mission (KDFM) Karnataka Skill Development Corporation - Kombalkor

Chief Guest



Mr.Venkatesh Hulikal Ex-Vice President, Wipro Technologies, Mentor at NSRCRL, IIMB

Guest of Honour



Mr. Arjun Chaitanya Associate Talent Accelerator Karnataka Digital **Economy Mission**

Sri. H.G Balagopal

Mr. Abishek Out reach Associate Karnataka Skill Connect Portal Karnataka Skill Development Corporation

In the presence of

Smt. Indira Gopala Krishna GC Member, VKIT & MC Member - JES Chairman, VPS -Bangalore.

Sri.K.P.Muthaiah Director, VKIT- Bangalore.

All Students, HOD's and Faculty members are invited to attend the Function



29-AUG-2023 10:00 AM



Sri. K. PUTTASWAMY AUDITORIU

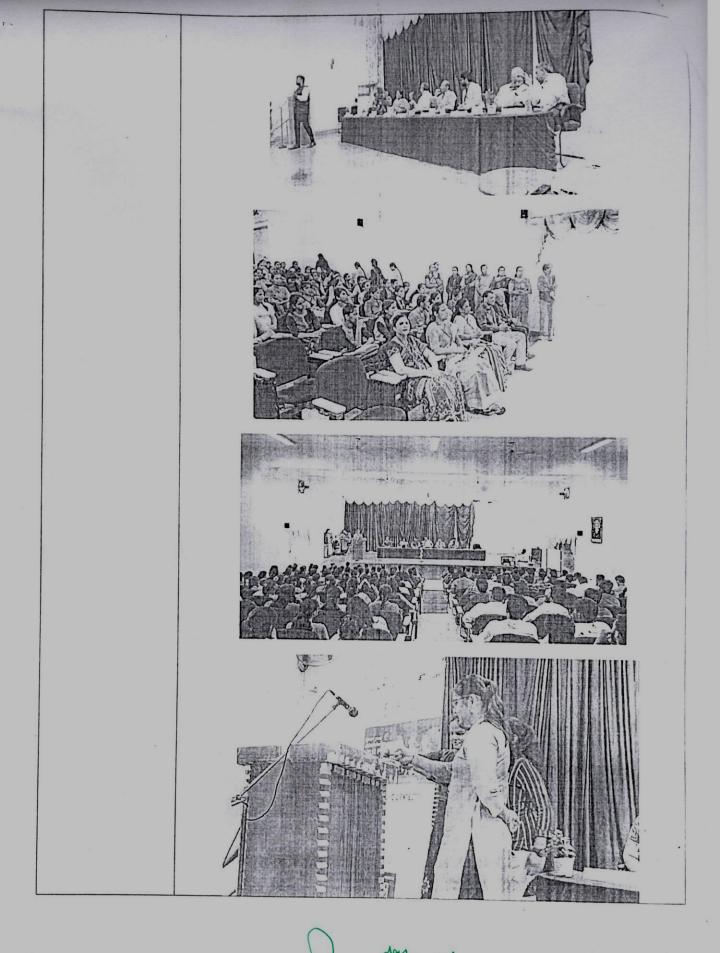
Dr. SHAILA K

Vice President, III

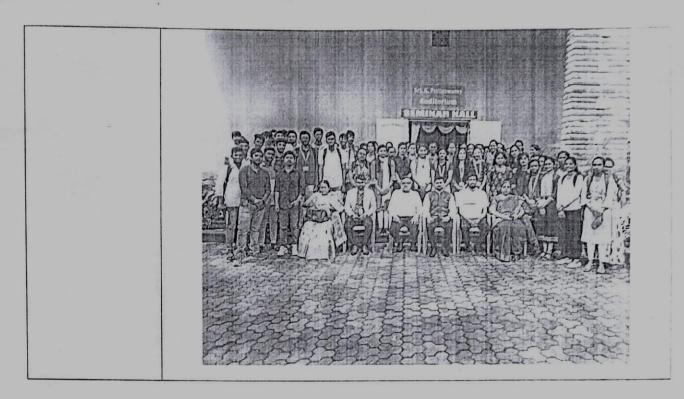
Dr. D V CHANDRASHEKAR

Prof., Dept. of ECE, & Placement Officer, VKIT https://twltter.com/licVkit instagram.com/lic_vkit

Principal VIVERANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074



274 Principal
VIVEKANANDA INSTITUTE OF TECHNOLOGY
Bandalore - 560 074



Dr. Shaila K
Activity
Coordinator

Dr. Shaila K Vice President Dr. Vidya A oglod 223
President

Convener

Dr. Vanajakshi P

Dr. D V Chandrashekar Head of the Institution

Vivekananda Institute of Technolog Bangaiore - 560 074.

VIVEKANANDA INSTITUTE OF TECHNOLOGY, BENGALURU-74 Student List (C Section)

SL NO	USN	NAME OF THE STUDENT	SIGNATURE
1	1VK22CS001	ABDUL SATTAR KHAN	+ bout
2	1VK22CS002	ABHISHEK C	AQ
3	1VK22CS003	AISHWARYA	Aidwaryn
4	IVK22AI001	AKASH G	Axel G
5	1VK22CS004	AKASH M	A. d.
6	IVK22CS005	AKSHAY MANJUNATH BHAT	Axelin
7	1VK22CS008	ANJALIM (Dern
8	IVK22A1003	ANU N	(D-
9	1VK22A1006	BHOOMIKA R	Danie
10	1VK22CS014		70)
11	1VK22CS014	BHOOMIKA S BINDU N E	D. V.
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12	1VK22CS017	CHAITANYA C	Carring
13	IVK22AI007	CHAMAN S	harm
14	1VK22A1008	CHARISHMA K L	A
15	1VK22A1009	CHETHAN D	Chu
16	1VK22CS021	DEEKSHITHA D A	· Som
17	1VK22CS022	DEVACHARYA	+ seul
18	1VK22CS023	DIANA WILLIAMS	1
19	1VK22A1011	DIVYA B A	Divya. L.A
20	1VK22A1012	DIVYA SHREE S	Jaier
21	IVK22AI013	GOWTHAM S	Gartin
22	1VK22CS026	HARSHA K J	- Bould
23	IVK22CS027	HARSHITH P B	Hodlik ls
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48	1VK22CS051	NITHYALAKSHMI K	Norteres
49	1VK22AI026	PANCHAMI R	Panchami
50	IVK22A1028	PRAJWAL P L	Premal P.
51	IVK22CS055	PRAKRUTHI K	Drateral
52	1VK22CS057	RACHANA M R	9 Cool
53	1VK22CS059	RAKSHITHA J	Dable
54	IVK22AI031	RAKSHITHA S	Bakonta s
55	1VK22CS063	RANJITHA M L	Rayell
56	1VK22CS064	S RAKESH KUMAR	Palada
57	1VK22CS065	SAGAR KUMAR M R	Lagor
58	1VK22CS066	SANGEETHA C N	2 styre
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63	1VK22CS077	SUPRAJA	5450
64	1VK22CS080	TANUSHREE L	- Cing ha
65	1VK22A1039	TARUN T	Tomm 7
66	1VK22CS082	TEJASWINI M C	Lejaturi
67	1VK22CS084	USAMANASAB	Juanta
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JANATHA EDUCATION SOCIETY ®

VIVEKANANDA INSTITUTE OF TECHNOLOGY, BENGALURU-74 Student List (D SECTION)

SL NO	USN	NAME OF THE STUDENT	SIGNATURE
1	1VK22AI002	AKASH P	ASSEN
2	1VK22CS006	AKSHAY S	Arm
3	1VK22CS007	ALLWYN JOSEPH	R.
4	1VK22CS009	ANJUSHREE J	All
5	1VK22AI004	ANUSHA P JOSHI	- Dru-
6	1VK22CS010	ANUSHA SUBRAMANYA NAIK	Jehren
7	1VK22CS011	ASHLESH V	Soil
8	1VK22AI005	B VARDHAN	Bin
9	1VK22CS012	BALAJI C N	Inda =
10	IVK22CS013	BHAVANA T S	Dhouan
11	IVK22CS015	BIBI HAJIRA M S	Dono
12	IVK22CS018	CHINMAY B M	Thing
13	1VK22CS019	DEEKSHA A G	Deeksha A.G
14	IVK22CS020	DEEKSHA K	Devarajx
15	1VK22AI010	DEVARAJ NINGAPPA	Devaray
16	1VK22CS024	GAGANAKEERTHI G	Cagataks
17	1VK22AI040	H V UMESH	() mesta.
18	IVK22AI014	HEMANTH M	HomathaM
19	1VK22CS029	JAGADISH B S	Class
20	1VK22AI015	JAISURYAA A H	Jaid
21	1VK22CS030	K ARAVIN REDDY	Agrin
22	1VK22CS034	KAVYA MOGER	Lange
23	1VK22AI017	KIRANMALU I	Kiram
24	1VK22AI022	MAHALAKSHMI S	Katylakhu
25	1VK22CS040	MAHESHA R V	Mile
26	1VK22CS025	MANASA H K	Mauasa Ha
27	1VK22CS042	MANASA Y G	Klanesa
28	1VK22CS047	MEGHANA S	Hegen
29	1VK22CS049	NIRANJAN N	Kilma
30	1VK22CS052	P SHYAM KULKARNI	Shigh
31	IVK22AI027	PAVAN M	(tan)
32	1VK22CS053	PRADEEP M	Padeop. M
33	1VK22CS054	PRAJWAL P P	Rajual
34	1VK22CS056	PRATHAM R	Prothamol
35	1VK22AI029	PRUTHVI RAJAN	Pauthvi Rojan
36	IVK22AIO30	RAHUL M	1-0-
37	1VK22CSØ58	RAKSHITHA H E	Ratslitta H.E

			-
38	1VK22CS060	RAKSHITHA M	Charles I
39	1VK22CS061	RAKSHITHA V	Dendohi
40	1VK22CS062	RAMYA NAIK	Lamp
41	1VK22AIO32	RANGALAKSHMI	Ranjalabolu:
42	1VK22AI033	SAGAR B R	Sor
43	1VK22AI034	SAKSHI	pu de
44	1VK22AI035	SHARON SANJANA S	1
45	1VK22AI036	SHIVANI M	Sur .
46	1VK22AI037	SINCHANA K R	Minds
47	1VK22CS070	SNEHA D	Stul
48	1VK22CS071	SOHEL SHAIKH	Solut shills
49	1VK22CS072	SOTTA VEDAMURTHI NAIK	Set Vikely
50	1VK22CS073	SOUNDARYA S	Druisonja
51	1VK22AI038	SOURAV D GOWDA	James
52	1VK22CS068	SRI MADHU N	
53	1VK22CS078	SUPRIYA G R	ingringi G.R
54	1VK22CS079	TANIYA DEEPAK SHET	Taming
55	1VK22CS081	TEJAS REDDY	F740X
56	1VK22CS083	UDAY KRISHNA L V	Uday Kno
57	1VK22AI041	VARNITHA N R	Xaru!
58	1VK22CS085	VARSHITHA B V	Q.
59	1VK22CS086	VARSHITHA R	VARSHITH
60	1VK22CS087	VARUN R	Varue Ko
61	1VK22CS088	VIJAYALAKSHMI	O gold of
62	1VK22CS090	VINAYAK	Vinus -
63	1VK22CS091	VISHAL REDDY	Vishal Reddy
64	1VK22AI042	VISHNU S BHARADWAJ 4	Sun
65	1VK22AI043	VIVEK SHARANAYYA SUGANTH BHAT	くしゃ
66	1VK22CS092	YASEEN MUBARAK LATAKAR	2 seem
67	1VK22CS093	YASHWANTH M	Yashwart. N
68	1VK22CS094	YOGESH GOWDA Y R	Yogest
			0

279



A BOALOGE TO TECHNOLOGE





GUDIMAVU. KUMBALAGODU POST, KENGERI HOBLI BENGALURU website: www.vitb.ac.in Ph: 080-28437696 28437036. Fax 080-28437944 email.vkitprincipal@gmail.com

INSTITUTE INNOVATION COUNCIL (VKIT-IIC)

IIC5.0 (Academic Year 2022-23)

Ref: VKIT/IIC/ /2022-23

Report of Project Exhibition

"Virtu Sync: Virtualizing the IoT Experience"

Semester: SEM-II

Thrust Area: Innovation and Technology

Quarter: 4

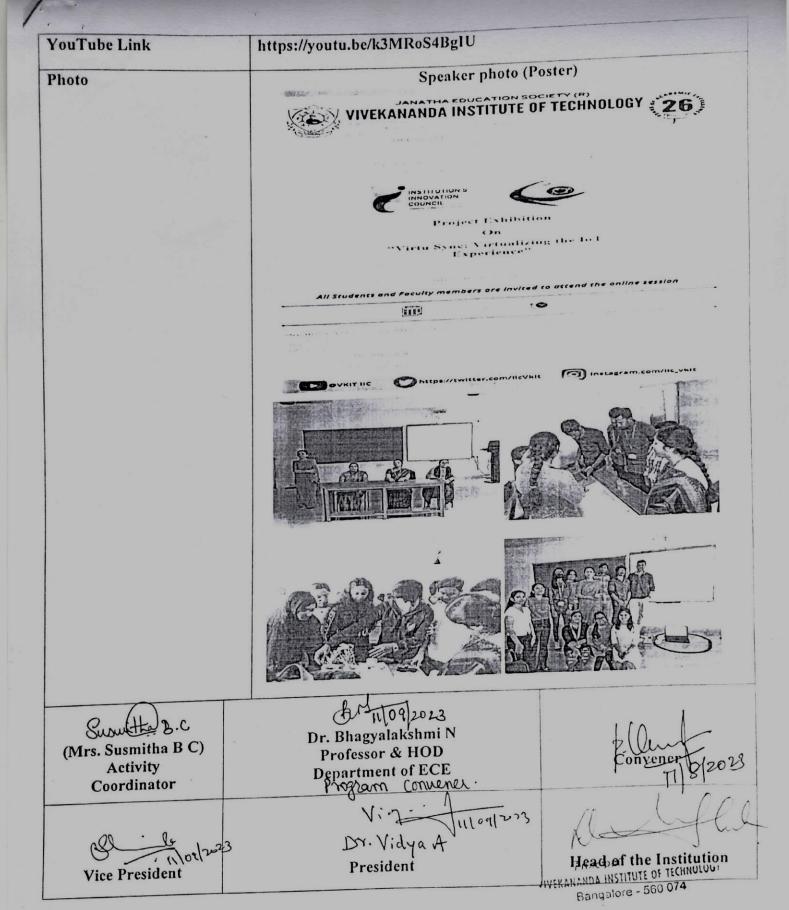
Theme	Design Thinking
Activity Name	"Virtu Sync: Virtualizing the IoT Experience"
Mode of Session delivery	Offline
Date and Time	04/09/2023, 09:30 AM to 12:30M, Half Day
Faculty Coordinator Name	Mrs. Susmitha B C
Student Coordinators Name	AKSHAY MANJUNATH BHAT and ASHLESH V
Mandatory/Elective	Mandatory
No. of students participated	140
Number of Faculty Participants	5
Number of external participants (if any)	0
Expenditure (if any)	2000/-
Objective (100 words)	The main objective of the program was to showcase innovative applications and solutions that leverage IoT technology to address real-world challenges and improve various aspects of our lives. These

,	exhibitions provide a platform for students, professionals, and organizations to demonstrate their creativity and expertise in developing.
	IoT-based systems, devices, and services. They foster knowledge sharing. IoT-based systems, devices, and services. They foster knowledge sharing. inspire collaboration, and promote awareness of the potential benefits and implications of IoT in fields such as healthcare, agriculture. transportation, and more. Ultimately, these exhibitions aim to educate, engage, and inspire attendees while highlighting the transformative power of IoT in our interconnected world.
Benefits interms of learning/Skill/Knowledge obtained (150 words)	 Participants got to learn about Exposure to Emerging Technologies: Participants stay updated on the latest IoT trends, components and platforms keeping their knowledge relevant in a rapidly evolving field. Presentation Skills: Exhibitors improve their ability to communicate complex technical concepts to diverse audiences, enhancing their presentation and public speaking skills. Awareness of real-world Applications: Exhibitors gain insights into how IoT can address real-world problems, making the knowledge obtained more practical and applicable.
Description	Implementing an IoT (Internet of Things) project involves a systematic process of turning a concept into a functional IoT system or solution. Here's a step-by-step description of the IoT project implementation
	 Define Objectives and Requirements: Clearly define the project's goals, objectives, and requirements. Select Hardware and Sensors: Choose appropriate hardware components and sensors based on the project's requirements. This may include microcontrollers (e.g., Arduino, Raspberry Pi). sensors (e.g., temperature, humidity etc), and communication modules (e.g., Wi-Fi, Bluetooth, LoRa). Design the System Architecture: Create a detailed system architecture that outlines how data will be collected, processed. transmitted, and acted upon. Decide on the communication protocols and data storage solutions to be used and so on.
	IoT project implementation can vary greatly in complexity depending on the project's scope and objectives, but a well-structured approach is essential to ensure success and reliability in the IoT ecosystem.

Principal

WIVEKANANDA INSTITUTE OF TECHNOLOGY

Bangalore - 560 074



Principal Principal WYSMANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074

JANATHA EDUCATION SOCIETY 8 VIVEKANANDA INSTITUTE OF TECHNOLOGY, BENGALURU 74 Student List (C Section)

SL NO	USN	NAME OF THE STUDENT	SIGNATUR
1	1VK22CS001	ABDUL SATTAR KHAN	Abbil
2	IVK22C5002	ABHISHEK C	40
3	1VK22CS003	AISHWARYA	A: Alais T
4	IVK22A1001	AKASH G	Av. R.
5	IVK22CS004	AKASH M	9, 1
6	IVK22CS005	AKSHAY MANJUNATH BHA	- At Ilm
7	IVK22CS008	ANJALIM	Clert
8	IVK22A1003	ANUN	70-
9	IVK22A1006	BHOOMIKA R	Dal.
10	IVK22CS014	BHOOMIKA S	(0)
11	1VK22CS016	BINDUNE	2.5
12	1VK22CS017	CHAITANYAC	11:4
13	IVK22AI007	CHAMANS	Time
14	IVK22A1008	CHARISHMA K L	- haling
15	IVK22A1009	CHETHAN D	- (A)
16	IVK22CS021	DEEKSHITHA D A	Chu-
17	1VK22CS022	DEVACHARYA	1
18	IVK22CS023	DIANA WILLIAMS	- Jesus
19	1VK22AI011	DIVYA B A	7
20	IVK22AI012	DIVYA SHREE S	15:496
21	IVK22AI013	GOWTHAMS	de la
22	1VK22CS026	HARSHA K J	Same
23	IVK22CS027	HARSHITH P B	L. OU
24	IVK22CS028	HITHAISHINI G	A Source
25	IVK22CS031	KARANTR	14-
26	IVK22AI016	KARTHIK KUMAR V GUPTA	V. V.
27	IVK22CS032	KAVANA A M	4 argue Ku
28	1VK22CS033	KAVANA S J	1
29	IVK22AI018	KOUSHIK M N	fava-
30	1VK22CS035	KRUTHIKAN	Ki faik N
31	1VK22AI019	KUMARASWAMY N	Kumann
32	1VK22CS036	LAVANYA K M	1/2
33	1VK22A1020	LIKITHA R	124 14 0
34	IVK22AI021	LIKITHASHREE S A	Likether
35	IVK22CS037	M D ABHINAV KARTHIK	AL
36	IVK22CS038	M R POOJA	D.
37	IVK22CS039	MAHALAKSHMI H N	Tonga
38	1VK22CS041	MANASA SANJAY	The state of the s
39	1VK22AI023	MANJULI KUMARI	Mail
	IVK22CS043	MANOJ C	
	1VK22CS044	MANOJ M D	(M) reason
	IVK22CS045	MAYUR GOWDA	Marine
	IVK22CS046	MEDHA SHANKAR BHAT	Mayur your
	IVK22AI024	MOHANGOWDA G R	Nal
	The second secon		

Principal LANDA VIVEKANANDA INSTITUTE OF TECHNOLOGY

Bangalore - 560 074



46	IVK22A1025	NITHIN GOWDA M S	Lindton
47	1VK22CS050	NITHIN RAJ M J	Kywwi.
48	1VK22CS051	NITHYALAKSHMI K	Johnson
49	IVK22AI026	PANCHAMI R	Danchami, R
50	IVK22A1028	PRAJWAL P L	Premal P.L
51	IVK22CS055	PRAKRUTHI K	Drakneli
52	1VK22CS057	RACHANA M R) Cool
53	IVK22CS059	RAKSHITHA J	Dable
54	1VK22AI031	RAKSHITHA S	Bakonta s.
55	IVK22CS063	RANJITHA M L	(Rayetu)
56	1VK22CS064	S RAKESH KUMAR	Kapala
57	1VK22CS065	SAGAR KUMAR M R	Daer
58	IVK22CS066	SANGEETHA C N	ares S
59	1VK22CS067	SHAMBAVI	Shamberi
60	1VK22CS074	SUCHITHRA N P	Control of the state of the sta
61	1VK22CS075	SUHAS REDDY	Feder lus
62	1VK22CS076	SUNIL B	30213
63	1VK22CS077	SUPRAJA	Surtia
64	1VK22CS080	TANUSHREE L	Town In
65	IVK22AI039	TARUN T	(may 7)
66	1VK22CS082	TEJASWINI M C	Lejaturi n
67	1VK22CS084	USAMANASAB	Johnson & B.
68	1VK22CS089	VIKASSM	Aus
69	1VK22AI044	VIVEK SHIVAKUMAR	Xivec .
70	IVK22AI045	YASFFEN FATHIMA	Yastla -

Vivekananda Institute of Tschnology Gudimavu, Kumbalagodu, Kengeri Hoti. BANGALORE - 560 074.

JANATHA EDUCATION SOCIETY ®

VIVEKANANDA INSTITUTE OF TECHNOLOGY, BENGALURU-74 Student List (D SECTION)

SL NO	USN	NAME OF THE STUDENT	SIGNATURE
1	1VK22AI002	AKASH P	4860
2	1VK22CS006	AKSHAY S	Am
3	1VK22CS007	ALLWYN JOSEPH	Q
4	1VK22CS009	ANJUSHREE J	Pl
5	1VK22AI004	ANUSHA P JOSHI	- Donn
6	1VK22CS010	ANUSHA SUBRAMANYA NAIK	Henri
7	1VK22CS011	ASHLESH V	Sail
8	1VK22AI005	B VARDHAN	Biss
9	1VK22CS012	BALAJI C N	Sola =
10	1VK22CS013	BHAVANA T S	Droum
11	1VK22CS015	BIBI HAJIRA M S	Rouc
12	1VK22CS018	CHINMAY B M	Thing
13	1VK22CS019	DEEKSHA A G	Deckisha A.G
14	1VK22CS020	DEEKSHA K	Devaraj X
15	1VK22AI010	DEVARAJ NINGAPPA	Lotevaray
16	1VK22CS024	GAGANAKEERTHI G	agazska
17	1VK22AI040	H V UMESH	() nesta-
18	1VK22AI014	HEMANTH M	Howather
19	1VK22CS029	JAGADISH B S	Class
20	1VK22AI015	JAISURYAA A H	Jaid
21	1VK22CS030	K ARAVIN REDDY	Arrin
22	1VK22CS034	KAVYA MOGER	Lang
23	1VK22AI017	KIRANMAI U I	Kram
24	1VK22AI022	MAHALAKSHMI S	Habilakeh
25	1VK22CS040	MAHESHA R V	Mlen
26	1VK22CS025	MANASA H K	Managa +
27	1VK22CS042	MANASA Y G	Manesa
28	1VK22CS047	MEGHANA S	Hedin
29	1VK22CS049	NIRANJAN N	K. Lina
30	1VK22CS052	P SHYAM KULKARNI	- Juan
31	1VK22AI027	PAVAN M	Par
32	1VK22CS053	PRADEEP M	Badeep. 1
33	1VK22CS054	PRAJWAL P P	Rainel
34	1VK22CS056	PRATHAM R	Prathamos
35	1VK22AI029	PRUTHVI RAJAN	Pauthvi Roje
36	1VK22AIO30	RAHUL M	Dinning
37	1VK22CS058	RAKSHITHA H E	Ratshitta H.

VIVEKANANDA INSTITUTE OF TECHNOLOGY
Bangalore - 560 074

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGG

1

E-Class Room 303



DEPARTMENT OF COMPUTER SCIENCE ENGG

1 E-Class Room



2 Edusat Room



PROMPT COMPUSOLUTIONS PVT LTD #S-9 ,11/3, Wilson Manor Apts, 13th Cross, Wilson Garden,

Bangalore - 560027 GSTIN/UIN: 29AAICP1103E1ZT State Name: Karnataka, Code: 29

E-Mail: info@pcspl.org

M/S.VIVEKANANDA INSTITUTE OF TECHNOLOGY

Gudimavu ,Kengeri Hobli,Kumbalagodu post, Bangalore-560074

Tel:080-28437696 / 9449631535 State Name : Karnataka, Code : 29

Invoice No. PCSPL/GST/0361/2020-21	Dated 12-Oct-2020		
Delivery Note	Mode/Terms of Payment		
Supplier's Ref. PCSPL/GST/0361/2020-21	Other Reference(s)		
JES/352/20-21	Dated 8 Oct 2005		
Despatch Document No. 0361	8-Oct-2020 Delivery Note Date		
Despatched through Guru	Destination Kengeri		

No. Description of Goods	HSN/SA	CLOuse	-			
1 Epson Projector EB-X05	NOIVOA	C Quantity	Rate	per	Disc. %	Amount
2 PROJECTOR SCREEN 8 X 6 W/M Logic CEILING WALL MOUNT KIT	8528 9010600 8302	1 No 1 No 1 No	6,950.00	No		25,990. 6,950.
Ou	TPUT SGST @9%		1,=00.00	INO		1,200. (
out	TPUTCGST@9% TPUTSGST@14% TPUTCGST@14% Rounded Off		9	% % %		733.8 733.8 3,638.6 3,638.6 (-)0.2
**						
				j		
ount Chargeable (in words)	Total	3 No				

INR Forty Two Thousand Eight Hundred Eighty Four Only

E. & O.E HSN/SAC Taxable Central Tax 8528 State Tax Value Rate Total 90106000 Amount Rate Amount 25,990.00 Tax Amount 14% 3,638.60 8302 14% 6,950.00 3,638.60 7,277.20 9% 625.50 9% 1,200.00 625.50 9% 1,251.00 108.00 Total 108.00 34,140.00 216.00 4,372.10 8,744.20

Tax Amount (in words): INR Eight Thousand Seven Hundred Forty Four and Twenty paise Only:

1. Cheque returns will attract penalty of Rs.500/

2. Goods sold once cannot be taken back/ exchanged

No warranty on physical damage / Burnt & track cut
 tem carries Manufaturer warranty

5. Payment should be made immediately by cheque / PDC otherwise 21% annum will be charged

Company's Bank Details

Bank Name : The Shamrao Vithal Co- Operative Bank Ltd A/c No.

: 115504180000333

Branch & IFS Code: Nagarbhavi & SVCB0000185

for PROMPT COMPUSOLUTIONS PVT/LTD

This is a Computer Generated Invoice

287

Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074

rised Signalo

TAX INVOICE

NIRMAL INFOTECH PVT. LTD.	
No.1297, 1st Floor, 30th Main Road,	
BSK 2nd Stage, BANGALORE-56007	0
Phone: 080-26718333, 26718444	
CIN: U72900KA1998PTC023260	
E-Mail:karanth@nirmalinfotech.com	•

Consignee

Vivekananda Institute of Technology

Gudimavu, Kumbalagodu Post, Kengeri Hobli, Bangalore- 560074

Ph 080-28437696/28437036 Contact person: Naveen

Buyer (if other than consignee)

Vivekananda Institute of Technology

Gudimavu, Kumbalagodu Post, Kengeri Hobli, Bangalore- 560074 Ph 080-28437696/28437036

Taveca - 9343208108

Invoice No. e-Sugam No	Dated
NIPL/INV/0186/2015-16	23-Sep-2015
Delivery Note	Mode/Terms of Payment
Supplier's Ref.	Other Reference(s)
Buyer's Order No.	Dated
2015-16/823	29-Aug-2015
Despatch Document No.	Dated
Despatched through	Destination
Terms of Dolivon	

SI No.		of Goods		Quantity	Rate	per	Amount
1	Epson Projector X18 X18,3000 Ansi Lum,1000:1 Contrast Ratio 6000 Hours Lamp Life in Eco Mode Aspect Ratio 4:3 Resolution 1024x768(XGA) USB USB A Type , USB BType S Video, VGA, HDMI SN: V9KK5400823			1 Nos	38,578.00	Nos	38,578.00
			Out Put Vat @ 5.5% Round Off		5.50	%	2,121.79 0.21
					9 11 A		
			Total	1 Nos			₹ 40,700.00

Amount Chargeable (in words)

Indian Rupees Forty Thousand Seven Hundred Only

Company's VAT TIN Company's CST No.

: 29730403761 : 29730403761 Company's Service Tax No.: AABCN5363RST001

Buyer's CST No. Company's PAN

: 29000000000 : AABCN5363R

Declaration

1. Payment should be made as per the payment terms in the purchase order on delivery other wise penal interest @24% p.a. will be payable on payment beyond due date. 2. All disputes subject to Bangalore Jurisdiction. 3. Warranty on all products is as per manufacturer's policy. 4. No burnt, physical damage and rat bitten cases would be entertained. 6. Penalty for cheque bounce is Rs.300/- and 24% penal interest will be payable on bounced cheque amount from date of bounce to date of realisation.

Principal

VIVEKANANDA INSTITUTE OF TECHNOLOGY

Bangalore - 560 074

for NIRMAL INFOTECH PVT. LTD.

288

Authorised Signatory

E. & O.E



TECHNOLOGIES

TAX INVOICE CUM DELIVERY CHALLAN

(Original)

ESHAMOUNT TECHNOLOGIES

No. 59, 1st Floor, 3rd Cross, RBI Colony. 3rd Block East,

Srd Block E231, Jayanagar, Bangalore 560 011 Contact :+91 80 32979328 / 26640101,+91 9902261880 E-Mail :info@eshamount.com

Principal

Vivekananda Institute Of Technology

Gudimavu, Kengeri Hobli

Kumbalgudu Post Bangalore - 560 074

Invoice No.	e-Sugam No.	Dated
0203	15240061153	9-Apr-2015
Delivery Note		Mode/Terms of Payment
0203		Against Delivery
Supplier's Ref		Other Reference(s)
Buyer's Order	No.	Dated
VKIT/PO/201	5-16/1636	11-Mar-2015
Despatch Docum	ment No.	Dated
		9-Apr-2015
Despatched thro	ough	Destination
Basavaraj		Bangalore

Terms of Delivery

SI No.	Description of Goods	VAT %	Quantity	Rate	per	Amount
1	Epson Projector X18 3000 Ansi Lum 1000:1 Contrast Ratio 6000 Hours Lamp Life in Eco Mode Aspect Ratio 4:3	5.50	2 Nos.	40,000.00	Nos.	80,000.00
	Resolution 1024 X 768 (XGA) USB, USB A Type, USB B Type S Video, VGA, HDMI					
	Output Vat @ 5.5%			5.50	%	4,400.00
1	Total	+	2 Nos.			₹ 84,400.00

Amount Chargeable (in words)

INR Eighty Four Thousand Four Hundred Only

VAT Amount (in words)

INR Four Thousand Four Hundred Only (₹ 4,400.00)

E. & O.E

VAT % Assessable Value VAT Amount 5.50 % 80,000.00 4,400.00

Remarks:

Goods Once sold cannot be taken back or exchanged, Interest @ 24 % P/A will be charged if bill is not settled within 30 days

Company's VAT TIN

: 29440709519

Company's Service Tax No.: AACFE2313EST001

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Date & Time

: 9-Apr-2015 at 13:56

Company's Bank Details

Bank Name

Canara Bank

A/c No.

0408261011052

Branch & IFS Code: Jayanagara Shopping Complex & CNRB0000408

for ESHAMOUNT TECHNOLOGIES

Authorised Signatory

SUBJECT TO BANGALORE CITY JURISDICTION

Receivser's Signature & Stamp

Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074

289



TAX INVOICE

M/s Nisarga Infotech #697, 'Nisarga' 1st B Main Road 7th Block, 2nd Phase, BSK 3rd Stage Bangalore

Consignee

Head of the Department Dept of Electronics & Communication VIT Gudimavu Kumbalagodu

Kengeri Hobli Bangalore

Buyer (if other than consignee)

The Principal

Vivekanda Institute of Technology

Gudimavu Kumbalagodu

Kengeri Hobli

Invoice No

38

Delivery Note

Supplier's Ref.

28-Jan-2014

Dated

Mode/Terms of Payment

Other Reference(s)

Buyer's Order No.

Dated

VKIT/PO/e-CLASSRROM/2013-14/1281 12-Dec-2013 Despatch Document No.

Dated

28-Jan-2014 Destination

Bangalore

Terms of Delivery **Against Delivery**

Despatched through

= 5 cogan - 11 458728190

Bangalore					
Description of Goods		Quantity	Rate	per	Amount
hart Board - SB480		2 Nos	55,000 00	Nos	1,10,000.00
Hitachi Multimedia Projector - CPA 222		2 Nos	72,000.00	Nos	1,44,000.00
1. F3HH01290 2. F3HH01307					
1 YEAR WARRANTY Wall Mount		2 Nos	15,000 00		30,000.00
E-Podium -Lectron		2 Nos	42,000.00	Nos	84,000.00
1 B1212291030020028 2 B1205030168010015			25		
1YEAR WARRANTY installation Charge Towards		2 Nos	1,000.00	Nos	2,000.00
mstanation ondige remarks					3,70,000,00
	Output Vat-14.5% Output Vat-5.5%		14 50 5 50		37,410.00 6,050.00

Total

10 Nos

4.13,460.00

E. 80 E

ount Chargeable (in words)

Rs. Four Lakh Thirteen Thousand Four Hundred Sixty Only

Company's VAT TIN

29660221585

Molly . son

Company's Service Tax No.: (MRS)/ABCPN5667KST001

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

This is a Computer Generated Invoice

Principal

VIVERANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074

290

TL INFOSYSTEMS LTD.

Pre-Authenticated

Authorised Signatory

FAKIRCHAND MANILAL MEHTA (HUF)

Date & Time 31 -03 - 2012 & 17: 14 me of removal

31.03.2012

H WAHAN GODOWN

Reference Document No. 362503344

voice No. 6362502719

ARKHEJ BAVLA ROAD, SARKHEJ AHEMDABAO - 382210 . India Date of removal

STC No MAACH2420CST01026.07, 1994

PAN No AAACH7420C

OA-AO -BANGALORE

Booking region Installation region

QTY

Waybill Nc. GR No.

Contact Pers

BOX QTY WEIGHT (Kg) INVOICE

Sale Order Ref. 2100053720 / 1000140388 VKIT/PUR/UPS/2011-12 Transporter Name 30.03.2012.

Mode of TransportRoad

7000052765 100% on 7 Days after Install.

1200 /

Road Permit

Doc sale office

DOD/COD Terms INVOICE TO

Goods Issue Date

Customer Po No.

Customer Code

Payment Terms

PO Date

VIVEKANANDA INSTITUTE OF TECHNOLOGY .GUDIVAMU VILLAGE, KENGERI,,HOBLI, KUMBLAGOUDU POST, BANGALORE 560066,Karnataka,

CONSIGNEE NAME & ADDRESS

VIVEKANANDA INSTITUTE OF TECHNOLOGY GUDIVAMU VILLAGE, KENGERI, HUBLI, KUF

POST, BANGALORE 560066, Karnataka,

CST NO / TIN No

TIN No

CST NO / TIN NO	DESCRIPTION & SPECIFICATION	UNIT	CATE- GORY	QIY	BOX QTT	WEIGHT (ING)	(In Rs
CP-X3021WN F11E02877	HITACHI PROJECTOR CP~X3021WN F1LE02880 F1LE02910 F1LE02854		T1	5	5	60.0	
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GORY	Hardware & other goods (Rs.)	Software (Rs.)	(B)	Services (Rs.)	©	TOTAL (Rs.) (D)		Sales Tax/VAT	Service Tax (Rs.)	CESS (Rs.)	Grand Total (Rs.)
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Against Form

Total Invoice Value:(Words)_{One Lakh Eighty Nine Thousand Rupeas Only}

Principal '

10

TOTAL

HCL INF

70.00

TOTAL

Special Terms:

WIVEKANANDA INSTITUTE OF TECHNOLOGY

PLEASE QUOTE OUR INVOICE NUMBER AT THE TIME OF PAYMENT by Choque /Draft in lavour of HCL RECENSED IN 1974 SUBJECT TO TERMS AND CONDITIONS OVERLEAF 291

Goods covered under this invoice/challan must be examined & ventied by the consigner for quantity, Transit Damage, Figge 1 of 1 Received the above goods in good or condition of packages & shortage if any, and incase the package is delivered in damage condition or with the seal broken or missing or with seal other than as stated in the shipping documents or any shortage than it should be carrier (GR) or any such carrier documents and also informed to the nearest HCL office immediately

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VKIT ONLINE TEACHING REPORT

With



INTEGRATED Teaching - Learning Platform 292







ONLINE TEACHING using QUIKLRN

- VKIT is using cloud-based teaching

 learning QUIKLRN Platform, to
 engage with the students.
- ~ 80% of the students were active on the QUIKLRN platform at any instant.
- All the course sessions are delivered using virtual classroom remotely.
- Each section/department has dedicated and coordinated time slots for the virtual classrooms.



Tracking Stud	ents Onlin	e (As on 14	/04/2020)	
Section	Active	Not Active	Total	%
1Y - 2Sem-Section A	18	11	29	
1Y - 2Sem-Section B	23	6	29	C00/
1Y - 2Sem-Section C	16	9	25	69%
1Y - 2Sem-Section D	20	8	28	
First Year Total	77	34	111	
CS - CS-4Sem Section A	23	2	25	
CS - CS-4Sem Section B	30	3	33	
CS - CS-6Sem Section A	34	3	37	900/
CS - CS-6Sem Section B	36	2	38	89%
CS - CS-8Sem Section A	29	2	31	
CS - CS-8Sem Section B	25	10	35	
CS Total	177	22	199	
CV - CV-4Sem	22	0	22	
CV - CV-6Sem	27	4	31	77%
CV - CV-8Sem	16	15	31	
CV Total	65	19	84	
EC - EC-4Sem	14	4	18	
EC - EC-6Sem	47	3	50	83%
EC - EC-8Sem	26	11	37	
EC Total	87	18	105	
IS - IS-4Sem	8	1	9	
IS - IS-6Sem	25	1	26	92%
IS - IS-8Sem	21	3	24	
IS Total	54	5	59	
ME - ME-4Sem	20	1	21	
ME - ME-6Sem	31	1	32	66%
ME - ME-8Sem	6	28	34	
ME Total	57	30	87	
VKIT TOTAL	517	128	645	80%





ONLINE READING of Digital Course Material and Video Courses.

- Students have clocked ~ 1200 hours (1228.49 hrs) of online reading on the QUIKLRN PLATFORM.
- Every department has shared learning material - lecture notes, solved problems, question bank on the Quiklrn platform.
- Assignment are provided on the platform, which students submit online.

ONLINE ENGAGEMENT (READING HOURS)

CITETIVE ENGINEERING	teribino no ono,
Section	Time Spent(hrs)
1Y - 2Sem-Section A	18.94
1Y - 2Sem-Section B	93.04
1Y - 2Sem-Section C	8.86
1Y - 2Sem-Section D	15.21
First YEAR - TOTAL	136.05
CS - CS-4Sem Section A	22.34
CS - CS-4Sem Section B	120.34
CS - CS-6Sem Section A	44.83
CS - CS-6Sem Section B	20.06
CS - CS-8Sem Section A	1.53
CS - CS-8Sem Section B	1.70
CS - TOTAL	210.80
CV - CV-4Sem	173.25
CV - CV-6Sem	239.39
CV - CV-8Sem	30.32
CV - TOTAL	442.96
EC - EC-4Sem	5.94
EC - EC-6Sem	110.39
EC - EC-8Sem	2.11
EC - TOTAL	118.44
IS - IS-4Sem	43.12
IS - IS-6Sem	51.50
IS - IS-8Sem	10.51
IS - TOTAL	105.13
ME - ME-4Sem	80.04
ME - ME-6Sem	128.59
ME - ME-8Sem	6.48
ME - TOTAL	215.11
VKIT TOTAL (hrs)	1228.49
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Bangalore - 560 074



First Year ONLINE READING (1/2)



	ONLINE R		TAILED MOI	DULEWISE	
section	book	Time(hrs)	RY CYCLE section	book	Time(hrs)
30001011	Advanced Calculus and Numerical M		300011	Advance Calculus and Numerical met	
1Y - 2Sem- (Section A (Advanced Calculus and Numerical M			Advanced Calculus and Numerical M	
	Basic Electronics Mod 1	1.39		Advanced Calculus and Numerical M	
	Basic electronics -Module 1	2.18		Advanced Calculus and Numerical M	
	Basic Electronics- Module 3	0.08		Advanced Calculus and Numerical M	
	Basic Electronics- Module 4	0.22		Advanced Calculus and Numerical M	
	Basic electronics -Module 5	0.00		Basic Electrical Engineering- Module	0.00
	C programming for problem solving -	0.88		Basic Electronics Mod 1	2.50
	C programming for problem solving -	0.52		Basic electronics -Module 1	3.63
	C programming for problem solving -	0.04		Basic Electronics- Module 3	0.13
1Y - 2Sem	C programming for problem solving (0.00		Basic electronics -Module 5	0.15
	C programming for problem solving-	0.00		C Programming & Data Structures (Vi	0.44
	C Programming- Module 1-3	0.01		C programming for problem solving -	
	Computer Aided Engineering Drawin	0.00		C programming for problem solving -	1.85
	Design Of Prestressed Concrete Elem		1Y - 2Sem	C programming for problem solving -	0.13
	Elements of Mechanical Engineering	0.12		C programming for problem solving (0.08
	Elements of Mechanical Engineering	0.02		C programming for problem solving-	0.01
	Elements of Mechanical Engineering	4.45		C Programming- Module 1-3	5.04
	Engineering Chemistry- Previous Yea	0.00		ccp lab manual	0.06
	Engineering Chemistry-Notes All Mod	1.73		Core Science - Engineering Chemistry	0.01
	Engineering Mathematics (Video Cou	0.01		cps solution DEC-19	5.91
	System Simulation and Modeling - Sc	0.01		Elements of Mechanical Engineering	0.00
1Y - 2Sem	-Section A Total	18.94		Elements of Mechanical Engineering	0.91
				Elements of Mechanical Engineering	9.79
				Engineering Chemistry- Previous Yea	0.01
	() () () () () () () ()			Engineering Chemistry- QP and Sol.	0.03
	Koerga 2x/12/			Engineering Chemistry-Notes All Mod	36.00
	VIVEKANANDA INSTITUTE OF TECHNOLOGY			Engineering Physics- Module 1-5	0.07
	Bangalore - 560 074			MATH: P-2 Linear Algebra (e-PGP) (Vi	0.00
	2			System Simulation and Modeling - So	0.08
2	95		1Y - 2Sem	-Section B Total	93.04





First Year Online Reading (2/2)

	ONLINE READING DETAILED MODULEWISE									
		PHYSIC	S CYCLE							
section	book	Time(hrs)	section	book	Time(hrs)					
	Advance Calculus and Numerical met	0.11		Advanced Calculus and Numerical M	4.06					
	Advanced Calculus and Numerical M	1.01		Advanced Calculus and Numerical M	0.26					
	Advanced Calculus and Numerical M	0.01		Advanced Calculus and Numerical M	0.00					
	Advanced Calculus and Numerical M	0.00		Advanced Calculus and Numerical M	0.00					
	Advanced Calculus and Numerical M	0.00		Advanced Calculus and Numerical M	0.01					
	Advanced Calculus and Numerical M	1.82		Basic Electrical Engineering- Module	2.54					
	Basic Electrical Engineering- Module	0.09		Basic Electrical Engineering- Module	0.09					
1Y - 2Sem	Basic Electrical Engineering- Module	1.38	1Y - 2Sem	Basic Electrical Engineering- Module	0.02					
Section C	Basic Electrical Engineering- Module	0.01	Section D	Computer Aided Engineering Drawin	0.40					
	Computer Aided Engineering Drawin	0.93	Section D	Elements of Civil Engineering - Modu	0.55					
	Elements of Civil Engineering and Me	2.63		Elements of Civil Engineering and Me	5.66					
	Elements of Civil Engineering and Me	0.30		Elements of Civil Engineering and Me	0.23					
	Elements of Civil Engineering and Me	0.02		Elements of Civil Engineering and Me	1.11					
	Engineering Physics (Video Course)	0.00		Elements of Civil Engineering and Me	0.01					
	Engineering Physics- Module 1	0.01		Elements of Civil Engineering and Me	0.01					
	Engineering Physics- Module 1-5	0.53		Engineering Physics- Module 1	0.00					
1Y - 2Sem	-Section C Total	8.86		Engineering Physics- Module 1-5	0.25					
			1Y - 2Sem	-Section D Total	15.21					





	ONLINE	READING DE	ETAILED MOD	ULEWISE	
		CS-4	4-SEM		
section	book	Time hrs	section	book	Time hrs
	Analysis Of Determinate Structures -	0.00		Big data analytics	0.01
	Big Data Analytics - Module 3	0.00		Complex Analysis, Probability and Sta	3.89
	Complex Analysis, Probability and Sta	0.02		Complex Analysis, Probability and Sta	2.15
	Complex Analysis, Probability and Sta	0.00		Complex Analysis, Probability and Sta	3.66
	Complex Analysis, Probability and Sta	0.00		Data Communication - Module 1	84.10
	Data Communication - Module 1	2.82		Data Communication - Module 2	1.26
	Data Communication - Module 2	2.94	CS - CS-	DESIGN AND ANALYSIS OF ALGORITH	4.55
	DESIGN AND ANALYSIS OF ALGORITH	2.44	4Sem	Microcontroller and Embedded Syste	2.46
	Microcontroller & Embedded System	0.04	Section B	Microcontroller And Embedded Syste	0.09
CS - CS-	Microcontroller and Embedded Syste	0.02	Section B	OBJECT ORIENTED CENCEPT (18CS45	0.00
4Sem	Microcontroller and Embedded Syste	0.43		Operating System - Textbook	0.06
Section A	Microcontroller and Embedded Syste	0.05		Operating System (18CS43) -Module	15.44
Section A	Microcontroller and Embedded Syste	0.00		Operating System- Module 2	0.02
	Microcontroller and Embedded Syste	0.00		Operating System(18CS43)	2.54
	Microcontroller And Embedded Syste	0.68		The Java: Complete Reference	0.11
	Operating System - Textbook	0.07		(blank)	0.01
	Operating System (18CS43) -Module	0.00	CS - CS-4S	em Section B Total	120.34
	Operating System (Video Course)	0.02			
	Operating System(18CS43)	11.25			
	Operating Systems - Module 1	1.53			
	The Java: Complete Reference	0.01			
	(blank)	0.01			
CS - CS-4S	em Section A Total	22.34			



Computer Science (CS) Department (1/3)





	ONLINE R	EADING D	ET/	AILED MOD	ULEWISE						
	CS-6-SEM										
section	book	Time hrs		section	book	Time hrs					
	Application Programming in Python r	21.40	21.40		Application Programming in Python r	3.35					
	Computer - Cryptography and Netwo	0.01			Computer - Cryptography and Netwo	0.02					
	Computer Graphics & Visualization (:	13.46			Computer Graphics & Visualization (:	0.42					
	Cryptography, Network Security and	0.40			Computer Integrated Manufacturing	0.00					
	Data mining & Data Warehousing - N	0.14			Cryptography, Network Security and	6.11					
CS - CS-	Data mining & Data Warehousing - N	0.00			Data mining & Data Warehousing - N	0.01					
6Sem	Data Mining and Knowledge Discover	0.00		CS - CS-	Data Mining and Warehousing	5.70					
Section A	Data Mining and Warehousing	6.69		6Sem	Operating System - Textbook	0.53					
	Data mining IA Question bank	0.03		Section B	Operating System (18CS43) -Module	0.00					
	Datamining and Datawarehousing no	0.22		Section B	Operating System(18CS43)	0.47					
	Operating System - Textbook	0.08			Operating Systems - Module 1	1.69					
	SYSTEM SOFTWARE AND COMPILER I	0.66			Software testing - Module 1	0.09					
	SYSTEM SOFTWARE AND COMPILER I	1.74			SYSTEM SOFTWARE & COMPILER DES	0.95					
CS - CS-6S	em Section A Total	44.83			SYSTEM SOFTWARE AND COMPILER I	0.13					
					SYSTEM SOFTWARE AND COMPILER I	0.54					
					(blank)	0.05					
				CS - CS-6S	em Section B Total	20.06					



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Computer Science (CS) Department (2/3)



	ONLINE READING DETAILED MODULEWISE									
	CS - 8-SEM									
section	book	Time hrs		section	book	Time hrs				
	1st internal question bank	0.00			1st internal question bank	0.12				
	Big data analytics	0.97			Big data analytics	0.40				
CS - CS-	Internet of Things	0.01		CS - CS- 8Sem	cps solution DEC-19	0.06				
8Sem	Internet of Things and Applications -	0.51			Internet of Things	1.06				
Section A	IOT IA Question bank	0.00			Internet of Things and Applications -	0.00				
Section A	System Modeling and Simulation	0.03		Section B	System Modeling and Simulation	0.00				
	System Simulation and Modeling - M	0.00			System Simulation and Modeling - M	0.01				
	System Simulation and Modeling - Sc	0.01			System Simulation and Modeling - So	0.04				
CS - CS-8S	em Section A Total	1.53		CS - CS-8S	em Section B Total	1.70				



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Computer Science (CS) Department (3/3)



Information Science (IS) Department



ONLINE READING DETAILED MODULEWISE			ONLINE READING DETAILED MODULEWISE			ONLINE READING DETAILED MODULEWISE		
	IS-4-SEM			IS-6-SEM	IS-8-SEM			
section	book	Time (hrs)	section	book	Γime (hrs)	section	book	Time (hrs)
	Complex Analysis, Probability and Sta	2.10		Application Programming in Python r	0.51		Big Data Analytics - Module 3	0.25
	Complex Analysis, Probability and Sta	0.00		Application Programming in Python r	0.33		Internet of Things and Applications -	0.23
	Complex Analysis, Probability and Sta	0.03		Application Programming in Python r	0.11	IS - IS- 8Sem	Internet of things and applications -	3.94
	Cryptography, Network Security and	0.53		Application Programming in Python r	0.00		Internet of things and applications -	0.00
	Data Communication - Module 1	1.96		Application Programming in Python s	0.00		Internet of things and applications -	0.04
	Data Communication - Module 2	25.38		Big Data Analytics - Module 3	0.00		IOT IA Question bank	3.44
IS - IS-	Data mining & Data Warehousing - N	0.03		Cryptography, Network Security and	12.42		System Simulation and Modeling - M	2.60
4Sem	Microcontroller & Embedded System	0.00		Data mining & Data Warehousing - N	6.32	IS - IS-8Se	em Total	10.51
	Microcontroller and Embedded Syste	11.13		Data mining & Data Warehousing - N	1.67			
	Microcontroller and Embedded Syste	0.15		Data mining & Data Warehousing - N	0.33			
	Microcontroller and Embedded Syste	1.35		Data mining IA Question bank	7.78			
	Object Oriented Concepts - Module 1	0.45		File structures - Module 1	0.99			
	Operating Systems - Module 1	0.01	IS - IS-	IOT IA Question bank	0.01			
	python programs	0.00	15 - 15- 6Sem	module1 qb	5.98			
IS - IS-4S	em Total	43.12		module2 qb	0.47			
				Operating Systems - Module 1	0.03			
				python unit3 video	1.40			
				python model qp 1	0.04			
				python model qp2	0.00			
				python module notes	0.11			
				Python Notes for Professionals	0.07			
				python programs	0.79			
				python QuestionBank-All Modules	0.32			
				pythonIrn	4.50			
				Software testing - Module 1	7.03			
				Software testing - Module 2	0.23			
				System Simulation and Modeling - M	0.04			
			IS - IS-6S	em Total	51.50			





Electronics & Communication (EC) Department



EC-4-SEM				ONLINE READING DETAILED MODULEWISE			ONLINE READING DETAILED MODULEWISE			
EC-4-SEM			EC-6-SEM			EC-8-SEM				
ok	Time (hrs)	section	book	Time (hrs)	section	book T	ime (hrs)			
alog Circuits - Module 1	2.21		BASIC VLSI (Video Course)	0.39		Fiber Optics & Networks - Module 1	0.17			
alog Circuits - Module 2	0.00		Computer Communication Networks	77.38	EC - EC- 8Sem	Micro Electro Mechanical Systems - N	0.08			
alog Circuits - Module 3	0.00		Computer Integrated Manufacturing	0.00		MIT RES.6-008 Digital Signal Processi	0.00			
nplex Analysis, Probability and Sta	0.48		Computer Networks (Video Course)	0.04		Operation Research - Module 1	0.01			
nstitution of India, Professional Et	0.05		Data Communication - Module 1	0.33		Wireless Cellular and LTE 4GBroadba	1.84			
nals & Systems - Module 1	1.54		Design of Machine Elements II - Mod	0.01	EC - EC-89	Sem Total	2.11			
nals & Systems - Module 2	1.66		Digital Communication	0.01						
nals & Systems - Module 3	0.01		Digital Communication - Module 1	0.29						
nals and Systems - Reference Boo	0.00		Digital Communication - Module 3	0.02						
Total	5.94		Digital Communication - Module 4	0.02						
			Digital Communication - Module 5	0.00						
			Digital Communication Text Book	1.21						
			DIGITAL DESIGN THROUGH VERILOG	0.01						
			Digital Switching System - Module 1	17.34						
			Digital Switching System - Module 2	0.71						
			Digital Switching System - Module 3	0.00						
			Digital Switching System - Module 4	0.00						
			Digital Switching System - Module 5	0.00						
		EC - EC-	Electronics - Advanced VLSI Design (V	0.22						
		6Sem	Electronics - Digital Communication (0.01						
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		EC - EC-6								
			bsem	Electronics - Digital VLSI System Desig Microcontroller and Embedded Syste Microcontroller and Embedded Syste Microcontroller and Embedded Syste Microcontroller and Embedded Syste	Electronics - Digital VLSI System Desig 0.03 Microcontroller and Embedded Syste 0.19 Microcontroller and Embedded Syste 0.18 Microcontroller and Embedded Syste 0.17 Microcontroller and Embedded Syste 0.86 Microcontroller and Embedded Syste 0.03 Microcontroller and Embedded Syste 0.00 Microcontroller and Embedded Syste 0.00 Microcontroller And Embedded Syste 0.00 Operating System - Textbook 0.00 Question Bank/Assignment Question 0.87 Signals & Systems - Module 1 0.03 SYSTEM SOFTWARE AND COMPILER 1 0.03 VLSI 0.04 VLSI Design 0.00 VLSI Design 1.7EC63) - Module 2 QB 0.50 VLSI Design(17EC63)- Module 1 Note 3.59 VLSI Design(17EC63)- Module 2 Note 5.72	Electronics - Digital VLSI System Desig 0.03 Microcontroller and Embedded Syste 0.19 Microcontroller and Embedded Syste 0.18 Microcontroller and Embedded Syste 0.17 Microcontroller and Embedded Syste 0.86 Microcontroller and Embedded Syste 0.86 Microcontroller and Embedded Syste 0.03 Microcontroller and Embedded Syste 0.00 Microcontroller and Embedded Syste 0.00 Operating System - Textbook 0.00 Question Bank/Assignment Question 0.87 Signals & Systems - Module 1 0.03 SYSTEM SOFTWARE AND COMPILER I 0.03 VLSI 0.04 VLSI Design 0.00 VLSI Design(17EC63) - Module 2 QB 0.50 VLSI Design(17EC63) - Module 1 Note 3.59 VLSI Design(17EC63) - Module 2 Note 5.72	Electronics - Digital VLSI System Desig 0.03 Microcontroller and Embedded Syste 0.19 Microcontroller and Embedded Syste 0.18 Microcontroller and Embedded Syste 0.17 Microcontroller and Embedded Syste 0.86 Microcontroller and Embedded Syste 0.03 Microcontroller and Embedded Syste 0.00 Operating System - Textbook 0.00 Question Bank/Assignment Question 0.87 Signals & Systems - Module 1 0.03 SYSTEM SOFTWARE AND COMPILER I 0.03 VLSI 0.04 VLSI Design 0.00 VLSI Design 0.00 VLSI Design(17EC63) - Module 2 QB 0.50 VLSI Design(17EC63)- Module 1 Note 3.59 VLSI Design(17EC63)- Module 2 Note 5.72			







Mechanical Engineering (ME) Department

ONLINE READING DETAILED MODULEWISE ME-4-SEM			ONLINE READING DETAILED MODULEWISE ME-6-SEM			ONLINE READING DETAILED MODULEWISE ME-8-SEM		
	Analysis Of Determinate Structures -	2.26	ME - ME- 6Sem	Computer Integrated Manufacturing	1.40		Additive Manufacture - GE Best Pract	1.29
	Complex Analysis, Probability and Sta	1.14		Computer Integrated Manufacturing	0.10	ME - ME- 8Sem	Additive Manufacturing - Module 2	0.02
	Complex Analysis, Probability and Sta	0.42		Design of Machine Elements II - Mod	3.38		Operation Research - Module 1	0.80
	Complex Analysis, Probability and Sta	0.74		Finite Elements Methods - Module 1	24.11		Operation Research - Module 2	4.38
	Fluid Mechanics - Module 1	16.45		Heat Transfer - Module 1	22.33	ME - ME-	8Sem Total	6.48
ME - ME-	Fluid Mechanics - Module 5	0.88		Heat Transfer - Module 2	2.33			
4Sem	Heat Transfer - Module 1	34.39		Heat Transfer - Module 3	1.25			
43em	kom module 1	8.66		Total Quality Management - Module	73.23			
	Manufacturing Technology: VM-74 (\	0.26		Total Quality Management - Module	0.01			
	Mechanical Measuerments and metr	0.20		Total Quality Management - Module	0.11			
	Mechanical Measuerments and metr	1.82		Total Quality Management - Module	0.33			
	Mechanical Measurements and metr	12.72	ME - ME-	6Sem Total	128.59			
	(blank)	0.09						
ME - ME-4	ME - ME-4Sem Total 80.04							







Civil Engineering (CV) Department

ONLINE READING DETAILED MODULEWISE			ONLINE READING DETAILED MODULEWISE			ONLINE READING DETAILED MODULEWISE		
CV-4-SEM			CV-6-SEM			CV-8-SEM		
section	book	Time (hrs)	section	book	Time (hrs)	section	book	Time (hrs)
	6.041 Probabilistic Systems Analysis a	0.01		Advanced Surveying - Module 1	0.02		Advanced Surveying - Module 1	0.04
	Advanced Surveying - Module 1	0.25		Civil - Ground Improvement Techniq	0.01	CV - CV-	Advanced Surveying - Module 5	0.01
	Advanced Surveying - Module 2	16.95		Construction Management And Entre	3.14		Construction Management And Entr	0.00
	Advanced Surveying - Module 5	38.75		Construction Management And Entre	45.30		Design Of Prestressed Concrete Elem	1.56
	Analysis Of Determinate Structures -	19.87		Construction Management And Entre	4.81		Quantity Surveying And Contracts M	0.02
	Analysis Of Determinate Structures -	6.19		Construction Management And Entre	3.86	8Sem	Quantity Surveying And Contracts M	10.58
	Applied Hydraulics - Module 1	18.47		Design Of Steel Structural Elements -	22.06		Quantity Surveying And Contracts M	0.33
	Applied Hydraulics - Module 2	12.61		Design Of Steel Structural Elements -	19.17		Qunatity Surveying and Contract Ma	17.65
	Applied Hydraulics - Module 3	0.73		Design of Steel Structures Civil Engi	0.00		Qunatity Surveying and Contract Ma	0.11
	Complex Analysis, Probability and Sta	3.50	CV - CV-	Ground Improvement Techniques - N	53.15		Qunatity Surveying and Contract Ma	0.01
	Complex Analysis, Probability and Sta	0.06	6Sem	Ground Improvement Techniques - N	0.99	CV - CV-8	CV - CV-8Sem Total	
CV - CV-	Complex Analysis, Probability and Sta	9.92	osem	Ground Improvement Techniques - N	0.06			
4Sem	Concrete Technology - Module 2	19.10		Ground Improvement Techniques - N	0.02			
45em	Concrete Technology - Module 3	0.27		Ground Improvement Techniques - N	0.04			
	Concrete Technology - Module 4	0.07		Transportation Engineering Objecti	0.00			
	Concrete Technology - Module 5	0.05		Water Resources Management - Mod	48.12			
	Concrete Technology MODULE-1	12.95		Water Resources Management - Mod	25.44			
	Construction Management And Entre	0.00		Water Resources Management - Moo	0.13			
	Construction Management And Entre	0.05		Water Supply And Treatment Engine	5.32			
	Design Of Prestressed Concrete Elem	0.01		Water Supply And Treatment Engine	2.83			
	Determinants (Video Course)	0.01		Water Supply And Treatment Engine	4.92			
	Linear Algebra (Video Course)	0.00	CV - CV-6	Sem Total	239.39			
	Water Supply And Treatment Engine	0.27						
	Water Supply And Treatment Engine	12.61						
	Water Supply And Treatment Engine	0.56						
CV - CV-4	Sem Total	173.25						

