

GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
Department of Electronics and Communication Engineering Department

ACADEMIC YEAR: 2018-2019

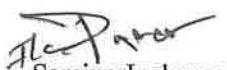
Date: 09-05-2022

Circular

All the faculties and students are hereby informed to attend online seminar on “**Academics and Research Collaborations under MOU of GNDEC Bidar and NIT Warangal**” on 12-05-2022 at 10.15 AM without fail. Attendance will be recorded.

***Note:** The below is Google Meet scheduled link:

meet.google.com/fhj-cbea-czr


Seminar Incharge


HOD

Copy To,

1. Class Coordinator.
2. Time Table coordinator.
3. Academic Coordinator.
4. Department Notice Board.


PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
Department of Electronics and Communication Engineering Department
ACADEMIC YEAR: 2018-2019

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SeminarIncharge


HOD

Copy To,

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4. Department Notice Board.



A

Report on Seminar

**“Academics and Research
Collaborations under MOU of
GNDEC Bidar and NIT Warangal”**

Organized by

“Department of E&CE”

Dated on 12-05-2022

Dhananjay
PRINCIPAL
Guru Nanak Dev Engg. College

Title- Seminar on “Academics and Research Collaborations under MOU of GNDEC Bidar and NIT Warangal”

Date:12-05-2022

Time of event:10.15 AM

Event Type: Online

Objective of Program:

- To understand the scope of Collaborations under MOU.
- Discussion on facilities available Academics and Research Collaborations.
- Building Platform to exchange academic and scientific information
- Enable the Opportunities to carry out and submit Joint Proposals, Projects and societal impact activities to funding agencies.

Profile of Resource person:

Prof. N V Ramana Rao,
Director,
NIT Warrangal,
Telangana-506004

Details of Program:

A seminar on “**Academics and Research Collaborations under MOU of GNDEC Bidar and NIT Warangal**” to students and faculties was organized by the coordinator Dr. Md. Bakhar, HOD, Dept. of Electronics & Communication Engineering, Guru Nanak Dev Engineering College,Bidar at 10.15 AM.dated on 12-05-2022.

The program was started with welcome speech by Prof. Pavan Mankal, Asst. Prof, Dept. of ECE, then the details of MOU collaboration was introduced by Dr. Veerendra D, Dean, R&D and Finally the resource person delivered a seminar on “**Academics and Research Collaborations under MOU of GNDEC Bidar and NIT Warangal**” & finally Dr. MD Bakhar, HOD, Dept of ECE shared his knowledge and experience to all the students and faculties, the program was concluded with valedictory speech by Prof. Savita Soma.



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Program Outcome:

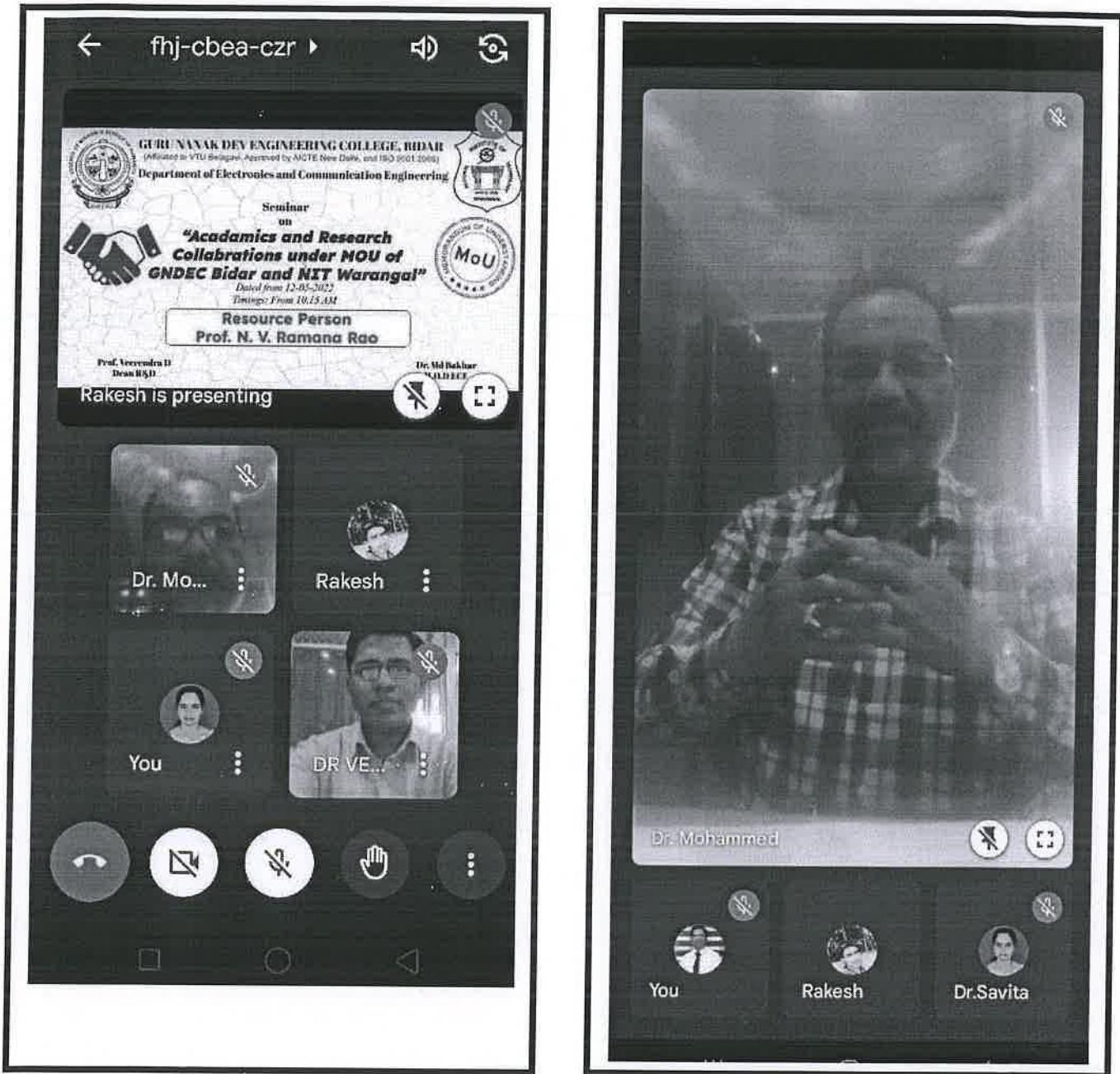
- All the participants gained knowledge, skills, and abilities that a student is expected to acquire upon completion of an academic program.
- Understood Academic collaborations and partnerships between both academic institutions & researchers to undertake joint research or other academic activities.
- Enhanced the collaborations program outcomes by providing students with opportunities to engage in cutting-edge research and work with leading experts in their field.
- Provided faculty members with opportunities to learn about new research techniques and to share their expertise with others.
- The main aim was promote interdisciplinary research, which can lead to the development of new and innovative approaches to addressing complex problems.

Number of Students participated: 45

Number of Students participated: 15



Drauzio
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



Event Name: "Academics and Research Collaborations under MOU of GNDEC Bidar and NIT Warangal"

Bhawna
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

Organized by
Dr. Md. Bakhar
Professor and HOD
Department of ECE
GNDEC, Bidar.

GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
Department of Electronics and Communication Engineering Department

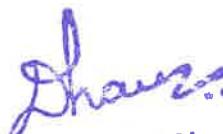
ACADEMIC YEAR: 2022-2023

"Academics and Research Collaborations under MOU of GNDEC Bidar and NIT Warangal"

SI. No.	USN	Name of the student
1	3GN18EC023	NISHA
2	3GN19EC002	AISHWARYA RATHOD
3	3GN19EC003	AKASH
4	3GN19EC004	ANJALI BASWARAJ
5	3GN19EC006	ANKUR KUTTABADKAR
6	3GN19EC007	ATIF SHAZEB
7	3GN19EC008	AUGUSTINE
8	3GN19EC009	BASAVASHREE
9	3GN19EC011	DEEPIKA
10	3GN19EC012	HADOLE SHUBHAM YUVRAJ
11	3GN19EC013	JAGADISH
12	3GN19EC014	KAMRAN ABDUL RAFEY
13	3GN19EC015	KAVYANJALI
14	3GN19EC017	M A MUNEEB
15	3GN19EC019	MAHESHWARI -
16	3GN19EC022	MD MOTESIM AHMED
17	3GN19EC023	NAGESHWARI
18	3GN19EC024	NASER
19	3GN19EC025	NAUSHEEN HASSAN
20	3GN19EC028	NIKHILESH
21	3GN19EC029	NISHA
22	3GN19EC030	NISHU
23	3GN19EC031	NITIN
24	3GN19EC032	NITISH MULGE
25	3GN19EC033	PADAMINAY SRINIVAS
26	3GN19EC034	PADMAVATI
27	3GN19EC035	PATIL SHRADDHA
28	3GN19EC037	PREETI JANVEER
29	3GN19EC040	RAKSHITA
30	3GN19EC042	SAKSHI
31	3GN19EC043	SANDHYARANI
32	3GN19EC044	SANJEEVINI
33	3GN19EC045	SANYUKTA
34	3GN19EC047	SHAKHEEL
35	3GN19EC048	SHILPA
36	3GN19EC050	SONALI EKLARKER
37	3GN19EC051	SOUMYA
38	3GN19EC053	SUMAVATI

*Dhanashri
B.Tech
Electronics and Communication Engineering
2022-2023*

39	3GN19EC054	SYED ADIL HUSSAINI
40	3GN19EC056	SYED SAJEEL AHMED
41	3GN19EC059	VAISHNAVI DEVI
42	3GN19EC060	VANIKA
43	3GN19EC061	VEENA
44	3GN19EC062	VEERVIKRAM SINGH
45	3GN19EC064	VISHNU JOSHI


 PRINCIPAL
 Guru Nanak Dev Engg. College, Bida

meet.google.com/ffhj-cbea-czr

DR VEERENDRA DAKULAGI is presenting

Academic Collaboration Program

Savita
PRINCIPAL
Savita Soma
Collective Education

Dr. Mohammed Basir

Dr. Savita Soma

You

sa-czr



Bhavani
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, and ISO 9001:2005)

Department of Electronics and Communication Engineering

Seminar

on



"Academics and Research Collaborations under MOU of GNDEC Bidar and NIT Warangal"

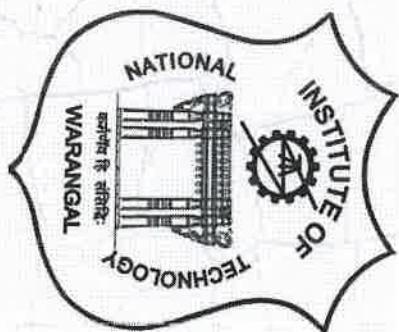
Dated from 12-05-2022

Timings: From 10.15 AM

Resource Person
Prof. N. V. Ramana Rao

Prof. Veerendra D
Dean R&D

Dr. Md Bakhar
H.O.D ECE





KALINGA UNIVERSITY

Established under Chhattisgarh Private Universities (Establishment and Operation) Act, 2005

Kotni, Near Mantralaya, Naya Raipur, Chhattisgarh, INDIA – 492101
Mob: 9303097043, Email- registrar@kalingauniversity.ac.in

Date: 31/05/2023

Consent Letter

To,

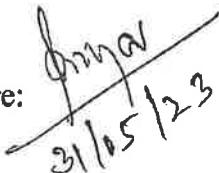
The Registrar,
Kalinga University
Naya Raipur (C.G.)

Subject: Acceptance to be member of Research Advisory Board

Dear Sir/Madam,

I Dr Pradeep Kumar Singa, working in the capacity of Associate Professor at Guru Nanak Dev Engineering College, Bidar give my consent to be a member of research advisory board of Kalinga University Naya Raipur (C.G.)

Signature:


31/05/23

Date: **Dr. Pradeep Kumar Singa**
Dean (R&D)
Guru Nanak Dev Engineering College
BIDAR-585 003 (K.G.)


PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

KALINGA UNIVERSITY



NAAC B+ | **nirf** GRADE I
ACCREDITED BY NAAC
ACCREDITED BY NIRF
APRIL 2022



Digitized & Signed

CERTIFICATE OF PARTICIPATION

This is to certify that

Dr./Mr./Ms.

PRADEEP KUMAR SINGA

Guru Nanak Dev Engineering College Bidar has attended NAAC sponsored two-days workshop on "Role of IQAC in Achieving Quality and Excellence in Higher Education by Promoting Research, Innovation and Extension Activities" organized by Internal Quality Assurance Cell (IQAC), Kalinga University, Nayagarh on 28th & 29th April 2023, in collaboration with Guru Nanak First Grade College, Bidar.

Vijaya

Dr. Vijayalaxmi Biradar

Director IQAC
Kalinga University

Sandeep

Dr. Sandeep Gandhi

Registrar
Kalinga University

R. Shridhar

Dr. R. Shridhar

Vice Chancellor
Kalinga University

Shyamala

Dr. Shyamala V. Datta

Principal
Guru Nanak First Grade
College, Bidar

Guru Nanak Dev

College, Bidar

www.kalingauniversity.ac.in

PR. CIAL
P.R. CIAL
Guru Nanak Dev

Guru Nanak Dev

GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

Department of Electrical & Electronics Engineering

Three days' workshop on “Electrical System in construction industry”

From 05-02-2022 to 07-02-2022

Coordinator: G.Prashant

Resource Person: Mr.Mohammed Khaja Moinuddin

Mr.Mohammed abdul Nayeem

Semester: IV

Relevance to POs & PSOs: PO 1,2,3,4,5,12 & PSO 1



GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
(Affiliated to VTU Belagavi and AICTE New Delhi. ISO certified institute 9001:2015)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

KG MECH
Electro - Mechanical Pvt. Ltd.
ISO 9001 - 2008 CERTIFIED

In Association with KG MECH & IEI
Organises
3 days Workshop On

**“Electrical Systems in Construction
Industry”**

Date:- 05th Feb 2022
Time:- 10:00AM

Prof. Prashant G Dr. Neelshetty K Dr Ravindra E Col.Dr. B.S. Dhaliwal
Coordinator Vice-Principal Principal Director Academics

Description: Training to students for designing & calculation of electrical lighting load for given building or room and use of DILUX software.



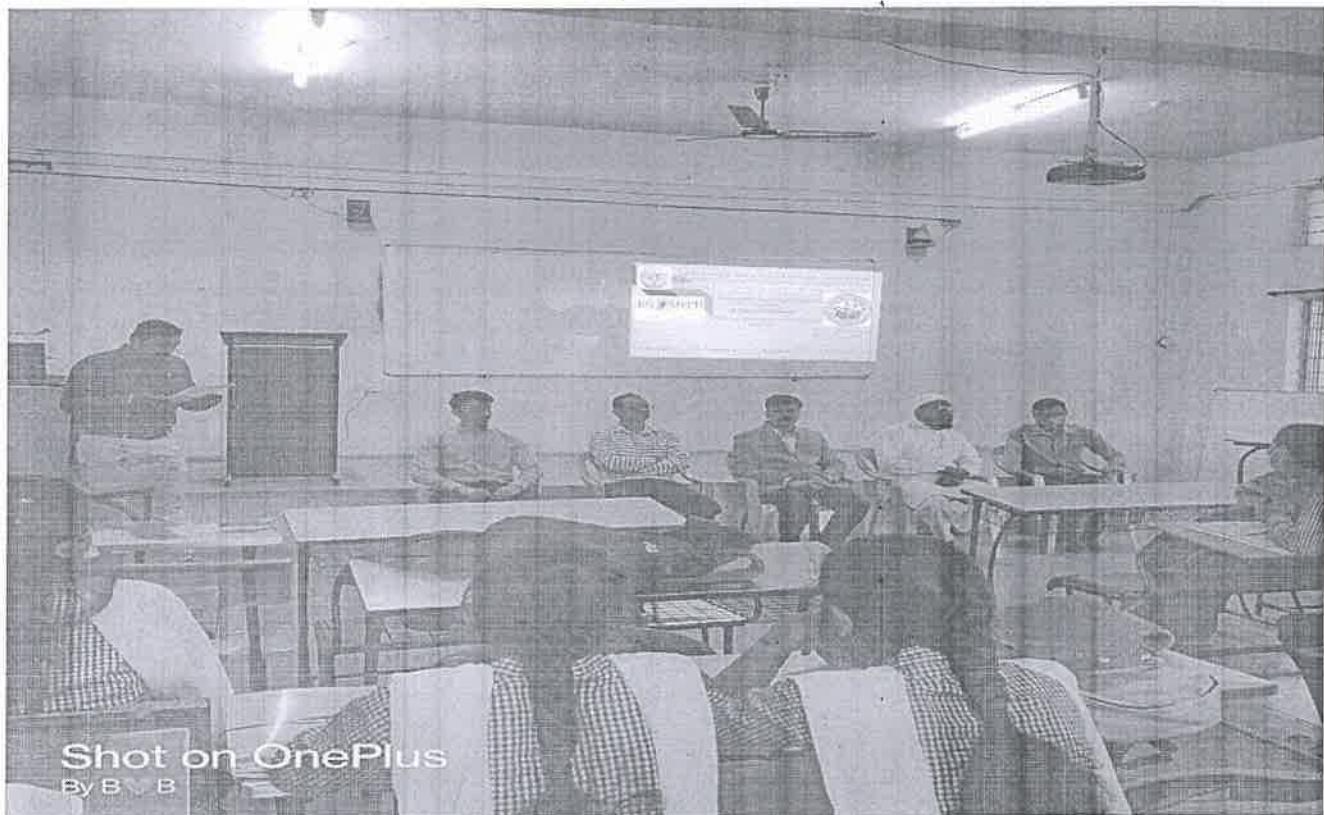
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GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

Department of Electrical & Electronics Engineering

Outcome of 3days workshop on “Electrical systems in construction industry”:

1. The students understood how Electrical engineering plays an important role in construction industry.
2. The students were able to understand how to prepare the list of electrical material required for completion of any type of building wiring.
3. The students were provided hands-on session on “DILUX” software for calculation and designing of lighting for a given room or workspace.
4. Overall the students were independently able to complete an electrical project in a construction industry.



Dhawal
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for 8B
HOD EEE

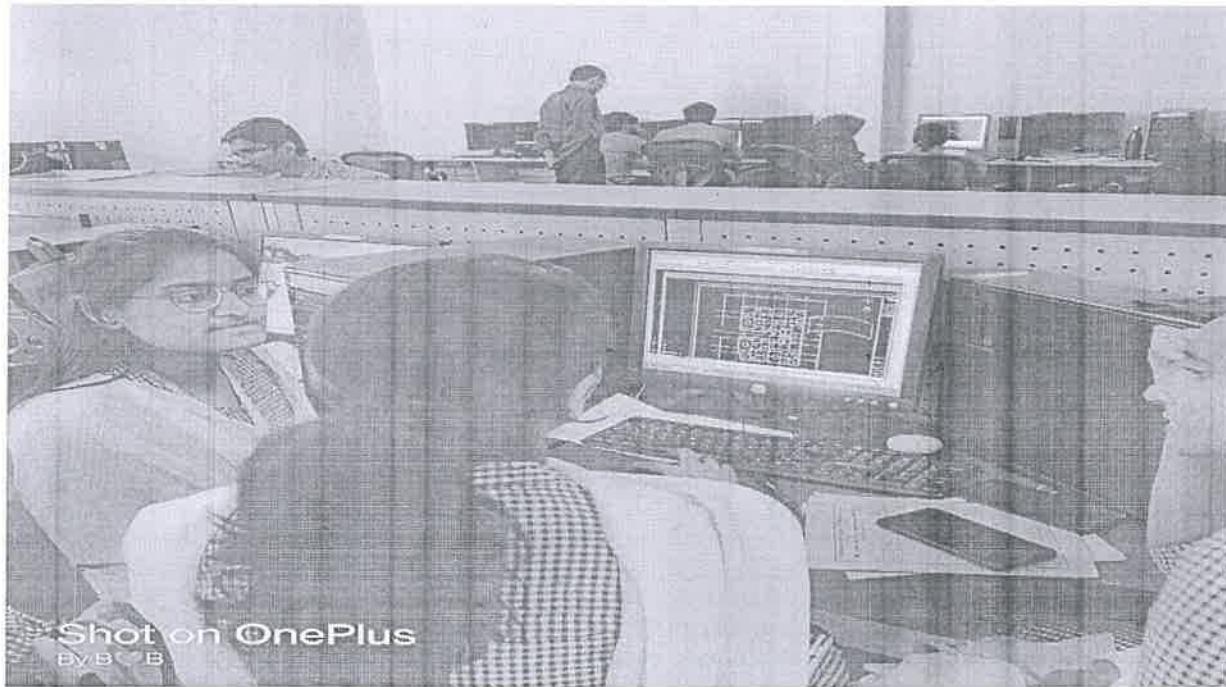
Department of Electrical
& Electronics Engineering
G.N.D. Engg College, BIDAR

GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

Department of Electrical & Electronics Engineering



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BY BVB



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BY BVB

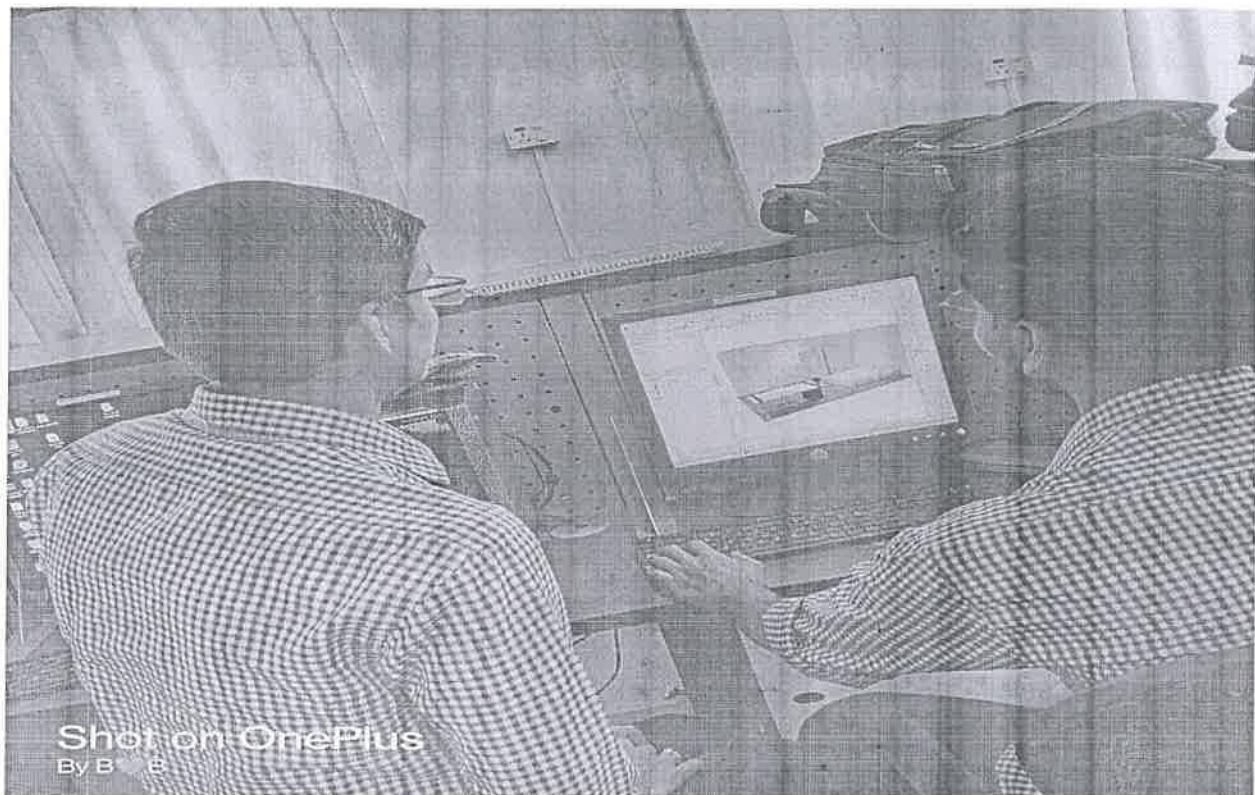
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Guru Nanak Dev Engg. College, Bidar

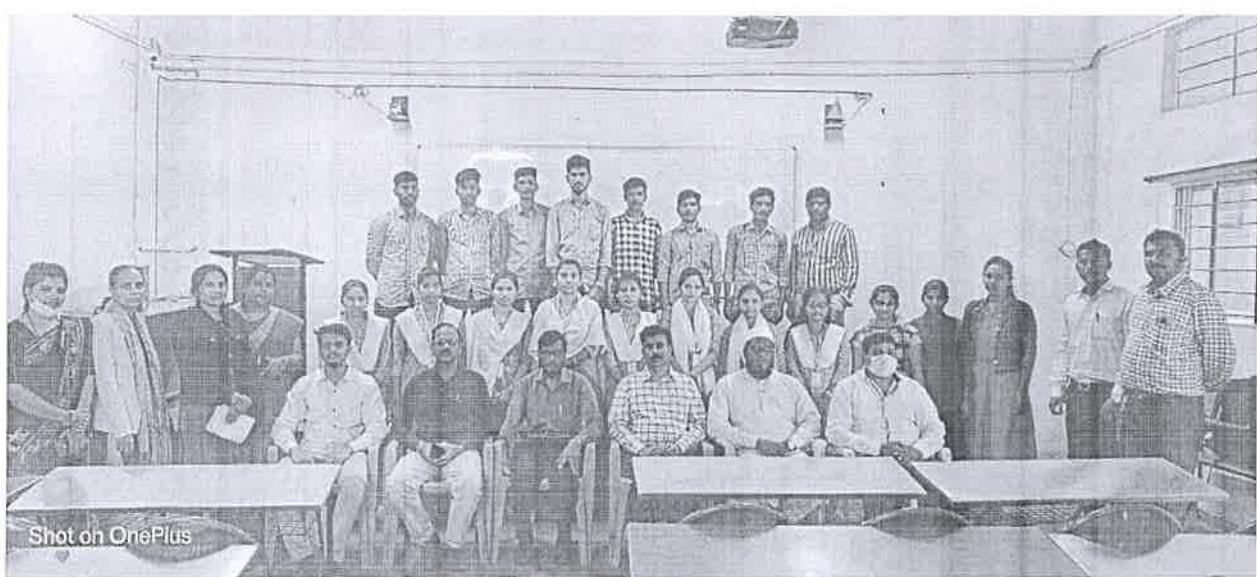
f or sk
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& Electronics Engineering
G.N.D. Engg. College, BIDAR

GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

Department of Electrical & Electronics Engineering



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By B.B



Shot on OnePlus

A handwritten signature in blue ink, appearing to read "Dhawal".

PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

for 88

Department of Electrical
& Electronics Engineering
G.N.D. Engg. College, BIDAR

GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

Department of Electrical & Electronics Engineering



J S S
HOD EEE

**Department of Electrical
& Electronics Engineering
G.N.D. Engg College, BIDAR**

Dhawas
PRINCIPAL
Guru Nanak Dev Engg. College

GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

Department of Electrical & Electronics Engineering

CIRCULAR

Date: 01/02/2022

Dear Students,

I am pleased to announce that we will be organizing Three days' workshop from 05-02-2022 to 07-02-2022 on "Electrical System in construction industry" in association with KG MECH.

So it is here by informed all the pre final year students to attend the session without fail and get the benefits of the same.

for 88

[HOD, EEE]

Copy to:

1. The Director Academics for kind information.
2. The Principal for kind information.
3. The Administrator GNDEC for kind information
4. Department Notice Board

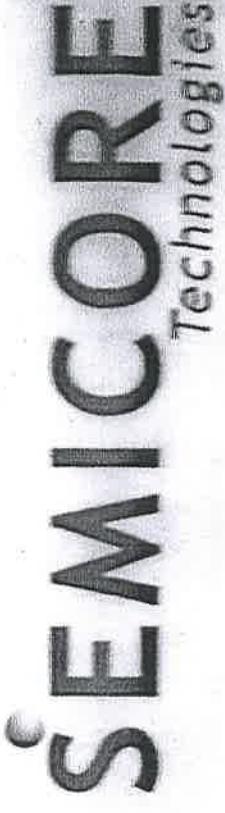
**Department of Electrical
& Electronics Engineering
G.N.D. Engg. College, BIDAR**



Guru Nanak Dev Engineering College, Bidar						
Department of Electrical and Electronics Engineering						
Internship Details 2022-23						
sl.no	Name of the Student	Usn	Name of the Organization with location	From Date	To Date	No of Days
1	Vikas	3GN20EE406	SEMICORE TECHNOLOGIES Hyderabad	7/2/2023	7/3/2023	30
2	Harivishnu	3GN20EE401	SEMICORE TECHNOLOGIES Hyderabad	7/2/2023	7/3/2023	30
3	Preeti	3GN19EE014	SEMICORE TECHNOLOGIES Hyderabad	7/2/2023	7/3/2023	30
4	vaijyanti	3GN19EE034	SEMICORE TECHNOLOGIES Hyderabad	7/2/2023	7/3/2023	30
5	Sindhu	3GN19EE027	SEMICORE TECHNOLOGIES Hyderabad	7/2/2023	7/3/2023	30
6	Girish	3GN19EE005	SEMICORE TECHNOLOGIES Hyderabad	7/2/2023	7/3/2023	30
7	Swati	3GN19EE032	SEMICORE TECHNOLOGIES Hyderabad	7/2/2023	7/3/2023	30
8	Silvia	3GN20EE405	SEMICORE TECHNOLOGIES Hyderabad	7/2/2023	7/3/2023	30
9	Pallavi	3GN20EE402	SEMICORE TECHNOLOGIES Hyderabad	7/2/2023	7/3/2023	30
10	Saimegha	3GN19EE021	SEMICORE TECHNOLOGIES Hyderabad	7/2/2023	7/3/2023	30
11	G Sudrshan	3GN19EE006	SEMICORE TECHNOLOGIES Hyderabad	7/2/2023	7/3/2023	30
12	Amol	3GN20EE400	SEMICORE TECHNOLOGIES Hyderabad	7/2/2023	7/3/2023	30


PRINCIPAL
 Guru Nanak Dev Engg. College, Bidar

for 8th
 HoD (EEE)
Department of Electrical & Electronics Engineering
G.N.D. Engg. College, BIDAR



CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS AWARDED TO

Mr. VIKAS

has completed internship on Embedded Systems

from 07/02/2023 to 07/03/2023 successfully

we wish this intern all *the best for future endeavours*

A handwritten signature in blue ink, appearing to read "Dhawal".



PRINCIPAL
Guru Nanak Dev Engg. Coll. 560 001 Bidar

Authorised Signature

www.semcoretech.com

SEMICORE

Technologies

CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS AWARDED TO

Mr. Hanivishnu

has completed Internship on Embedded Systems

from 07/09/2023 to 07/03/2023 successfully

for 8k
H.C
we wish him all the best for future
endeavours



PRINCIPAL
Sri. Nanak Dev Engg. College, Bidar

Authorised Signature

semicoretech.com

CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS AWARDED TO

Ms. Preeti Pawar

has completed internship on Embedded Systems

from 07/02/2023 to 07/03/2023 successfully

for 88
we wish this intern all the best for future
endeavours

S. V. Shaw.

PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



Authorised Signature

CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS AWARDED TO

Ms. Vanayanti

has completed internship on Embedded Systems

from 07/02/2023 to 07/03/2023 successfully

for HOD
**Department of Electrical
Electronics Engineering**
S.V. INSTITUTE OF TECHNOLOGIES
Guru Nanak Dev Institute of College, Bidar
www.semiconcoretech.com

Dhanvi.

PRINCIPAL
Guru Nanak Dev Institute of College, Bidar
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Authorised Signature

CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS AWARDED TO

Ms. Sindhu

has completed internship on Embedded Systems

from 07/02/2023 to 07/03/2023 successfully

for 8th
HOD
G. M. Shaik
we wish this intern all the best for future
endeavours



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Guru Nanak Dev Engg. College, Bidar

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Technologies

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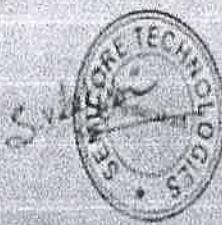
THIS CERTIFICATE IS AWARDED TO

Mr. Girish chillamgekar

has completed internship on - Embedded Systems

from 07/03/2023 to 07/03/2023 successfully

*we wish this intern all the best for future
endeavours*



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Dhawani

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Guru Nanak Dev Engg. College, BIDAR

*for SB
HD*

Department of Electrical
& Electronics Engineering
G.N.D. Engg College, BIDAR



CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS AWARDED TO

Ms. Suniti B

has completed internship on Embedded Systems

from 07/02/2023 to 07/03/2023 successfully

*✓
HSD
✓
✓*

*We wish this intern all the best for future
endeavours*



Dhawal
PRINCIPAL
Guru Nanak Dev Engg. College
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CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS AWARDED TO

Mrs. Silvia

has completed internship on Embedded Systems

from 01/02/2023 to 07/03/2023 successfully

*We wish this intern all the best for future
endeavours*



Authorised Signature

Mr. Hitesh
Digital Design
Electronics
& GND Engineering



CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS AWARDED TO

M.S. Pallavi

has completed internship on Embedded Systems

from 07/02/2023 to 07/03/2023 successfully

we wish this intern all the best for future
endeavours

A handwritten signature in blue ink, appearing to read "R. S. S. H. D."

PRINCIPAL

Guru Nanak Dev Engg. College, Bidar

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A handwritten signature in blue ink, appearing to read "S. A. D." followed by "Authorised Signature".

Department of Electronics Engineering
Guru Nanak Dev Engg. College, Bidar

G.N.D.E.C.

SEMICORE

Technology

CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS AWARDED TO

M.S. & Sai Meha

has completed internship on Embedded Systems

from 07/02/2023 to 07/03/2023 successfully

*We wish this intern all the best for future
endeavours*

for 8th

HOD
Department of Electrical
& Electronics Engineering
G.N.D. Engg College, BIDAR

Authorised Signature

Jhawar.

PRINCIPAL
Dev Engg. College, Bidar

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CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS AWARDED TO

Mr. Gowre Sudarshan

has completed internship on Embedded Systems

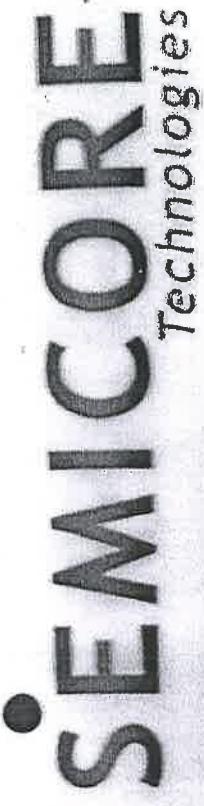
from 07/02/2023 to 07/03/2023 successfully

for SP
*Department of Electrical
Electronics Engineering
D. Engg College, Bidar*
TECHNOLOGIES
Guru Nanak Dev Engg. College, Bidar
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Dhanvi

PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

Authorised Signature



CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS AWARDED TO

Mr. Amol

has completed internship on Embedded Systems

from 07/02/2023 to 07/03/2023 successfully

We wish
you all the best for future
endeavours

13/3/2023
+10P



Authorised Signature

Dr. P. H. Joshi
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

semicoretech.com



GURU NANAK DEV ENGINEERINGCOLLEGE, BIDAR

Department of Electrical and Electronics Engineering

GNDECB/EEE/2018-19/

Date: 18/05/2019

Circular

Dear Students,

I am pleased to announce that we will be organizing a workshop on Assembly disassembly of AC motor, DC motor, Alternators on 25-05-2019 By Er.Vijay Bhambri , Technical trainer, Freelancer Nagpur

So it is here by informed all the IV Sem students to attend the session without fail and get the benefits of the same.

[Signature]
[HOD, EEE]

Department of Electrical
& Electronics Engineering
G.N.D. Engg College, BIDAR

Copy to:

1. The Director Academics for kind information.
2. The Principal for kind information.
3. The Administrator GNDECB for kind information
4. Department Notice Board

Dhawali
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



GURU NANAK DEV ENGINEERINGCOLLEGE, BIDAR

Department of Electrical and Electronics Engineering

GNDECB/EEE/2018-19/

Date: 10/05/2019

To,

Er.Vijay Kumar Bhambri ,
Technical trainer,
Kritikal Technical academy, Nagpur

Subject: Invitation to Conduct Workshop on Electric Motors –reg..

With reference to the above subject, department of EEE, Guru Nanak Dev Engineering College, Bidar cordially invites you to conduct a workshop on assembly disassembly of AC motor, DC motor, Alternators We will be very kind of you, if you can send your acceptance along the date at the earliest.

Yours Sincerely

Dr. Neelshetty K

HOD EEE

GNDEC, Bidar

Dhawali
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

Acceptance Letter

To,

HOD EEE

GNDEC BIDAR

Subject: Acceptance to your Invitation to Conduct Workshop on Electric Motors - Reg

As per the Invitation letter dated on 10.05.2019 ,I am Accepting your invitation and I would like to conduct a workshop on assembly disassembly of AC motor, DC motor, Alternators" on 25th May 2019.

Thanking you Sir,

Yours faithfully



Er. Vijay Kumar Bhambri

Director, Kritikal Technical academy,

Nagpur



Principal
Guru Nanak Dev Engg. College, Bidar



GURU NANAK DEV ENGINEERINGCOLLEGE, BIDAR

Department of Electrical and Electronics Engineering

Name of the Activity: Workshop on “Assembly & Disassembly of AC & DC Motor, Transformer and Hermetic Compressor”

Faculty Name: Durga Prasad

Course Name: Electric Motors

Topic Name: Assembly & Disassembly of AC & DC Motor, Transformer and Hermetic Compressor

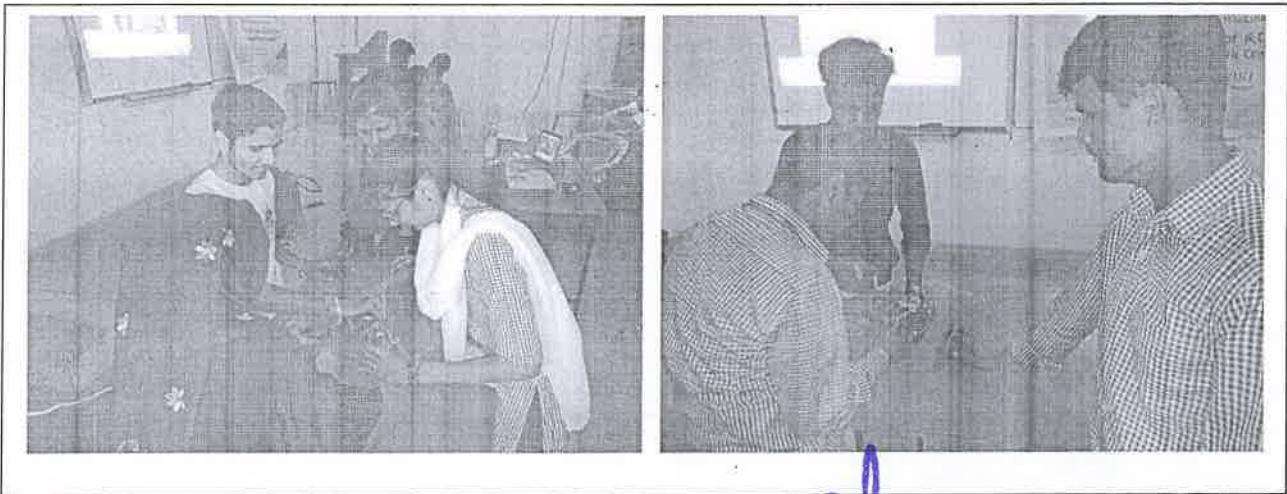
Date of Conduction: 25-05-19

Semester: IV

Relevant to Program Outcomes: PO1, PO4, PO9, PO11, PO12

Description

We conducted hands on workshop on **Assembly & Disassembly of AC & DC Motor, Transformer and Hermetic Compressor**. In this workshop students learned how to assemble and disassemble AC & DC Motor, Transformer and Hermetic Compressor. Students also learned the working of self-motor and compressor.



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Guru Nanak Dev Engg. College, Bidar

Description

We conducted a practical session on Cut Section of Various Electric Motors for understanding the construction and working principles of DC Motor, Induction Motor and Synchronous Motor. This session helps the students in improving their knowledge in Electric Motors and also in Design of Electric Machines.

Constructional Parts of DC Motor:

A DC motor is a device that converts direct current electrical energy to mechanical energy.

A DC motor is constructed with:

1. A Stator
2. A Rotor
3. A Yoke
4. Poles
5. Field windings
6. Armature windings
7. Commutator
8. Brushes

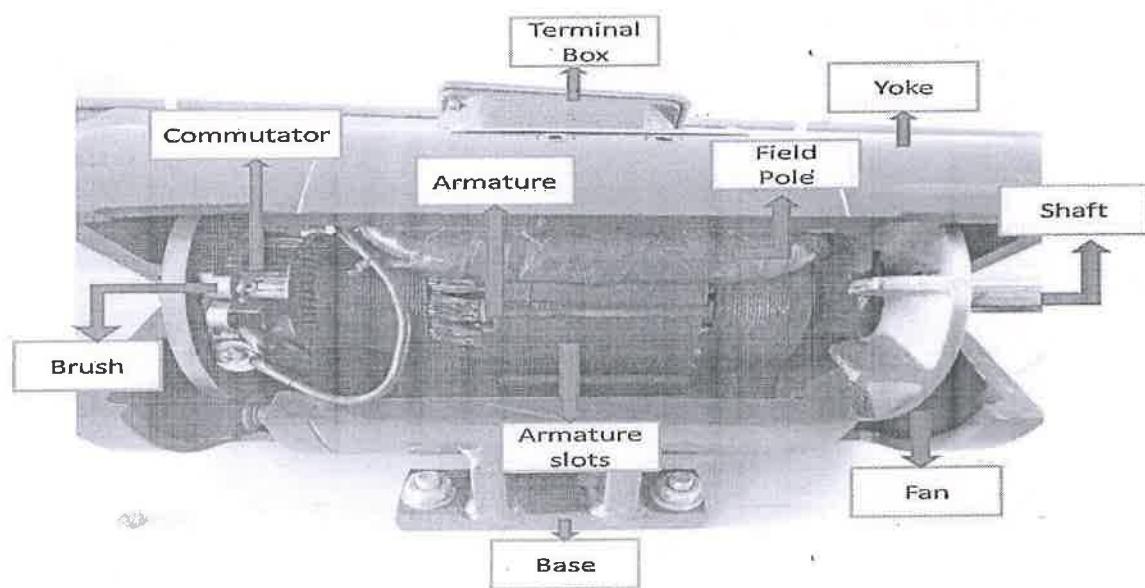


Fig. DC Motor Parts

Parts of DC Motor:

1. **Yoke:** The outer frame of a dc machine is called as yoke. It is made up of cast iron or steel. It not only provides mechanical strength to the whole assembly but also carries the magnetic flux produced by the field winding.
2. **Poles and pole shoes:** Poles are joined to the yoke with the help of bolts or welding. They carry field winding

3. **Field winding:** They are usually made of copper. Field coils are former wound and placed on each pole and are connected in series. They are wound in such a way that, when energized, they form alternate North and South poles.
4. **Armature core:** Armature core is the rotor of a dc machine. It is cylindrical in shape with slots to carry armature winding. The armature is built up of thin laminated circular steel disks for reducing eddy current losses. It may be provided with air ducts for the axial air flow for cooling purposes. Armature is keyed to the shaft.
5. **Armature winding:** It is usually a former wound copper coil which rests in armature slots. The armature conductors are insulated from each other and also from the armature core. Armature winding can be wound by one of the two methods; lap winding or wave winding. Double layer lap or wave windings are generally used. A double layer winding means that each armature slot will carry two different coils.
6. **Commutator:** Physical connection to the armature winding is made through a commutator-brush arrangement. The function of a commutator, in a dc generator, is to collect the current generated in armature conductors. Whereas, in case of a dc motor, commutator helps in providing current to the armature conductors. A commutator consists of a set of copper segments which are insulated from each other. The number of segments is equal to the number of armature coils. Each segment is connected to an armature coil and the commutator is keyed to the shaft.
7. **Brushes:** Brushes are usually made from carbon or graphite. They rest on commutator segments and slide on the segments when the commutator rotates keeping the physical contact to collect or supply the current.

Working principle of a DC motor

An electric motor is an electrical machine which converts electrical energy into mechanical energy. The basic **working principle of a DC motor** is: "*whenever a current carrying conductor is placed in a magnetic field, it experiences a mechanical force*". The direction of this force is given by Fleming's left-hand rule and its magnitude is given by $F = BIL$. Where, B = magnetic flux density, I = current and L = length of the conductor within the magnetic field.

Fleming's left hand rule: If we stretch the first finger, second finger and thumb of our left hand to be perpendicular to each other, and the direction of magnetic field is represented by the first finger, direction of the current is represented by the second finger, then the thumb represents direction of the force experienced by the current carrying conductor.

When armature windings are connected to a DC supply, an electric current sets up in the winding. Magnetic field may be provided by field winding (electromagnetism) or by using permanent magnets. In this case, current carrying armature conductors experience a force due to the magnetic field, according to the principle stated above.

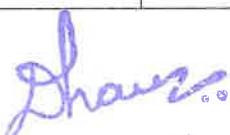
Commutator is made segmented to achieve unidirectional torque. Otherwise, the direction of force would have reversed every time when the direction of movement of conductor is reversed in the magnetic field. **This is how a DC motor works!**

ATTENDANCE LIST

Date: 25-05-2019

The following IV SEM students were attended to the workshop.

SL.NO.	USN	NAME OF THE STUDENT	SEMESTER
1	3GN17EE001	ABHILASH KYASA	IV
2	3GN17EE002	AKASH METHRE	IV
3	3GN17EE003	AKHILA REDDY	IV
4	3GN17EE005	AMBIKA YESKE	IV
5	3GN17EE006	ANIRUDH	IV
6	3GN17EE007	ARUN KUMAR M.	IV
7	3GN17EE009	AYESHA FATHIMA	IV
8	3GN17EE010	BASAVAKIRAN	IV
9	3GN17EE011	DATTATRI NELKAL	IV
10	3GN17EE012	DIVYARANI	IV
11	3GN17EE018	MD SHOAIB NAZEER	IV
12	3GN17EE021	NAMEERA FARHEEN	IV
13	3GN17EE023	PALLAVI	IV
14	3GN17EE025	POOJA	IV
15	3GN17EE026	POOJA B	IV
16	3GN17EE027	POOJA A	IV
17	3GN17EE028	PRAMOD	IV
18	3GN17EE029	PRATIBHA	IV
19	3GN17EE030	RAHUL	IV
20	3GN17EE031	RAJASHEKHAR	IV
21	3GN17EE032	RAMESH	IV
22	3GN17EE034	RATHOD SACHIN	IV
23	3GN17EE036	SACHIN	IV
24	3GN17EE039	SAPNA	IV
25	3GN17EE041	SHAIK EIZAN	IV
26	3GN17EE044	UJALA	IV
27	3GN17EE045	VAISHNAVI	IV
28	3GN17EE046	VIKAS	IV
29	3GN18EE401	AJAYKUMAR	IV
30	3GN18EE402	AKASH KUMAR	IV
31	3GN18EE403	ANIL	IV
32	3GN18EE404	ARUNKUMAR	IV
33	3GN18EE406	NAGANATH	IV
34	3GN18EE407	PAVITRA	IV
35	3GN18EE408	RENUKA	IV


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 & Electronics Engineering
 G.N.D. Engg. College, BIDAR

36	3GN18EE409	SABA BEGUM	IV
39	3GN18EE410	SAMUEL	IV
40	3GN18EE411	SATISH	IV
41	3GN18EE412	SOMNATH	IV
42	3GN18EE414	VIDYASAGAR	IV
43	3GN18EE415	VIJAYLAXMI	IV
44	3GN18EE416	VIKAS	IV

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GURU NANAK DEV ENGINEERINGCOLLEGE, BIDAR

Department of Electrical and Electronics Engineering

GNDECB/EEE/2020-21/

Date: 08/12/2022

Circular

Dear Students,

I am pleased to announce that we will be organizing a Two days workshop on 3D printing modelling and assembly disassembly of AC motor, DC motor, Alternators on 13/12/2021 to 14/12/2021 By Er.Vijay Bhambri , Technical trainer, Freelancer Nagpur
So it is here by informed all the final year and pre final year students to attend the session without fail and get the benefits of the same.


[HOD, EEE]

**Department of Electrical
& Electronics Engineering
G.N.D. Engg. College, BIDAR**

Copy to:

1. The Director Academics for kind information.
2. The Principal for kind information.
3. The Administrator GNDECB for kind information
4. Department Notice Board


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GURU NANAK DEV ENGINEERINGCOLLEGE, BIDAR

Department of Electrical and Electronics Engineering

GNDECB/EEE/2020-21/

Date: 07.12.2021

To,

Er. Vijay Bhambri ,
Technical trainer,
Freelancer Nagpur

Subject: Invitation to deliver a seminar –reg..

With reference to the above subject, department of EEE, Guru Nanak Dev Engineering College, Bidar cordially invites you to conduct a workshop on 3D printing modelling and assembly disassembly of AC motor, DC motor, Alternators We will be very kind of you, if you can send your acceptance along the date at the earliest.

Dhawal
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Sincerely yours

Neelshetty K
Dr. Neelshetty K

HOD EEE

GNDEC, Bidar

Acceptance Letter

To,

HOD EEE

GNDEC BIDAR

Subject: Acceptance to your Invitation to deliver a Seminar- regarding

As per the Invitation letter dated on 07.12.2021 ,I am Accepting your invitation and I would like to conduct a workshop on , “3D printing modelling and assembly disassembly of AC motor, DC motor, Alternators” on 12th December 2021.

Thanking you Sir

Yours faithfully



Er.Vijay Bhambri ,
Technical trainer,
Freelancer Nagpur



Dhananjay
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GURU NANAK DEV ENGINEERINGCOLLEGE, BIDAR

Department of Electrical and Electronics Engineering

Two days workshop from 13-12-2021 to 14-12-2021

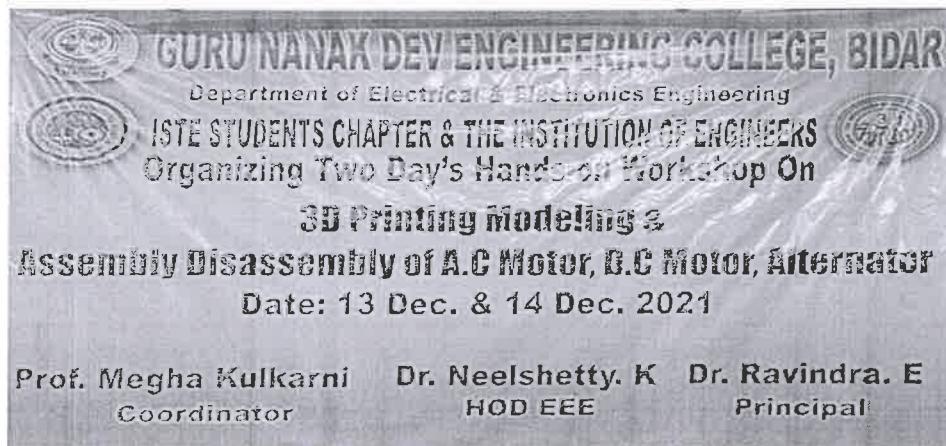
“3D Printing Modeling and Assembly Disassembly of A.C Motor, D.C Motor, Alternator”

Coordinator: Prof. Megha Kulkarni

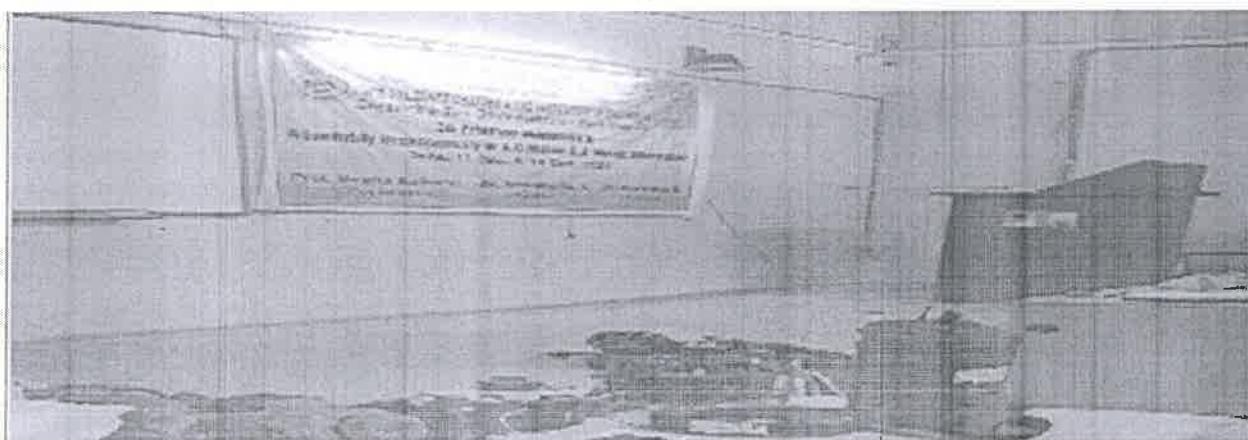
Resource Person: Er. Vijay Bhambri, Technical Trainer, Nagpur

Semester: III & V

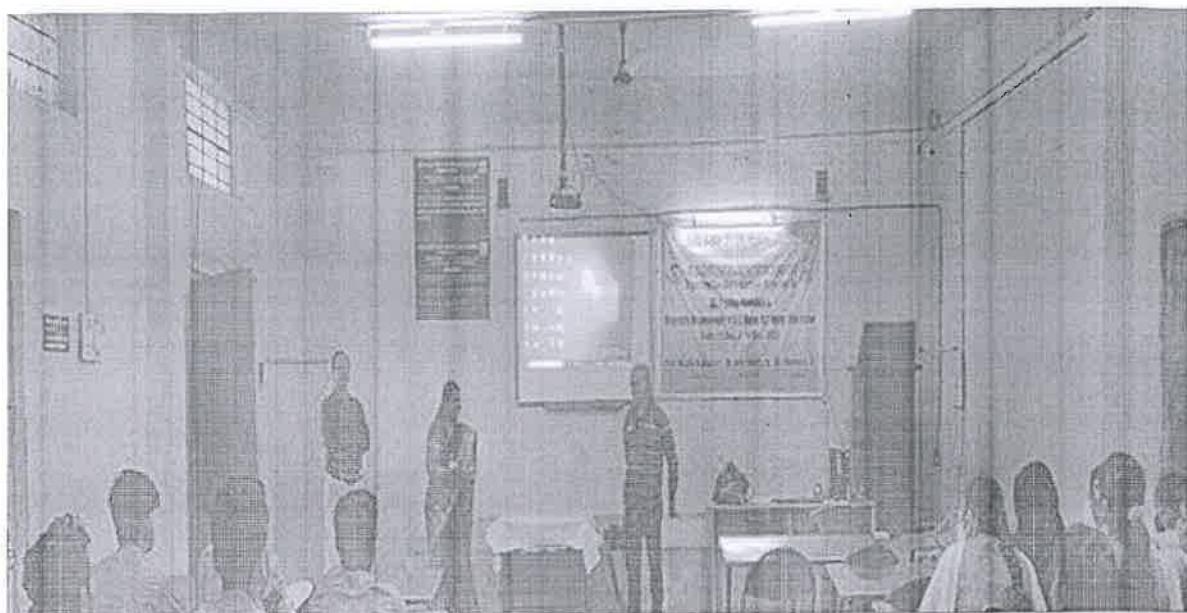
Relevance to POs & PSOs: PO 1, 2, 3, 5, 12& PSO1



Description: Training to students for assembly &disassembly of A.C motor, D.C motor, alternator and 3D printing modeling use of “CURA” software.



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3D Printing Modeling and Assembly Disassembly of A.C Motor, D.C Motor, Alternator

Outcome of 2 days workshop:

1. The students understood how AC & DC motors and alternators play an important role in core industry.
2. The students were provided hands-on session on assembly and disassembly of AC motor, DC motor, alternator and 3D printing modeling using "CURA" software.
3. The students were able to assemble and disassemble AC motor, DC motor and alternator by them self.

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neeraj
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GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

..... MECHANICAL ENGINEERING DEPARTMENT



GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
MECHANICAL ENGINEERING DEPARTMENT



Hands on work shop

on

"3D PRINTING"



Expert: Er. Vijay B

Kritika technical academy,
Nagpur

Date: 15/12/2022 to 17/12/2022

Venue: Mechanical Seminar hall

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GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
MECHANICAL ENGINEERING DEPARTMENT

Date: 12/12/2022

Circular

All the P,Q,R,S&T section of first year students are hereby informed to attend the Hands on work shop on "3D Printing" from 15/12/2022 to 17/12/2022, in Mechanical Seminar hall without fail. Attendance will be recorded every day.

NAG

Coordinator

Ramad

HOD

HEAD OF DEPARTMENT
Mechanical Engineering
Guru Nanak Dev Engineering College,
BIDAR-585 403 (Karnataka)

Copy To,

1. Class Coordinator.
2. Time Table coordinator.
3. Academic Coordinator.
4. Department Notice Board.

Dharmesh
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GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

MECHANICAL ENGINEERING DEPARTMENT

Date: 18/12/2022

Report

Hands on work shop on “**3D Printing**” was conducted from 15/12/2022 to 17/12/2022 in Mechanical Seminar hall for P, Q, R, S & T section of first year students. Total 208 students were participated in the event and Er.Vijay B of KRITIKA TECHNICAL ACADEMY, NAGPUR was the speaker. In this workshop Students understood the types of 3D Printing technology available in the market, how it works and the range of products that can be printed on 3D printers with different Materials. In this workshop students also took sample print of 3D models.



Bidar, Karnataka, India

VGWW6+QCC, Basava Nagar, Bidar, Karnataka 585403

GPS Map Camera

Google

India date: 15/12/2022 10.18AM

NAG
Coordinator

Copy To,

1. Principal.
2. Academic Coordinator.

Shankar

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HEAD OF DEPARTMENT
Mechanical Engineering
Guru Nanak Dev Engineering College,
BIDAR-585 403 (Karnataka)

Lokesh
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Guru Nanak Dev Engg. College, Bidar



GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

MECHANICAL ENGINEERING DEPARTMENT

Number of students attended / participated

SI.NO	USN	Student Name
1	3GN21CS001	ABHISHEK
2	3GN21CS002	ABHISHEK S
3	3GN21CS003	ADITYA
4	3GN21CS004	ADITYA KANNA
5	3GN21CS005	ADITYA SHIVAPUJE
6	3GN21CS006	AISHWARYA
7	3GN21CS007	AISHWARYA DURGE
8	3GN21CS008	AKSHITHA
9	3GN21CS009	AMANDEEP KAUR
10	3GN21CS010	ANCHAL GADA
11	3GN21CS011	ANIMESH
12	3GN21CS012	ANIRUDH RANGDAL
13	3GN21CS013	ANISHA ELMALKAR
14	3GN21CS014	ANISHA MOGLE
15	3GN21CS015	ANJALI
16	3GN21CS016	ANJALI
17	3GN21CS017	ANUJA
18	3GN21CS018	ARCHANA
19	3GN21CS019	ARCHANA
20	3GN21CS020	ARPITA
21	3GN21CS021	AYESHA BEGUM
22	3GN21CS022	BACHA SRAVYA
23	3GN21CS023	BHAGYAWANTI
24	3GN21CS024	BHUVANESHWARI
25	3GN21CS025	CHETAN
26	3GN21CS026	DAYANAND
27	3GN21CS027	DHANRAJ
28	3GN21CS028	DIGVIJAY
29	3GN21CS029	DIVYA RANI
30	3GN21CS030	FARHAN
31	3GN21CS031	FOUAD BAKSH
32	3GN21CS032	HANIYA FATIMA
33	3GN21CS033	KOMAL PATIL
34	3GN21CS034	LAVANYA
35	3GN21CS035	MADHURA JAJEE
36	3GN21CS036	MALLIKARJUN
37	3GN21CS037	MD ADIL ALI
38	3GN21CS038	MD HUZAIF SHAH
39	3GN21CS039	MD JAWAD

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40	3GN21CS040	MD SHARIQ AYAN
41	3GN21CS041	MD ZEESHAN HUSSAIN
42	3GN21CS042	MEGHARAJ
43	3GN21CS043	MEGHARANI
44	3GN21CS044	MIRZA SUBAN ALI BAIG
45	3GN21CS045	MOHAMMED AHSAN
46	3GN21CS046	MOHAMMED TAUSEEF AHMED
47	3GN21CS047	MOHD RIYAN AHMED SHAREEF
48	3GN21CS048	MOHD ZUBAIR AHMED
49	3GN21CS049	MONISHA
50	3GN21CS050	N ASHWINI
51	3GN21CS051	NEHA CHALVA
52	3GN21CS052	NIKHILREDDY
53	3GN21CS053	NIKITA
54	3GN21CS054	NIKITA
55	3GN21CS055	NIKITA
56	3GN21CS056	NIKITA KULKARNI
57	3GN21CS057	NIRANJAN
58	3GN21CS058	OM SAI KOTE
59	3GN21CS059	OSAMA MOHAMMED JAVEED
60	3GN21CS060	PATIL SAKSHI
61	3GN21CS061	PAVAN
62	3GN21CS062	PAVANKUMAR
63	3GN21CS063	PRAJVAL
64	3GN21CS064	PRAJWAL
65	3GN21CS065	PRASHANT
66	3GN21CS066	PRASHANTH PANCHAL
67	3GN21CS067	PRATIKSHA
68	3GN21CS068	PRAVEEN MALGE
69	3GN21CS069	PREETI
70	3GN21CS070	PURNA SWAMY KAWDI
71	3GN21CS071	RADHIKA
72	3GN21CS072	RASHMI PATIL
73	3GN21CS073	RUTUJA PATIL
74	3GN21CS074	SACHIN CHAVAN
75	3GN21CS075	SAIKUMAR
76	3GN21CS076	SALWA FATIMA MANAAL
77	3GN21CS077	SANGEETA POLAKPALLI
78	3GN21CS078	SANGMESH BHANDE
79	3GN21CS079	SANJANA
80	3GN21CS080	SAYYEDAH SARAH TAMHEED

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82	3GN21CS082	SHARANBASAVA
83	3GN21CS083	SHEETAL PAWAR
84	3GN21CS084	SHIVALEELA
85	3GN21CS085	SHIVLING
86	3GN21CS086	SHRADHA HUNCHAGERE
87	3GN21CS087	SHREYA
88	3GN21CS088	SHREYA GADA
89	3GN21CS089	SHRIHARI REDDY
90	3GN21CS090	SHRUSTI PRABHA
91	3GN21CS091	SHRUTI
92	3GN21CS092	SHWETA
93	3GN21CS093	SIDDU KOLARE
94	3GN21CS094	SIDDU PATIL
95	3GN21CS095	SNEHA
96	3GN21CS096	SNEHA KUSNOOR
97	3GN21CS097	SOHAIL ZAMAN
98	3GN21CS098	SOUMYA
99	3GN21CS099	SOURABH CHIDRI
100	3GN21CS100	SPOORTHI
101	3GN21CS101	SPOORTI
102	3GN21CS102	SUDHARANI
103	3GN21CS103	SYED ADNAN
104	3GN21CS104	SYED ADNAN ANSARI
105	3GN21CS105	SYED ANABUDDIN
106	3GN21CS106	SYED ASHFAQQUDDIN
107	3GN21CS107	SYED SABER ALI
108	3GN21CS108	SYED UMAR SYED
109	3GN21CS109	SYEDA MALIHA ANAM
110	3GN21CS110	UJWAL
111	3GN21CS111	VAIBHAVI SINDOL
112	3GN21CS112	VAISHNAVI
113	3GN21CS113	VAISHNAVI
114	3GN21CS114	VAISHNAVI
115	3GN21CS115	VAISHNAVI S
116	3GN21CS116	VIGNESHWAR
117	3GN21CS117	VIJAYKUMAR
118	3GN21CS118	VIJAYLAXMI
119	3GN21CS119	VINAY KUMAR
120	3GN21CS120	VINAYAK S JADHAV
121	3GN21CS121	VISHAL

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122	3GN21CS122	VISHAL KARBHARI
123	3GN21CS123	VISHNU
124	3GN21CS124	VIVEK
125	3GN21CS125	VIVEK ALLE
126	3GN21CS126	SHAIKH ADEEB
127	3GN21CV001	AAMENA KAUSER SAFA
128	3GN21CV002	ABHISHEK
129	3GN21CV003	ABHISHEK
130	3GN21CV004	ABHISHEK
131	3GN21CV005	ABHISHEK
132	3GN21CV006	ABHISHEK
133	3GN21CV007	ABHISHEK
134	3GN21CV008	AKASH
135	3GN21CV009	ANJALI
136	3GN21CV010	ANKITA DANA
137	3GN21CV011	ASHWINI
138	3GN21CV012	BASAVAKIRAN
139	3GN21CV013	BASVANTRAO
140	3GN21CV014	BENNY RAHUL NANDA
141	3GN21CV015	DEEPAK SHAGOND
142	3GN21CV016	DEEPIKA
143	3GN21CV017	DEEPIKA BHANDARI
144	3GN21CV018	DIVYA
145	3GN21CV019	EHTESHAM UL HASSAN RAHEEL
146	3GN21CV020	GOWRE SAURABH ASHOK
147	3GN21CV021	HAFSA FATIMA
148	3GN21CV022	JADHAV VISHNU
149	3GN21CV023	JAI V SWAMI
150	3GN21CV024	JAIDEV
151	3GN21CV025	KARTHIK REDDY
152	3GN21CV026	KRISHNA
153	3GN21CV027	LIKEET
154	3GN21CV028	M C BASAVAKIRAN
155	3GN21CV029	MAHENDRA
156	3GN21CV030	MD IBADUDDIN
157	3GN21CV031	MD SABEEL RAZA
158	3GN21CV032	MD SHOAIB KHAN
159	3GN21CV033	MOHAMMED IMTIYAZ KHAN
160	3GN21CV034	MOHD SOHAIL
161	3GN21CV035	MUSTAFA MUNEEB RASIQ
162	3GN21CV036	NAGRAJ

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163	3GN21CV037	NANDINI
164	3GN21CV038	NANDITA K Y
165	3GN21CV039	NEHA
166	3GN21CV040	OMKARESHWAR
167	3GN21CV041	PARSHURAM
168	3GN21CV042	PRASAD
169	3GN21CV043	PRERANA
170	3GN21CV044	RASHMI
171	3GN21CV045	RESHMA
172	3GN21CV046	ROHIT
173	3GN21CV047	ROSHAN
174	3GN21CV048	SACHIN REDDY
175	3GN21CV049	SADIYA NOOR
176	3GN21CV050	SANDEEP
177	3GN21CV051	SANTOSHKUMAR
178	3GN21CV052	SAPNA
179	3GN21CV053	SHAIK ARFAT
180	3GN21CV054	SHAIK FATEH MOHAMMED
181	3GN21CV055	SHIVA SHANKAR PATIL
182	3GN21CV056	SIDDHARTH
183	3GN21CV057	SRUSTI
184	3GN21CV058	SUMIT V GAIKWAD
185	3GN21CV059	SYED FAZLURAHMAN
186	3GN21CV060	VASANTH
187	3GN21CV061	VINAY
188	3GN21CV062	VISHAKA
189	3GN21CV063	YASER ADEEL
190	3GN21IS001	AKHILESH BIRADAR
191	3GN21IS002	AMAAN SAQUIB
192	3GN21IS003	AQSA FATIMA
193	3GN21IS004	ASHA
194	3GN21IS005	ASHWINKUMAR
195	3GN21IS006	AYESHA LUBNA
196	3GN21IS007	BHAGYALAXMI
197	3GN21IS008	BHAGYAVANTI
198	3GN21IS009	BHOOMIKA
199	3GN21IS010	CHANDORE VISHAL
200	3GN21IS011	DATTATRI
201	3GN21IS012	DEEPIKA
202	3GN21IS013	JAGJEETH KAUR
203	3GN21IS014	JIJAU
204	3GN21IS015	JYOTI

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205	3GN21IS016	K RAHMAM
206	3GN21IS017	KRISHNA REDDY
207	3GN21IS018	LAVANYA
208	3GN21IS019	MD ASFAHAN PASHA
209	3GN21IS020	MOHAMMED ZUBAIR AHMED
210	3GN21IS021	MOHD SALMAN UZAIR
211	3GN21IS022	NAGRAJ
212	3GN21IS023	NANDINI GODEPURGE
213	3GN21IS024	NATRAJ
214	3GN21IS025	NAVEED AKHTER
215	3GN21IS026	PRAJWAL DANA
216	3GN21IS027	PRARTHANA
217	3GN21IS028	PREM
218	3GN21IS029	PREMALA
219	3GN21IS030	PRIYA MADKI
220	3GN21IS031	PRUTHVIRAJ
221	3GN21IS032	RAKSHITA
222	3GN21IS033	RAVIKANTH
223	3GN21IS034	ROHIT
224	3GN21IS035	SAINATH
225	3GN21IS036	SANDEEP PATIL
226	3GN21IS037	SANJANA
227	3GN21IS038	SHALINI
228	3GN21IS039	SHIVANI G
229	3GN21IS040	SHRADHA
230	3GN21IS041	SHREYA GOUDAR
231	3GN21IS042	SIMRANJEET SINGH
232	3GN21IS043	SNEHA MAHASHETTY

NAG

Coordinator

Ramn

HOD

HEAD OF DEPARTMENT
Mechanical Engineering
Guru Nanak Dev Engineering College
BIDAR-585 403 (Karnataka)

Dhawale
PRINCIPAL
Guru Nanak Dev Engineering College, Bidar



Invitation



Guru Nanak Dev Engineering College, Bidar, Karnataka, India, with great pleasure would like to invite you all to the inaugural ceremony of the two-day International Conference on 'Advances in Communication and Computing Technology' (ICACCT-2021) to be held on 28th December 2021 at 9.30 am.

Organized by

Dept. of E&CE, GNDEC in association with the UTAR (Malaysia) and the UTP (Malaysia).

Chief Guest

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Guru Nanak Dev Engineering College, Bidar is a premier institution in Karnataka offering technical and management courses. The college was established in the year 1980 by the Prabhundak Education Committee, Guruduttara Shri Nanak Jhira Sahib Foundation, Bidar with the Vision of "Essence of Wisdom is Service to Humanity". The sole objective of GNDEC is to impart quality technical education in the field of engineering and management. The college is affiliated to VTU, Belagavi, approved by the All India Council for Technical Education (AICTE), New Delhi, and Accredited by the National Board of Accreditation (NBA), New Delhi. The college is spread over a sprawling area of 25 acres. The college offers seven undergraduate and four postgraduate courses in addition to five Ph.D. research centers. The college has received 2nd National Karnataka Education Summit Award, Excellent Education Institution in Technical Education, Dr. A. P. J. Abdul Kalam Memorial Award, and Certificate of excellence & Kannada Rajyotsava Prashasti. The college has MoU with SEER academy Bangalore, MTC, and AP for Autodesk & PTC. Payment can also be made through Demand Draft in favor of Principal, GNDEC, Bidar, and Payable at Bidar. OR

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Last date for Registration 15th Dec. 2021

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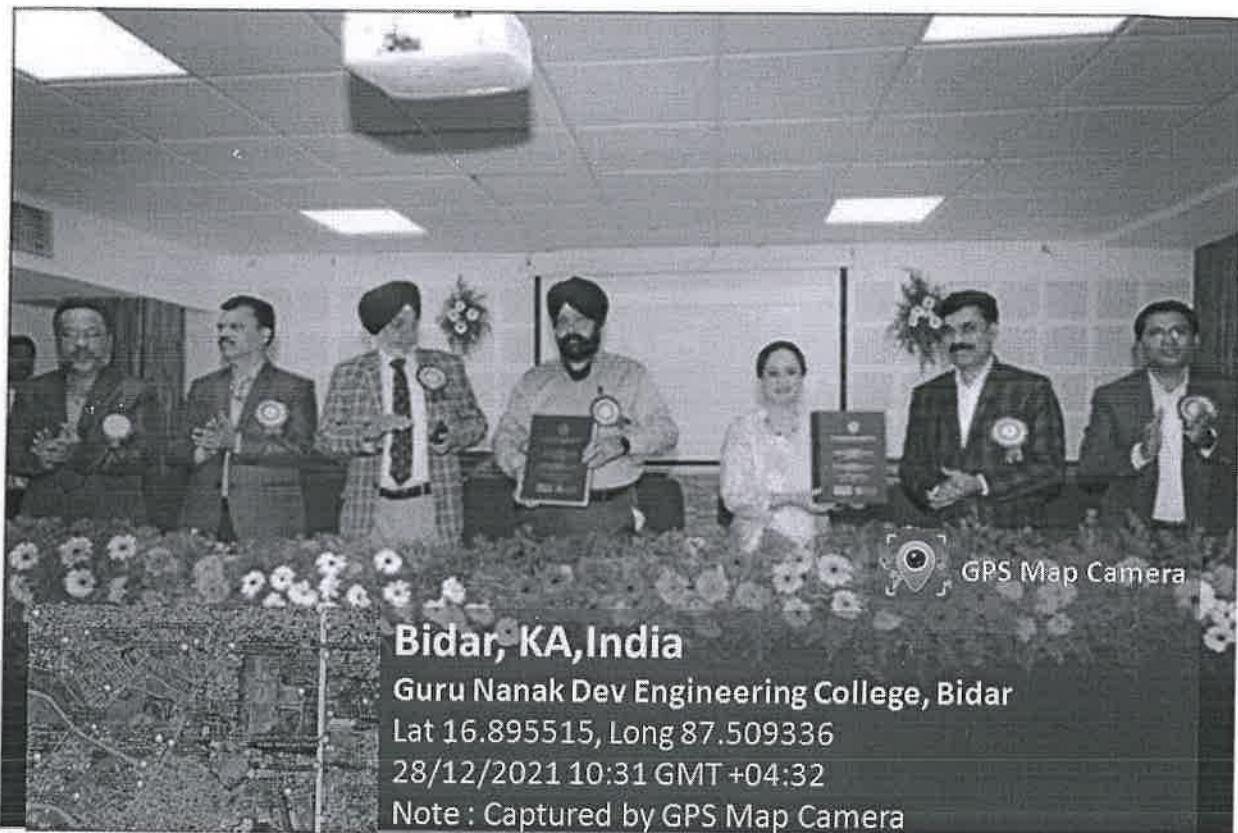
The developments in the field of Engineering and Technology have made enormous contributions in all walks of life. The world consists of a large number of natural and man-made systems which has paved the way for innovation and creativity. The field of Electronics, Communication, and Computer science is not far behind in this race. The ever-increasing restrictions in power, space, Industrial Automation, and biomedical instrumentation is a cue to set up a new era in which communication tools, Control system algorithms, and Digital signal processing applications have to be embedded with VLSI techniques for attaining better results. These needs are the real inspirational force behind ICACCT-2021.

The department of E&CE of Guru Nanak Dev Engineering College, Bidar, Karnataka, India in joint collaboration with UTAR and UTP Malaysia is organizing two days International Conference on Advances in Communication and Computing Technology (ICACCT-2021) on 28-29, December 2021. We received a total of 120 full-paper submissions from different countries. We received papers from USA, Malaysia, Uttarakhand, IIT, NIT, Kerala, Andra, Maharashtra etc.

All papers were subjected to a rigorous review process. A total of 40 reviewers participated in the review and paper selection. After deliberation, 75 papers were selected based on the recommendations of the review committee.

Eminent scientists and professors have been invited to deliver plenary sessions at the conference, which will enlighten students and staff with their enormous acquaintance in the field during various sessions of the conference. The invited speakers will bring to light cutting-edge technologies in various areas so that the participants may benefit from this technical gorge. We are happy to place on record the cooperation, support and guidance received from all quarters. We would like to thank all the reviewers, authors, session chairs, and participants for their active participation in molding this conference into a rich technical forum.

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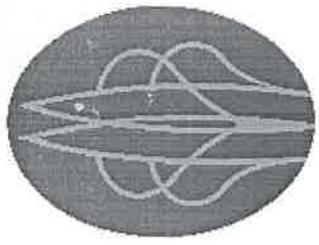
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Optimization of palm oil mill effluent final discharge as biostimulant for biodegradation of tapis light crude petroleum oil in seawater

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ARTICLE INFO

Keywords:

Seawater
Biodegradation
Tapis light crude petroleum oil
Petroleum hydrocarbons
Palm oil mill effluent final discharge (POME FD)
Response surface methodology (RSM)

ABSTRACT

This study investigated the biodegradation of Tapis light crude petroleum oil (TLCO) in coastal seawater samples utilising palm oil mill effluent final discharge (POME FD) as biostimulant using rotatable central composite design (CCD) under response surface methodology (RSM). In a 23-day study, the independent variables (factors) were initial TLCO concentration, POME FD dosage, and incubation time, and the dependent variable (response) was TLCO biodegradation. The residual TLCO analysis was carried out using the gravimetric method, which was then verified by GCFID. The gravimetric analysis produced a coefficient of determination ($R^2 = 0.9764$) and a probability value ($P < 0.0002$) indicating significance for the regression model. Similarly, the GCFID analysis identified a coefficient of determination ($R^2 = 0.9973$) and a probability value ($P < 0.0001$) indicating significance for the regression model. Numerical optimization based on the desirability function was performed, gravimetric and GCFID analyses revealed errors of 4.81% and 1.04%, respectively.

1. Introduction

Due to advances in biotechnology, bioremediation has become one of the fastest developing fields of environmental restoration (Petrik et al., 2022; Sharma et al., 2022; Wartell, 2022; Zahed et al., 2010b). Malaysian coastal waters intermittently faces rare incidents of marine oil spill (Munirah and Zaideen, 2019; New Straits Times, 2020; Sayed et al., 2021c; Star, 2018). Petroleum hydrocarbon oil pollution in coastal seawater off Malaysia occur in three ways (Sayed et al., 2021a). The first is disposal of treated petroleum refinery effluent in seawater by marine outfalls, second is rare vessel accidents containing petroleum oil spill in seawater, and third is crude oil exploration activities in offshore rigs (Sayed et al., 2021a). All of these activities have increased the vulnerability of Malaysian coastal waters to petroleum hydrocarbon oil pollution (Nkem et al., 2016; Sayed et al., 2021c; Zakaria et al., 2001). The environmental issues that have recently affected the Strait of Malacca are marine oil pollution from shipping operations (Munirah and Zaideen, 2019; Sayed et al., 2021c) and others (New Straits Times, 2020). The concerns, mainly the accident or operational releases of toxic petroleum hydrocarbons, are severe problems with Strait of Malacca, as

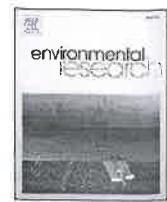
they can affect humans by entering food chain (biomagnification) and marine environment (National Academies of Sciences Engineering and Medicine, 2020; Sayed et al., 2021a, 2021b, 2021c).

Approximately, 7 million tonnes, from roughly 140 major global oil spills, has been spilled into the surface waters (Li et al., 2016a). Also, millions of tonnes of petroleum hydrocarbons are spilled every year through natural seepages and abundant oil wells (Bôto et al., 2021; Sayed et al., 2021b; Speight, 2018). Many physicochemical technologies are used to clean-up the spilled oil in seawater (Sayed et al., 2021a, 2021b; National Academies of Sciences Engineering and Medicine, 2020). The available techniques for petroleum oil spill clean-up in seawater are unable to completely remove emulsified oil that has concentration <5%, which is a residual leftover of physical-chemical clean-up techniques (Bôto et al., 2021; Sayed et al., 2021b; National Academies of Sciences Engineering and Medicine, 2020; Zafirakou et al., 2018; Li et al., 2016b). Clean-up of oil spills containing petroleum hydrocarbons in water bodies to stable products or less toxic compounds can be achieved with bioremediation (biostimulation) (Li et al., 2016a; National Academies of Sciences Engineering and Medicine, 2020; Sayed et al., 2021b). The biostimulant used in bioremediation has numerous

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PAHs remediation from hazardous waste landfill leachate using fenton, photo – fenton and electro - fenton oxidation processes – performance evaluation under optimized conditions using RSM and ANN

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ARTICLE INFO

Keywords:

Landfill leachate
Fenton oxidation process
Artificial neural network
COD
PAH
Response surface methodology

ABSTRACT

Polycyclic aromatic hydrocarbons (PAHs) are a class of highly toxic pollutants that are highly detrimental to the ecosystem. Landfill leachate emanated from municipal solid waste are reported to constitute significant PAHs. In the present investigation, three Fenton processes, namely conventional Fenton, photo-fenton and electro-fenton methods have been employed to treat landfill leachate for removing PAHs from a waste dumpsite yard. Response surface methodology (RSM) and artificial neural network (ANN) methodologies were adopted to optimize and validate the conditions for optimum oxidative removal of COD and PAHs. The statistical analysis results showed that all independent variables chosen in the study are reported to have significant influence of the removal effects with P-values <0.05. Sensitivity analysis by the developed ANN model showed that the pH had the highest significance of 1.89 in PAH removal when compared to the other parameters. However for COD removal, H₂O₂ had the highest relative importance of 1.15, followed by Fe²⁺ and pH. Under optimal treatment conditions, the photo-fenton and electro-fenton processes showed better removal of COD and PAH compared to the Fenton process. The photo-fenton and electro-fenton treatment processes removed 85.32% and 74.64% of COD and 93.25% and 81.65% of PAHs, respectively. Also the investigations revealed the presence of 16 distinct PAH compounds and the removal percentage of each of these PAHs are also reported. The PAH treatment research studies are generally limited to the assay of removal of PAH and COD levels. In the present investigation, in addition to the treatment of landfill leachate, particle size distribution analysis and elemental characterization of the resultant iron sludge by FESEM and EDX are reported. It was revealed that elemental oxygen is present in highest percentage, followed by iron, sulphur, sodium, chlorine, carbon and potassium. However, iron percentage can be reduced by treating the Fenton-treated sample with NaOH.

1. Introduction

The ever increasing population and the consequent growth in industrialization and urbanization have significantly contributed to higher level of economic growth. However, the positive correlation of this income level with waste generation has become a stern menace to

environment (Omar and Rohani, 2015). The reports of World Bank quotes that the per capita generation of waste on daily basis in the year 2050 has been predicted at 19% increment level in countries with high income, whereas for middle and lower level nations this increase would be 40%. It also adds that the annual generation of municipal solid waste is about 2 billion tonnes, which is expected to increase to 3.4 billion

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Guru Nanak Dev Engineering College, Bidar



knowledge 9

A

Report on

“SOFT SKILLS”

Organized by

TRAINING AND PLACEMENT CELL

Title- Soft Skills

Event Type: Offline

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Objective of Program:

- By the end of the soft skills training program, the students should be able to:
- Develop effective communication skills (spoken and written).
- Develop effective presentation skills.
- Conduct effective business correspondence and prepare business reports which produce results.
- Become self-confident individuals by mastering inter-personal skills, team management skills, and leadership skills.
- Develop all-round personalities with a mature outlook to function effectively in different circumstances.
- Develop broad career plans, evaluate the employment market, identify the organizations to get good placement, match the job requirements and skill sets.
- Take part effectively in various selection procedures adopted by the recruiters.

Details of Program:

Training and Placement Cell of the College, organized soft skills training program in association with Knowza Solution, Hyderabad. Following topics covered during the soft skills program.

Here are the topics and the commercial below:-

Public Speaking and Importance
Time and Team Management Skill
Introduction to Decision Making Skills
Setting Goals
Basic Grammar and Tenses
Problem Solving
Active and Passive
Critical Thinking
Direct and Indirect
Knowyourself-Self introspection Day
Day of Creativity- Preparation
Day of Creativity- Presentation
Introduction to Self Discipline and Focus
introduction to Proactive Attitude and Ownership
Class of Dramatics


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All the students of final year attended the program.

Program Outcome:

Resilience – learning to keep going when things don't go according to plan, coping with the unfamiliar, managing disappointment and dealing with conflict

Teamwork – learning to connect and work with others to achieve a set task

Leadership – assessing the requirements of a task, identifying the strengths within the team, utilising the diverse skills of the group to achieve the set objective, awareness of risk/safety

Communication – demonstrating clear briefing and listening skills, not being afraid to ask for help and support when necessary

Emotional maturity and emotional health – learning to handle emotions including tolerance and behavioural responses, building positive friendships and bonding with peers and classmates, learning to show understanding and to demonstrate respect for the opinions, personal space and beliefs of others

Confidence and enthusiasm for learning – developing self-motivation, raised aspirations and belief in one's own abilities, defining and committing to achieving one's goals

Shashi
PRINCIPAL
Guru Nanak Dev Engg. College, Bhopal



**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
DEPARTMENT OF CIVIL ENGINEERING**

To,

Date: 05/09/2020

Mr. Pradeep Kallur
Director
Medini – School of Design
Bangalore

Sub – Request to conduct Training program on BIM Adoption in India

Respected Sir,

WRT above cited subject, I request you to kindly arrange for training program on BIM adaptation in India for our students which is quite helpful to understand the relation between theoretical and practical knowledge.

Kindly note that this training is in line with the scope of our signed MoU.

Hope you do the needful and oblige.

Thank you

HOD

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H. D.
Department Of Civil Engineering
GNDEC-BIDAR.



GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

DEPARTMENT OF CIVIL ENGINEERING

REPORT ON: BIM ADOPTION IN INDIA

Program Name: Celebration of engineer's day organizing a webinar on BIM adoption in India.

Program Date: 15th September, 2020 (Time 12.00 PM - 01.00PM)

Venue: ZOOM Online Platform (Meeting ID: 713 9901 7988, Pass code: 123456)

Organizer: Department of Civil Engineering

Speaker: Pradeep Kallur (Director, Medini)

Activity:

The Civil Engineering Department celebrated Engineer's Day 2020 by organizing a webinar on BIM Adoption in India. The webinar had the faculties and Students Civil Engineering Departments as attendees. The webinar coordinated by Prof. Shivashankar and Prof. Pavan Kumar commenced with an invocation song followed by the a welcome speech by Dr.B.B Kori (Head of the Department). The eminent resource person Pradeep Kallur (Director, Medini) presented the session on BIM Adoption in India.

Session started with a focus on Building Information Modelling and its importance and Mr. Pradeep Kallur went to explain the following are points -

1. What is BIM
2. Importance of BIM
3. AECO Industry
4. Traditional Construction management and BIM
5. BIM Uses
6. BIM Projects in India
7. BIM Tools
 - a. Autodesk Revit
 - b. Autodesk Naviswork
 - c. Autodesk Dynamo
 - d. Cost X
 - e. Etc.
8. BIM Management
9. BIM Strategy
10. BIM Future

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GURU NANAK DEV ENGINEERING COLLEGE, BIDAR



Guru Nanak Dev Engineering College Bidar

Department of Civil Engineering



SPEAKER
PRADEEP KALLUR
Director, Medini

Mrs. Reshma Kaur
Vice Chair Person

Dr. Sardar Balbir Singh
Chairman

**Shivshankar
Pavan Kumar**
Coordinators

Dr.B.B.Kori
HOD, Civil

Dr. Ravindra Eklarker
Principal

Dr. B.S.Dhaliwal
Director

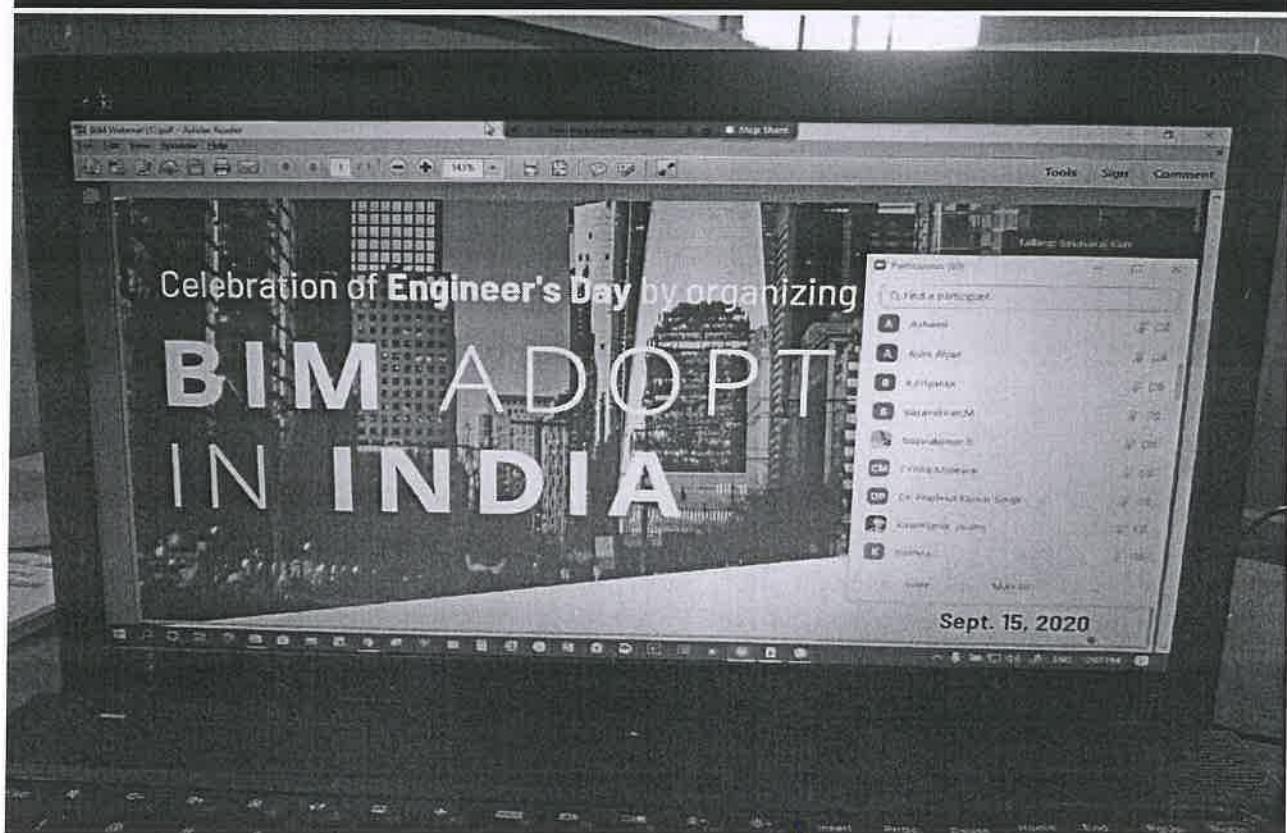
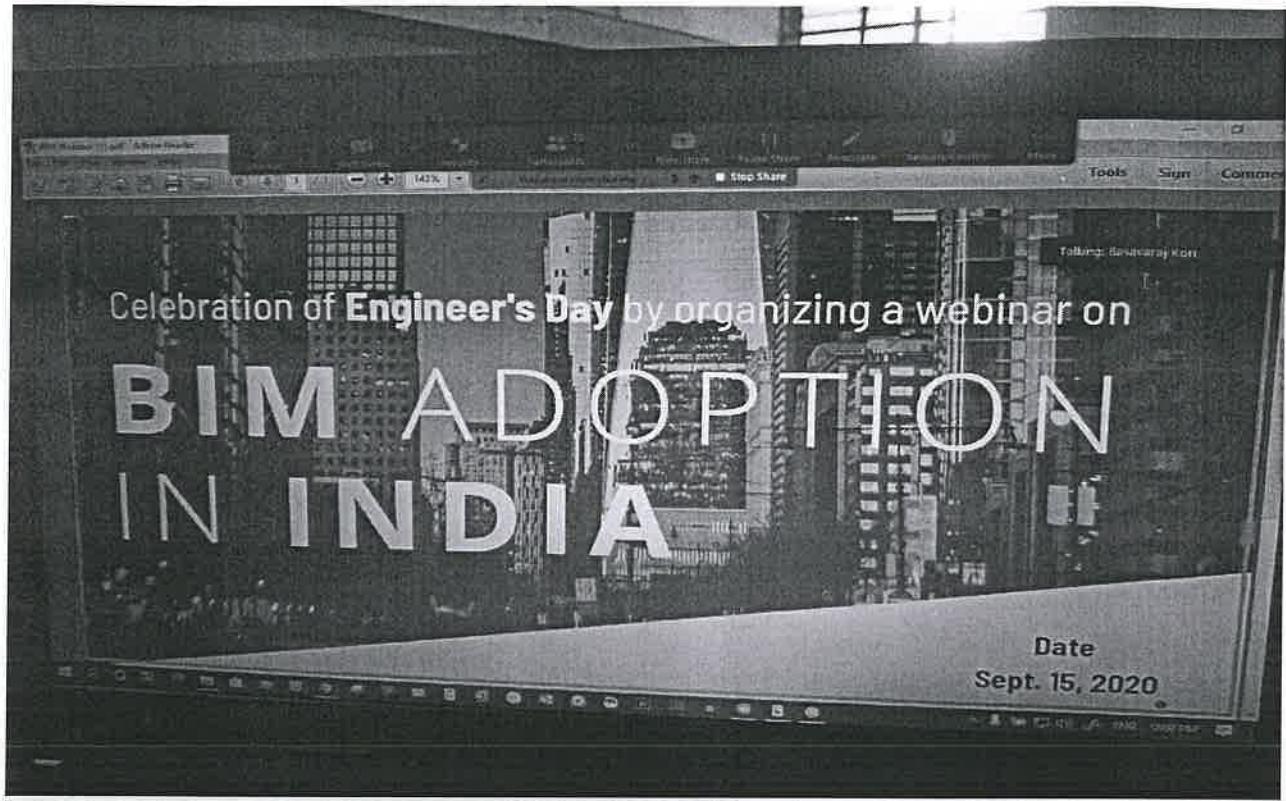
[click here to join the webinar in zoom](#)

Meeting ID: 713 9901 7988
Passcode: 123456

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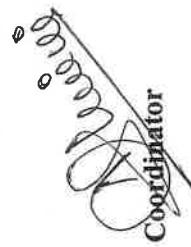
Dhananjay

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GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
DEPARTMENT OF CSE
INTERNSHIP STUDENT LIST

SL NO	USN	NAME OF STUDENT	DOMAIN AREA	COMPANY NAME	DURATION OF INTERNSHIP(E.G .1 MONTH/4 WEEKS)	DATE OF INTERNSHIP WHEN YOU JOINED	DATE OF INTERNSHIP WHEN ITS COMPLETED
1	3GN18CS089	Savita	Web development	Contriver	5 weeks	09-04-2021	10-10-2021
2	3GN18CS097	Shreya auradkar	Machine learning	Contriver	5 weeks	09-10-2021	10-10-2021
3	3GN18CS098	Shruti Suman	Web Technology	Contriver	5 weeks	09-03-2021	10-11-2021
4	3GN18CS107	Suluxshana	Web technology	Contriver	5 weeks	09-03-2021	10-11-2021
5	3GN18CS108	Suma	Web Technology	Contriver	5 weeks	09-03-2021	10-11-2021
6	3GN18CS117	Vaishnavi	Web Development	Contriver	5 weeks	09-04-2021	10-10-2021
7	3GN18CS120	Vaishnavi kalkam	Machine learning	Contriver	5 weeks	09-10-2021	10-10-2021
8	3GN18CS122	Vinayashree	Web development	Contriver	5 weeks	09-04-2021	10-10-2021


 Head of Department
 CSE


HOD CSE
HEAD OF DEPARTMENT
 Computer Science & Engineering
 Guru Nanak Dev Engg. College
 BIDAR-585403


Coordinator
DEPARTMENT
 Computer Science & Engineering
 Guru Nanak Dev Engg. College
 BIDAR-585403


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INTERNSHIP CERTIFICATE

This is to certify that

Sheanya Aunadkar

has undergone a 30 days internship training programme from
16/08/2021 to 11/10/2021.

In the department of Design and Development
Contriver, Bengaluru. Under the guidance of Vaishnavi S Ramu
and the grade awarded to the intern for the internship project is



Sanjay B

Sanjay B
Chief Executive Officer



#startupindia



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INTERNSHIP CERTIFICATE

This is to certify that

Shruti Suman

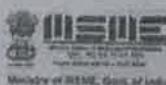
has undergone a 30 days internship training programme from
16/08/2021 to 11/10/2021.

In the department of Programming and Development
Contriver, Bengaluru. Under the guidance of Tushar Punjabi
and the grade awarded to the intern for the internship project is



Sanjay B

Sanjay B
Chief Executive Officer



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Dhawani
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Guru Nanak Dev Engg. College, Bidar



INTERNSHIP CERTIFICATE

This is to certify that

Suma

has undergone a 30 days internship training programme from
16/08/2021 to 11/10/2021.

In the department of Programming and Development
Contriver, Bengaluru. Under the guidance of Tushar Punjabi
and the grade awarded to the intern for the internship project is



Sanjay B
Sanjay B
Chief Executive Officer

Dhawani
PRINCIPAL
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CONTRIVER

INTERNSHIP CERTIFICATE

This is to certify that

Vaishnavi Shinde

has undergone a 30 days internship training programme from
16/08/2021 to 11/10/2021.

In the department of Programming and Development
Contriver, Bengaluru. Under the guidance of Tushar Ranjabi
and the grade awarded to the intern for the internship project is



Sanjay B.
Chief Executive Officer



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INTERNSHIP CERTIFICATE

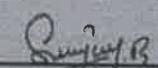
This is to certify that

Vaishnavi Kattam

has undergone a 30 days internship training programme from
16/08/2021 to 11/10/2021.

In the department of Programming and Development
Contriver, Bengaluru. Under the guidance of Tushar Panjabi
and the grade awarded to the intern for the internship project is




Sanjay B
Chief Executive Officer



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Guru Nanak Dev Engineering College Bidar



INTERNSHIP CERTIFICATE

This is to certify that

Vinayashree

has undergone a 30 days internship training programme from
16/08/2021 to 11/10/2021.

In the department of Programming and Development
Contriver, Bengaluru. Under the guidance of Tushar Punjabi
and the grade awarded to the intern for the internship project is



Sanjay B

Sanjay B
Chief Executive Officer



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Dhruv..
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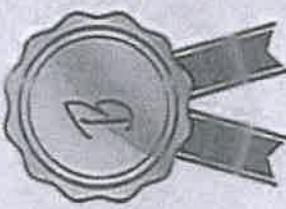
INTERNSHIP CERTIFICATE

This is to certify that

Savita

has undergone a 30 days internship training programme from
16/08/2021 to 11/10/2021.

In the department of Design and Development
Contriver, Bengaluru. Under the guidance of Vaishnavi S Raric
and the grade awarded to the intern for the internship project is



Dhawne.

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Sanjay B
Sanjay B
Chief Executive Officer



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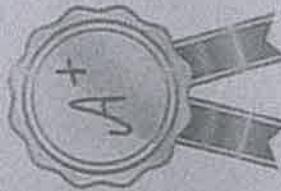
INTERNSHIP CERTIFICATE

This is to certify that

Suluxshana

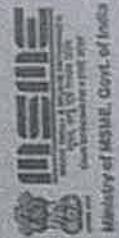
has undergone a 30 days internship training programme from
16/08/2021 to 11/10/2021.

In the department of Design and Development
Contriver, Bengaluru. Under the guidance of Vaishnavi S Ramu
and the grade awarded to the intern for the internship project is



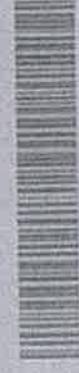
Dr. Naveen Rao

PRINCIPAL
Carnataka Deviating College, Bengaluru



Sanjay B

Chief Executive Officer





GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

DEPARTMENT OF ECE

NOTICE

Date : 25/10/21

All the III sem students are hereby informed to attend practical Hands on Workshop on "Insight Into Electronic Circuits" on 28/10/2021.


Dr. Savita Soma

Vinutana Co-ordinator


HOD


Shashi
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Guru Nanak Dev Engg. College, Bida



ElectronicsForYou



GURU NANAK DEV ENGINEERING COLLEGE, BIDAR.

IEEE Circuits and Systems Society Student Chapter of IEEE Student Branch

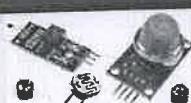
GNDECB in Collaboration with Vinuthana Lab, Dept of E&CE GNDECB

Organises One-day hands-on workshop on

Insight Into Electronic Circuits



Venue - BOTLAB , GNDECB.
Date - 30th of October (Saturday)



Prof. Ramesh Patil
Event Coordinator



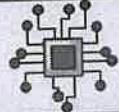
Dr.Md Bakhar
HOD,Dept of E&CE



ARDUINO



Col.B.S. Dhaliwal
Director Academics



Dr.Ravindra E
Principal,GNDECB

Dr Savita Soma
Vinuthana Lab Coordinator

Dhaliwal
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar





GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Title : Hands on Workshop on “Insight Into Electronic Circuits”

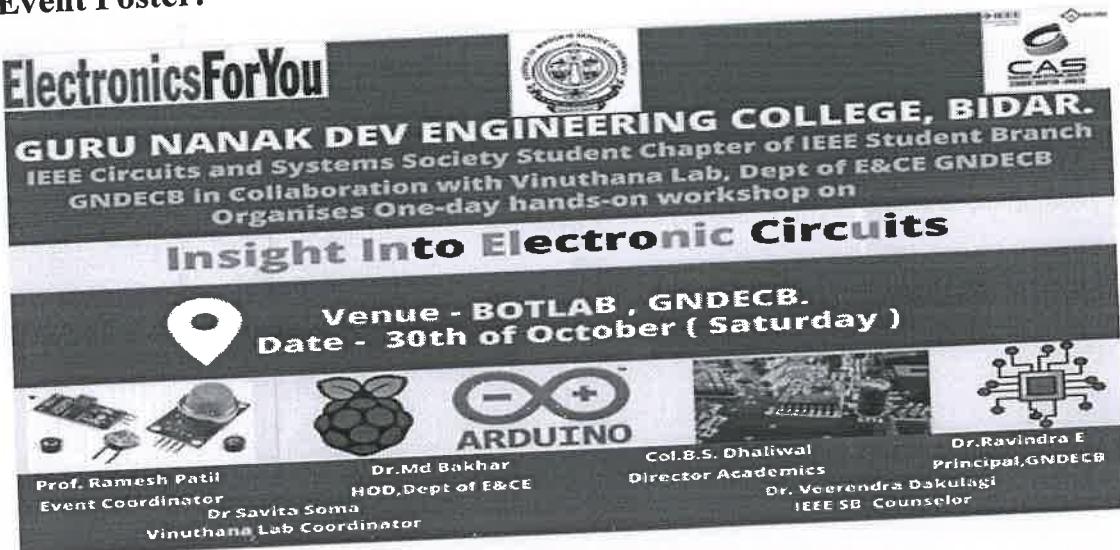
Date: 28/10/2021

Academic Year:2020-21

Event type:Offline

Place : ECE Dept, GNDEC Bidar.

Event Poster:



- **Agenda :** To give an insight into electronics by giving practical knowledge on applications of IOT and electronics to the students by conducting hands on Workshop on “Insight Into Electronic Circuits ”.

Details of program

A one day hands on session on “Insight Into Electronic Circuits” was held in ECE department for 3 rd semester students. The event was organized by Vinutana lab in collaboration with IEEE CAS students chapter GNDEC Bidar.

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In this workshop a brief overview of electronic components, IOT, many sensors used in IOT was described to the 3rd semester students by 5th semester students.

After theory session a hands-on session was conducted to give brief idea of how to install, run the program and connect sensors to arduino.

The Internet of things (IoT) describes physical objects (or groups of such objects) that are embedded with sensors, processing ability, software, and other technologies that connect and exchange data with other devices and systems over the Internet or other communications networks.

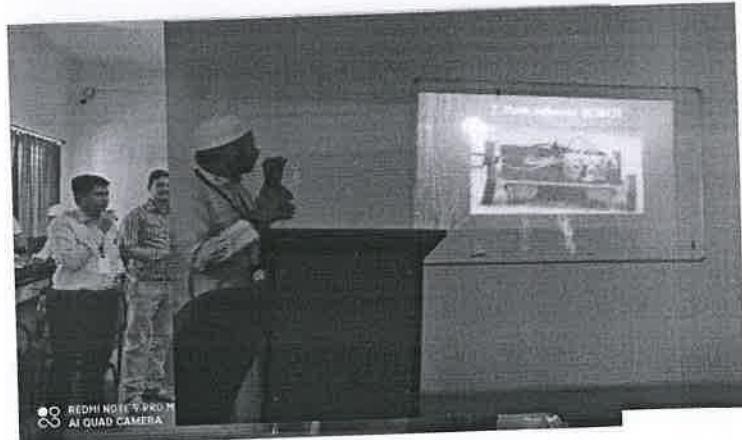
Arduino board designs use a variety of microprocessors and controllers. The boards are equipped with sets of digital and analog input/output (I/O) pins that may be interfaced to various expansion boards or breadboards (for prototyping) and other circuits. The boards feature serial communications interfaces, including Universal Serial Bus (USB) on some models, which are also used for loading programs. The microcontrollers can be programmed using the C and C++ programming languages, using a standard API which is also known as the Arduino language.

Outcome of the activity:

- Students have understood the application electronics.
 - Students have gathered the knowledge about the importance of IOT and its applications.
 - Students came to know how to use arduino, node MCU and interface with real world applications.
 - They have learnt how to work in group
 - Creativity of the students is improved.
-
- **Name of the Faculty : Dr.Savita Soma**
 - **No of students attended: 59**
 - **No of Faculty attended: 16**


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Guru Nanak Dev Engg. College, Bidar

Glimpse of event



Dhanaji
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Guru Nanak Dev Engg. College, Bidar

[Signature]
Vishalika Co-ordinator
Lab.

[Signature]
HOD.

Timestamp	Email Address	Score	Full Name	USN	Rate this workshop	Was this workshop beneficial to you ?	Any Suggestions
10-30-2021 11:35:04	mazhersalam@gmail.com	0 / 1	MAZHER US SALAM	3GN20EC026	6 Yeah	Idk	
10-30-2021 11:35:05	anjalisajansheety@gmail.com	0 / 1	Anjali	3GN20EC007	10 Yes		
10-30-2021 11:35:17	reddybh02@gmail.com	0 / 1	Bhoonika	3gn20ec015	5 Yes	Nothing	
10-30-2021 11:35:54	nikitavibhuti@gmail.com	0 / 1	NIKITA	3GN20EC036	10 Yes	Nothing	
10-30-2021 11:36:40	shubhamshetkar46@gmail.com	0 / 1	Shubham dilip s	3GN20EC066	10 Yes	The way of explaining should b little bit improve I think	
10-30-2021 11:36:47	maahireddy2002@gmail.com	0 / 1	Mahananda	3GN20EC022	10 Yes	It's good	
10-30-2021 11:37:20	rakshitakulkarni2003@gmail.com	0 / 1	Rakshita kulkarni	3GN20EC047	1 Yes	Nothing	
10-30-2021 11:37:22	nagarj.1948@gmail.com	0 / 1	Meenakshi	3GN20EC028	10 Yes		
10-30-2021 11:37:23	amulyasheelvant9@gmail.com	0 / 1	Amulya	3GN20EC006	10 Yes		
10-30-2021 11:37:32	gangahiremathpallavi@iitrrer	0 / 1	Pallavi	3GN20EC037	10 Yes	Nothing	
10-30-2021 11:37:55	shravanisg172@gmail.com	0 / 1	Shravani	3GN20EC062	1 Yes	No	
10-30-2021 11:38:47	gopalms.2002@gmail.com	0 / 1	Gopal	3GN20EC017	10 Yes	Keep going like this, not only for you but for everyone it's one of the best beginning that's started you guys, and thank you so much for today .	
10-30-2021 11:39:01	ankitaindralle@gmail.com	0 / 1	Ankita Indralle	3GN20EC009	10 Yes		
10-30-2021 11:42:09	sharyubhadrile731@gmail.com	0 / 1	Sharyu	3GN20EC057	10 Yes		
10-30-2021 11:42:26	shubhammahindrakar11@gmail.com	0 / 1	Shubham	3GN20EC065	10 Yes		
10-30-2021 11:42:56	nisarmd314@gmail.com	0 / 1	Mohd Nisar	3GN20EC027	10 Yes		
10-30-2021 11:44:21	vedkumarulgire@gmail.com	0 / 1	Vedkumar	3GN20EC083	10 Yes		
10-30-2021 11:44:41	prakrutishashidhar@gmail.com	0 / 1	S.Prakruti	3GN20EC049	10 Too much be	More time limit next time	
10-30-2021 11:45:05	hudedaishwarya@gmail.cc	0 / 1	Aishwarya Huded	3GN20EC003	10 Yes	We want your advices and support to help us in upcoming projects.	
10-30-2021 11:45:53	shreya.siddan15@gmail.cc	0 / 1	Shreya	3GN20EC064	10 Yes	More time limit for next time	
10-30-2021 11:46:13	kaurritu00@gmail.com	0 / 1	Nenavath Ritu kour	3GN20EC035	10 Yes	No	
10-30-2021 11:48:02	chandrakala.b.reddy1234@gmail.com	0 / 1	Vaishnavi patil	3GN20EC082	9 Yes	Advice and support more	


Dhawal

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10-30-2021 11:50:11 hafsa khanam02@gmail.cc	0 / 1 Hafsa khanam	3GN20EC018	1 Yes it was be Nope
10-30-2021 11:52:37 shaziya1088@gmail.com	0 / 1 Shaziya	3GN20EC059	6 Probably yea Everything was quite gud □
10-30-2021 11:53:57 saadabrar681@gmail.com	0 / 1 Mohammed Saad Abr 3GN20EC030	10 Yes	
10-30-2021 11:55:08 mdfurqan0708@gmail.com	0 / 1 MOHAMMED FURQAI 3GN20EC031	1 yes	
10-30-2021 11:58:11 siddhu2282002@gmail.co	0 / 1 siddharudha	3GN20EC068	10 yes Make many more meeting like this for
10-30-2021 12:14:42 nandinichangleri1999@gr	0 / 1 Shankar	3GN20EC055	10 Yes. It is very inspiring to students.
10-30-2021 12:15:10 abhilabhishek9528@gmail.	0 / 1 ABHISHEK	3GN20EC001	10 Yes No
10-30-2021 12:22:18 tubashazmeen02@gmail.c	0 / 1 Tuba shazmeen	3GN20EC076	10 Yes
10-30-2021 12:22:39 swatipodishetty7070@gm	0 / 1 Swati	3GN20EC072	10 Yes
10-30-2021 12:31:03 harshadongave@gmail.co	0 / 1 Harshavardhan	3GN20EC019	9 Yes
10-30-2021 12:33:03 kavyaraga101@gmail.com	0 / 1 Kavya raga	3GN20EC020	9 Yes Learned new thing's and is useful
10-30-2021 12:39:54 anjalimethre48@gmail.con	0 / 1 Anjali	3GN20EC008	8 Yes
10-30-2021 13:06:00 kamranrafeey6@gmail.com	0 / 1 KAMRAN ABDUL RAF 3GN19EC014	8 Yeah	No
10-30-2021 13:12:15 nidvanchevaishnavi@gma	0 / 1 Vaishnavi Nidvanche	3GN20EC081	9 We learn some new things new ideas
10-30-2021 13:17:04 vaishnavijadhav.53931@g	0 / 1 Vaishnavi	3GN20EC080	10 Yes No
10-30-2021 13:47:15 vidhyavasan2002@gmail.c	0 / 1 S.Vidhya Lakshmi	3GN20EC084	10 Yes Nothing, it was super
10-30-2021 14:34:56 atifshazeb02@gmail.com	0 / 1 Atif shazeb	3GN19EC007	9 Yes More projects to be done
10-30-2021 15:51:08 charanbhonna19@gmail.co	0 / 1 Charan	3GN20EC016	8 definitely
10-30-2021 18:15:19 sudhikshas87@gmail.com	0 / 1 Sudhiksha	3GN20EC070	9
10-31-2021 16:31:47 sp1446711@gmail.com	0 / 1 Swati	3GN20EC071	7 Yes No
10-31-2021 16:33:59 bhagyasaral645@gmail.com	0 / 1 Bhagya	3GN20EC014	7 Yes No suggestions
11-1-2021 19:10:49 venkatmotlati943@gmail.co	0 / 1 M Nikita	3GN20EC021	9 Yes More time for next time
11-3-2021 9:15:37 shradhapn20@gmail.com	0 / 1 Sharda	3GN20EC056	10 Yes More time next time
12-17-2021 14:05:07 sheetalpalpande30@gmail.co	0 / 1 Sheetal Pande	3GN20EC060	8 Yes
12-17-2021 14:07:54 shivanimannale@gmail.co	0 / 1 Shivani	3GN20EC061	10 Yes More time next time
12-18-2021 17:40:57 preranaballur@gmail.com	0 / 1 Prerana	3GN20EC040	10 Yes No

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Ref. No.: GNDECB/CV/ACA/2019-20/

Date: 08/06/2020

CIRCULAR

All the students of 5th semester are hereby informed to attend the following training program to be conducted online mode by “**Prayojana Construction Management Training Institute, Bangalore” Pvt Ltd**” going to held from 9th June 2020.

Title of the training program – “Introduction to Construction Management and Opportunities”


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Department Of Civil Engineering
GNDEC-BIDAR.



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DEPARTMENT OF CIVIL ENGINEERING

To

04/06/2020

Er. Ashok Kumar
Executive Director
CMTI
Bangalore

Sub – Seminar on Introduction to Construction Management and Opportunities

Respected Sir,

It gives me immense pleasure to invite you as guest speaker to address our students on ‘construction Management and opportunities’. Your thoughts would enable our faculties to gain knowledge from your expertise.

Kindly communicate your acceptance at the earliest. This will enable us to prepare for successful lecture. This is to be noted that this activity is within the scope of the signed MoU.

Anticipating favourable reply from your end.

Thank you


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Guru Nanak Dev Engg. College, Bidar


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Civil Engineering Department
HOD
Department Of Civil Engineering
GNDEC-BIDAR.



GURU NANAK DEV ENGINEERING COLLEGE BIDAR

Maloor Road, Bidar - 585403 (Karnataka)

Affiliated to Visvesvaraya Technological University, Belgaum

Approved by AICTE, New Delhi

ISO Certified Institute ISO 9001/2015



DEPARTMENT OF CIVIL ENGINEERING

About the Program:

Department Of Civil Engineering Organized one day seminar on introduction to construction management and opportunities On 9th June 2019 For Civil Engineering Students And Civil Engineering Faculties.

Students of Civil Engineering Department and all the Faculties of Civil Engg Dept have participated in one day seminar organized by Department of Civil Engineering GNDEC, Bidar.

The Students took part in seminar of civil engineering department. Further Students gain the knowledge during the seminar on construction management and opportunities in the field civil engineering.

The Resource person was,

Er.Ashok Kumar

Executive director CMTI, Bangalore

OBJECTIVES:

- To train the students with the latest and the best in the rapidly changing fields of Construction Engineering, Technology and Management.
- To prepare the students to be industry leaders who implement the best Engineering and management practices and technologies in the construction industry.
- To continually work with industry to enhance the program's effectiveness and the opportunities for innovation in the construction industry.
- To conduct research to develop advanced technologies and management Approaches.

EVENT OUTCOM

1. On successful completion of the seminar the students will Be able to apply theoretical and practical aspects of project management techniques to achieve project goals.
2. Possess organizational and leadership capabilities for effective management of construction projects.
3. Be able to apply knowledge and skills of modern construction practices and techniques.
4. Have necessary knowledge and skills in accounting, financing, risk analysis and contracting.
5. Be capable of using relevant software packages for planning, scheduling, executing and controlling of construction projects.

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S
**HOD (CIVIL)
HOD**
Department Of Civil Engineering
GNDEC-BIDAR.

Ref. No.: GNDECB/CV/ACA/2020-21/

Date: 25/10/2020

CIRCULAR

All the students of 6th semester are hereby informed to attend the following training program to be conducted by “Prayojana Construction Management Training Institute, Bangalore” Pvt Ltd” going to held from 2nd Nov 2020.

Title of the training program – “Opportunities in Construction Industry for Civil Engineering Professionals- Post Covid Times”


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GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
DEPARTMENT OF CIVIL ENGINEERING

To

20/10/2020

Er. Natrajan
CMTI
Bangalore

Sub – Opportunities in Construction Industry for Civil Engineering Professionals – Post Covid Times

Respected Sir,

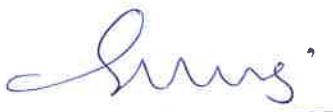
It gives me immense pleasure to invite you as guest speaker for the webinar on Opportunities in Construction Industry for Civil Engineering Professionals – Post Covid Times for our students. Your thoughts would enable our students to gain knowledge from your expertise.

Kindly communicate your acceptance at the earliest. This will enable us to prepare for successful lecture. This is to be noted that this activity is within the scope of the signed MoU.

Anticipating favourable reply from your end.

Thank you


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Civil Engineering Department
HOD
Department Of Civil Engineering
GNDEC-BIDAR.



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Department of Civil Engineering

30/10/2020

Notice

The Students of final Semester are hereby informed to attend webinar on **opportunities in construction industry for civil engineering professional post covid times** by Er.Natarajan on 2nd nov 2020 at 12:00 noon.

Co-ordinator

HOD (CIVIL)

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GNDEC-BIDAR.



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Department of Civil Engineering
organizing a webinar on

OPPORTUNITIES IN CONSTRUCTION INDUSTRY FOR CIVIL ENGINEERING PROFESSIONALS POST COVID TIMES

On 2th November, 2020, Monday | 12.00PM



Resource Person
Er. Natarajan
CMTI Bangalore

Prof. Sunil Kumar Birkur
Coordinator, Civil Dept.

Dr. B.B. Kori
Prof. and Head, Civil Dept.

Dr. Ravindra Eklarker
Principal, GNDEC Bidar

Dr.B.S.Dhaliwal
Director.

Dhawal
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(Department of Civil Engineering)

REPORT OF WEBINAR ON OPPORTUNITIES IN CONSTRUCTION INDUSTRY FOR CIVIL ENGINEERING PROFESSIONAL POST COVID TIMES

A webinar session was arranged for the final year students on the topic opportunities in construction industry for civil engineering professional post covid19 times.

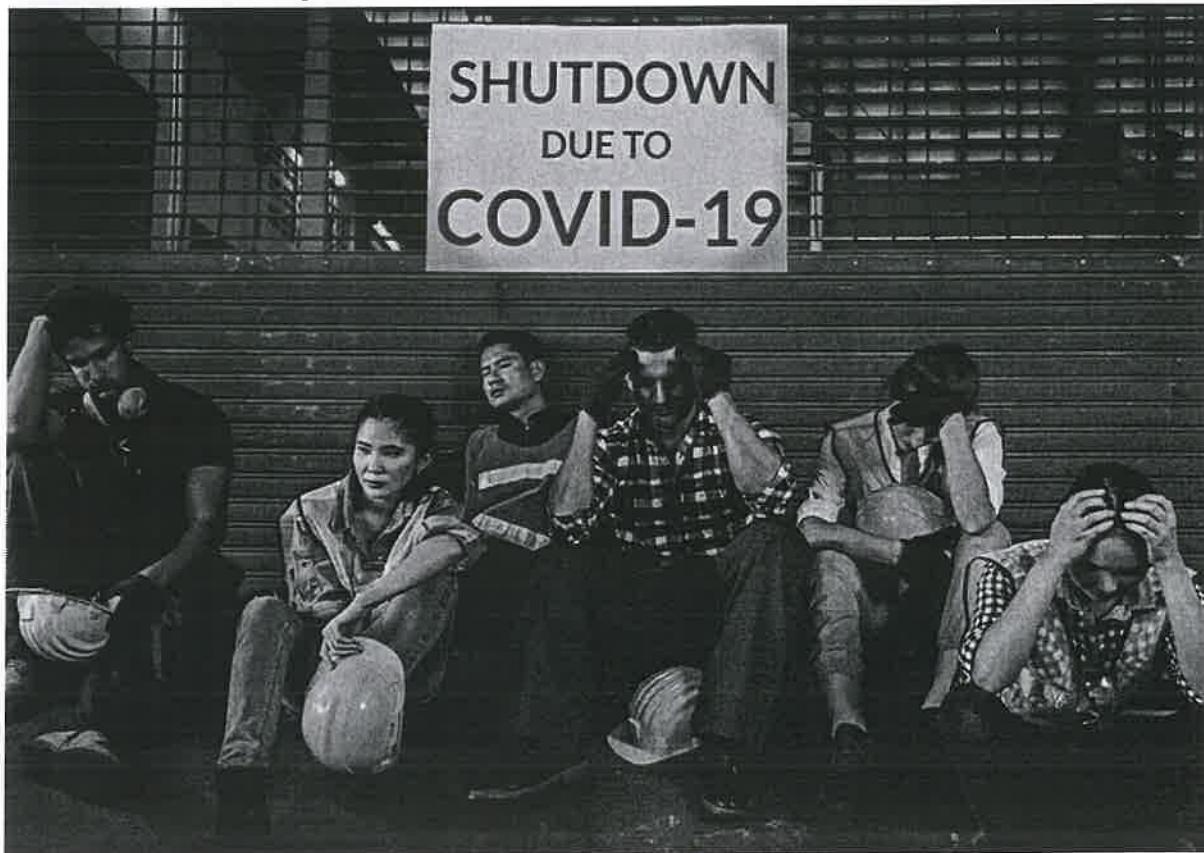
Speaker: ErNatrajan from CMTI Bangalore

Date: 09-11-2020

Time: 12pm

Coordinator: Mr. Sunil Kumar BirkurAsst prof.

Convener: Dr. Baswaraj Kori HOD civil



Dhaval

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Engineering and construction (E&C) companies are used to cyclical downturns, but the speed and strength with which COVID-19 has struck is unprecedented. Projects are being delayed or cancelled. Supply chains are under threat. Employee and subcontractor labour health is a concern, and there are practical challenges around social distancing on construction sites. Companies that have had to furlough workers might find the future availability and skills of those workers uncertain. And because many construction and contracting companies operate without substantial capital reserves, the impact of the lockdowns could force some to restructure debt, seek new sources of capital or risk insolvency.

It is an extraordinarily difficult time, but swift yet thoughtful action can help E&C leadership teams manage the immediate crisis, stabilise supply chains and reinforce their companies' financial position to emerge from the crisis with a more solid foundation.

"Working remotely with good digital infrastructure might be easy for designers, consultants, educators and students but more difficult for large construction site workers and network maintenance operators," says Bachar. "Hence, the first priority is to improve the digital infrastructure and communication skills, followed by offsite construction and automation."

"On a positive note and on a global scale, it is enlightening to see news stories emerge of Venetian canals running clear and nitrogen dioxide levels in China lowering," says Chris. "However the ongoing corona virus pandemic will most certainly have impacted the global Net Zero agenda and pushed it down the list of priorities. We're faced with economic uncertainty but as civil engineers we should ensure that decarbonization remains a vital agenda item. When organizations bounce back let's do so with Net Zero Carbon at the forefront."

"In some projects, skilled-workers could be substituted by robotic mechanisms such as welding with robotic arms. It could increase productivity and accuracy but some might express concern as robots currently lack the power of a person's mind to make instant changes or decisions."

"Hard copies of documents and drawings could be replaced by the use of digital copies, BIM (Building Information Modeling) and VR. Not only are these methods more environmentally friendly, they are more effective and well-rounded for presentations, discussions and solution of issues.



... Bidar

1:00 PM REC Opportunities in Construction - PowerPoint

Clipboard Slides

Font Paragraph Drawing

11. Construction Plant & Machinery, Shuttering & Scaffolding Material Hire

12. Specialized Civil Works

- ↳ Land Development (Earthwork & Filling)
- ↳ Water Proofing Works
- ↳ Plumbing Works
- ↳ Authorized Applicator for Construction Chemicals
- ↳ Retrofitting, Renovation & Rehabilitation
- ↳ Interior Works - CMI Finishes
- ↳ Interior Fit-Outs
- ↳ Fabrication & Erection (PEB) Works
- ↳ Landscape Works
- ↳ Facility Management

13. Project Management Consultancy & Engineering Services

entrepreneur think

Opportunities in Construction - PowerPoint

12:48 PM REC Opportunities in Construction - PowerPoint

Clipboard Slides

Font Paragraph Drawing

Stakeholders in the Construction

```
graph TD; Root[Stakeholders in the Construction] --> Direct[Direct stakeholders]; Root --> Indirect[Indirect stakeholders];
```

Direct stakeholders

1. Employer (Client)
2. Architect
3. Project Manager
4. Project Consultants
 - ↳ Structural Engineers
 - ↳ Services Engineers
 - ↳ Quantity Surveyors
 - ↳ Feasibility Consultants
4. Contractors
5. Laborers
6. Suppliers

Indirect stakeholders

1. Local Authority
2. Environmental Authority
3. Media
4. General public
5. Town planning board
6. Other Competitors & Institutional

Dharmendra
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12:47 PM REC

Opportunities in Construction - PowerPoint

STAKEHOLDERS IN THE CONSTRUCTION

```
graph TD; Root[STAKEHOLDERS IN THE CONSTRUCTION] --> Direct[Direct Stakeholders]; Root --> Indirect[Indirect Stakeholders]; Direct --- 1[1. Employer (Client)]; Direct --- 2[2. Architect]; Direct --- 3[3. Project Manager]; Direct --- 4[4. Project Consultants]; Direct --- 4_1[* Structural Engineers]; Direct --- 4_2[* Services Engineers]; Direct --- 4_3[* Quantity Surveyors]; Direct --- 4_4[* Feasibility Consultants]; Direct --- 5[5. Contractors]; Direct --- 6[6. Laborers]; Direct --- 7[7. Suppliers]; Indirect --- 8[1. Local Authority]; Indirect --- 9[2. Environmental Authority]; Indirect --- 10[3. Media]; Indirect --- 11[4. General public]; Indirect --- 12[5. Town planning board]; Indirect --- 13[6. Other Competitors & Institutional]
```

Click to add notes

You M

12:30 PM REC

Opportunities in Construction - PowerPoint

KRISHNA RAJA SAGAR DAM

Karnataka



Engineering Facts

- ↳ Type - Gravity Dam across river Kaveri.
- ↳ Construction Period - 1911 to 1931
- ↳ Height: 130.8 feet above river bed.
- ↳ Catchment area - 10619 sq.km
- ↳ Designed by M. Visvesvaraya, Chief Engineer KPWD.
- ↳ Design yield 189 TMC at 50% dependability.
- ↳ Full Reservoir Level (FRL) 124.8 Feet
- ↳ Length of the Dam 8597 Feet.
- ↳ Number of Sluice Gates 152.

Click to add notes

You M

Bhushan
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Nanak Dev Engg. College, Bhopal

12:29 PM REC Opportunities in Construction - PowerPoint

Home Insert Design Transitions Animations Side Show Review View Help 2D Elements Tell me what you want to do

Layout New Reset Slide Section Slides

Font Paragraph Drawing

12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10 11 12

VIDHANA SOUDHA
Bangalore.

ENGINEERING FACTS

- Construction Period : 1952-1956
- Architectural style: Neo-D
- Architect - Kengal Hanumappa
- Largest legislative building in India.
- Floor count, 4 + 1 basement. Floor area, 505,505 square feet (46,063.0 m²).
- The grand edifice has 300 rooms apart from 2 assembly chambers. It measures 700Mx350M. The central dome of the building is 60 feet in diameter and is supported by 8

CMV

Click to add notes

Slide 5 of 55 English (India)

REC Opportunities in Construction - PowerPoint

Home Insert Design Transitions Animations Side Show Review View Help 2D Elements Tell me what you want to do

Layout New Reset Slide Section Slides

Font Paragraph Drawing

12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10 11 12

How to acquire Special Skills?

Where to get the desired Knowledge?

PASS THE TRUTH TO THE NEXT GENERATION...TEACH THEM EARLY WHAT WE LEARN LATE.

Through the Value Added Courses provided by the Professional training bodies.

Nataraja... Basavara... Sunil Bir...

Click to add notes

Slide 54 of 55 English (India)

Dra
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16/04/2023

Notice

All the faculties and students of B.E 6th Semester are hereby informed to actively participate in program on “Scope and Opportunities in NHAI” at Mini Audi GNDECB campus on 18/04/2023 at 10:30 am.

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Department of Civil Engineering

Report of “Scope and Opportunities in NHAI”

Department of Civil Engineering organized a seminar for civil engineering students on the topic
“Scope and Opportunities in NHAI” at GNDECB campus

Speakers of seminar:

Er. Satish Kumar

Project manager

NHAI PIU GULBARGA

KARNATAKA

Date: 18-04-2023

Time: 10:30am – 01:30pm

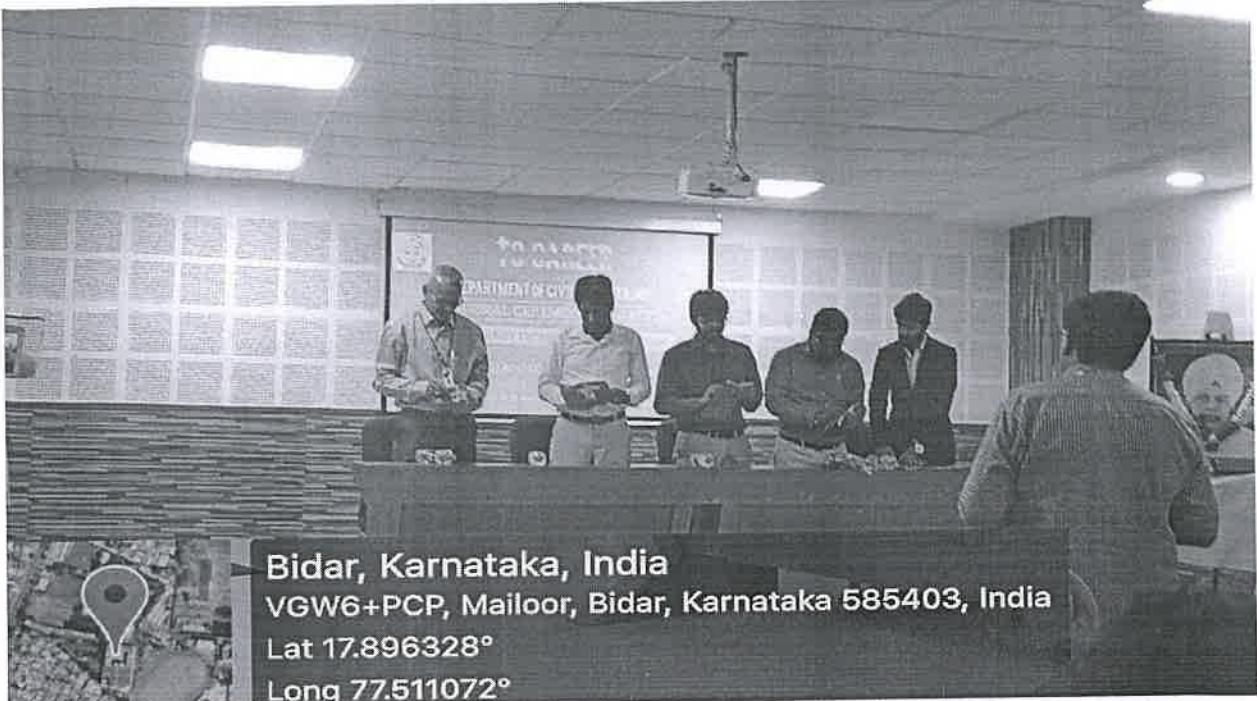
Topics covered:

1. Scope of Civil engineering graduates in highway sector
2. To develop awareness of career opportunities in the NHAI.

Coordinator: Dr.Pradeepkumar Singa, Associate Professor.

Convener: Dr. Baswaraj Kori, HOD Civil Engg. Dept.

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Bidar

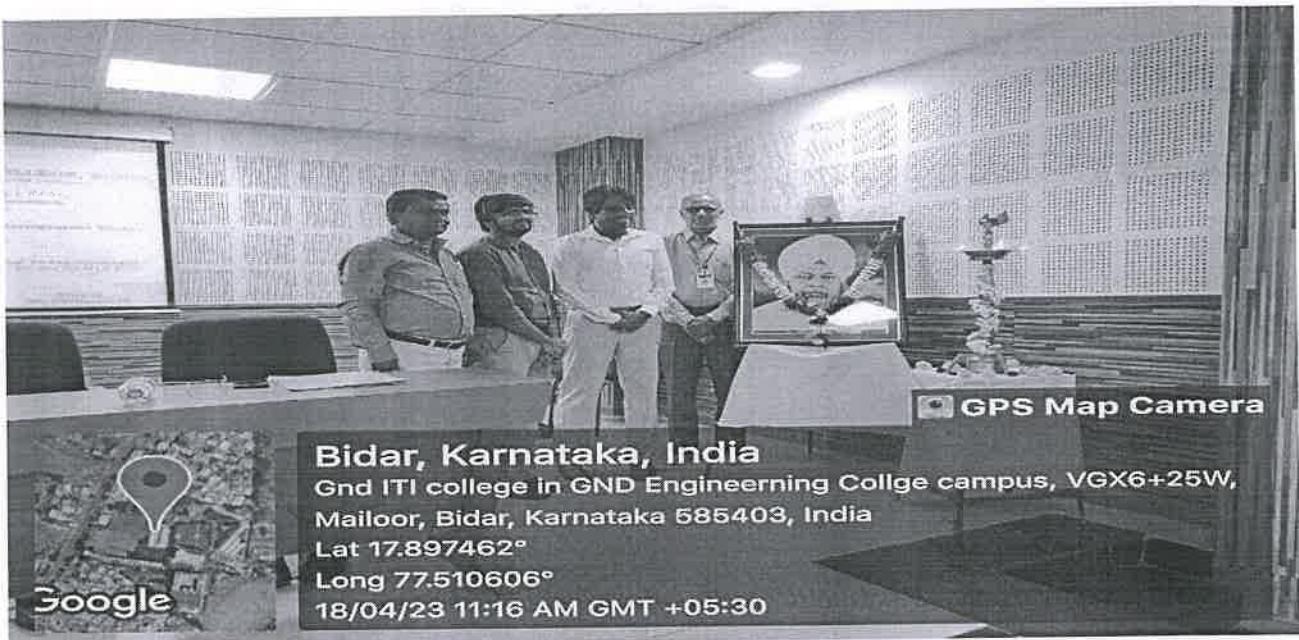


Bidar, Karnataka, India

VGW6+PCP, Mailoor, Bidar, Karnataka 585403, India

Lat 17.896328°

Long 77.511072°



Bidar, Karnataka, India

Gnd ITI college in GND Engineering College campus, VGX6+25W,

Mailoor, Bidar, Karnataka 585403, India

Lat 17.897462°

Long 77.510606°

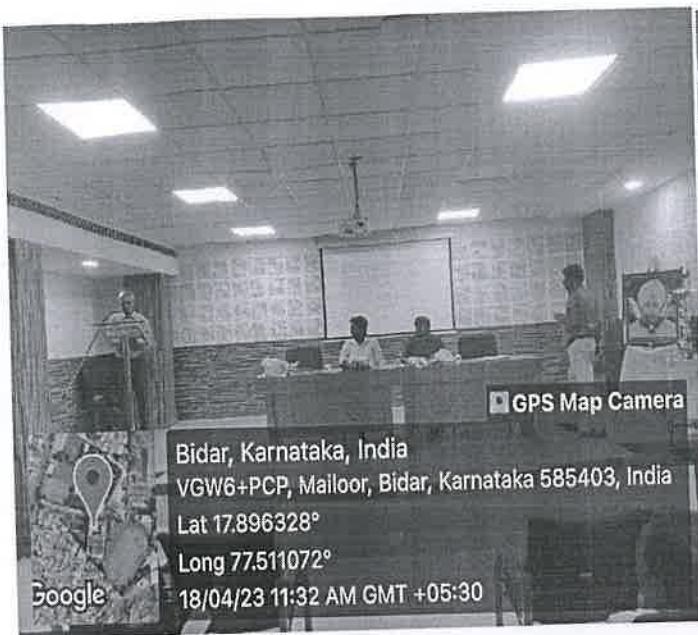
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Dharmesh

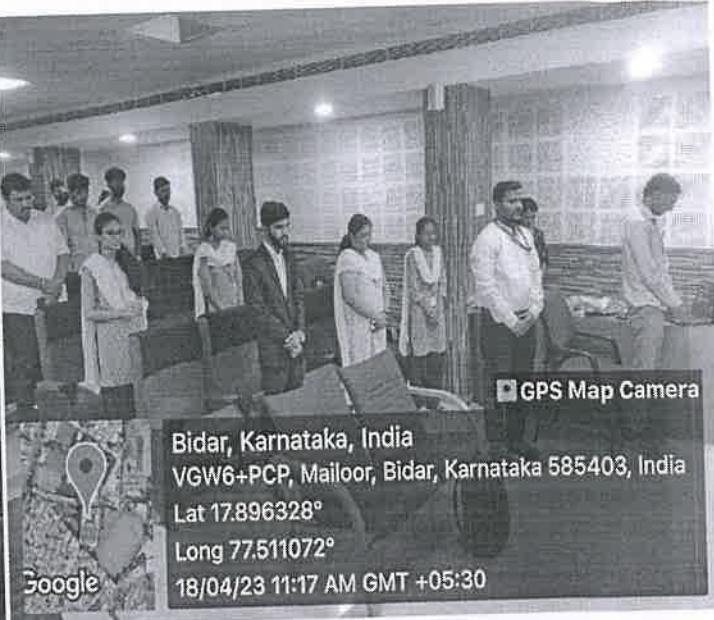
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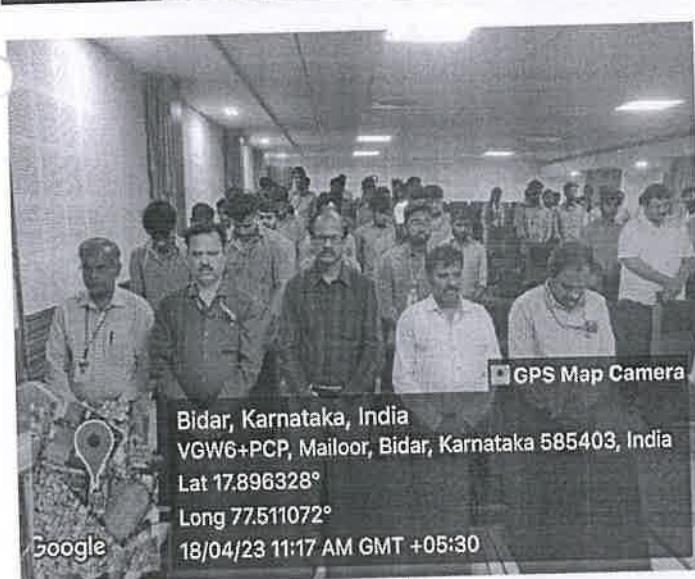
GPS Map Camera

Bidar, Karnataka, India
VGW6+PCP, Mailoor, Bidar, Karnataka 585403, India
Lat 17.896328°
Long 77.511072°
18/04/23 11:32 AM GMT +05:30



GPS Map Camera

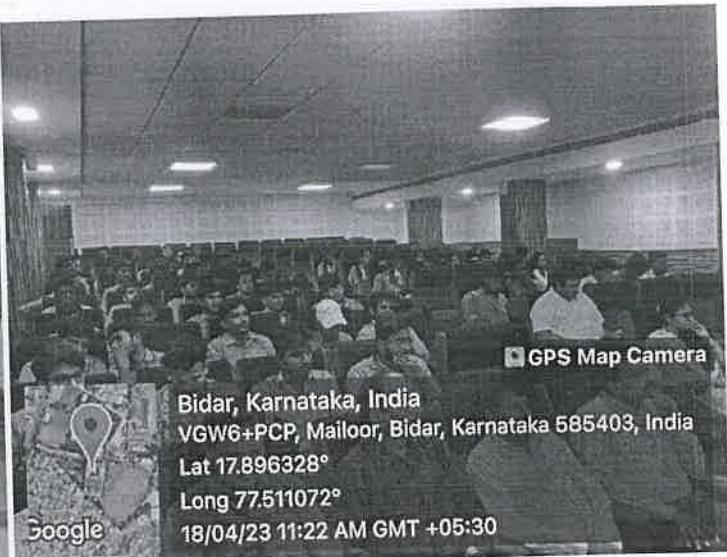
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VGW6+PCP, Mailoor, Bidar, Karnataka 585403, India
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Long 77.511072°
18/04/23 11:17 AM GMT +05:30



GPS Map Camera

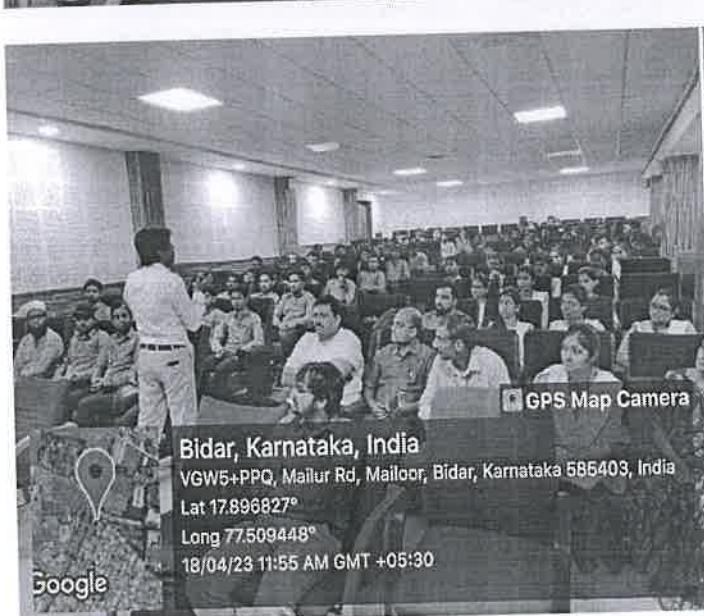
Google

Bidar, Karnataka, India
VGW6+PCP, Mailoor, Bidar, Karnataka 585403, India
Lat 17.896328°
Long 77.511072°
18/04/23 11:17 AM GMT +05:30



GPS Map Camera

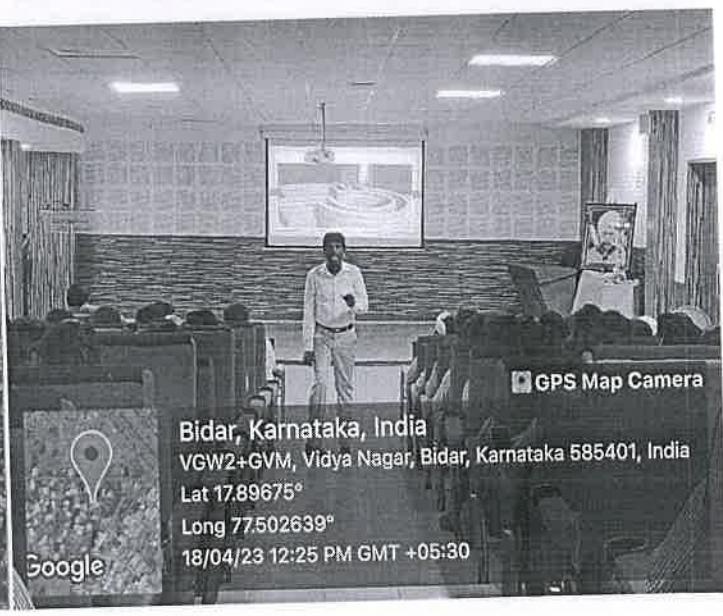
Bidar, Karnataka, India
VGW6+PCP, Mailoor, Bidar, Karnataka 585403, India
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Long 77.511072°
18/04/23 11:22 AM GMT +05:30



GPS Map Camera

Google

Bidar, Karnataka, India
VGW5+PPQ, Mailur Rd, Mailoor, Bidar, Karnataka 585403, India
Lat 17.896827°
Long 77.509448°
18/04/23 11:55 AM GMT +05:30



GPS Map Camera

Bidar, Karnataka, India
VGW2+GVM, Vidya Nagar, Bidar, Karnataka 585401, India
Lat 17.89675°
Long 77.502639°
18/04/23 12:25 PM GMT +05:30

Dharmendra

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STUDENT LIST (6TH SEM)

Sl.No	Name of the Students	USN
1	AISHWARYA	3GN19CV004
2	ABHISHEK	3GN20CV001
3	ABHISHEK	3GN20CV002
4	ADITYA BIRADAR	3GN20CV003
5	ADNAN SAMEE	3GN20CV004
6	AKASH	3GN20CV005
7	AKASH	3GN20CV006
8	AKASH	3GN20CV007
9	AMAN YASEEN IFTEQAAR	3GN20CV008
10	ANKIT DANGE	3GN20CV009
11	ANVIT KUMAR VARMA	3GN20CV010
12	ARIF KHAN	3GN20CV011
13	ARJUN	3GN20CV012
14	BALAJI	3GN20CV013
15	BASAVA PRASAD	3GN20CV014
16	DEEKSHA	3GN20CV015
17	GANGASHREE.K.	3GN20CV019
18	GOUSSUDIN	3GN20CV020
20	MAHESH GOND	3GN20CV022
21	MD ABDUL ZAYEEM SHAH	3GN20CV023
22	MD ABDULLA	3GN20CV024
23	MD AL ZUBAIR BAGWAN	3GN20CV025
24	MD AMAN	3GN20CV026
25	MD HUZAIFA AAQIL	3GN20CV027
26	MD KAIF MALIKHMUKH	3GN20CV028
27	MD MOINUDDIN BURHAN	3GN20CV029
28	MD MUSTAFA KHAN	3GN20CV030
29	MD NUMAN PASHA	3GN20CV031
30	MD UMAR SERIKAR	3GN20CV032
31	MD WASEEM AHMED	3GN20CV033


 PRINCIPAL Aditya Biradar
 Aditya Biradar

32	MIR AHOOR ALI KHAN	3GN20CV034
33	MOHAMMED AMEER KAMAL QIZAR	3GN20CV035
34	MOHAMMED SUFIYAN ADNAN	3GN20CV036
35	MOHAMMED UZAIR AHMED	3GN20CV037
36	MOHD ABRARUDDIN S	3GN20CV038
37	MOHD BILAL	3GN20CV039
38	MOHD FAIZANUDDIN	3GN20CV040
39	M.S.ZAHIDULLA	3GN20CV041
40	MUKTA RANI	3GN20CV042
41	NIKHIL PATIL	3GN20CV043
42	NIVARTI	3GN20CV044
43	OMAR HARIS	3GN20CV045
44	OMKAR	3GN20CV046
45	PAVAN T.R.	3GN20CV047
46	POOJA MAMUDIGI	3GN20CV048
47	PRAGNYA A.S.	3GN20CV049
48	SAINATH	3GN20CV051
49	SANDHYARANI	3GN20CV052
50	SANJANA BAMBARY	3GN20CV053
51	SANSKAR VANKUDRE	3GN20CV054
52	SANTOSHKUMAR	3GN20CV055
53	SHAIK SOHAIL HAMED	3GN20CV056
54	SIVASHARANAYYA	3GN20CV057
55	SHUSHMA	3GN20CV058
56	SOUMYA	3GN20CV059
57	STUTI	3GN20CV060
58	SURESH	3GN20CV061
59	SYED NASSER ALI	3GN20CV063
60	TILAKJEET	3GN20CV064
61	UMRA INAMDAR	3GN20CV066
62	VIJAYLAXMI TOKARE	3GN20CV068
63	VISHNU PATIL	3GN20CV069
64	AJAY WESLEY	3GN21CV400


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65	AMAR	3GN21CV403
66	AMBIKA	3GN21CV404
67	ASLAM PASHA	3GN21CV406
68	MAHAMAD AKBAR	3GN21CV407
69	NAGRAJ	3GN21CV408
70	PAWAN	3GN21CV409
71	PRANESH	3GN21CV410
72	SATYANARAYAN	3GN21CV411
73	SHUBHAM	3GN21CV412
74	AKASH	3GN21CV401
75	AKASH	3GN21CV402
76	AMARPALI	3GN21CV405

Dhanya

PRINCIPAL

Comparative Analysis and Simulation of Koch and Sierpinski Fractal Antenna for Ultra wideband Applications

Mahesh Mathpati¹, Mohammed Bakhar², Veerendra D³, H K Bhaldar⁴, A Ajadhav⁵

^{1,4,5}Dept. E&TC, SVERI's College of Engineering, Pandharpur, India

^{2,3}Dept. of E&CE, Guru Nanak Dev Engineering College, Bidar-585403, Karnataka.

Abstract-In this paper sierpinski and Koch fractal structures has been designed to obtain multiband characteristics in ultra wideband which is having operating range of 3.1 -10.6 GHz as per the standards of FCC(Federal communication commission).The proposed antenna consists of FR4 substrate material having dielectric constant $\epsilon_r = 4.4$ and height $h=1.6\text{mm}$. The dimension of the antenna is 21.45mm *17.89mm. The antenna structure was simulated using CADFEKO 14.0 software. The antenna simulation parameters such as reflection coefficient, gain and VSWR are simulated and presented. Comparison of sierpinski fractal iterations with Koch fractal iterations are presented , the second iteration of sierpinski fractal structure gives the dual bands 3.78GHz and 6.88GHz with lowest reflection coefficients -17.41dB,-24.40dB and bandwidths are 450 MHz and 581MHz which satisfies the ultra wideband characteristics.

Keywords- Koch, Sierpinski, Fractal antenna, Ultra wideband, CADFEKO 14.0.

1. Introduction:

The need for miniaturized antenna is ever growing in view of the advancements in wireless communication technology. The conventional microstrip antennas take any shape like square, rectangular, triangle and so on. They provide normally single resonance frequency with high quality factor because of narrow bandwidth. However, the fractal antennas are able to provide either multi-band resonances or broad bandwidth because of the self-similar and space-filling properties. The fractal antennas are different from traditional antennas because it is capable of operating at many different frequencies at a time. The key advantages of fractal antennas are reduced antenna size, support multiband and wideband operation with improved antenna performance. Sierpinski fractal antenna for off-body communication is presented in proposed work. The realized prototype is designed for operation in the 868MHz and 915MHz Industrial Scientific Medical bands[1]. A small isosceles triangle is cut off from center of each side of the initial isosceles triangle, then the procedure iterates along the sides like Koch curve does, forming the Koch-like fractal bow-tie geometry[2]. Circle and square slot fractal technique is adopted to improve radiation characteristics of the

antenna. The impedance bandwidth of the proposed fractal antenna is 9.4 GHz ranging from 3.2GHz to 12.6 GHz with maximum gain of 6.2dB and efficiency of 98.66% [3]. Fractal antenna engineering represents a relatively new field of research that combines the attributes of fractal geometry with antenna theory and the fractal antenna geometries, applications and advantages of fractals have been discussed[4].Current regulations and standards for wireless medical applications within the ITU-R, Canada, and some other countries required for medical implant communications systems, medical telemetry systems, ultra-wideband (UWB) medical radar imaging, the use of various communication networks for telehealth, and the emerging body area sensor networks and also data rate and spectrum requirements for some medical applications, and the harmonization of regulations and standards for current and emerging wireless medical devices and networks[5].Fractal antenna engineering represents a relatively new field of research that combines the attributes of fractal geometry with antenna theory.


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Design and Analysis of Sierpinski Fractal Antenna Array for Wireless Applications

Mahesh. S. Mathpati^{1*}, Mohammed Bakhar², Veerendra Dakulagi²,

¹Research Scholar, GNDEC, Bidar and Asst. Prof. Electronics & Telecommunication

Dept., SVERI's College of Engg., Pandharpur, India.

²Department of E&CE, Guru Nanak Dev Engineering College, Bidar, India.

* mahesh.mathpati@gmail.com

Abstract

The growing demand of customers requires reduced size, low profile, multiband and conformal antenna for wireless communication. In this paper, I have presented the Sierpinski fractal antenna array techniques at a different level of iteration. The proposed antenna resonates at multiple operating frequencies, to give broader bandwidth. The simulation of the antenna was done using CAD FEKO software and tested using VNA. The presentation of different level of iterations of antenna shape has been studied in terms of parameters like Bandwidth, Return Loss, VSWR and Radiation Pattern. Compared simulated and the experimental results which are good in agreement. The proposed antenna is suitable for the bandwidth enhancement like 100MHz, 1220MHz, and 2450MHz respectively at resonant frequencies 2.05GHz, 3.68GHz, and 7.85GHz. Designed antenna is suitable for FM radio broadcasting, GPS system, RFID, and fixed microwave applications.

Keywords: Bandwidth Sierpinski structure , VNA, fractal antenna array, GPS, RFID

1. Introduction

Now a day's wireless communication system (GSM, UMTS, ZigBee) requires a compact antenna which is capable of operating at different bands. Fractal geometry antennas have been studied to answer those requirements [1]. The goal of this work is to research, analyze, and to implement the design of an antenna with the properties of fractal geometry which results in an antenna that resonates at multiple frequencies.

The fractal concept is used as a size reduction technique for different types of antennas such as dipoles, loops, patches, and so on leading to the development of fractal antenna [2]. Studies in this area establish that using fractal structure radiation pattern is much better as compared to the conventional antennas. Usually, a single antenna could work at a single frequency only means multi-band operation could be achieved by using multiple antennas only. Nowadays, to achieve multiband performance a fractal antenna structure is used because of its self-similar structure at different scales [3,4].

The proposed work aims to design a Sierpinski fractal antenna array to give the wide-band and frequency independent behaviour. Physical size of the antenna decides the radiation pattern, which is related to the wavelength of operating frequency. The geometry used in this proposed work is carpet structure or rectangular, which provides the multiband behaviour with improved bandwidth of the antenna. The dimensions of the antenna like, width (W), length (L), substrate dielectric constant are calculated and parameters such as reflection coefficient, VSWR and bandwidth have been studied by simulating the proposed

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Report on

“SOFT SKILLS”

Organized by

TRAINING AND PLACEMENT CELL

Title- Soft Skills

Event Type: Offline

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Objective of Program:

- By the end of the soft skills training program, the students should be able to:
- Develop effective communication skills (spoken and written).
- Develop effective presentation skills.
- Conduct effective business correspondence and prepare business reports which produce results.
- Become self-confident individuals by mastering inter-personal skills, team management skills, and leadership skills.
- Develop all-round personalities with a mature outlook to function effectively in different circumstances.
- Develop broad career plans, evaluate the employment market, identify the organizations to get good placement, match the job requirements and skill sets.
- Take part effectively in various selection procedures adopted by the recruiters.

Details of Program:

Training and Placement Cell of the College, organized soft skills training program in association with. Seventh Sense Talent Solution Bangalore Following topics covered during the soft skills program.

Here are the topics and the commercial below:-

Probability
Tenses
Para Jumbles
Cloze Passage
Technical
Logarithms+ Numbers
Geometry
Vocabulary+ Phrasal Verbs
Mensurations
Technical
Permutation Combination
Technical
Time and work
Technical

Dhananjay
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Guru Nanak Dev Engg. Inst., Panipat

Sentence Correction	
Technical	
Progressions	
Technical	
Time Speed and Distance	
Technical	
Simple Interest	
Technical	
Compond Interest	
Technical	
Technical	
Technical	
Equations	
Technical	
Profit and Loss	
Technical	
Percentages	
Technical	
Prepositions+ Vocabulary	
Technical	
Forms of voice and Speech	
Technical	


Dr. S. R. Dhananjay
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 Guru Nanak Dev Engg. College, Bidar

All the students of final year attended the program.

Program Outcome:

Resilience – learning to keep going when things don't go according to plan, coping with the unfamiliar, managing disappointment and dealing with conflict

Teamwork – learning to connect and work with others to achieve a set task

Leadership – assessing the requirements of a task, identifying the strengths within the team, utilising the diverse skills of the group to achieve the set objective, awareness of risk/safety

Communication – demonstrating clear briefing and listening skills, not being afraid to ask for help and support when necessary

Emotional maturity and emotional health – learning to handle emotions including tolerance and behavioural responses, building positive friendships and bonding with peers and classmates, learning to show understanding and to demonstrate respect for the opinions, personal space and beliefs of others

Confidence and enthusiasm for learning – developing self-motivation, raised aspirations and belief in one's own abilities, defining and committing to achieving one's goals

Share!

Guru Nanak Dev Ji

A session by Sausik Regional Manager AMCAT ,Bangalore on Aspiring minds of AMCAT on 9/4/18 for Pre final year student.

17

Department of Computer science and Engineering has organized a session on "Aspiring minds of AMCAT". This Session was organised by "Prof Rajshekar Gaithond , CSE Dept , "Prof.Ramesh Patil(HOD, CSE Dept) for Final year student.



Sausik Regional Manager interacting with students of sixth semester .

This session benefited the student in knowing about

1. What is AMCAT?
2. What makes us to get inspired to know about AMCAT.
3. Advantage of AMCAT.
4. What outcomes after knowing about AMCAT?
5. Lively interaction with trainer made student to feel much about AMCAT.

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GURU NANAK DEV ENGINEERING COLLEGE
Student Monthly Attendance Report

09-Apr-2018 To 09-Apr-2018 | Under Graduate | Computer Science and Engineering | 2017-2018 |
 Computer Science and Engineering | 6 Semester | A | 6001 - RAJSHEKAR GAITHOND | 15CS64 -
 OPERATING SYSTEM

For the Month: April 2018

Roll No.	Name	S t u d e n t	P	%
3GN14CS054	RACHANA rechana	✗	0	0
3GN14CS074	SANGEETA	✓	1	100
3GN14CS085	SIDDQUI SAYMA	✓	1	100
3GN15CS001	ADITYA DIXIT	✓	1	100
3GN15CS003	AISHWARYA	✓	1	100
3GN15CS006	ALIYA FARHEEN	✓	1	100
3GN15CS010	ANKITA	✓	1	100
3GN15CS013	AYESHA MAZHER	✓	1	100
3GN15CS015	AYESHA TAHREEM	✓	1	100
3GN15CS017	BETTAD SOUMYA	✓	1	100
3GN15CS020	BHANUPRIYA	✓	1	100
3GN15CS024	CHANDRAKALA KALBURKE	✓	1	100
3GN15CS026	DINESH	✓	1	100
3GN15CS027	GEETABAI MORE	✗	0	0
3GN15CS029	HARSHARANI	✓	1	100
3GN15CS030	HARSHITA	✓	1	100
3GN15CS032	IFRAH YAMEEN	✓	1	100
3GN15CS033	JOSHUA	✓	1	100
3GN15CS034	KAJAL HALMANDGE	✓	1	100
3GN15CS035	KEERTI POL	✓	1	100
3GN15CS036	KIRTI PATIL	✓	1	100
3GN15CS037	KULSUM KASHIFA	✓	1	100
3GN15CS038	LAVANYA	✓	1	100
3GN15CS039	LEKITHA K BAJAJ	✓	1	100
3GN15CS041	MAYURI ADEPPA	✓	1	100
3GN15CS045	MEGHA	✓	1	100
3GN15CS046	MONIKA REDDY	✓	1	100
3GN15CS047	NADA KHIZAR HASHMI	✓	1	100
3GN15CS048	NAGMANI MADNURE	✗	0	0
3GN15CS050	NIDA TAHREEM	✓	1	100
3GN15CS054	NISHA MULGE	✓	1	100
3GN15CS059	PANDURANG DAWARGAVE	✓	1	100
3GN15CS060	PATERSON SUNDER	✓	1	100
3GN15CS064	POOJA	✓	1	100
3GN16CS401	DURGA NARWATE	✓	1	100
3GN16CS402	MD.TAJAMMUL. SHAIK	✓	1	100
3GN16CS403	PUSHPA PUSHPA	✓	1	100
3GN16CS406	VARUN BAPPANNA	✓	1	100

Printed By markeste

Printed On 04-Sep-2021


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GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
Department of Electronics and Communication Engineering Department

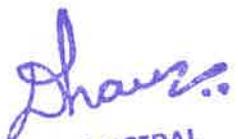
Date: 19-11-2021

Circular

All the 5TH and 7th semester students are hereby informed to attend workshop on “IoT Cloud Concepts and its Prototyping” from 23-11-2021 to 27-11-2021 without fail. Attendance will be recorded every day.


Coordinator
(Prof. Shilpa B)


HOD
(Dr. Md. Bakhar)


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Guru Nanak Dev Engineering College

Mailoor Road, Bidar-585403, Karnataka, India.

**Dept.of E&CE delighted to invite you to
the Inauguration of One-Week Workshop
on
"IoT Cloud Concepts & It's Prototyping"**

On Tuesday, 23-11-2021

**Chief Guest: Mrs. Reshma Kaurji,
Vice-Chairperson, GNDEC Bidar**

**Guest of Honor: Dr. Ravindra Eklarker
Principal, GNDEC Bidar**

**Resource Person: Mr.Rakesh Marturkar
Founder Indian Research Solution**

Venue: Mini Auditorium at 11 AM

**Prof.Shilpa B/ Prof. Pradeep K
Coordinators**

**Dr. Md. Bakhar
HOD (ECE)**

Dhawal
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Gmail

in:sent

Compose

Important

Chats

Sent

Drafts 5

All Mail

Spam 1,072

Categories

Meet

New meeting

Join a meeting

Hangouts

Shilpa +

Sachin BN Sent a message

in:sent

Invitation

Shilpa Biradar <biradar.shilpa8@gmail.com>
to marturkar.ec, pradeep

Dear sir,

It gives me a pleasure to invite you as Guest speaker to address o
knowledge from your expertise and experience.

The date for the workshop conducted by you will be from 23/11/202

Kindly communicate your acceptance at earliest. This will enable us

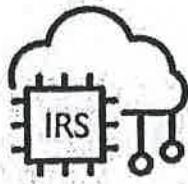
Thanking You,

Yours Sincerely,

Shilpa Biradar/Pradeep K
(Asst.Prof)
Co-ordinator
Intel Intelligent systems Lab
ECE dept.,GNDEC Bidar.

Reply Reply all Forward

Dhawal
PRINCIPAL
Guru Nanak Dev Engg. Coll. - Bidar



INDIAN
RESEARCH
SOLUTIONS
FOR BRIGHT FUTURE

Date: 18-11-2021.

To,
Prof. Shilpa Biradar/Pradeep K,
Co-Ordinators,
Intel Intelligence Systems Lab,
ECE Dept, GNDEC, Bidar.

Subject: Confirmation of my Acceptance for your Invitation as Guest Speaker for the workshop dated on 23-11-2021 to 27-11-2021.

Dear Sir/Madam,

I undersigned founder of Indian Research Solutions with this letter would like to Confirm my Acceptance for your Invitation as Guest Speaker for the workshop dated on 23-11-2021 to 27-11-2021. The Title for the 5.days workshop would be "Internet of Things (IOT) Cloud Concepts and its Prototyping".

Kindly find the enclosed document with this letter consisting of course outline details that is going to be covered during this 5.days workshop.

I look forward to attend as Resource Person and happy to Pearl the knowledge/contents of IOT to your students.

Thanking You,

Yours Faithfully

(Rakesh Marturkar)

Enclosures:

1. Details of Course Outline.

Dhawale
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Guru Nanak Dev Engg. College, Bidar



Shivratna Palace, Pala Badami Road, BETAGERI - GADAG - 582 102 (Karnataka)
+91 99024 24263 indianresearchsolutions@gmail.com



Search mail

Compose

Inbox

16

- Starred
- Snoozed
- Important
- Chats

Meet

- New meeting
- Join a meeting

Hangouts



Sachin BN



Confirmation of my Acceptance for yo on 23-11-2021 to 27-11-2021.

Inbox ×

Rakesh Marturkar

to me, pradeep, Ravindra, Mohammed

Dear Sir/Madam,

I would like to Confirm my Acceptance for your Invitation as Guest Speaker for the workshop dated on 23-11-2021 to 27-11-2021. The topic is "Internet of Things (IOT) Cloud Concepts and Its Prototyping".

Kindly find the enclosed document with this letter consisting of course material.

I look forward to attend as Resource Person and happy to Pearl the audience.

--
Thanks and Regards,

Rakesh Marturkar

Founder,

Indian Research Solutions.

3 Attachments



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GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

Department of Electronics & Communication Engg



COURSE OUTLINE



INDIAN
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For Five Days Workshop On

"Internet of Things (IOT) Cloud Concepts and its Prototyping"

Course Title:	Internet of Things (IOT) Cloud Concepts and its Prototyping
Course Duration:	5.Days
Pre-Requisites:	Technical Talk on IOT and ML.
Co-Requisites:	Hands-On Session with Arduino, Nodemcu and Raspberry Pi
Resource Person:	Rakesh Marturkar
Co-Originated By:	Prof. Shilpa Biradar, Prof. Pradeep Karanje
Revised By:	Dr. Mohammed Bakhar, H.O.D, Dept Of ECE, GNDEC, Bidar
Approved By:	Dr. Ravindra Ekarker, Principal, GNDEC, Bidar.

COURSE DESCRIPTION

Day-1

Session/Time	Topic/Content	Learning Outcome	Venue
Session 1 Time:12.00 PM to 1.30 PM (Dt:23/11/21)	Overview on IOT	Defination of IOT, IOT Scope, Potential of IOT,IOT Applications , Challenges, Future of IOT	Intel Intelligence System Lab
Session 2 Time:2.00 PM to 4.00 PM (Dt:23/11/21)	ARDUINO PROTOTYPING	Understanding Arduino IDE Environment, Learning Basic Programming Language required for Prototyping. Knowing Data Aggregation Methods Different Libraries for Various Analog Sensors, Digital Sensors and Automation Systems.	Intel Intelligence System Lab
Session 3 Time:4.00 PM to 6.00 PM (23/11/21)	NODEMCU	Cocepts of ESP8266, Installation of NODEMCU environment in Arduino IDE, Learning Basic Programming Language required for Prototyping. Knowing Data Aggregation Methods Different Libraries for Various Analog Sensors, Digital Sensors and Automation Systems.	Intel Intelligence System Lab
Session 4	PRINCIPAL <i>Dhawal</i>	Definition of Cloud Computing	

Time:9.00 AM to 1.00 PM (Dt:24/11/21)	BASICS OF CLOUD CONCEPTS	DEFINITION OF CLOUD, Understanding COAP And MQTT Protocols, Study of Various IOT enabled Clouds such as BLYNK, FIREBASE, ADAFRUIT I/O .etc	Intel Intelligence System Lab
Session 5 Time:1.30 PM to 5.30 PM (Dt:24/11/21)	IOT PROTOTYPING USING NODEMCU	Develop Home automation System, Weather Monitoring System, Water Level Controller, Soil Moisture Monitor, Robotic Arms, Heart Rate Monitor .etc	Intel Intelligence System Lab
Day-3			
Session 6 Time:9.00 AM to 1.00 PM (Dt:25/11/21)	IOT PROTOTYPING USING NODEMCU AND VIRTUAL IOT SIMULATORS	Learn how to Create Web Server, Controlling the Applications using Webserver, Overview on Virtual IOT ONLINE SIMULATORS	Intel Intelligence System Lab
Day-4			
Session 7 Time:1.30 PM to 5.30 PM (Dt:25/11/21)	INTRODUCTION TO RASPBERRY PI	Overview on Raspberry Pi, Installation and Configuration of RPI OS	Intel Intelligence System Lab
Session 8 Time:9.00 AM to 1.00 PM (Dt:26/11/21)	RASPBERRY PI APPLICATION DEVELOPMENT	Learn Python Programming, Understand Wireless Communication using RPI, Develop IOT Applications using RPI Such as Robot Arms, Controlling Appliances using RPI	Intel Intelligence System Lab
Session 9 Time:1.30 PM to 5.30 PM (Dt:26/11/21)	ADVANCED PROGRAMMING FOR IOT	Programming RPI to exchange Data, Programming RPI to Load data to Cloud, Showing Data on Webpage in LINE or Area Chart by Publishing Temperature and Humidity Sensor Data to AWS using DHT Sensor	Intel Intelligence System Lab
Day-5			
Session 10 Time:9.00 AM to 1.00 PM (Dt:26/11/21)	Building Commercial Applications Using RPI	Build Real Time Digital Signage Application,	Intel Intelligence System Lab
Session 11 Time:1.30 PM to 5.00 PM (Dt:26/11/21)	Machine Learning Using Tensor Flow.	Defination of Machine Learning, Overview on ML Tools, Installation of Tensor Flow Object Detection Using Tensor Flow.	Intel Intelligence System Lab

Dharm.
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GURU NANAK BEV ENGINEERING COLLEGE, BIDAR-585403.

SL NO.	USN	Student Name	23-11-2021	24-11-2021	25-11-2021	26-11-2021
			M	A	M	M
1	3GN19EC002	AI SHWARYA RATHOD	100%	100%	100%	100%
2	3GN19EC004	ANJALI BASWARA	100%	100%	100%	100%
3	3GN19EC006	ANKUR KUTTABADKAR	100%	100%	100%	100%
4	3GN19EC009	BASAVASHREE	100%	100%	100%	100%
5	3GN19EC013	JAGADISH	100%	100%	100%	100%
6	3GN19EC015	KAVYANJALI	100%	100%	100%	100%
7	3GN19EC019	MAHESHWARU	100%	100%	100%	100%
8	3GN19EC022	MD MOTESIM AHMED	100%	100%	100%	100%
9	3GN19EC023	NAGESHWARI	100%	100%	100%	100%
10	3GN19EC025	NAUSHHEEN HASSAN	100%	100%	100%	100%
11	3GN19EC027	NAZNEEN FATIMA	100%	100%	100%	100%
12	3GN19EC028	NIKHILESH	100%	100%	100%	100%
13	3GN19EC031	NITIN PATTI	100%	100%	100%	100%
14	3GN19EC032	NITISH MULGE	100%	100%	100%	100%
15	3GN19EC033	PADAMINAY SRINIVAS	100%	100%	100%	100%
16	3GN19EC034	PADMAVATI	100%	100%	100%	100%
17	3GN19EC045	SANYUKTA	100%	100%	100%	100%
18	3GN19EC047	SHAKHEEL	100%	100%	100%	100%
19	3GN19EC050	SONALI EKLARKER	100%	100%	100%	100%
20	3GN19EC054	SYED ADIL KHSSAINI	100%	100%	100%	100%
21	3GN19EC055	SYED MUTABA ALI	100%	100%	100%	100%
22	3GN19EC057	SYEDA JAWERIYA SHAHWAR	100%	100%	100%	100%
23	3GN19EC058	VAISHNAVI	100%	100%	100%	100%
24	3GN19EC063	VEERENDRA PATIL	100%	100%	100%	100%
25	3GN19EC064	VISHNU JOSHI	100%	100%	100%	100%
26	3GN19EC065	ZOHA MAHEEN	100%	100%	100%	100%
27	3GN19EC066	Gouri	100%	100%	100%	100%
28	3GN20EC401	Pallavi B	100%	100%	100%	100%

29 3GN20EC400 Bhagyashri

29

Chauhan

CIPAI
G. College, Bidar

SL NO.	USN	Student Name	23-11-2021	24-11-2021	25-11-2021	26-11-2021
1	3GN18EC001	Adithya Sheelvant	M	A	M	A
2	3GN18EC003	Aishwarya C	M	A	M	A
3	3GN18EC006	Ameeth Pashety	M	A	M	A
4	3GN18EC008	Archana	M	A	M	A
5	3GN18EC009	Asha	M	A	M	A
6	3GN18EC013	Gadgi Vishal	M	A	M	A
7	3GN18EC014	Jyothika	M	A	M	A
8	3GN18EC015	Kavya	M	A	M	A
9	3GN18EC018	Mahima Starlin	M	A	M	A
10	3GN18EC022	Nagaraj Biradar	M	A	M	A
11	3GN18EC024	P Gowri	M	A	M	A
12	3GN18EC025	Pahuljeet Kaur	M	A	M	A
13	3GN18EC027	Pallavi B	M	A	M	A
14	3GN18EC037	ROHIT KOTE	M	A	M	A
15	3GN18EC044	SHRUTI	M	A	M	A
16	3GN18EC047	SIDDHAMA EPA LAMBU	M	A	M	A
17	3GN18EC058	VAISHNAVI SINDOL	M	A	M	A
18	3GN18EC059	VEERESH	M	A	M	A
19	3GN19EC401	Humera Fatima	M	A	M	A
20	3GN19EC403	Samreen Sultan	M	A	M	A
21	3GN19EC629	Mahalaxmi	M	A	M	A
22	3GN18EC036	Rohit	M	A	M	A



GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
Department Of Electronics And Communication Engineering
Organizes Workshop
On
**"IOT CLOUD CONCEPTS
And IT'S PROTOTYPING"**

Resource Person :

Mr.Rakesh.M

Founder Indian Research
Solution

Date: 23-11-2021 to 27-11-2021

Coordinator

Prof.Shilpa/Prof.Pradeep.K

HOD (ECE)

Dr.Md.Bakhar

Principal

Dr.Ravindra.E

*Dhaw...
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**GURU NANAK DEV ENGINEERING COLLEGE,BIDAR.
E&CE DEPARTMENT**

A

Report on

“One Week Workshop”

Organized by

**“ECE Department Under Intel
Intelligent Systems Lab”**

From

DATE: 23/11/2021 to 27/11/2021

Dhananjay
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Guru Nanak Dev Engg. College, Bidar



GURU NANAK DEV ENGINEERING COLLEGE,BIDAR. E&CE DEPARTMENT

Title- "IoT cloud concepts & Its prototyping"

Date: 23/11/2021 to 27/11/2021

Time of event: 10:00 AM

Event Type: Offline

Objective of Program:

1. To Provide introduction to IoT
2. To Provide working knowledge of Raspberry Pi Platform
3. To make students to convert their IoT Product idea in to a working prototype.
4. To make students to learn various sub-fields and technology stacks of IoT

Resource Person:

Name: Mr.Rakesh Marturkar

Designation: Founder

Organization: Indian Research Solution

Importance of Internet of Things(IoT):

The internet of things refers to a network of physical devices, automobiles, home appliances and all those items that are used in conjunction with actuators, electronics, sensors, software and connectivity to enhance connection, collection and data exchange. The IoT provides a platform that creates opportunities for people to connect these devices and control them with big data technology, which in return will promote efficiency in performance, economic benefits and minimize the need for human involvement. It's the most important development of the 21st century.

IoT involves the extension of internet connectivity beyond personal computers and mobile devices. It can reach a wide range of non-internet enabled devices. Once the devices have been embedded with technology, they are brought to life and can communicate with each other through the internet. This means they can be monitored and controlled remotely.

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GURU NANAK DEV ENGINEERING COLLEGE,BIDAR. E&CE DEPARTMENT

Internet of Things in short IoT is a trending technological field that converts any electronic device into a smarter one. A lot of industries are beginning to adopt this technology on to their operations to increase their productivity and improve efficiency.

From washing machines to garage space in houses, IoT technology is bringing a large number of day-to-day objects into the digital fold to make them smarter.

Details of Program:

1. Introduction to IoT
2. Arduino basics
3. Arduino application development
4. NodeMCU and its application development
5. Raspberry Pi basics
6. Wireless communication on raspberry pi
7. Advanced programming for IoT

Program Outcome:

- Students have understood the basics of Internet of Things and its applications.
- Students have developed some simple projects.
- Students got knowledge of different sensors.
- Students have learned how to Setup IoT connectivity using ESP8266 WiFi Module
- Students gained programming skills of arduino,python.
- Creativity of the students is improved.

Number of Students participated:50

Number of faculty participated:02

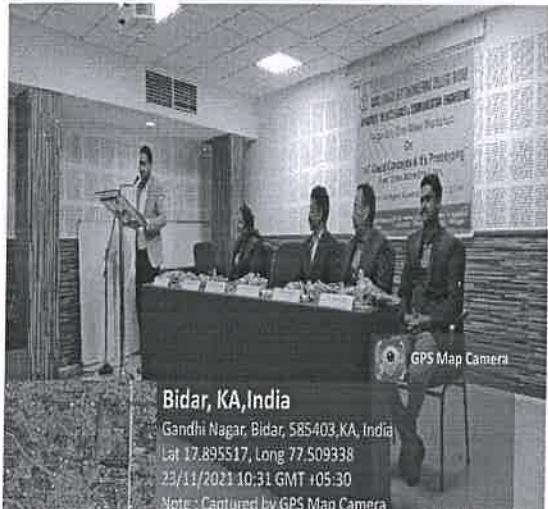
Photo Gallery:



A handwritten signature in blue ink, appearing to read "Shashi". Below the signature, the word "PRINCIPAL" is printed in capital letters. Further down, the text "Guru Nanak Dev Engg. College, Bidar" is written in a smaller, cursive font.



GURU NANAK DEV ENGINEERING COLLEGE,BIDAR. E&CE DEPARTMENT



Bidar, KA, India

Gandhi Nagar, Bidar, 585403, KA, India

Lat 17.895517, Long 77.509338

23/11/2021 10:31 GMT +05:30

Note : Captured by GPS Map Camera



Bidar, KA, India

Gandhi Nagar, Bidar, 585403, KA, India

Lat 17.895517, Long 77.509338

24/11/2021 11:01 GMT +05:30

Note : Captured by GPS Map Camera



Bidar, KA, India

Gandhi Nagar, Bidar, 585403, KA, India

Lat 17.895517, Long 77.509338

25/11/2021 10:15 GMT +05:30

Note : Captured by GPS Map Camera



Bidar, KA, India

Gandhi Nagar, Bidar, 585403, KA, India

Lat 17.895517, Long 77.509338

26/11/2021 10:15 GMT +05:30

Note : Captured by GPS Map Camera

Dhaw...
[Handwritten signature]

PRINCIPAL
Guru Nanak Dev Engg. College, B.O.



GURU NANAK DEV ENGINEERING COLLEGE, BIDAR.
E&CE DEPARTMENT

News Paper cutting:



ಬೆಂಗಳೂರು ಸರ್ಕಾರಿ ಡೇವಿಲೆಕ್ಟ್ ಮಹಾವಿದ್ಯಾಲಯದಲ್ಲಿ ಮಾರ್ಗವಾರ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಮತ್ತು ಸಮುದ್ರಸೀಕರಣ ವಿಭಾಗದಿಂದ ಪಾರ್ಯಾಫಾರ್ಗರ ಜರ್ನಲ್ ಸ್ಥಾಭಾಯಿ ಡಾ. ರಮೇಶ್ ಎಚ್. ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಡಾ. ಮಂಕುರ್ ಬಾಬರ್, ಶ್ರೀ ಶ್ರೀದೇವ್ ಕರಂತ್, ಶ್ರೀ ಶ್ರೀ ದೀಪಾದಾರ್, ಟಾಕ್ಸೆಂ ಮಾರ್ಗವಾರರ್ ಇತ್ಯಾದಿ.



ಬೆಂಗಳೂರು ಸರ್ಕಾರಿ ಡೇವಿಲೆಕ್ಟ್ ಮಹಾವಿದ್ಯಾಲಯದಲ್ಲಿ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಮತ್ತು ಸಮುದ್ರಸೀಕರಣ ವಿಭಾಗದ ವಿಭಾಗಿ ಅವೈಂದ ಅವೈಂದ ಸಿದ್ಧಾಂತಗಾರಕ್ಕೆ ಒಳಗೊಂಡಿರುತ್ತಿರು. ವ್ಯಾಖಯಾತ್ವ ಡಾ. ರಮೇಶ್ ಎಚ್. ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಡಾ. ಮಂಕುರ್ ಬಾಬರ್, ಶ್ರೀ ಶ್ರೀದೇವ್ ಕರಂತ್, ಸಂವನ್ನಲ ವ್ಯಕ್ತಿ ಪ್ರೋ. ರಾಹೇಂ ಮಾರ್ಗವಾರರ್ ಇತ್ಯಾದಿ.

Name of the Newspaper: Vijayvani
Date: 24/11/2021

Name of the Newspaper: Prajavani
Date: 25/11/2021

Signature of Program coordinator:

Name of Program/Event Coordinator: Shri/pa / Pradeep

Designation: Asst Prof

Department : ECE

HOD
(E&CE)

Dharmesh
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



COMPLETION OF TRAINING

9/26/2018 6:18:09 AM

Dear Kishore Vijayakumar,

Congratulations on completing the course "**Break the ICE: An introduction to creating your first bot**".

With this program, you have acquired the necessary skills to use Automation Anywhere's comprehensive enterprise-grade RPA and Digital Workforce Platform with built-in cognitive automation and analytics.

At Automation Anywhere, we believe that people who have more time to create, think and discover build great companies. We wish you continued success in all your endeavors.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Venkateswaran".

VP Digital Workforce & Transformation
Automation Anywhere, Inc.

Dharmesh
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



Address:
PO Box 640007
San Jose, CA 95164

url:
automationanywhereuniversity.com

Email:
learning@automationanywhere.com



COMPLETION OF TRAINING

9/26/2018 1:28:08 PM

Dear Hemavati Hunashyal Ninganna,

Congratulations on completing the course "**Hello Bot: Introduction to RPA**".

With this program, you have acquired the necessary skills to use Automation Anywhere's comprehensive enterprise-grade RPA and Digital Workforce Platform with built-in cognitive automation and analytics.

At Automation Anywhere, we believe that people who have more time to create, think and discover build great companies. We wish you continued success in all your endeavors.

Sincerely,

A handwritten signature in black ink, appearing to read "S. K. Sharath".

VP Digital Workforce & Transformation
Automation Anywhere, Inc.

A handwritten signature in blue ink, appearing to read "Dr. Sharath".

PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



COMPLETION OF TRAINING

09/25/2018

Dear Joshua Manohar,

Congratulations on completing the course "**Hello Bot: Introduction to RPA**".

With this program, you have acquired the necessary skills to use Automation Anywhere's comprehensive enterprise-grade RPA and Digital Workforce Platform with built-in cognitive automation and analytics.

At Automation Anywhere, we believe that people who have more time to create, think and discover build great companies. We wish you continued success in all your endeavors.

Sincerely,

A handwritten signature in black ink that appears to read "Joshua".

VP Digital Workforce & Transformation
Automation Anywhere, Inc.

A handwritten signature in blue ink that appears to read "Guru Nanak Dev Engg College Pidar". Below the signature, the words "PRINCIPAL" and "Jawaid" are printed in a smaller font.



Address:
PO Box 640007
San Jose, CA 95164

url:
automationanywhereuniversity.com

Email:
learning@automationanywhere.com



COMPLETION OF TRAINING

9/25/2018 8:40:11 AM

Dear Lekitha K Bajaj Kamal Kishor Bajaj,

Congratulations on completing the course "**Hello Bot: Introduction to RPA**".

With this program, you have acquired the necessary skills to use Automation Anywhere's comprehensive enterprise-grade RPA and Digital Workforce Platform with built-in cognitive automation and analytics.

At Automation Anywhere, we believe that people who have more time to create, think and discover build great companies. We wish you continued success in all your endeavors.

Sincerely,

VP Digital Workforce & Transformation
Automation Anywhere, Inc.

Lekitha
VP-Digital Workforce Transformation
Automation Anywhere, Inc.



Address:
PO Box 640007
San Jose, CA 95164

url:
automationanywhereuniversity.com

Email:
learning@automationanywhere.com



COMPLETION OF TRAINING

9/27/2018 1:32:29 AM

Dear Ganesh Ashok,

Congratulations on completing the course "**Hello Bot: Introduction to RPA**".

With this program, you have acquired the necessary skills to use Automation Anywhere's comprehensive enterprise-grade RPA and Digital Workforce Platform with built-in cognitive automation and analytics.

At Automation Anywhere, we believe that people who have more time to create, think and discover build great companies. We wish you continued success in all your endeavors.

Sincerely,

A handwritten signature in black ink, appearing to read "Suresh".

VP Digital Workforce & Transformation

Automation Anywhere, Inc.

A handwritten signature in blue ink, appearing to read "Dinesh".

PRINCIPAL
Guru Nanak Dev Engg. College, Jalandhar



20

GURU NANAK DEV ENGINEERING COLLEGE BIDAR

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

1. To enhance the bridge between industry skill and academics, this helps the students to be equipped with enhanced soft skills.
2. To train the students with soft skills
3. To introduce the A3 Hi-tech Operating systems to students
4. To provide Online Course to the students

A3 Hi-Tech Activity Details

A3 Hi-Tech ACADEMY LAB:

A3 Hi-Tech turns academic institutions into centers for enterprise-ready talent by outfitting them with **A3 Hi-Tech** training and certification. Institutions apply today Access platform. The main objective is to provide a platform to students, research scholars to have an experience on Red Hat Linux environment and its certificate courses to build career path.



Fig: 2018-19 A3 Hi-Tech Inauguration

Dhananjay
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

A

Report on

“

Workshop/Training on Enterprise Resource Planning & Development

”

Workshop

Organized by

“ISE Dept”

On

Dhawal
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

DATE: 26-09-2019



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Workshop/Training on Enterprise Resource Planning & Development

Title- " Workshop/Training on Enterprise Resource Planning & Development"

Date: 26-09-2018

Time of event: 9:00 AM to 5:00PM

Event Type: Offline

IOM/Circular:

Please attach the IOM or circular related to the event.

Event Poster:

Please attach the poster of the event.

Training outcomes

Students get from implementing an ERP include inventory control, customer relationship management, human capital management and order tracking as well.

Students get the implementation an ERP package as per their business needs, then they will surely get a lot of advantages from them. But previous to implementing ERP software, students are recommended to perform a proper research on a specific field. Opting for the right package of ERP software from a well-renowned vendor assures safety.

Profile of Resource person (if applicable):

Resource Person 1: Md Habeeb

Name: Designation: Director

Organization: A3 Hi-Tech

Dhawal
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



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Details of Program:

Enterprise Resource Planning or ERP is referred to a widely used software package to enhance the operational efficiency of a business resource.

ERP is nothing but a symphony of software modules, which help students to accomplish their business goals at a very faster rate. Based on the company needs and requirements, the implementation of an ERP is found to be done.

ERP has become a commonly applied software system in almost all sorts of industrial fields such as small, medium sized and even large companies.

Entrepreneurs create something new and unique—they change or transmute value. Regardless of the firm size, big or small, it can take part in entrepreneurship opportunities. There are four criteria to becoming an entrepreneur. First, there must be opportunities or situations to recombine resources to generate profit. Second, entrepreneurship requires differences between people, such as preferential access to certain individuals or the ability to recognize information about

Dhanvi
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

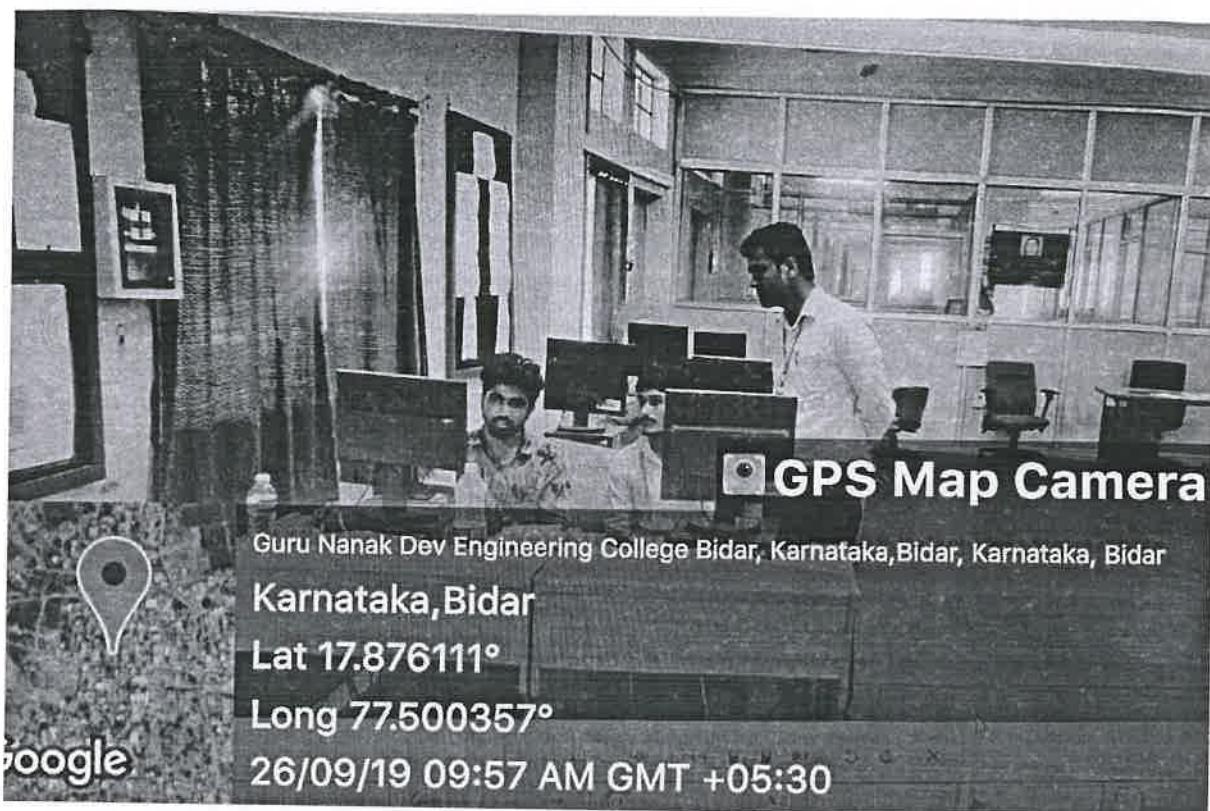


Fig: 2019-20 A3 Hi-Tech Training

Dharmendra
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Sno. No.	I.S.N	Student Name	Academic Year 2019-20
			Signature
1	3GN15IS008	BI BITAIMA	Dilshad
2	3GN15IS012	GAJANAND	Gajanan
3	3GN15IS019	MAHALAXMI	Mahalaxmi
4	3GN15IS023	NAZEEN BANU	Nazeen Banu
5	3GN16IS004	ASHWINI	Ashwini
6	3GN16IS007	FARIYA NOORAIN	Fariya
7	3GN16IS014	NADEEM SALEEM JAMADAR	Nadeem
8	3GN16IS015	MD SAQIB ROSHAN	Saqib
9	3GN16IS016	MD SUBOOR AHMED	Suboor
10	3GN16IS017	MD HUZAIFA HUSSAIN	Huzain
11	3GN16IS020	NIKITA T	Nikita
12	3GN16IS021	PALLAVI	Pallavi
13	3GN16IS023	NISHA PATIL	Nisha
14	3GN16IS030	SRADHA	Sratha
15	3GN16IS046	ROHIT KULKARNI	Rohit
16	3GN17IS003	ASNA KHANAM	Asna
17	3GN17IS004	ASRA BANU	Asra
18	3GN17IS005	ESHWARI	Eshwari
19	3GN17IS007	G DEEPAK KUMAR	Deepak
20	3GN17IS008	KHUSHBOO RAJPUT	Khushboo
21	3GN17IS009	M SHIVAPUTRA	Shivaputra
22	3GN17IS012	NEELAMBIKA	Neelambika
23	3GN17IS014	NEHA	Neha
24	3GN17IS017	PRAJWAL	Prajwal
25	3GN17IS019	REETU	Reetu
26	3GN17IS020	SAFA AMBREEN	Safaa
27	3GN17IS021	SAFA PARVEEN	Parveen
28	3GN17IS022	SALONI	Saloni
29	3GN17IS024	SANJALI MITHARE	Sanjali
30	3GN17IS025	SARDAR GAGANDEEP SINGH	Gagandeep
31	3GN17IS026	SHILPA	Shilpa
32	3GN17IS028	SHIVPRASAD	Shivprasad
33	3GN17IS030	SRIDALTA R PATIL	Sridalta
34	3GN17IS032	SYED MUJEEBUDDIN	Syed Mujeeb
35	3GN17IS034	TUBA NAAZ	Tuba
36	3GN17IS035	TUNGA	Tunga
37	3GN17IS036	VANSILA SINGH	Vansila
38	3GN17IS037	VEERESH	Veeresh

Department of Information
Science & Engineering
Guru Nanak Dev Engineering College
BIDAR-585403 (Karnataka)

Dhawal

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Guru Nanak Dev Engg. College, Bidar



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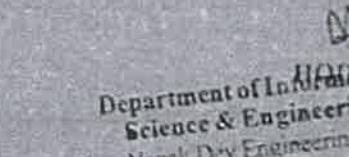
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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Date: 23/06/2018

CIRCULAR

All students and faculty members are hereby informed that Department of Information Science and Engineering organizing "Workshop/Training on Enterprise Resource Planning & Development" from 26/06/2018 (from 9:00 AM to 5:00 PM).


Department of Information
Science & Engineering
Guru Nanak Dev Engineering College
BIDAR-585 107 (Karnataka)


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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

A

Report on

“Post Pandemic Opportunities & Challenges for Engineers”

Expert Talk

Organized by

“ISE Dept”

On

DATE: 29-02-2020

Dhawal
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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Post Pandemic Opportunities & Challenges for Engineers

Title: Post Pandemic Opportunities & Challenges for Engineers

Date: 29-02-2020

Time of event: 11:00 AM

Event Type: Offline

IOM/Circular:

Please attach the IOM or circular related to the event.

Event Poster:

Please attach the poster of the event.

Training outcomes

Students need to learn how to work Post Pandemic Opportunities.

Student learns critical skills for IT Requirements

Bridges the technical skill gap between industry and educational institute.

Provides training to keep pace with technical industry needs

Profile of Resource person (if applicable):

Resource Person 1: Miss.Nanda

Name: Designation: Software Engineer

Organization: A3 Hi-Tech

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Details of Program:

The pandemic is another significant factor affecting the future of engineering careers in India. It has changed the demand for jobs and affected the types of knowledge and skills that will be needed from future engineering school graduates.

The development of a vaccine is a prime example of something that has had a transformative impact. Vaccine specialists have become a particularly important role. But you also need site reliability engineers and need people who have an engineering background to support the development and distribution of vaccines throughout the community.

Here are other ways the pandemic has changed engineering:

- Education: What is being taught, how to administer classes, and how students were being assessed must be remained. Lockdowns provided institutions with an opportunity to reconsider how things were being done and ways they could improve the education process.
- Changing workplace requirements: The pandemic created the need for new technology and systems to support the prevention and spread of COVID-19. Ventilation, air filtration systems, personal protective equipment, and innovations have come to the forefront. Engineers require new skills to create and innovate in these areas.
- Collaboration: The pandemic fostered an environment of collaboration. Companies, industries, countries and professionals from around the globe came together to solve pandemic-related problems. How companies operate will need to evolve to continue this level of collaboration.

Dharmendra Singh
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



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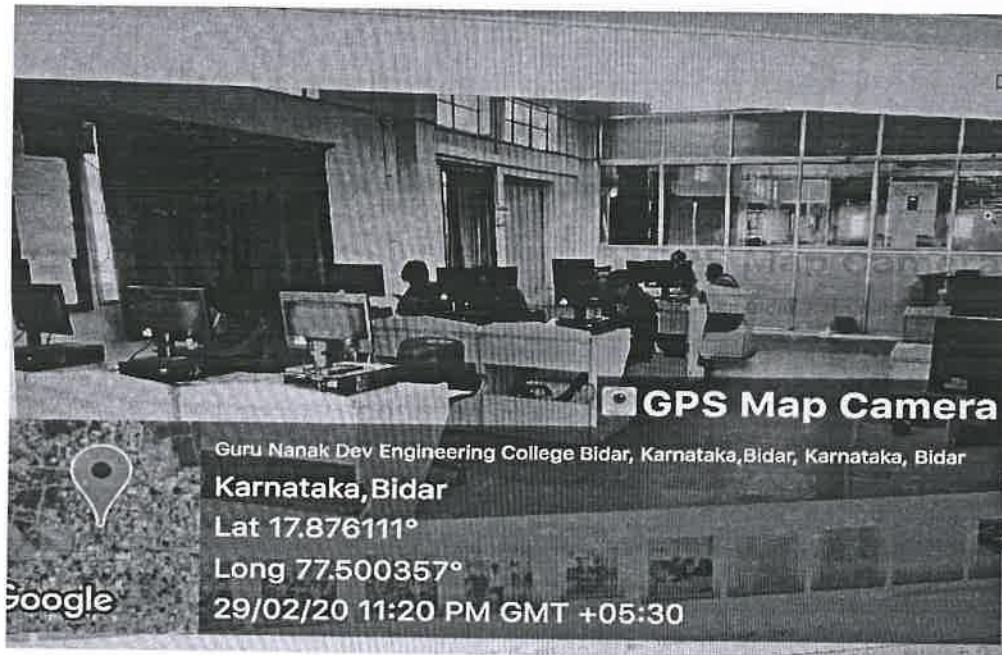
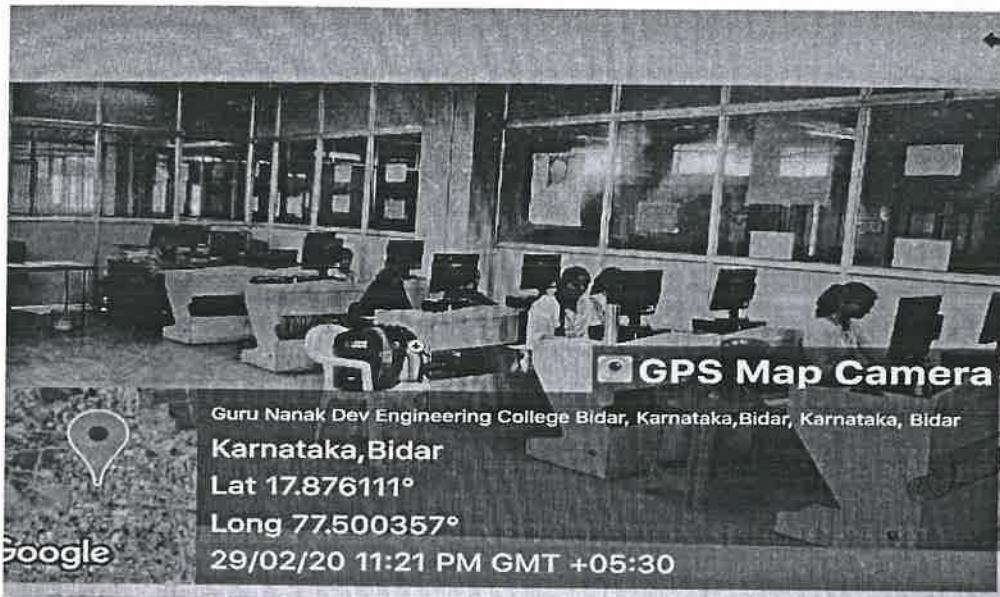


Fig: 2019-20 A3 Hi-Tech Training

Dhawal.
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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

GURU NANAK DEV ENGINEERING COLLEGE, BIDAR Information Science & Engineering Department Enrolment Card No. Panitkaran Opportunity N.A. Certificate for Enrolment Academic Year 2020-21			
S. No.	USN	Name of the Students	Signature
1	GN15IS001	HARIHAR KUMAR	Harihar
2	GN15IS007	B.DANABHAKARI	Danabakari
3	GN15IS008	BEBEDA LIMA	Bededa
4	GN15IS017	GAJANAND	Gajanand
5	GN15IS019	MALAVAMI	Malavami
6	GN15IS024	SUSHMEEVAN	Sushmeevan
7	GN16IS004	ANUWINI	Anuwini
8	GN16IS005	ASRA FAIRUZ	Asra Fairuz
9	GN16IS007	CARYA NOORAIN	Carya Noorain
10	GN16IS014	NADEEM SALIM	Nadeem Salim
11	GN16IS015	MME SAQIB ROSTAM	Mme Saqib Rostam
12	GN16IS016	MO SUDOOR AHMED	Mo Sudoor Ahmed
13	GN16IS017	MO HUZZAFA HUSSAIN	Mo Huzzafa Hussain
14	GN16IS020	NIKITA	Nikita
15	GN16IS021	PALLAVI	Pallavi
16	GN16IS023	NISHA PATHIL	Nisha Pathil
17	GN16IS030	SHRADHA	Shradha
18	GN16IS046	ROHIT KULKARNI	Rohit Kulkarni
19	GN17IS003	ASNA KHANAM	Asna Khanam
20	GN17IS004	ASRA BANO	Asra Bano
21	GN17IS005	ESHWARI	Eshwari
22	GN17IS007	G DEEPAK KUMAR	Deepak Kumar
23	GN17IS008	KHUSHROO RAIPUT	Khushroo Raiput
24	GN17IS009	M SHIVAPUTRA	Shivaputra
25	GN17IS012	NEPLAMBHIKA	Neplambhika
26	GN17IS014	NEHA	Neha
27	GN17IS017	PRAJWAL	Prajwal
28	GN17IS019	ROOFTU	Rooftu
29	GN17IS020	SABA AMBREEN	Saba Ambreen
30	GN17IS021	SABA PARVEEN	Saba Parveen
31	GN17IS022	SALONI	Saloni
32	GN17IS024	SANJALE MITHARE	Sanjale Mithare
33	GN17IS025	SARDAR GAGANDEEP SINGH	Gagandeep Singh
34	GN17IS026	SHIHPA	Shihipa
35	GN17IS028	SHIVPRASAD	Shivprasad
36	GN17IS030	SRIDATTAR K PATHI	Sridattar K Pathi
37	GN17IS037	SYED MUJAHIDULLAH	Syed Mujahidullah
38	GN17IS034	TUBA NAAZ	Tuba Naaz
39	GN17IS035	TUNGA	Tunga
40	GN17IS036	VANSITA SINGH	Vansita Singh
41	GN17IS037	VEERESH	Veeresh

HOD IS&E
Mr. Dinesh B. Patil
Guru Nanak Dev Engineering College
D.H.R.S.S.M.O.T (Karnataka)

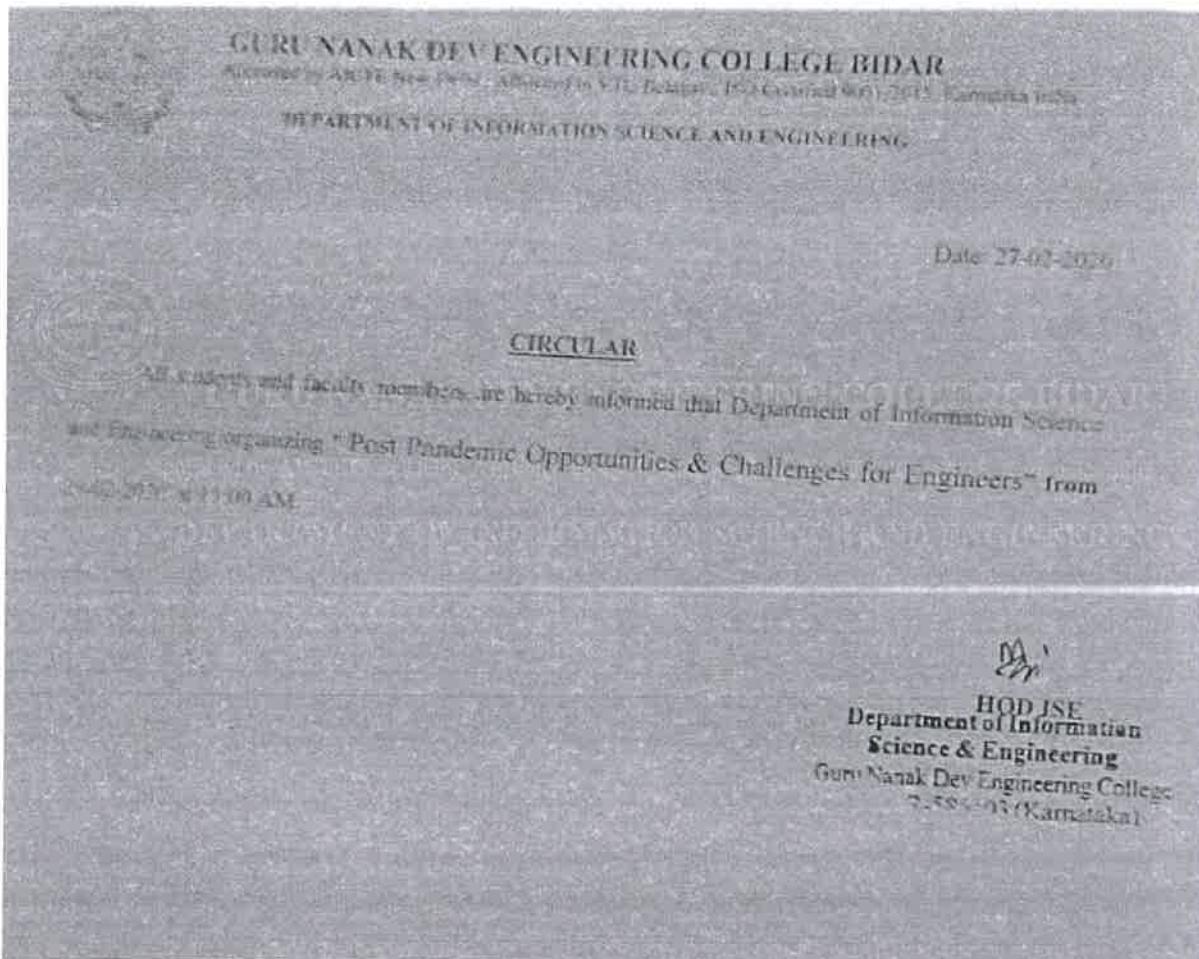
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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING



Dhawal
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



21

GURU NANAK DEV ENGINEERINGCOLLEGE, BIDAR

Department of Electrical and Electronics Engineering

GNDECB/EEE/2017-18/

Date: 04/01/2018

Circular

Dear Students,

I am pleased to announce that we will be organizing One month PGDIA Training by Prolific System Bengaluru from 9/01/2018 to 8/2/2018

So it is here by informed all the final year students to attend the session without fail and get the benefits of the same.

[HOD, EEE]

Department of Electrical
& Electronics Engineering
G.N.D. Engg. College, BIDAR

Copy to:

1. The Director Academics for kind information.
2. The Principal for kind information.
3. The Administrator GNDECB for kind information
4. Department Notice Board

DR. D. R. SHINDE
PRINCIPAL
Guru Nanak Dev Engg. College, BIDAR



GURU NANAK DEV ENGINEERINGCOLLEGE, BIDAR

Department of Electrical and Electronics Engineering

GNDECB/EEE/2020-21/

Date: 21.12.2017

To,

Mr. Kalikovan Trainer,
Profilic Systems and technologies

Subject: Invitation to deliver a seminar –reg..

With reference to the above subject, department of EEE, Guru Nanak Dev Engineering College, Bidar cordially invites you to conduct a One month PGDIA Training

We will be very kind of you, if you can send your acceptance along the date at the earliest.

Sincerely yours


Dr. Neelshetty K

HOD EEE

GNDEC, Bidar


Dr. Sharath K.
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

Acceptance Letter

To,

HOD EEE

GNDEC BIDAR

Subject: Acceptance to your Invitation to deliver a Seminar- regarding

As per the Invitation letter dated on 21.12.2017 , I am Accepting your invitation and I would like to conduct training program on , “PGDIA” from 9/01/2018 to 8/2/2018

Thanking you Sir

Yours faithfully



Mr. Kalikovan

Trainer ,

Profilic Systems and technologies



Dr. Sharad
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



GURU NANAK DEV ENGINEERINGCOLLEGE, BIDAR

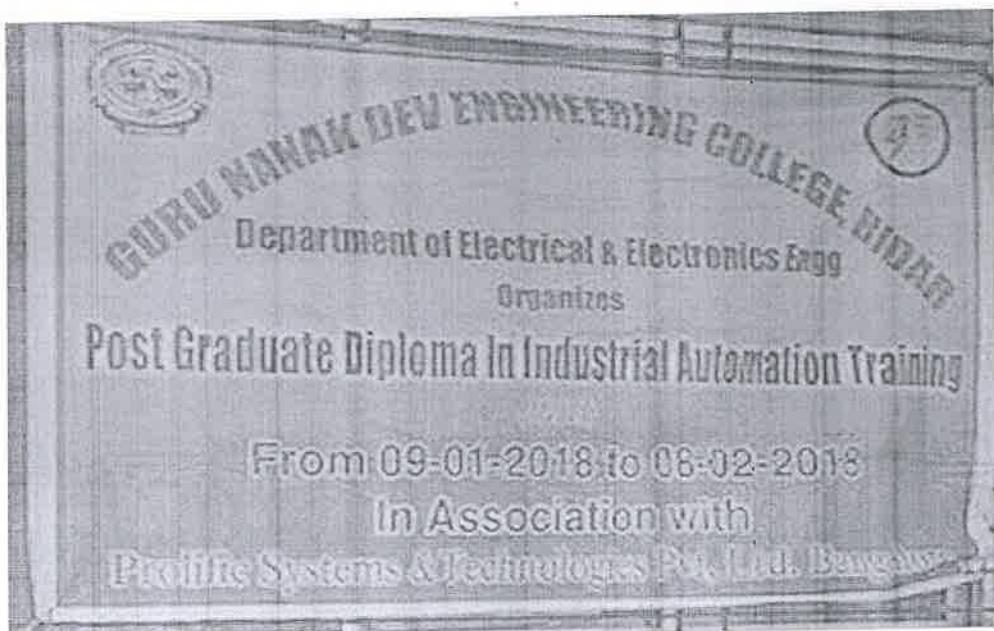
Department of Electrical and Electronics Engineering

About One month PGDIA from 09-01-2018 to 08-02-2018

In this course, you will learn Industrial Automation concepts and develop a project using PLC, hands-on. The PLC project that you develop will contain a pick & place robot and a conveyor belt system.

As a part of the course, you will build and program the PLC project in such a way that the robot can automatically pick and place components and works in sync with the conveyor belt system. You will also learn about:

1. PLC
2. SMPS
3. Relays & Motors
4. Programming the PLC



Dhawal
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

Resource Persons: Mr. Kalikovan & Team

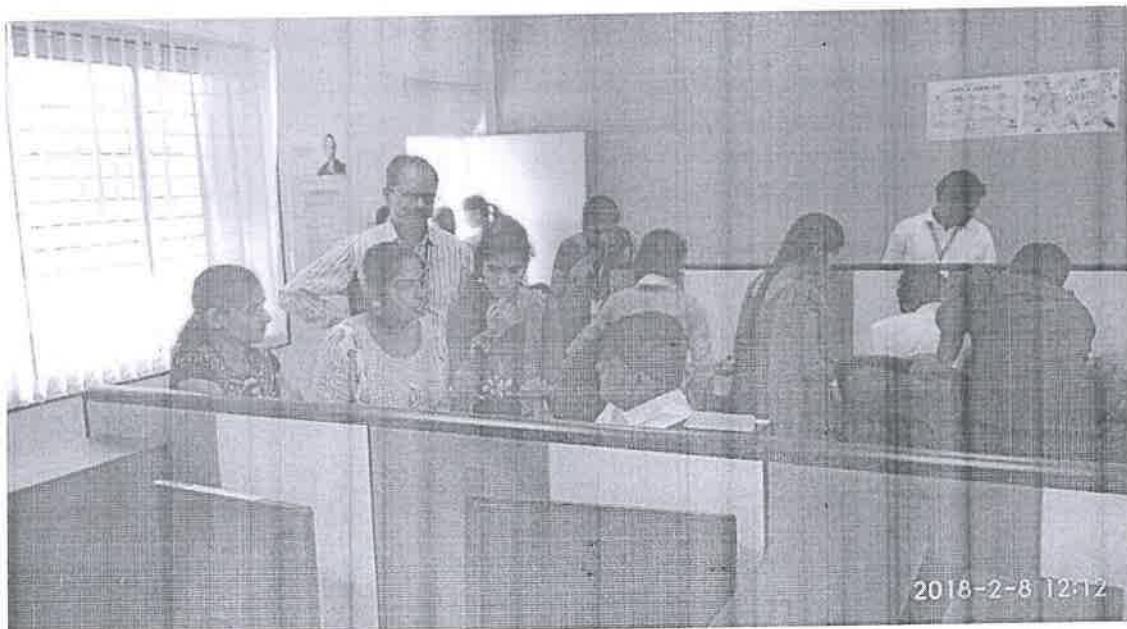
Prolific Systems & Technologies Pvt.Ltd , Bangalore

Topics Covered

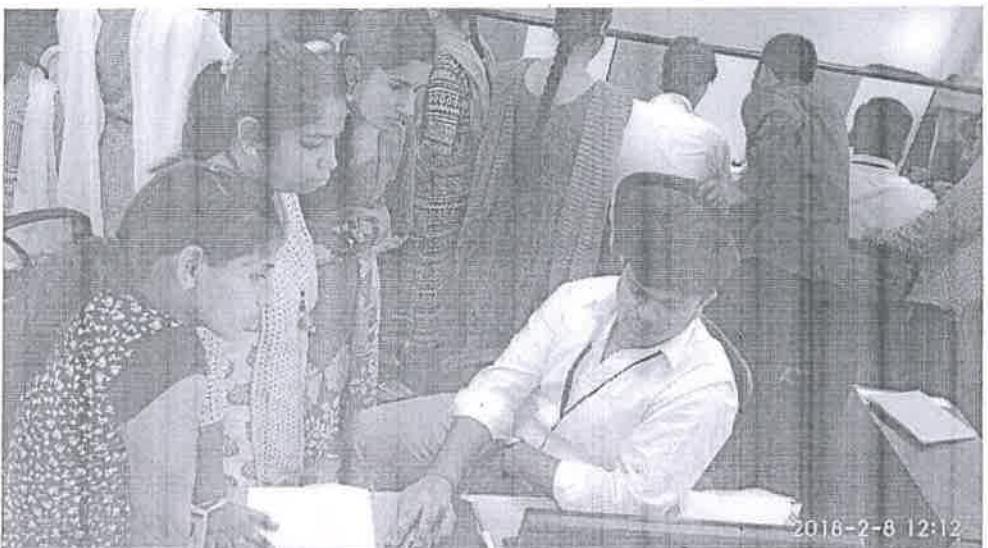
- Introduction to industrial automation
- Introduction to PLC
 - Internal Architecture of PLC
 - Introduction to SMPS
- Basics of PLC Programming
 - PLC programming concepts
 - Basic programming with PL Soft
- Pick & Place Robot using PLC
- Conveyor Belt using PLC
- Industrial Automation using PLC
- Programming logic for Industrial Automation project

What is PLC and how its works?

- A PROGRAMMABLE LOGIC CONTROLLER (PLC) is an **industrial computer control system** that continuously monitors the state of input devices and makes decisions based upon a custom program to control the state of output devices.



Dhawal
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



Draw
National
Engineering College
BIDAR
Recd
HOD (EEE)

**Department of Electrical
& Electronics Engineering
G.N.D. Engg College, BIDAR**

Number of Students Registered: 35

Number of Students Placed: 15

Number of Students Opted for Higher Studies or Competitive Exam Preparation: 20

(Handwritten)
HOD (EEE)
Department of Electrical
& Electronics Engineering
G.N.D. Engg. College, BIDAR

Dhawal
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



GURU NANAK DEV ENGINEERINGCOLLEGE, BIDAR

Department of Electrical and Electronics Engineering

GNDECB/EEE/2017-18/

Date: 16/09/2019

Circular

Dear Students,

I am pleased to announce that we will be organizing a one-Day Seminar on Industrial Automation on 21/09/2019 By Prolific Systems and technologies

So it is here by informed all the final year students to attend the session without fail and get the benefits of the same.



[HOD, EEE]

Department of Electrical
& Electronics Engineering
G.N.D. Engg College, BIDAR

Copy to:

1. The Director Academics for kind information.
2. The Principal for kind information.
3. The Administrator GNDECB for kind information
4. Department Notice Board



PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



GURU NANAK DEV ENGINEERINGCOLLEGE, BIDAR

Department of Electrical and Electronics Engineering

GNDECB/EEE/2019-20

Date: 14/09/2019

To,

**Mr.Senthil Kumar
Placement officer,
Prolific Systems & Technologies**

Subject: Invitation to deliver a seminar –reg.

With reference to the above subject, department of EEE, Guru Nanak Dev Engineering College, Bidar cordially invites you to deliver a seminar of your expertise topic to our students. We will be very kind of you, if you can send your acceptance along the date and topic of your interest at the earliest.

Sincerely yours

Dr. Neelshetty K

HOD EEE

GNDEC, Bidar

Draze
PRINCIPAL
Guru Nanak Dev EEE COLLEGE, Bidar

Acceptance Letter

To,

HOD EEE

GNDEC BIDAR

Subject : Acceptance to your Invitation to deliver a Seminar- regarding

As per the Invitation letter dated on 14th September 2019 ,I am Accepting your invitation and I would like to deliver a seminar on Industrial Automation on dated 21st September 2019

Thanking you Sir

Yours faithfully

Mr.Senthil Kumar Placement officer,

Prolific Systems & Technologies

Dhawal
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

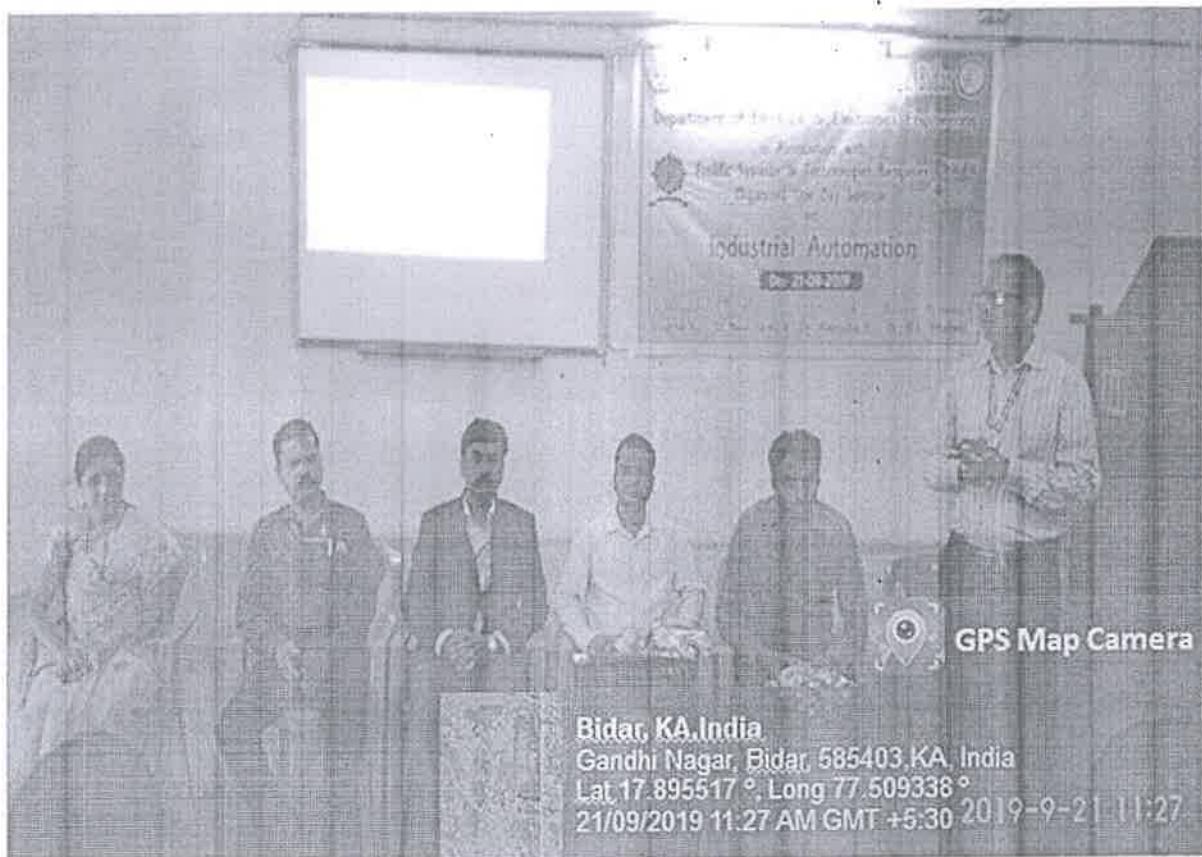


GURU NANAK DEV ENGINEERINGCOLLEGE, BIDAR

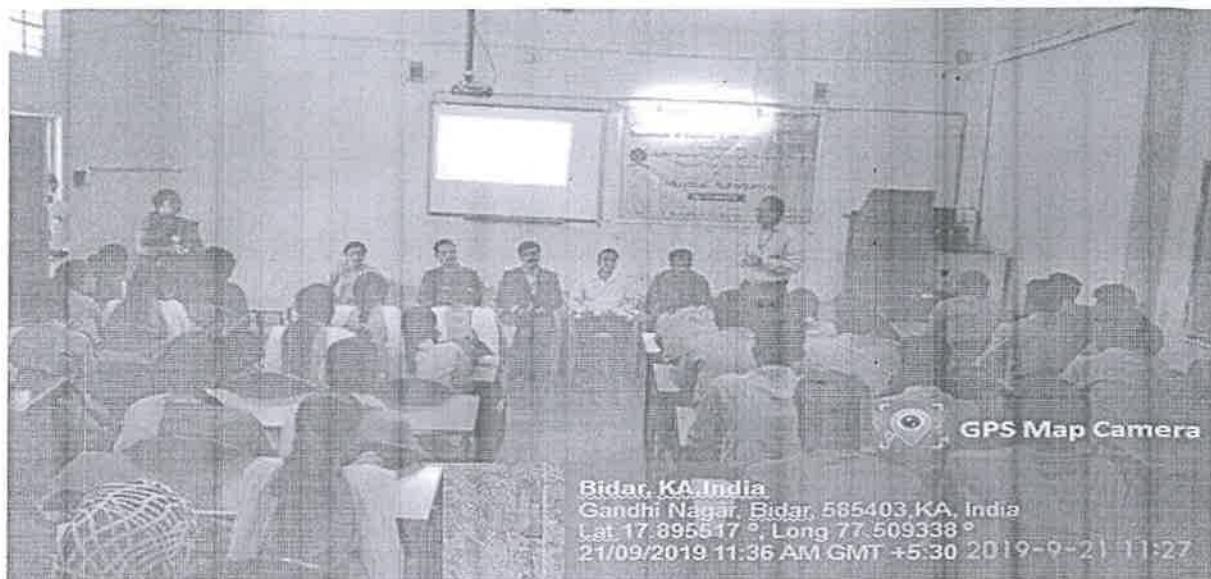
Department of Electrical and Electronics Engineering

Department of Electrical and Electronics Engineering has organized one day Seminar on 21/09/2019, This event is conducted by Mr.Senthil Kumar Placement officer, Prolific Systems & Technologies

- The students understood the importance of industrial automation, its need and demand in present industry.
- The students understood how automation process works i.e, how efficiently it eases the complexity of manual work by automating it by using simple “ladder logic”.
- The students came to know about the job opportunities available and the growing demand for automation engineers.
- Students were satisfied with the list of companies where the students trained by PROLIFIC were placed, also few students decided to join the course after completion of final exams.



Dhanvi..
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



GPS Map Camera

Bidar, KA, India

Gandhi Nagar, Bidar, 585403, KA, India

Lat 17.895517 °, Long 77.509338 °

21/09/2019 11:36 AM GMT +5:30 2019-9-21 11:27



GPS Map Camera

Bidar, KA, India

Gandhi Nagar, Bidar, 585403, KA, India

Lat 17.895517 °, Long 77.509338 °

21/09/2019 11:39 AM GMT +5:30 2019-9-21 11:27

(HOD CEE)

Department of Electrical
& Electronics Engineering
G.N.D. Engg College, BIDAR

Dhawal
PRINCIPAL
G.N.D. Engg. College, Bidar

22

List of students registered for RedHat Training Batch 1

Sl.No.	Mail id	First Name	Last Name
1	<u>pankaj_arya</u>	PANKAJ	ARYA
2	<u>pooja_bhalke</u>	POOJA	BHALKE
3	<u>pooja_kumbar</u>	POOJA	KUMBAR
4	<u>pooja_shree123</u>	VEERSHETTE POOJASHREE	UMAKANT
5	<u>priya_durgad</u>	PRIYA	DURGAD
6	<u>rachayya_swami</u>	RACHAYYA	SWAMY
7	<u>rashmi_joshi</u>	RASHMI	JOSHI
8	<u>ruman_khan</u>	MD RUMAN	KHAN
9	<u>rushikesh_chavan</u>	RUSHIKESH	CHAVAN
10	<u>saba_shireen</u>	SABA	SHIREEN
11	<u>sagal_khanuja</u>	SAGAL SINGH	KHANUJA
12	<u>sahana_06</u>	SAHANA	RAGHOJI
13	<u>saima21</u>	SAIMA	SAMREEN
14	<u>sakshi_dojode</u>	SAKSHI	DOIJODE
15	<u>samreen_fatima</u>	SAMREEN	FATIMA
16	<u>sana_mohammadi</u>	SANA	MOHAMMADI
17	<u>sangamesh_123</u>	SANGAMESH	HOUSHETTY
18	<u>sangamesh_h123</u>	SANGAMESH	HOUSHETTY
19	<u>saniya_mahveen</u>	SANIYA	MAHVEEN
20	<u>sanjana_gopale</u>	SANJANA	MANEGOPALE
21	<u>savita_s</u>	SAVITA	SHEELAVANTH
22	<u>shabari_rathod</u>	SHABARI	RATHOD
23	<u>shabista_mehrish</u>	SHABISTA	MEHRISH
24	<u>shah_pasha</u>	SHAH	PASHA
25	<u>shaik_huma</u>	SHAIK HUMA	FATIMA
26	<u>shaik_saadullah</u>	SHAIK	SAAD ULLAH
27	<u>sharan_sabarwal</u>	SHARAN SINGH	SABARWAL
28	<u>shashank_sye</u>	KS	SHASHANK
29	<u>sheetal_g123</u>	SHEETAL	G
30	<u>shivaganga_mantole</u>	SHIVAGANGA	MANTOLE
31	<u>shradha_patil</u>	SHRADHA	PATIL
32	<u>shreya_auradkar</u>	SHREYA	AURADKAR
33	<u>shreya_chalwa</u>	SHREYA N	CHALWA
34	<u>shruti_biradar</u>	SHRUTI	BIRADAR
35	<u>shruti_suman</u>	SHRUTI	SUMAN
36	<u>shujath_khan</u>	MD SHUJAATH	KHAN
37	<u>shweta_ambure</u>	SHWETA	AMBURE
38	<u>shweta_v123</u>	SHWETA	V
39	<u>siddalinga_4621</u>	SIDDALINGA	MANGA

40	singh_anmolpreet	ANMOLPREET	SINGH
41	sneha_patil	SNEHA	PATIL
42	sony_begere	SONY	BEGERE
43	soundarya_lachyan	SOUNDARYA	LACHYAN
44	srish_kulkarni	SRISH	KULKARNI
45	sudha_nidode	SUDHA	NIDODE
46	suluxshana_bellure	SULUXSHANA	BELLURE
47	suma_123	SUMA	MARK
48	sushma_h	SUSHMA	HUMNABADE
49	tnv_rohit	TAMMANA NAGA VENKATA	ROHIT
50	triveni_gandhe	TRIVENI	GANDHE
51	triveni_gandhe123	TRIVENI	GANDHE
52	tufail_md	TUFAIL	MOHAMMED
53	unsiya_maheen	UNSIYA	MAHEEN
54	vaishnavi_katkam	VAISHNAVI	KATKAM
55	vaishnavi_shinde	VAISHNAVI	SHINDE
56	vaishnavi_shinde123	VAISHNAVI	SHINDE
57	vaishnavi_wasre	VAISHNAVI	WASRE
58	vaishu_swamy	VAISHNAVI	SWAMY
59	vijaylaxmi123	VIJAYLAXMI	PATIL
60	vijaylaxmi_mathad	VIJAYLAXMI	MATHAD
61	vijaylaxmi_mathad123	VIJAYLAXMI	MATHAD
62	vinayashree_patil	VINAYASHREE	PATIL
63	yuvraj_patil	YUVRAJ	PATIL
64	zeeshan_khan123	ZEESHAN	KHAN

Nylar
 Department of Computer
 Science & Engineering
 Guru Nanak Dev Engineering College
 S.I.D.A R-384 403 (Karnataka)

Dhawal
 PRINCIPAL
 Guru Nanak Dev Engg. College, Bidar

List of students registered for RedHat Training Batch 2

Sl.No.	Mail id	First Name	Last Name
1	afreeenanjum123	AFREEN	ANJUM
2			
3	aishu_biradar	aishwarya	biradar
4	aishwarya_chalwa	aishwarya	chelva
5	aishwarya_patil	aishwarya	patil
6	aishwarya_reddy	aishwarya	reddy
7	aishwarya_sr123	AISHWARYA	SR
8	akash_mashetty	AKASH	MASHETTY
9	akshata_patil	akshata	patil
10	akshay9686	Akshay	Kumar
11	amandeep_kaur	Amandeep	kaur
12	amreen_naazneen	amreen	naazneen
13	apoorva_patil	APOORVA	S PATIL
14	apoorva_patil123	APOORVA	S PATIL
15	asna_kainath	ASNA KAINATH	AMAAN
16	ayesha_begum	AYESHA	BEGUM
17	basavapriya_kodage	Basavapriya	kodage
18	bhagyashree_bapure	bhagyashree	bapure
19	bhagyavanti_biradar	BHAGYAVANTI	BIRADAR
20	bikram_111	BIKRAM JEET	SINGH
21	deepika_biradar	DEEPIKA	BIRADAR
22	dinesh_kalse	DINESH	KALSE
23	divya_rani123	DIVYA	RANI
24	fatima_begum	FATIMA	BEGUM
25	ganesh_biradar	TUFAIL	MOHAMMED
26	giriya_patil	GIRIJA	PATIL
27	hafsa_fatima	hafsa	fatima
28	huzeifa_unnisa	HUZEFA	UNNISA
29	ibtesam_mahveen	IBTESAM	MAHVEEN
30	ibtesam_zarrine	IBTESAM	ZARRINE
31	imran_007	MD IMRAN	UDDIN
32	imran_21	MOHD IMRAN	AHMED
33	imran_mudasir	IMRAN	MUDASIR
34	irfan_hussain	MD IRFAN	HUSSAIN
35	kailash_shambhu	KAILASH	SHAMBHU
36	kavya_almaje	KAVYA	ALMAJE
37	kavya_dugane	KAVERI	DUGANE
38	kavya_janjeer	KAVYA	JANJEER
39	kevin_marshall	MARSHAL	KEVIN
40	kiran_jamadar	KIRAN	JAMADAR

41	<u>kiran_kanasnale</u>	KIRAN	KANASNALE
42	<u>konapur_anand</u>	ANAND	KONAPUR
43	<u>krishna_sonji</u>	KRISHNAKANT	SONJI
44	<u>kritika_jadhav</u>	KRITIKA	JADHAV
45	<u>lisha_patel</u>	LISHA	PATEL
46	<u>mahi_mj</u>	MAHESHWARI	JEEVANGI
47	<u>mamata_khashampure</u>	MAMATA	KHASHAMPURE
48	<u>manseepathak</u>	mansee	pathak
49	<u>mansi_joshi</u>	MANSI	JOSHI
50	<u>mdhaji_ali</u>	MOHAMMED HAJI	ALI
51	<u>mruttunjay_hallikhed</u>	MRUTTUNJAY	HALLIKHEDE
52	<u>mukesh_diy</u>	MUKESH	SANKHLA
53	<u>n@vpreet</u>	NAVPREET	SINGH
54	<u>nasrullah_khan</u>	MD NASRULLAH	KHAN
55	<u>nisha_belure</u>	NISHA	BELURE
56	<u>omkar_malkapure</u>	OMKAR	MALKAPURE
57	<u>ophelia_rnk</u>	OPHELIA	CHRISTOPHER
58	<u>pallavi_biradar</u>	PALLAVI	BIRADAR
59	<u>pankaj Arya</u>	PANKAJ	ARYA
60	<u>pooja_bhalke</u>	POOJA	BHALKE
61	<u>pooja_kumbar</u>	POOJA	KUMBAR
62	<u>pooja_shree123</u>	VEERSHETTE POOJASHREE	UMAKANT
63	<u>priya_durgad</u>	PRIYA	DURGAD
64	<u>rachayya_swami</u>	RACHAYYA	SWAMY
65	<u>rashmi_joshi</u>	RASHMI	JOSHI
66	<u>ruman_khan</u>	MD RUMAN	KHAN
67	<u>rushikesh_chavan</u>	RUSHIKESH	CHAVAN
68	<u>saba_shireen</u>	SABA	SHIREEN
69	<u>sagal_khanuja</u>	SAGAL SINGH	KHANUJA
70	<u>sahana_06</u>	SAHANA	RAGHOJI
71	<u>saima21</u>	SAIMA	SAMREEN
72	<u>sakshi_dojode</u>	SAKSHI	DOIJODE
73	<u>samreen_fatima</u>	SAMREEN	FATIMA
74	<u>sana_mohammadi</u>	SANA	MOHAMMADI
75	<u>sangamesh_123</u>	SANGAMESH	HOUSHETTY
76	<u>sangamesh_h123</u>	SANGAMESH	HOUSHETTY
77	<u>saniya_mahveen</u>	SANIYA	MAHVEEN
78	<u>sanjana_gopale</u>	SANJANA	MANEGOPALE
79	<u>savita_s</u>	SAVITA	SHEELAVANTH
80	<u>shabari_rathod</u>	SHABARI	RATHOD
81	<u>shabista_mehrish</u>	SHABISTA	MEHRISH
82	<u>shah_pasha</u>	SHAH	PASHA
83	<u>shaik_huma</u>	SHAIK HUMA	FATIMA
84	<u>shaik_saadullah</u>	SHAIK	SAAD ULLAH

Mulan
Department of
Science & Engineering
Guru Nanak Dev Engineering College
B.I.D.A.R-585 403 (Karnataka)

Dhawal
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

85	sharan_sabarwal	SHARAN SINGH	SABARWAL
86	shashank_sye	KS	SHASHANK
87	sheetal_g123	SHEETAL	G
88	shivaganga_mantole	SHIVAGANGA	MANTOLE
89	shradha_patil	SHRADHA	PATIL
90	shreya_auradkar	SHREYA	AURADKAR
91	shreya_chalwa	SHREYA N	CHALWA
92	shruti_biradar	SHRUTI	BIRADAR
93	shruti_suman	SHRUTI	SUMAN
94	shujath_khan	MD SHUJAATH	KHAN
95	shweta_ambure	SHWETA	AMBURE
96	shweta_v123	SHWETA	V
97	siddalinga_4621	SIDDALINGA	MANGA
98	singh_anmolpreet	ANMOLPREET	SINGH
99	sneha_patil	SNEHA	PATIL
100	sony_begere	SONY	BEGERE
101	soundarya_lachyan	SOUNDARYA	LACHYAN
102	srish_kulkarni	SRISH	KULKARNI
103	sudha_nidode	SUDHA	NIDODE
104	suluxshana_bellure	SULUXSHANA	BELLURE
105	suma_123	SUMA	MARK
106	sushma_h	SUSHMA	HUMNABADE
107	tnv_rohit	TAMMANA NAGA VENKATA	ROHIT
108	triveni_gandhe	TRIVENI	GANDHE
109	triveni_gandhe123	TRIVENI	GANDHE
110	tufail_md	TUFAIL	MOHAMMED
111	unsiya_maheen	UNSIYA	MAHEEN
112	vaishnavi_katkam	VAISHNAVI	KATKAM
113	vaishnavi_shinde	VAISHNAVI	SHINDE
114	vaishnavi_shinde123	VAISHNAVI	SHINDE
115	vaishnavi_wasre	VAISHNAVI	WASRE
116	vaishu_swamy	VAISHNAVI	SWAMY
117	vijaylaxmi123	VIJAYLAXMI	PATIL
118	vijaylaxmi_mathad	VIJAYLAXMI	MATHAD
119	vijaylaxmi_mathad123	VIJAYLAXMI	MATHAD
120	vinayashree_patil	VINAYASHREE	PATIL
121	yuvraj_patil	YUVRAJ	PATIL
122	zeeshan_khan123	ZEESHAN	KHAN

M/s.
 Department of Computer
 Science & Engineering
 Guru Nanak Dev Engineering College
 S.I.D.A.R.-585 403 (Mangalore)

Dhawal
 PRINCIPAL
 Guru Nanak Dev Engg. College, Bidar

Student Registration for 2021 Batch 2

<input checked="" type="checkbox"/>	Username	First Name	Last Name	Position	Department	Created	Updated
<input type="checkbox"/>	abhiject_devani	ABHIJEET	DEVANI	STUDENT	CSE	1/21/21 4:05 AM EST	9/17/21 2:51 AM EST
<input type="checkbox"/>	abhishek1818	abhishek	bhosle	student	CSE	1/20/21 10:57 PM EST	9/17/21 2:49 AM EST
<input type="checkbox"/>	aafreenanjum123	AFREEN	ANJUM	STUDENT	CSE	1/20/21 11:00 PM EST	9/17/21 2:51 AM EST
<input type="checkbox"/>	aishu_biradar	aishwarya	biradar	STUDENT	CSE	1/20/21 11:48 PM EST	9/17/21 2:51 AM EST
<input type="checkbox"/>	aishwarya_chalwa	aishwarya	chelva	STUDENT	CSE	1/20/21 11:12 PM EST	9/17/21 2:51 AM EST
<input type="checkbox"/>	aishwarya_patil	aishwarya	patil	STUDENT	CSE	1/20/21 11:15 PM EST	9/17/21 2:51 AM EST
<input type="checkbox"/>	aishwarya_reddy	aishwarya	reddy	STUDENT	CSE	1/20/21 11:05 PM EST	9/17/21 2:51 AM EST
<input type="checkbox"/>	aishwarya_sr123	AISHWARYA	SR	STUDENT	CSE	1/21/21 1:42 AM EST	9/17/21 2:49 AM EST
<input type="checkbox"/>	akash_mashetty	AKASH	MASHETTY	STUDENT	CSE	1/21/21 4:03 AM EST	9/17/21 2:51 AM EST
<input type="checkbox"/>	akshata_patil	akshata	patil	STUDENT	computer science	1/20/21 11:44 PM EST	9/17/21 2:49 AM EST
<input type="checkbox"/>	akshay9686	Akshay	Kumar	student	computer science engineering	1/20/21 10:51 PM EST	9/17/21 2:49 AM EST
<input type="checkbox"/>	amandeep_kaur	Amandeep	kaur	STUDENT	CSE	1/20/21 11:41 PM EST	9/17/21 2:49 AM EST
<input type="checkbox"/>	amreen_naazneen	amreen	naazneen	STUDENT	CSE	1/20/21 11:28 PM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	apoorva_patil	APOORVA	SPATIL	STUDENT	CSE	1/20/21 11:18 PM EST	9/17/21 2:51 AM EST


 Dr. Naveen
 Department of Computer
 Science & Engineering College
 Guru Nanak Dev Engineering College
 Sector 12 D, B-403 (Marsana),
 140049


 Dr. Gurpreet Singh
 PG-100, Guru Nanak Dev Engineering College
 Guru Nanak Dev Engineering College
 Sector 12 D, B-403 (Marsana),
 140049

<input type="checkbox"/> apoorva_patil123	APOORVA	S PATIL	STUDENT	CSE	1/20/21 11:19 PM EST	9/17/21 2:51 AM EST
<input type="checkbox"/> asna_kainath	ASNA KAINATH	AMAAN	STUDENT	CSE	1/21/21 12:24 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/> ayesha_begum	AYESHA	BEGUM	STUDENT	CSE	1/20/21 11:33 PM EST	9/17/21 2:50 AM EST
<input type="checkbox"/> basavapriya_kodage	Basavapriya	kodage	STUDENT	CSE	1/20/21 11:21 PM EST	9/17/21 2:50 AM EST
<input type="checkbox"/> bhagyashree_bapure	bhagyashree	bapure	Student	CSE	1/20/21 11:24 PM EST	9/17/21 2:50 AM EST
<input type="checkbox"/> bhagyavanti_biradar	BHAGYAVANTI	BIRADAR	STUDENT	CSE	1/20/21 11:30 PM EST	9/17/21 2:50 AM EST
<input type="checkbox"/> bikram_111	BIKRAM JEET	SINGH	STUDENT	CSE	1/21/21 4:42 AM EST	9/17/21 2:51 AM EST
<input type="checkbox"/> deepika_biradar	DEEPIKA	BIRADAR	STUDENT	CSE	1/20/21 11:36 PM EST	9/17/21 2:49 AM EST
<input type="checkbox"/> dinesh_kalse	DINESH	KALSE	STUDENT	CSE	1/21/21 1:58 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/> divya_rani123	DIVYA	RANI	STUDENT	CSE	1/21/21 1:15 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/> fatima_begum	FATIMA	BEGUM	STUDENT	CSE	1/21/21 1:27 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/> ganesh_biradar	TUFAIL	MOHAMMED	STUDENT	CSE	1/22/21 2:03 AM EST	9/17/21 2:51 AM EST
<input type="checkbox"/> girija_patil	GIRIJA	PATIL	STUDENT	CSE	1/21/21 2:08 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/> hafsa_fatima	hafsa	fatima	STUDENT	CSE	1/20/21 11:09 PM EST	9/17/21 2:50 AM EST
<input type="checkbox"/> huzefa_unnisa	HUZEFA	UNNISA	STUDENT	CSE	1/21/21 4:01 AM EST	9/17/21 2:49 AM EST



 Dr. Girija Patil
 Department of Computer
 Science & Engineering College
 Guru Nanak Dev Engineering College



 Principal
 Guru Nanak Dev Engg. College Faridkot

<input type="checkbox"/>	ibtesam_mahveen	IBTESAM	MAHVEEN	STUDENT	CSE	1/21/21 1:23 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	ibtesam_zarrine	IBTESAM	ZARRINE	STUDENT	CSE	1/22/21 2:09 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	imran_007	MD IMRAN	UDDIN	STUDENT	CSE	1/21/21 4:17 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	imran_21	MOHD IMRAN	AHMED	STUDENT	CSE	1/21/21 4:21 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	imran_mudasir	IMRAN	MUDASIR	STUDENT	CSE	1/21/21 1:49 AM EST	9/17/21 2:51 AM EST
<input type="checkbox"/>	irfan_hussain	MD IRFAN	HUSSAIN	STUDENT	CSE	1/21/21 4:19 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	kailash_shambhu	KAILASH	SHAMBHU	STUDENT	CSE	1/21/21 1:36 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	kavya_almaje	KAVYA	ALMAJE	STUDENT	CSE	1/21/21 1:53 AM EST	9/17/21 2:51 AM EST
<input type="checkbox"/>	kavya_dugane	KAVERI	DUGANE	STUDENT	CSE	1/21/21 2:14 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	kavya_janjeer	KAVYA	JANJEEER	STUDENT	CSE	1/21/21 1:29 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	kevin_marshall	MARSHAL	KEVIN	STUDENT	CSE	1/21/21 3:54 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	kiran_jamadar	KIRAN	JAMADAR	STUDENT	CSE	1/21/21 2:00 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	kiran_kanasnale	KIRAN	KANASNALE	STUDENT	CSE	1/22/21 2:11 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	konapur_anand	ANAND	KONAPUR	STUDENT	CSE	1/21/21 3:52 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	krishna_sonji	KRISHNAKANT	SONJI	STUDENT	CSE	1/21/21 3:49 AM EST	9/17/21 2:50 AM EST

Dhawani
 Department of Computer
 Science & Engineering Colle
 Science & Dev Engineering College, Bidar
 R-A.S.A 403 (Maramballi),
 Kurnool

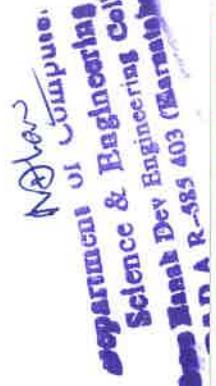
PRINCIPAL
 Guru Nanak Dev Engg. College, Bidar

<input type="checkbox"/> kritika_jadHAV	KRITIKA	JADHAV	STUDENT	CSE	1/22/21 2:05 AM EST	9/17/21 2:51 AM EST
<input type="checkbox"/> lisha_patel	LISHA	PATEL	STUDENT	CSE	1/21/21 3:58 AM EST	9/17/21 2:49 AM EST
<input type="checkbox"/> mahi_mj	MAHESHWARI	JEEVANGI	STUDENT	CSE	1/22/21 1:15 AM EST	9/17/21 2:51 AM EST
<input type="checkbox"/> manata_khashampure	MAMATA	KHASHAMPURE	STUDENT	CSE	1/21/21 3:47 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/> manseepathak	mansee	pathak	student	CSE	1/13/21 12:44 AM EST	9/17/21 2:51 AM EST
<input type="checkbox"/> mansi_joshi	MANSI	JOSHI	STUDENT	CSE	1/21/21 3:56 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/> mdhaji_ali	MOHAMMED HAJI	ALI	STUDENT	CSE	1/21/21 4:24 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/> mruttunjay_hallikhed	MRUTTUNJAY	HALLIKHEDE	STUDENT	CSE	1/21/21 2:02 AM EST	9/17/21 2:51 AM EST
<input type="checkbox"/> mukesh_diy	MUKESH	SANKHLA	STUDENT	CSE	1/21/21 4:11 AM EST	9/17/21 2:49 AM EST
<input type="checkbox"/> n@vpreet	NAVPREET	SINGH	STUDENT	CSE	1/21/21 4:45 AM EST	9/17/21 2:51 AM EST
<input type="checkbox"/> masrullah_khan	MD NASRULLAH	KHAN	STUDENT	CSE	1/21/21 4:08 AM EST	9/17/21 2:49 AM EST
<input type="checkbox"/> nisha_belure	NISHA	BELURE	STUDENT	CSE	1/21/21 12:38 AM EST	9/17/21 2:49 AM EST
<input type="checkbox"/> omkar_malkapure	OMKAR	MALKAPURE	STUDENT	CSE	1/22/21 2:14 AM EST	9/17/21 2:51 AM EST
<input type="checkbox"/> ophelia_rnk	OPHELIA	CHRISTOPHER	STUDENT	CSE	1/21/21 12:32 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/> pallavi_biradar	PALLAVI	BIRADAR	STUDENT	CSE	1/21/21 12:40 AM EST	9/17/21 2:49 AM EST


PRINCIPAL
 Guru Nanak Dev Engg. College, Bidar
Department of Computer Science & Engineering College
 Guru Nanak Dev Engg. College, Bidar
 K.R. Road, Bidar - 513 003 (Karnataka)

<input type="checkbox"/>	pankaj_arya	PANKAJ	ARYA	STUDENT	CSE	1/21/21 12:16 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	pooja_bhalke	POOJA	BHALKE	STUDENT	CSE	1/22/21 1:09 AM EST	9/17/21 2:51 AM EST
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<input type="checkbox"/>	pooja_shree123	VEERSHETTE POOJASHREE	UMAKANT	STUDENT	CSE	1/21/21 2:17 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	priya_durgad	PRIYA	DURGAD	STUDENT	CSE	1/21/21 12:04 AM EST	9/17/21 2:51 AM EST
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<input type="checkbox"/>	saba_shireen	SABA	SHIREEN	STUDENT	CSE	1/21/21 12:07 AM EST	9/17/21 2:51 AM EST
<input type="checkbox"/>	sagal_khanuja	SAGAL SINGH	KHANUJA	STUDENT	CSE	1/21/21 1:06 AM EST	9/17/21 2:51 AM EST
<input type="checkbox"/>	sahana_06	SAHANA	RAGHOJI	STUDENT	CSE	1/22/21 1:24 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	saima21	SAIMA	SAMREEN	STUDENT	CSE	1/21/21 12:36 AM EST	9/17/21 2:49 AM EST
<input type="checkbox"/>	sakshi_dojode	SAKSHI	DOJJODE	STUDENT	CSE	1/21/21 12:43 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	samreen_fatima	SAMREEN	FATIMA	STUDENT	CSE	1/21/21 12:45 AM EST	9/17/21 2:50 AM EST

<input type="checkbox"/>	sana_mohammadi	SANA	MOHAMMADI	STUDENT	CSE	1/21/21 12:35 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	sangamesh_123	SANGAMESH	HOUSHETTY	STUDENT	CSE	1/22/21 1:27 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	sangamesh_h123	SANGAMESH	HOUSHETTY	STUDENT	CSE	1/22/21 1:28 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	saniya_mahveen	SANIYA	MAHVEEN	STUDENT	CSE	1/21/21 12:48 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	sanjana_gopale	SANJANA	MANEGOPALE	STUDENT	CSE	1/21/21 12:52 AM EST	9/17/21 2:50 AM EST
<input type="checkbox"/>	savita_s	SAVITA	SHEELAVANTH	STUDENT	CSE	1/21/21 12:30 AM EST	9/17/21 2:50 AM EST
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<input type="checkbox"/>	shivaganga_mantole	SHIVAGANGA	MANTOLE	STUDENT	CSE	1/21/21 1:39 AM EST	9/17/21 2:49 AM EST


 Dr. Naveen Kumar
 Department of Computer
 Science & Engineering College
 Guru Nanak Dev Engg. College, Bidar
 Guru Nanak Dev Engineering College
 R-483 403 (Marrat)


 PRINCIPAL

Guru Nanak Dev Engg. College, Bidar

<input type="checkbox"/>	shradha_patil	SHRADHA	PATIL	STUDENT	CSE	1/22/21 2:31 AM EST	9/17/21 2:50 AM EST
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<input type="checkbox"/>	shweta_v123	SHWETA	V	STUDENT	CSE	1/22/21 2:29 AM EST	9/17/21 2:50 AM EST
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<input type="checkbox"/>	sneha_patil	SNEHA	PATIL	STUDENT	CSE	1/22/21 2:19 AM EST	9/17/21 2:50 AM EST

Displaying 1-100 of 123 total users

[First Page](#)[Previous](#)[12](#)[Next](#)[Last Page](#)

No evl

PRINCIPAL

Guru Nanak Dev Engg. College, P. J. G.

120

Department of Computer
Science & Engineering College
Guru Nanak Dev Engineering College
Panjab University, Sector 84, Gurdaspur 144001
Ph: 0172-22585445, 0172-22585446

Username	First Name	Last Name	Position	Department	Created	Updated
sony_begere	SONY	BEGERE	STUDENT	CSE	1/22/21 1:55 AM EST	9/17/21 2:49 AM EST
soundarya_lachyan	OUNDARYA	LACHYAN	STUDENT	CSE	1/21/21 4:53 AM EST	9/17/21 2:50 AM EST
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sushma_h	SUSHMA	HUMNABADE	STUDENT	CSE	1/22/21 2:26 AM EST	9/17/21 2:50 AM EST
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vaishu_swamy	VAISHNAVI	SWAMY	STUDENT	CSE	1/22/21 1:45 AM EST	9/17/21 2:50 AM EST
vijaylaxmi123	VIJAYLAXMI	PATIL	STUDENT	CSE	1/21/21 2:04 AM EST	9/17/21 2:51 AM EST
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vinayashree_patil	VINAYASHREE	PATIL	STUDENT	CSE	1/22/21 1:50 AM EST	9/17/21 2:50 AM EST

PRINCIPAL

Guru Nanak Dev Engg. College, P-17

Principal
Department of
Science & Engineering
Guru Nanak Dev Engineering College
Plot No. 404, Sector 123, Marathalli,
Bengaluru - 560 037

	Username	First Name	Last Name	Position	Department	Created	Updated
	yuvraj_patil	YUVRAJ	PATIL	STUDENT	CSE	1/22/21 2:16 AM EST	9/17/21 2:51 AM EST
	zeeshan_khan123	ZEESHAN	KHAN	STUDENT	CSE	1/21/21 12:57 AM EST	9/17/21 2:49 AM EST

146
1st

NOV/2021
 Department of Computer
 Science & Engineering College
 Science & Engineering College
 Sona Reshi Dev Engineering College
 B.I.D.A.R - 485 403 (Mauratia)
 M.P.

Dhawal

PRINCIPAL
 Sona Reshi Dev Engineering College

23

Ref. No.: GNDECB/CV/ACA/2017-18/

Date: 10/03/2018

CIRCULAR

All the faculties are hereby informed to attend the following training program to be conducted by "Infinity PMC Pvt Ltd" going to held from 16th to 19th March 2018.

Title of the training program – Project Management – Primavera P6 Software


HOD

HOD
Department Of Civil Engineering
GNDEC-BIDAR.


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GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
DEPARTMENT OF CIVIL ENGINEERING

To

02/03/2018

Mr. Janardhan
Trainer
Infinity PMC Private Ltd
Bangalore

Sub – FDP on Project Management – Primavera P6 Software

Respected Sir,

WRT above cited subject, May I kindly request your kind self to conduct the training program on Primavera software for faculties of Civil Engineering. This software is newly introduced in the VTU syllabus. Learning of this software enhances the soft skills of teachers and students.

Kindly note that this training is part of the signed MoU.

Hope you do the needful and oblige.

Thank you

HOD
Civil Engineering Department
HOD
Department Of Civil Engineering
GNDEC-BIDAR.

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GURU NANAK DEV ENGINEERING COLLEGE BIDAR

Mailoor Road, Bidar - 585403 (Karnataka)

Affiliated to Visvesvaraya Technological University, Belgaum

Approved by AICTE, New Delhi

ISO Certified Institute ISO 9001/2015



(Department of Civil Engineering)

Report of Faculty Development Programme

on

“PRIMAVERA”

Project Management Software

From 16th, 17th, and 19th March of 2k18

(Resource Person: Janardhan Reddy)

A three days Faculty development programme (FDP) was successfully conducted in the Guru Nanak Dev Engineering College on 16th, 17th and 19th march 2018 by Department of Civil engineering Engineering. The FDP programme received an overwhelming response with 21 participants from in & out of the college.

Date wise brief Report for each of the three days FDP programme is given below with the feedback at the end:

Date: 16th March 2018 (First Day)

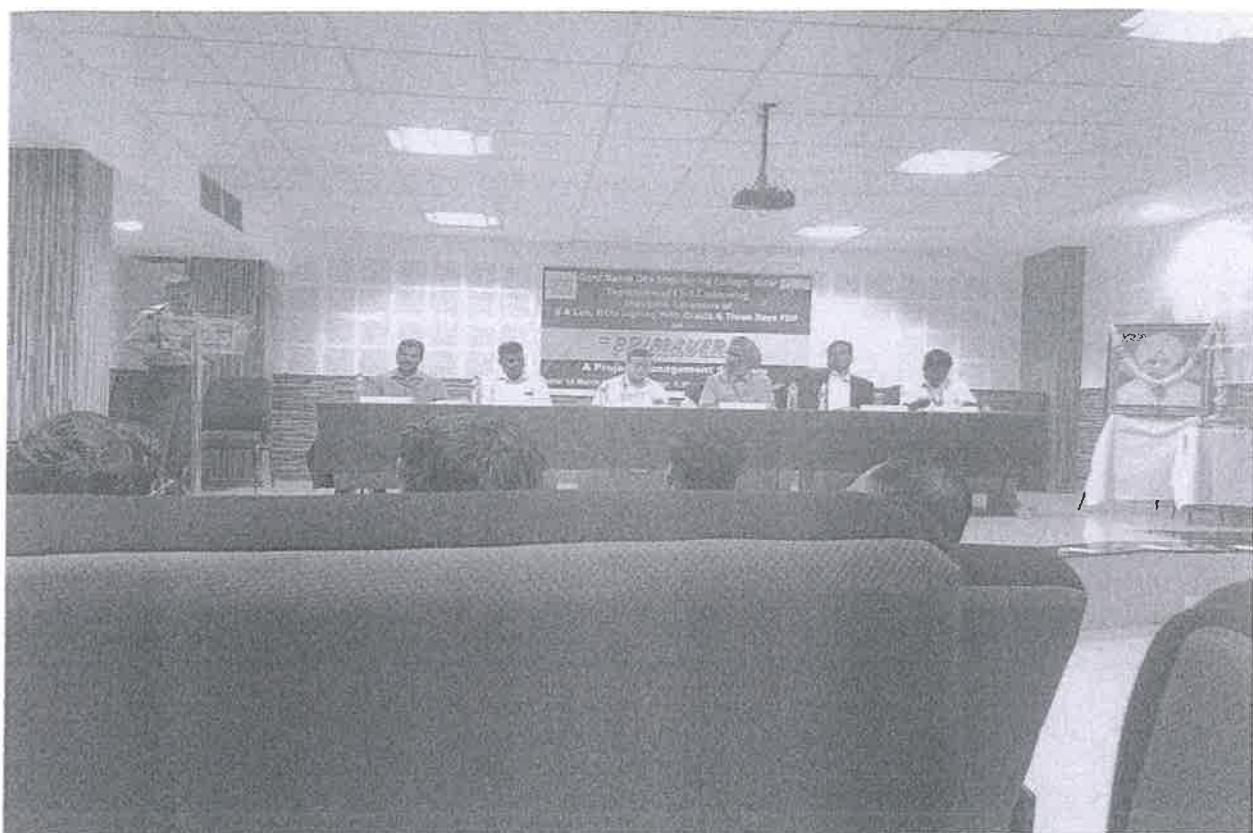
Inaugural Session

The programme was inaugurated in the morning at mini auditorium on 16th march 2018 by hands of **Mr. Veershetty Manage** (Chief guest and E C Member VTU Belagavi), **Janardhan Reddy** (Resource Person), **Dr. Ashok H. Biradar** (Principal), **S. Jagtar Singhji** (Administrator), **Dr. B.B. Kori** (HOD Civil) & **Prof. Umashankar Yaligar** (Coordinator, FDP)

In welcome speech, Prof. Manhor Dixit shared his views with the faculty participants that if faculty wants to develop themselves and their students, then attending such faculty development programmes would enhance their skills of teaching concepts practically.

In the inaugural speech, Mr. Veershetty manage shared that it helps to improve the performance of faculty in teaching and highlighted the importance and objectives of organizing faculty development programmes. He briefed the participants about the subjects chosen for the FDP and highlighted the reasons and importance of the same.

Dhanur.
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R to L: Prof. Umashankar , Mr Janardhan Reddy, Dr. Ashok H. Biradar, S. Jagtar Singhji,
Mr. Veershetty Manage, Dr. B.B. Kori,

In the inaugural speech, Dr. Ashok H Biradar shared his views on faculty development. He further added that this programme will provide special benefits to faculty members. The inauguration programme ended with vote of thanks by Mrs. Neha Kumari Beldhar.



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In the second session, resource person Janardhan reddy started his discussion with very basic idea of concept of management, CPM and PERT management Techniques. He shared little very important aspect to be considered while learning software. He highlighted the importance Primavera Software and gave idea about how to create EPS, WBS and projects. He shared his knowledge with participant using by power point presentation and various technique like giving examples etc. It helped to make subject fully understand and created interest among the participant.

Date: 17th March 2018 (Second Day)

On the second day, Janardhan reddy started his discussion on Add Activities, Schedule the Project, Create Activity Codes, Customize the Project and Roles and Resources. In the second session he gave assignment to faculty members to plan their own projects. Every faculty members gave good response to this assignment work and explained their subject objectives in detail one by one. After this assignment resource person examined them very well.



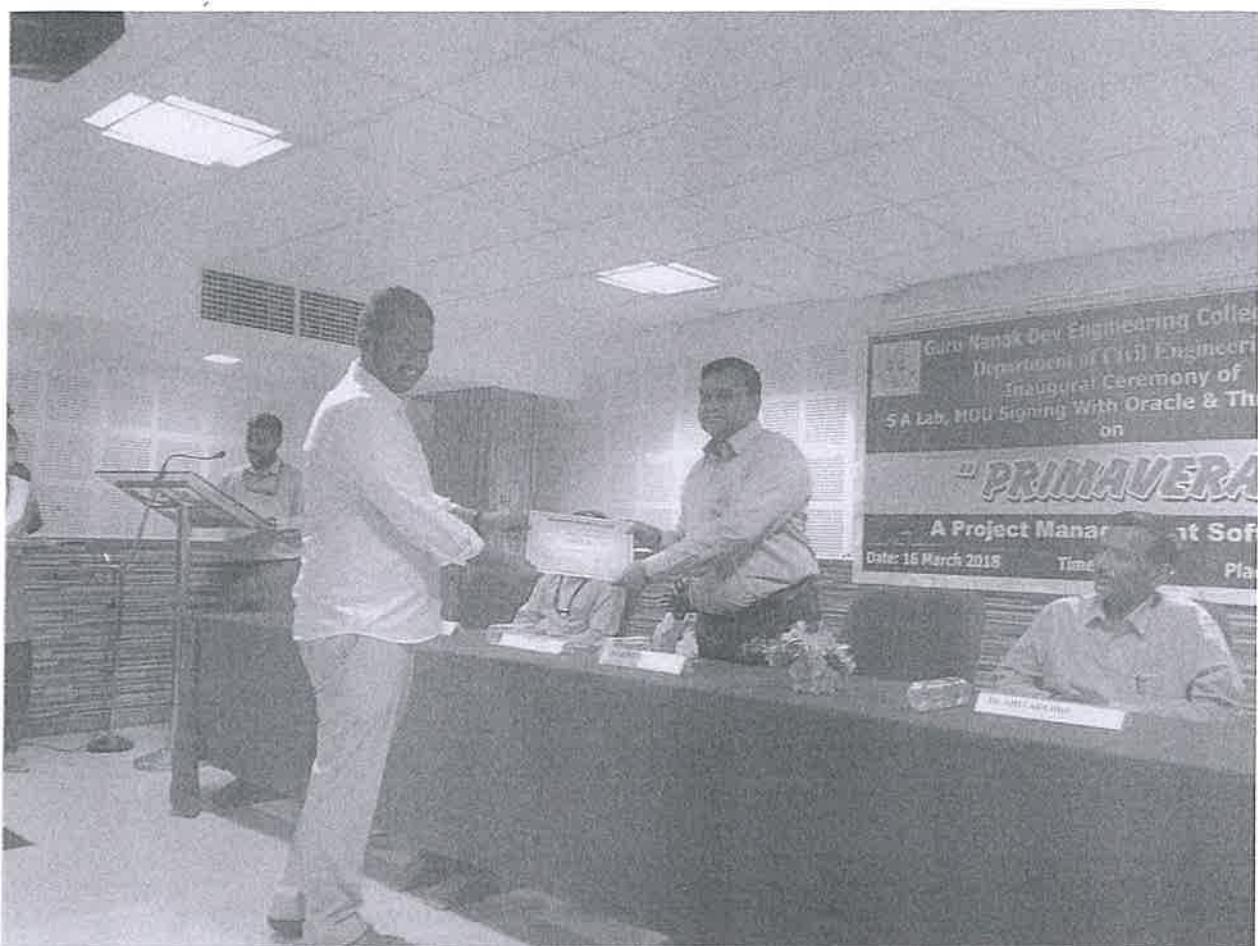
Date: 19th March 2017 (Third Day)

On the third day, Janardhan reddy highlighted the importance of Optimize the Project Plan, Baseline Management, Project Execution and Control, and Reporting in the management.

The programme was closed by valedictory function in the evening at mini auditorium on 19th march 2018 by hands of **Janardhan Reddy** (Resource Person), **Mr. Vinay kumar warkar**


Dr. J. S. Shastri
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

(Technical Head, Medini), **Dr. Ashok H. Biradar** (Principal), **Dr. B.B. Kori** (HOD Civil) & **Prof. Umashankar Yaligar** (Coordinator, FDP)



The following feedback was received from the participants:

1. 86% of the participants felt that the delivery and presentation of the resource person was good.
2. 90% of the participants were of the opinion that the FDP brought knowledge of the management subject in them.
3. 90% of the participants felt that the FDP was coordinated very well.
4. Participants felt that such FDP should be arranged regularly

Associate Coordinators

Prof. Vinod Krishna M Savadi

Prof. Puneeth Kumar Beladar

Prof. Uma Shankar Yaligar

(Coordinator-FDP)

DR. ASHOK H. BIRADAR
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



GURU NANAK DEV ENGINEERING COLLEGE BIDAR

24

MECHANICAL ENGINEERING DEPARTMENT

To,

Date: 31/10/2018

The Manager

MG Automotive Pvt Ltd

Zaheerabad-502228

Respected sir,

Subject: Request for permission to visit MG Automotive plant zaheerabad, Telangana state for Mechanical Engineering students of our college Reg./-

With reference to above cited subject I would like to inform you that, as part of the curriculum of mechanical engineering students, industrial visit is mandatory, to provide them the real insight of working procedures of esteemed organizations such as yours and to fulfill curriculum demand, you are requested to permit our final year students to visit your esteemed organization for a team of 77 students and 3 faculty members as per the norms of the organization on 10th and 11th Sep 2018.

Your coordination in this regard will not only help the cause of education but also strengthen the nation, awaiting for an early reply from your side is highly appreciated.

HOD
31.10.2018

Principal
Guru Nanak Dev Engg. College, Bidar.

Principal
Guru Nanak Dev Engg. College, Bidar.



GURU NANAK DEV ENGINEERING COLLEGE BIDAR

MECHANICAL ENGINEERING DEPARTMENT

Report

Date: 11/09/2018

Industrial visit

Students have witnessed various manufacturing processes, quality control measures, and design considerations which are used in the industry. This helps students to better understand the theoretical concepts learned in the classroom and apply them in real world scenarios. It also enhanced the exposure to new technology, team building, networking and career development.


Faculty In-charge

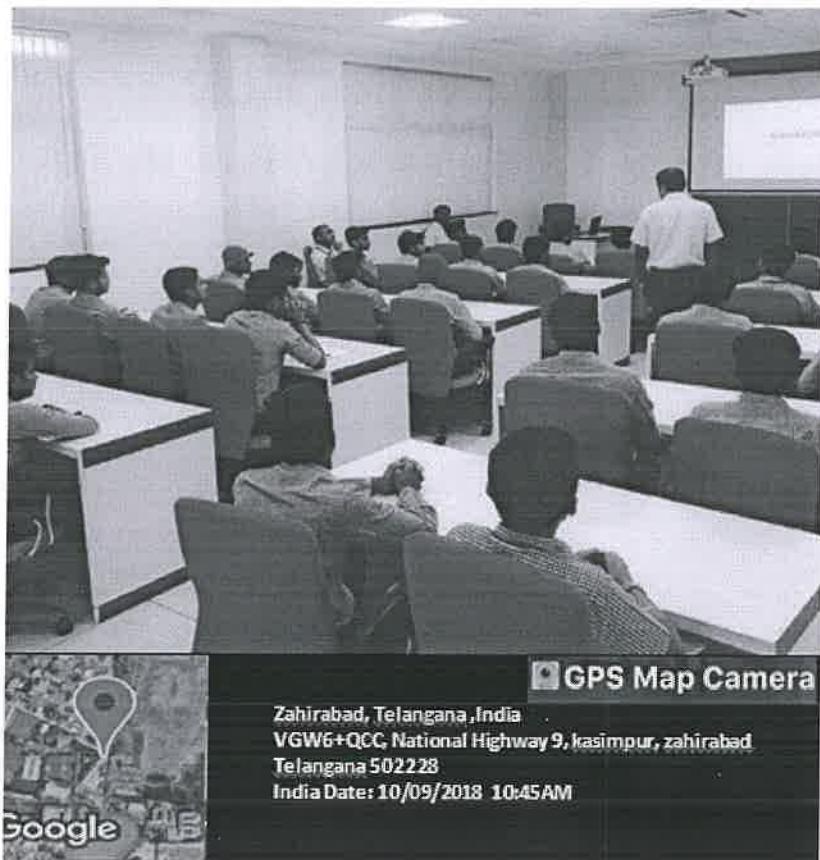

HOD
11/09/2018


PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



GURU NANAK DEV ENGINEERING COLLEGE BIDAR

MECHANICAL ENGINEERING DEPARTMENT

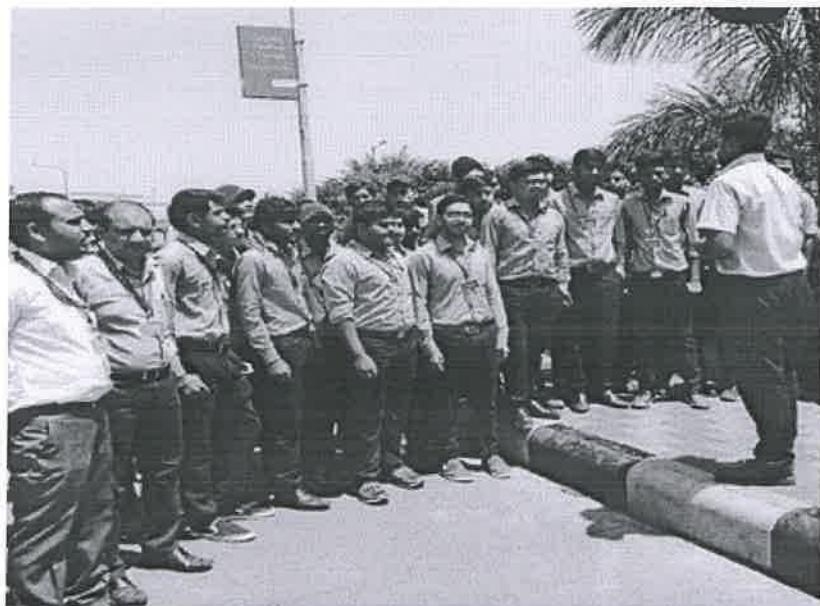


Dhananjay
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



GURU NANAK DEV ENGINEERING COLLEGE BIDAR

MECHANICAL ENGINEERING DEPARTMENT



GPS Map Camera

Zahirabad, Telangana, India
VGW6+QCC, National Highway 9, Kasimpur, zahirabad,
Telangana 502228
India Date: 11/09/2018 1:29PM

Dhawal
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



GURU NANAK DEV ENGINEERING COLLEGE BIDAR

MECHANICAL ENGINEERING DEPARTMENT

List of students participants

Sl.No.	USN	Name
1	3GN14ME014	Dayanand
2	3GN14ME047	Md.Saif Ulla Khan
3	3GN14ME093	Srikant
4	3GN14ME100	VigneshMathpati
5	3GN15ME001	Abdul Haneef
6	3GN15ME003	Ajay
7	3GN15ME004	Akash
8	3GN15ME005	Akash
9	3GN15ME006	Akash
10	3GN15ME007	Amar
11	3GN15ME011	Anil
12	3GN15ME012	Anket Kumar
13	3GN15ME014	AvinashSheelvanth
14	3GN15ME015	BasavaKiran
15	3GN15ME017	D.Veerbhadra
16	3GN15ME019	D.Solak Singh
17	3GN15ME020	Dnyaneshwar
18	3GN15ME027	Jatinderpal Singh
19	3GN15ME028	KarthikPhulsay
20	3GN15ME029	Krishna.T.
21	3GN15ME031	Lalappa
22	3GN15ME034	Mahadev
23	3GN15ME035	Mahesh
24	3GN15ME037	Manjunath
25	3GN15ME040	Md.Taher Ahmed
26	3GN15ME041	Md.AkramHussain
27	3GN15ME044	Md.Esa
28	3GN15ME050	Md.Tauseef Ahmed
29	3GN15ME051	Md.AbdulKhaleq
30	3GN15ME052	Md.Asif
31	3GN15ME054	Md.Imran Patel
32	3GN15ME061	Md.GaziMohiuddin
33	3GN15ME063	Md.RahmathUllah
34	3GN15ME065	Md.Zahoor A
35	3GN15ME067	Nikhil S Madake
36	3GN15ME068	Niteesh Kumar
37	3GN15ME071	Praveen
38	3GN15ME072	Praveen Kumar
39	3GN15ME073	Praveen Kumar
40	3GN15ME077	Ratan Kumar
41	3GN15ME082	Sachin
42	3GN15ME083	Sachin Biradar

Dhawani
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Guru Nanak Dev Engg. College, Bidar



GURU NANAK DEV ENGINEERING COLLEGE BIDAR

MECHANICAL ENGINEERING DEPARTMENT

43	3GN15ME084	Sangmesh
44	3GN15ME085	Sanjeev Kumar
45	3GN15ME086	Sanjeev Kumar
46	3GN15ME090	Sharat
47	3GN15ME091	Shivakumar
48	3GN15ME093	Shivanand
49 .. .	3GN15ME095	ShubhamRangdal
50	3GN15ME098	Soel
51	3GN15ME099	Sridhar
52	3GN15ME101	Sudhir Kumar Goit
53	3GN15ME102	Surjeet
54	3GN15ME103	S.Abdul.M.
55	3GN15ME107	S.S.MaazQuadri
56	3GN15ME109	Syed T.H.
57	3GN15ME118	Vishal
58	3GN15ME120	Yogesh
59	3GN16ME401	Deepak Biradar
60	3GN16ME402	Digamber
61	3GN16ME405	Lokesh
62	3GN16ME406	M.A.Mujaheed
63	3GN16ME407	Mahesh
64	3GN16ME408	Mallinath
65 .. .	3GN16ME410	Malreddy
66 .. .	3GN16ME411	Md.Ejazuddin
67	3GN16ME412	Nagaraj
68	3GN16ME413	Narsing
69	3GN16ME414	Naveen
70	3GN16ME415	Rahul
71	3GN16ME416	Ravikumar
72	3GN16ME417	Sainath
73	3GN16ME419	Shivkumar
74	3GN16ME420	Siddappa.R.
75	3GN16ME421	Siddappa.J.
76	3GN16ME424	Manikesh
77	3GN16ME423	Zaibullakhan


Faculty In-charge


HOD


PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

To,

Date: 31/12/2021

The Manager

MG Automotive Pvt Ltd

Zaheerabad-502228

Respected sir,

Subject: Request for permission to visit MG Automotive plant zaheerabad, Telangana state for Mechanical Engineering students of our college Reg./-

With reference to above cited subject I would like to inform you that, as part of the curriculum of mechanical engineering students, industrial visit is mandatory, to provide them the real insight of working procedures of esteemed organizations such as yours and to fulfill curriculum demand, you are requested to permit our final year students to visit your esteemed organization for a team of 30 students and 3 faculty members as per the norms of the organization on 10th and 11th Jan 2022.

Your coordination in this regard will not only help the cause of education but also strengthen the nation, awaiting for an early reply from your side is highly appreciated.


HOD


PRINCIPAL
Principal
Guru Nanak Dev Engg. College, Bidar


PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

Report

Industrial visit

Students have witnessed various manufacturing processes, quality control measures, and design considerations which are used in the industry. This helps students to better understand the theoretical concepts learned in the classroom and apply them in real world scenarios. It also enhanced the exposure to new technology, team building, networking and career development.



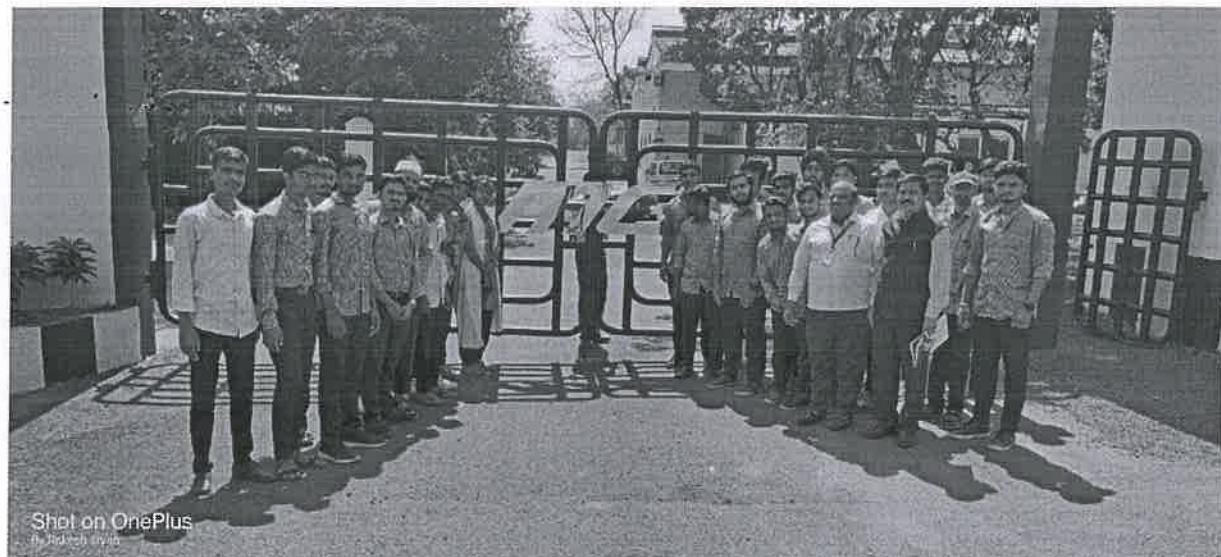
Faculty In-charge



HOD



PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

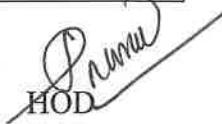


Dhawal
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

List of students participants

1	3GN21ME001	AJAY
2	3GN21ME002	AKSHAY KUMAR
3	3GN21ME003	ANANYA
4	3GN21ME004	CHANDRAKANTH REDDY
5	3GN21ME005	GOLLA ANURAG
6	3GN21ME006	MARSHAL PREET SINGH
7	3GN21ME007	MD. KAMALUDDIN ANAS
8	3GN21ME008	POLAKI RAKESH
9	3GN21ME009	SACHIN
10	3GN21ME010	SAIKRISHNA
11	3GN21ME011	SANGMESH REDDY
12	3GN21ME012	SATISH
13	3GN21ME013	SHELKE KRISHNA DANAJI
14	3GN21ME014	SYED EJAZ
15	3GN21ME015	SAYED FAHIM U HAQ


Faculty In-charge


HOD


PRINCIPAL
Guru Nanak Dev Engg. College, Birla



GURU NANAK DEV ENGINEERINGCOLLEGE, BIDAR

25-

Department of Electrical and Electronics Engineering

GNDECB/EEE/2017-18/

Date: 22/02/2018

Circular

Dear Students,

I am pleased to announce that we will be organizing a seminar on Embedded System, IOT and PCB design on 25-02-2018 By Dattatreya Sarawade , Technical trainer, in association with Apsis Solutions. So it is here by informed all the pre final year students to attend the session without fail and get the benefits of the same.

[HOD, EEE]

Department of Electrical
& Electronics Engineering
G.N.D. Engg. College, BIDAR

Copy to:

1. The Director Academics for kind information.
2. The Principal for kind information.
3. The Administrator GNDECB for kind information
4. Department Notice Board



GURU NANAK DEV ENGINEERINGCOLLEGE, BIDAR

Department of Electrical and Electronics Engineering

GNDECB/EEE/2017-18/

Date: 20/02/2018

To,

Dattatreya Sarawade ,
Technical trainer,
Apsis Solutions.

Subject: Invitation to Conduct Seminar on Embedded System, IOT and PCB design-reg..

With reference to the above subject, department of EEE, Guru Nanak Dev Engineering College, Bidar cordially invites you to conduct a seminar on Embedded System, IOT and PCB design. We will be very kind of you, if you can send your acceptance along the date at the earliest.

Yours Sincerely


Dr. Neelshetty K

HOD EEE

GNDEC, Bidar


PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

Acceptance Letter

To,

HOD EEE

GNDEC BIDAR

Subject: Acceptance to your Invitation to deliver a seminar - Reg

As per the Invitation letter dated on 20.02.2018, I am accepting your invitation and I would like to deliver a seminar on Embedded System, IOT and PCB design on 25th Feb 2018.

Thanks & Regards



Dattatreya Sarawade,

Technical Trainer,
Apsis Solutions.



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Guru Nanak Dev Engg. College, Bidar



GURU NANAK DEV ENGINEERINGCOLLEGE, BIDAR

Department of Electrical and Electronics Engineering

Title- "Embedded System, IOT and PCB design"

Date: 25-02-2018

Time of event: 11:00 AM

About the activity:

Objective of Program:

1. To understand the embedded systems design cycle.
2. To Identify top challenges in embedded system design

Program Outcome:

The students were able to understand the concept of embedded system, PCB design and its role in IoT.

Description

Embedded systems refer to electronic products that are based on microcontrollers. They possess computational logic, memories, communications, I/O peripherals and are usually used for a specific function. A washing machine is an embedded system. The same goes for your smartphone, security access system, vending machine, and possibly any 'intelligent' appliances.

Embedded systems design is the process where hardware and firmware designers come together to build embedded systems from scratch. This involves PCB design, where the necessary components are connected to build functional circuits.

PCB

PCB design is a delicate process and the designer needs to apply best practices for functionality, manufacturability, and reliability. PCB design gets complicated when you're working on a high-speed microcontroller and/or mixed-signal circuits. High-speed designs give rise to problems like EMI, and mixed-signal designs require proper ground separation and noise-coupling mitigation measures.

An IoT embedded system is an embedded system that has internet connectivity. Another word for what is IoT embedded system is a "smart" device. A touch screen and a keyboard are not necessary to define a device as an IoT embedded system, although these peripherals can also be attached.

Dhananjay
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

Examples of single-purpose IoT embedded systems include:

- Kiosk devices
- POS solutions
- Self-checkout systems

Embedded systems for IoT use cases are widely used in retail, consumer products, automotive, healthcare, and many other industries.

The role of embedded system in IoT

The embedded system in IoT devices is the hardware of the device: All IoT devices are built on top of embedded systems. Building IoT devices on the same hardware used for personal computers would be prohibitively expensive and is also unnecessary. The existence of embedded systems such as the Single Board Computers (SBC) Raspberry Pi, Rock Pi 4B, and others, means that IoT computing devices can be created on a small scale (one to 100,000 devices) while still keeping costs low.

Photo Gallery:

The image consists of two parts. On the left is a rectangular poster for a seminar. At the top, it says "GURU NANAK DEV ENGINEERING COLLEGE, BIDAR" with a logo. Below that, it says "(Affiliated to VTU, Belagavi Approved by AICTE, New Delhi ISO 9001/2015)". In the center, it says "Department of Electrical and Electronics Engineering". Below that is a portrait of a man. To the right of the portrait, it says "In Association with Apsis Solutions". Below that, it says "Organizes Seminar on". Underneath that, it lists "Resource Person: Mr. Dattatre Saravade", "Date & Time: 25-02-2018 11 AM", and "Topic: Embedded System, IOT and PCB Design". At the bottom, it lists "Shubha Kulkarni" as Coordinator, "Dr. Neelshetty K" as HOD EEE, and "Dr. Ashok H Bidar" as Principal. On the right side of the image is a black and white photograph of a seminar room. A man is standing at a podium, speaking to an audience seated in rows of chairs. A projector screen is visible in the background.

Dr. Neelshetty K
HOD EEE ,GNDEC, Bidar

**Department of Electrical
& Electronics Engineering**
G.N.D. Engg College, BIDAR

PRINCIPAL
Guru Nanak Dev Engg. College, Bidar



GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

Department of Electrical and Electronics Engineering

ATTENDANCE LIST

Date: 25-02-2018

The following VI SEM students were attended to the Seminar.

SL.NO.	USN	NAME OF THE STUDENT	SEMESTER
1	3GN15EE003	AKSHATA	VI
2	3GN15EE006	APPARAO PATIL	VI
3	3GN15EE007	AZHARUDDIN	VI
4	3GN15EE008	BASAVA PATIL	VI
5	3GN15EE014	JAGDISH	VI
6	3GN15EE017	JYOTI	VI
7	3GN15EE019	KIRAN	VI
8	3GN15EE020	KISHORE	VI
9	3GN15EE021	MAHUMMED SUFYAN	VI
10	3GN15EE025	MUKUND	VI
11	3GN15EE027	NAGRAJ KODLI	VI
12	3GN15EE030	PAWAN REDDY	VI
13	3GN15EE031	POOJA	VI
14	3GN15EE032	PRABHAVATHI	VI
15	3GN15EE033	RAJANI	VI
16	3GN15EE034	RAJKUMAR	VI
17	3GN15EE035	ROHIT REDDY	VI
18	3GN15EE037	SACHIN BIRADAR	VI
19	3GN15EE038	SACHINKUMAR	VI
20	3GN15EE039	SAGAR	VI
21	3GN15EE040	SAHANA HANGARGI	VI
22	3GN15EE041	SANDHYARANI	VI
23	3GN15EE042	SANIKA	VI
24	3GN15EE043	SANTOSHI	VI
25	3GN15EE044	SATISH	VI
26	3GN15EE046	SHAIKH ASLAM	VI
27	3GN15EE047	SHRADHA	VI
28	3GN16EE400	ADARSH REDDY	VI

Dhar
PRINCIPAL
G.N.D. Engg. College, Bidar

Ceed
Department of Electrical & Electronics Engineering
G.N.D. Engg. College, BIDAR

29	3GN16EE403	KIRAN KULKARNI	VI
30	3GN16EE406	MD AZAM SHAIK	VI
31	3GN16EE407	MD ZAHID AHMED	VI
32	3GN16EE408	MITHUN	VI
33	3GN16EE409	MOHAMMAD SAMEER HUSSAIN	VI
34	3GN16EE410	NARAYAN	VI
35	3GN16EE411	PAWAN RATHOD	VI
36	3GN16EE413	SACHIN	VI
37	3GN16EE414	SNEHA	VI
38	3GN16EE415	VASUDEV	VI



HOD

Department of Electrical
Electronics Engineering
 G.N.D. Engg College, BIDAR



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26

GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
DEPARTMENT OF CIVIL ENGINEERING

To

20/02/2019

Mr. Pavit Singh
B R Constructions
Bidar

Sub – Permission For RMC Plant Visit

Respected Sir,

WRT above cited subject, I request your kind self to permit our students to visit RMC plant in your facility. This site visit will help our students to understand the concepts better. Our students will visit your facility in two batches.

This visit for students is to be arranged to meet the requirements of the signed MoU.

Awaiting your positive reply.

Thank you

HOD
Civil Engineering Department
Department Of Civil Engineering
GNDEC-BIDAR.

PRINCIPAL
Guru Nanak Dev. Engg. College, Bidar

Ref. No.: GNDECB/CV/ACA/2018-19/

Date: 24/02/2019

CIRCULAR

All the students of 6th semester are hereby informed to attend plant visit to RMC at “B. R. Constructions, Bidar” on 04/03/2019.


HOD

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Department Of Civil Engineering
GNDEC-BIDAR.


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Guru Nanak Dev Engg. College, Bidar



Department of Civil Engineering

ONE DAY RMC PLANT VIST AT B R CONSTRUCTIONS

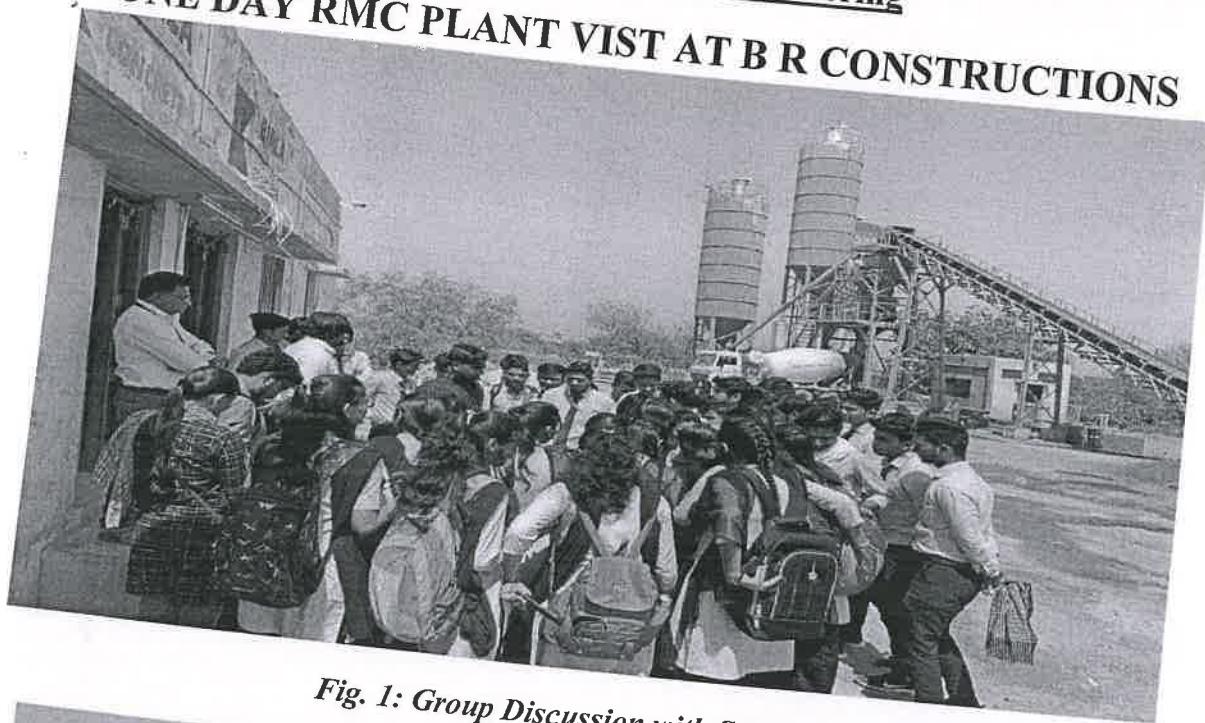


Fig. 1: Group Discussion with Students

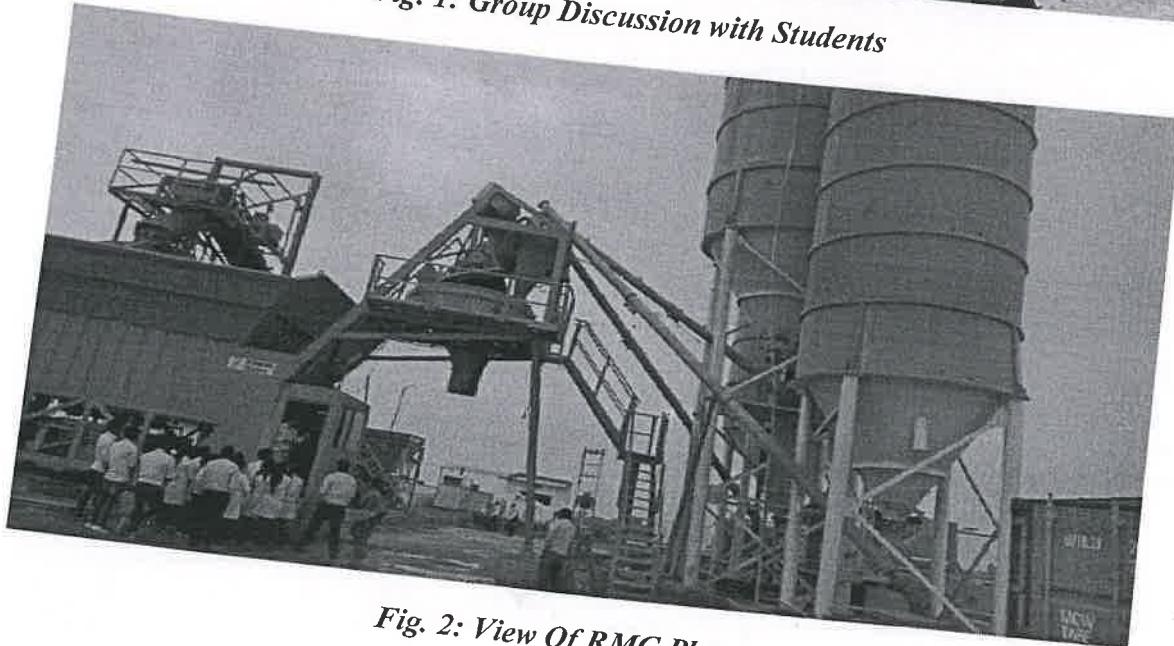


Fig. 2: View Of RMC Plant

Dhawal

PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

About the Program:

Department Of Civil Engineering Organized one day visit to RMC plant On The Applications mass concrete on site, mix design procedure RMC plant and its working condition for large site On 04th Oct 2019 For 3rd Year Civil Engineering Students And Civil Engineering Faculties.

Students of Civil Engineering Department and all the Faculties of Civil Engg Dept have participated in one day visit to RMC plant organized by Department of Civil Engineering GNDEC, Bidar.

The Students took part in visit to RMC plant of civil engineering department. Further Students gain the knowledge during the visit by civil engineering department.

The Resource person was,

1. Mr. Misbhah Manager, B R Constructions

- **Purpose of Visit:-** Technical exposure of Concrete Technology, Manufacturing Processes and other Engineering aspects of Concrete Technology Subject. Students have learnt Process of making concrete, Material used in making of concrete, Test conducted over Concrete Blocks, Curing process for Concrete Blocks etc. With this kind of industrial visit, we gained more knowledge on Concrete Technology application aside from the theoretical aspect learned from the classrooms and laboratory.
- **Outcome:-** From this visit, students got information and practical knowledge about dry mixing, wet mixing of concrete. They learnt about new technology about different admixture, on site testing of concrete. About 50 students were benefited from this visit as they got chance to discuss with authorities working at plant.

Dhanki
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

S
HOD (CIVIL)

HOD
Department Of Civil Engineering
GNDEC-BIDAR.

Ref. No.: GNDECB/CV/ACA/2018-19/

Date: 04/03/2019

CIRCULAR

All the students of 6th semester are hereby informed to attend plant visit to RMC at “B. R. Constructions, Bidar” on 11/03/2019.



HOD

HOD
Department Of Civil Engineering
GNDEC-BIDAR.


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GURU NANAK DEV ENGINEERING COLLEGE BIDAR

Malloor Road, Bidar - 585403 (Karnataka)

Affiliated to Visvesvaraya Technological University, Belgaum

Approved by AICTE, New Delhi

ISO Certified Institute ISO 9001/2015



Department of Civil Engineering

ONE DAY RMC PLANT VIST AT B R CONSTRUCTIONS



Fig. 1: Group Discussion with Students

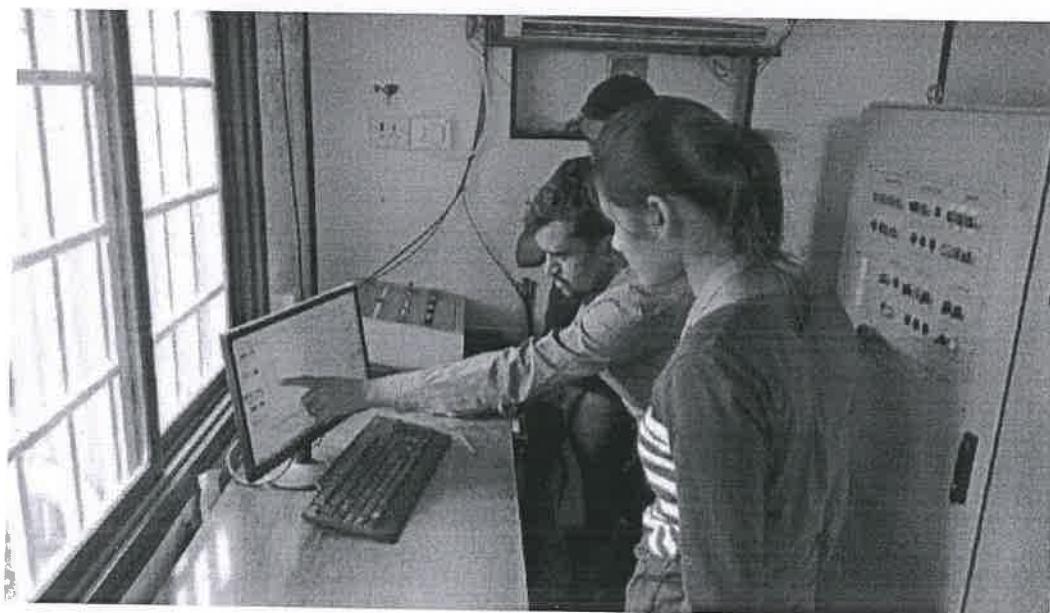


Fig. 2: Explaining the software used for quantity selection to student

Dharm. S.
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

About the Program:

Department Of Civil Engineering Organized one day visit to RMC plant On The Applications mass concrete on site, mix design procedure RMC plant and its working condition for large site On 11th Oct 2019 For 3rd Year Civil Engineering Students And Civil Engineering Faculties.

Students of Civil Engineering Department and all the Faculties of Civil Engg Dept have participated in one day visit to RMC plant organized by Department of Civil Engineering GNDEC, Bidar.

The Students took part in visit to RMC plant of civil engineering department. Further Students gain the knowledge during the visit by civil engineering department.

The Resource person was,

1. Mr. Misbhah Manager, B R Constructions

The following concepts were covered in the visit:

- Materials used
- Quality control and Testing practices
- Method of Software programming
- Site Safety and Management

EVENT OUTCOM

The Field Visit gave students an opportunity to enhance their knowledge, and co-relate theoretical concepts to field work. This partly satisfies, Conduct Investigation on Complex Problems, Modern Tool Usage and - Life Long Learning in the field of Civil Engineering.

Dhawal
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S
HOD (CIVIL)
HOD
Department Of Civil Engineering
GNDEC-BIDAR.

GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

Department of Electronics and Communication Engineering Department

ACADEMIC YEAR: 2017-18

Date: 1-09-2017

Circular

All the 5th semester students are hereby informed to attend **Certification Program in VLSI"** from 6 sept 2017 to Nov 5 2017 in the E&CE department without fail. Attendance will be recorded.


Course Incharge
HOD

Copy To,

1. Class Coordinator.
2. Time Table coordinator.
3. Academic Coordinator.
4. Department Notice Board.


PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

To,

Mr. Basavaling Swamy
Trainee-VLSI
SeerAkademi Hyderbad Pvt Ltd

Subject: Invitation to conduct "**Certification Program in VLSI**" from 6 sept 2017 to Nov 5 2017.

Dear Sir,

With reference to the above subject, Department of Electronics and Communication engineering, GNDECB, cordially invite you to conduct **Certification Program in VLSI**" from 6 sept 2017 to Nov 5. We request you to accept our invitation. We will be very kind of you, if you can send your acceptance to our request at the earliest.

Pavan
Thanking You,

Mr. Pavan Mankal
ECE Department
Assistant Professor
GNDEC Bidar

Dhan...
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

Date: 17.03.2022

From,

Mr. Basavaling Swamy
Trainee-VLSI
Seer Akademi Hyderabad Pvt Ltd

To,

Mr.Pavan Mankal
ECE Department
Assistant Professor
GNDEC Bidar

Dear Sir,

I am happy to accept your invitation to conduct “**Certification Program in VLSI**” from 6 sept 2017 to Nov 5 2017.

Thanking you,
Mr. Basavaling Swamy



PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

A

Report on

**“Certification Program
in VLSI”**

Organized by

“E&CE Department”

From

6 Sep 2017- 5 Nov 2017

Dhawal
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

Title- “Certification Program in VLSI”

Date: 6 Sep 2017- 5 Nov 2017

Time of event: 8 AM

Event Type: Offline

Objective of Program:

- Implement Verilog modeling of digital logic
- Write assertions for formal verification using SystemVerilog
- Build an advanced UVM verification environment
- Understand and implement DFT concepts in an ASIC design

Profile of Resource person:

Name: Mr. Basavaling Swamy

Trainee VLSI

SEER AKADEMI HYDERABAD Pvt Ltd

Details of Program:

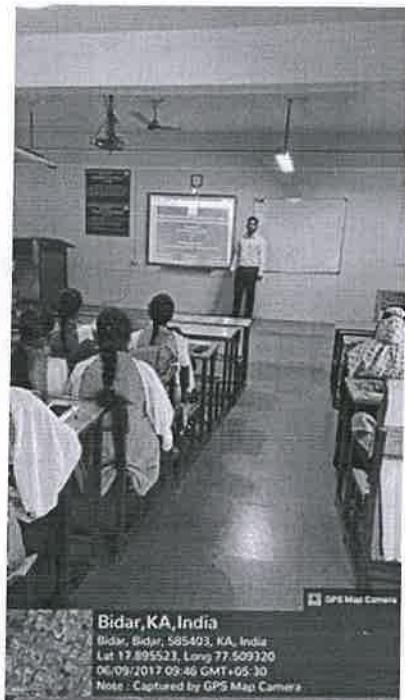
A Training on “**Certification Program in VLSI**” was organized by the coordinator Prof. Pavan Mankal of Electronics & Communication Engineering Department of Guru Nanak Dev Engineering College, Bidar 6 from Sep 2017- 5 Nov 2017.

The resource person delivered a lecture on “**Certification Program in VLSI**” & shared his knowledge and experience.

Program Outcome:

- After the completion of the course, Students acquire hands-on experience in using CAD tools in VLSI design.
- To be able to understand designed functional Analog and digital system and Mixed signal design into a target FPGA..
- Handling of EDA tools Hardware and Software for development of VLSI Circuity.
- Able to specify components and equipment required for VLSI product development.
- They will understand type of Programmable Logic Devices, FPGA, CLB and flip flops, RAM

- Gain knowledge related to different Methodology like OVM, UVM, AVM and ABV used in VLSI and MOSFET fabrication for Designing of VLSI components.



Expert Talk on “Certification Program in VLSI” by Mr. Basavaling Swamy held 6 Sep 2017- 5 Nov 2017 .

40 students attended the talk along with the program coordinator and one of the faculties.

All the students of third year attended the Program

Number of Students participated: 40

Event Name: Certification Program in VLSI

Pavan
Organized by
Prof. Pavan Mankal
Assistant Professor
Department of ECE
GNDEC, Bidar.

Rav
Dr Ravindra E
HOD(ECE)
GNDEC, Bidar.

Dhan
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Guru Nanak Dev Engineering College, Bidar

Affiliated to Visvesvaraya Technological University, Belagavi & approved by AICTE New Delhi

Department of E&CE

Certification Program Participant List

AY :2017-18

Sr. No.	USN	Name of the student
1	3GN15EC005	Akhil Viabhav
2	3GN15EC007	Amar
3	3GN15EC009	Anita Patil
4	3GN15EC011	Arati Biradar
5	3GN15EC012	Ashwini
6	3GN15EC013	Ashwini
7	3GN15EC014	Ashwini
8	3GN15EC015	Ashwini
9	3GN15EC016	Basavanjali
10	3GN15EC018	Chetana Pawar
11	3GN15EC019	Divakar G
12	3GN15EC021	Hemavati
13	3GN15EC022	Hiremath Omkar
14	3GN15EC023	Jyotsna
15	3GN15EC024	K.S Parmeshwari
16	3GN15EC027	k Bhagyashree
17	3GN15EC028	Kum. Gangyada Roopali
18	3GN15EC030	Lidiya
19	3GN15EC031	Mahananda
20	3GN15EC033	Manisha
21	3GN15EC034	Manisha Boralkar
22	3GN15EC039	Md. Amer Mustafa
23	3GN15EC041	Md. Ataulah Haaris
24	3GN15EC042	Md., Fardeen Ahmed

Dhawer..
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25	3GN15EC043	Md. Shakeeb Ahmed
26	3GN15EC045	Nageshwari
27	3GN15EC046	Nandini Patil
28	3GN15EC047	Neelambika
29	3GN15EC048	Neha
30	3GN15EC049	Nilambika T
31	3GN15EC050	Nutan Rani
32	3GN15EC051	Pallavi
33	3GN15EC053	Pavitra
34	3GN15EC054	Pooja
35	3GN15EC055	Pooja Pasargi
36	3GN15EC055	Sagar Swamy
37	3GN15EC057	Parjaka Hundekar
38	3GN15EC058	Pratiksha
39	3GN15EC059	Preeti
40	3GN15EC060	Prerna Hundekar


COORDINATOR


HOD(ECE)


PRINCIPAL
Guru Nanak Dev Engg. College, Bidar