

INDIRA COLLEGE OF ENGINEERING AND MANAGEMENT

Approved By AICTE New Delhi, DTE (MS) and Affiliated to Pune University (Id-No. PU/PN/Engg/282/2007)



Activity Report

Department: Basic Engineering

Academic Year: 2021-22 Semester: II

Date: 15/01/2022 Time: 11:00 am

Class: FE Div: C

Activity for : Advanced learner

Course: Basic Electrical Engineering

Title of the activity: Advanced learner

Topic: Industry Expert Lecture

S. No.	Roll No.	Name of the student	Sign	Remark
1	11302	Phapale Vaishnavi	<u>Vaishnavi</u>	
2	11303	Rai Neha.	<u>Rai</u>	
3	11306	Ranaware Veshmajeet	<u>Ranaware</u>	
4	11307	Ransol Durvang	<u>Ransol</u>	
5	11333	Tamwar Amit Singh	<u>Singh</u>	
6				
7				
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10				
11				
12				
13				
14				
15				

Name & signature of the faculty: Dikad



Activity Report

Department: Basic Engineering

Academic Year: 2021-22 Semester: II

Date: 27/12/2022 Time: 10:am


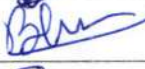



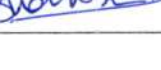
Class: EE Div: C

Activity for : slow learner

Course: Basic Electrical Engineering

Title of the activity: _____

Topic: Bridge course & Pre-requisite Test

S. No.	Roll No.	Name of the student	Sign	Remark
1	11301	Pawar Om Rajendra		
2	11308	Sadekar Ankita		
3	11312	Satpute Tejaswri		
4	11313	Satini Aarti		
5	11323	Shukla Varun		
6	11331	Tambe Shantanu		
7				
8				
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11				
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13				
14				
15				


Name & signature of the faculty:



ACADEMIC YEAR 2021-22

Department of Basic Engineering

Subject: Basic Electrical Engineering

Mark list for Pre-requisite Test

Roll. No	Name of the Student	Marks
11301	PAWAR OM RAJENDRA	14
11302	PHAPALE VAISHNAVI ASHOK	18
11303	RAI NEHA RAJESH	18
11305	RAMGIR SAKSHI MILIND	16
11306	RANAWARE VISHWAJEET	19
11307	RAWOOL DURVANG GOPAL	19
11308	SADEKAR ANKITAGORAKSHNATH	14
11311	SATAV SHRUTIKA SACHIN	18
11312	SATPUTE TEJASHRI RAJU	14
11313	SATVI AARTI SUNIL	14
11314	SEVADA KRISHNA ANAND	16
11316	SHAIKH MUSKAN RAJEBHAI	15
11317	SHAIKH SANIYA HASHAM	15
11318	SHARMA MOHIT DINESH	18
11320	SHIMPI PRATHAMESH	17
11321	SHINDE KOMAL ASHOK	14
11323	SHUKLA VARUN ALOK	14
11324	SINGH ATUL KUMAR ARVIND	19
11325	SINHA ANKITKUMAR DIWAKAR	17
11326	SOLANKE AKSHAY PANDURANG	16
11327	SOLANKI HARSH BHAWARLAL	18

Roll. No	Name of the Student	Marks
11328	SWAMY KUSHAL	19
11329	TAKLE GEETANSH VIVEK	17
11330	TALEGAONKAR ATHARVA ATUL	15
11331	TAMBE SHANTANU	14
11332	TAMBOLI SHOAB ARIF	16
11333	TANWAR AMITSINGH	18
11334	TAYADE RADHESH SANTOSH	16
11335	THADKAR ONKAR SANJIVAN	16
11336	THEURKAR POORNIMA	17
11337	THEURKAR ROHIT NARAYAN	16
11338	THOMBARE PRAJWAL	19
11339	TIWARI VAISHNAVI	15
11341	UPADHYE VARUN	16
11342	VAIDYA BHOOMI ANIL	16
11343	VERMA ANUJ	9
11344	WAGHMARE RISHITA	13
11345	WAVHAL NEHA NITIN	18
11346	YADAV KHUSHI	16
11347	YADAV ROHINI MOHAN	10
11348	ZAMBARE AKASH	14
11349	PAWAR KAUMUDI	19

Name of Faculty
Mr. Pratima Gaikwad

Dr. Kiran Devade



Department of Basic Engineering
Indira College of Engineering & Management
Parandwadi, Pune-410 506.

Date:27/12/2021

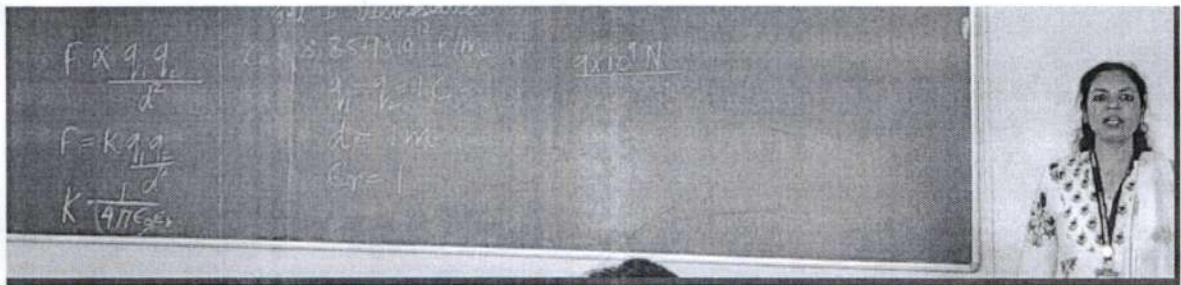
ACADEMIC YEAR 2021-22

Department of Basic Engineering

Subject: Basic Electrical Engineering

Activity 1 For Slow Learners

The weaker students were identified with reference to their pre-requisite test marks. Bridge course was conducted on 27/12/2021 in order to make the basic concepts clear, so that they can adapt to the SPPU syllabus.



Name of Faculty
Mr. Pratima Gaikwad



HoD
Dr. Kiran Devade



Department of Basic Engineering
Indira College of Engineering & Management
Parandwadi, Pune-410 506.

Date:10/01/2022

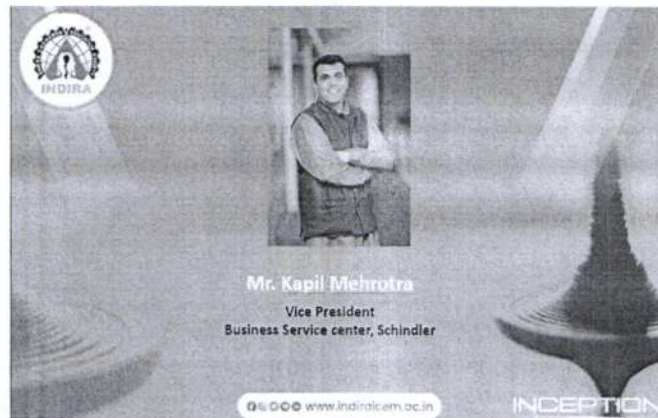
ACADEMIC YEAR 2021-22


Department of Basic Engineering

Subject: Basic Electrical Engineering

Activity 1 For Advanced Learners

Dr. Kiran Devade, HOD, FE formally welcomed all the first year engineering students. Sir introduced the Guest speaker Mr.Kapil Mehrotra.(Vice President Business Service Centre, Schindler). Guest delivered a talk as Key note Address, in which he explained in detailed about History of inclusion of the induction program in the syllabus of technical institutions. He also focused on the importance of such programs to schedule at the beginning of college for engineering students. Sir Covered some issues in his talk as follows, new entrants go through years of strenuous preparation and get accustomed to it. Often they lose the connection from social life and recreational activities. On the other hand, engineering demands a personality in all dimensions Induction Program is designed for smooth transition from preparation environment to Engineering Curriculum.




Name of Faculty
Mr. Pratima Gaikwad


HoD
Dr. Kiran Devade



Department of Basic Engineering
Indira College of Engineering & Management
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Date:15/01/2022

ACADEMIC YEAR 2021-22

Department of Basic Engineering

Subject: Basic Electrical Engineering

Activity 2 for Slow Learners

Alumni Sessions were conducted for the slow learners in which the senior student counselled and explained about the study plan to be followed.

The alumni explained about the importance of attendance, role of aptitude in placement. And also motivated the students and asked them to enjoy college days with academics. At the end of the session questions were asked by participants and well answered by alumni.



Name of Faculty
Mr. Pratima Gaikwad



HoD
Dr. Kiran Devade



Department of Basic Engineering
Indira College of Engineering & Management
Parandwadi, Pune-410 506.

Date: 8/4/2022

ACADEMIC YEAR 2021-22

Department of Basic Engineering

Subject: Basic Electrical Engineering

Activity 2 for Advanced Learners

Advanced learners were given few projects such as applications of MATLAB, Artificial Intelligence and PLC. And the students were asked to make simulation and programming.



Name of Faculty
Mr. Pratima Gaikwad



Dr. Kiran Devade



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Indira College of Engineering & Management
Parandwadi, Pune-410 506.



ACADEMIC YEAR 2021-22

Department of Basic Engineering

Subject: Basic Electrical Engineering

Activity 3 for Slow Learners

The youtube link were shared to the slow learners to make them understand the practicals.

<https://youtu.be/UEDeeHkLYJ0>

<https://youtu.be/aJR5fYzjRBE>

<https://youtu.be/mRTDii0bfl0>

Name of Faculty
Mr. Pratima Gaikwad

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ACADEMIC YEAR 2021-22

Department of Basic Engineering

Subject: Basic Electrical Engineering

Activity 3 for Advanced Learners

Students were taken for an industrial visit at Shri Sant Tukaram Sahakari Sakhar Karkhana Ltd., Kasarsai – Darumbre.

All the students get awareness about actual working of Sugar manufacturing industry with the help of many mechanical components like Pump, Compressor, Furnace, Cutters, Different Conveyors....etc.

Also they get in detail knowledge of Thermal Power plant on spot by understanding the working of the boiler, condenser, steam turbine, cooling tower.....etc



Name of Faculty
Mr. Pratima Gaikwad



Dr. Kiran Devade



Department of Basic Engineering
Indira College of Engineering & Management
Parandwadi, Pune-410 506.



ACADEMIC YEAR 2021-22

Department of Basic Engineering

Subject: Basic Electrical Engineering

Summary of activities for slow learners and advanced learners

- Bridge course, Alumni talk were conducted and also the link for practicals were shared for slow learners.
- Session on Octave, PBL projects and few softwares like MATLAB, Artificial Intelligence and PLC, were conducted for the advanced learners and were taken for an industrial visit

Name of Faculty
Mr. Pratima Gaikwad

HoD
Dr. Kiran Devade

Department of Basic Engineering
Indira College of Engineering & Management
Parandwadi, Pune - 410506



BEE Prerequisite Test

*Required

1. Select Division *

Mark only one oval.

Div C

Division C Roll Call

2. Select your Roll No. and Name

Mark only one oval.

- 11301_PAWAR OM RAJENDRA
- 11302_PHAPALE VAISHNAVI ASHOK
- 11303_RAI NEHA RAJESH
- 11304_RAJEGAONKAR ABHISHEK SANJAY
- 11305_RAMGIR SAKSHI MILIND
- 11306_RANAWARE VISHWAJEET MAHENDRA
- 11307_RAWOOL DURVANG GOPAL
- 11308_SADEKAR ANKITA GORAKSHNATH
- 11309_SAKHARE OMDATTA VINOD
- 11310_SALGARE OMKAR
- 11311_SATAV SHRUTIKA SACHIN
- 11312_SATPUTE TEJASHRI RAJU
- 11313_SATVI AARTI SUNIL
- 11314_SEVADA KRISHNA ANAND
- 11315_SHAHAGADKAR ONKAR BALASAHEB
- 11316_SHAIKH MUSKAN RAJEBHAI
- 11317_SHAIKH SANIYA HASHAM
- 11318_SHARMA MOHIT DINESH
- 11319_SHASWAT ANAND
- 11320_SHIMPI PRATHAMESH PURUSHOTTAM
- 11321_SHINDE KOMAL ASHOK
- 11322_SHINDE SIDDHANT SANTOSH
- 11323_SHUKLA VARUN ALOK
- 11324_SINGH ATUL KUMAR ARVIND KUMAR
- 11325_SINHA ANKITKUMAR DIWAKAR
- 11326_SOLANKE AKSHAY PANDURANG
- 11327_SOLANKI HARSH BHAWARLAL

- 11328_SWAMY KUSHAL CHIDANAND
- 11329_TAKLE GEETANSH VIVEK
- 11330_TALEGAONKAR ATHARVA ATUL
- 11331_TAMBE SHANTANU SATYAWAN
- 11332_TAMBOLI SHOAIB ARIF
- 11333_TANWAR AMITSINGH AJITSINGH
- 11334_TAYADE RADHESH SANTOSH
- 11335_THADKAR ONKAR SANJIVAN
- 11336_THEURKAR POORNIMA MAHENDRA
- 11337_THEURKAR ROHIT NARAYAN
- 11338_THOMBARE PRAJWAL PRAKASH
- 11339_TIWARI VAISHNAVI
- 11340_UPADHYAY SWETANK SANJAY
- 11341_UPADHYE VARUN RAJENDRA
- 11342_VAIDYA BHOOMI ANIL
- 11343_VERMA ANUJ
- 11344_WAGHMARE RISHITA SANDESH
- 11345_WAVHAL NEHA NITIN
- 11346_YADAV KHUSHI MANSARAM
- 11347_YADAV ROHINI MOHAN
- 11348_ZAMBARE AKASH PRAKASH
- 11349_PAWAR KAUMUDI NAVNATH

Questions

3. Materials with lots of free electrons are called

Mark only one oval.

- conductors
 insulators
 filters
 semiconductors

4. The unit of electrical charge is the

Mark only one oval.

- coulomb
 joule
 volt
 watt

5. Current flows in a circuit when

Mark only one oval.

- a switch is opened
 a switch is closed
 the switch is either open or closed
 there is no voltage

6. The minimum resistance value for a blue, gray, red, silver resistor is

Mark only one oval.

- 612
- 6,120
- 6,800
- 6,460

7. Which of the following is not a type of energy source?

Mark only one oval.

- generator
- rheostat
- solar cell
- battery

8. When placed close together, two positively charged materials will

Mark only one oval.

- attract
- become neutral
- repel
- become negative

9. The conductance of an 8 ohm resistance is

Mark only one oval.

- 12.5 mS
 8 mS
 12 S
 125 mS

10. A thermistor is a type of

Mark only one oval.

- switch
 resistor
 battery
 power supply

11. When the current is 2.5 A, how many coulombs pass a point in 0.2 s?

Mark only one oval.

- 12.5 C
 1.25 C
 0.5 C
 5 C

12. A multimeter measures

Mark only one oval.

- current
- voltage
- resistance
- current, voltage, and resistance

13. An ammeter is an electrical instrument used to measure

Mark only one oval.

- current
- voltage
- resistance
- none of the above

14. Resistance is measured in

Mark only one oval.

- henries
- ohms
- hertz
- watts

15. Which of the following is not an electrical quantity?

Mark only one oval.

- voltage
- current
- distance
- power

16. A material that does not allow current under normal conditions is a(n)

Mark only one oval.

- insulator
- conductor
- semiconductor
- valence

17. Electrons in the outer orbit are called

Mark only one oval.

- nuclei
- valences
- waves
- shells

18. A two-terminal variable resistor is known as a

Mark only one oval.

- potentiometer
- thermistor
- rheostat
- wiper

19. When these numbers are multiplied, $(6 \times 10^3) (5 \times 10^5)$, the result is

Mark only one oval.

- 3×10^8
- 30×10^8
- 300×10^9
- $3,000 \times 10^7$

20. When converting 7,000 nA to microamperes, the result is

Mark only one oval.

- 0.007 μA
- 0.7 μA
- 700 μA
- 7 μA

21. If there is 6 A of current through the filament of a lamp, how many coulombs of charge move through the filament in 1.75 s?

Mark only one oval.

- 10.5 C
- 105 C
- 3.4 C
- 34 C

22. The number 65,000 expressed in scientific notation as a number between 1 and 10 times a power of ten is

Mark only one oval.

- 0.65×10^4
- 6.5×10^4
- 65×10^4
- 650×10^3

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Registrar
Indira College of Engineering & Management
Parandwadi, Pune

SEAT NO.: F190520123 NAME : SATVI AARTI SUNIL		MOTHER : SUNITA SUNIL SATVI					PRN : 72201748M				CLG.: INDIRA-COE[52]			
COURSE NAME		ISE	ESE	TOTAL	TW	PR	OR	Tot%	Crd	Grd	GP	CP	P&R	ORD
SEM.:1	101011 ENGINEERING MECHANICS	025/030	045/070	070/100	---	---	---	70	03	B	08	24	---	---
	101011 ENGINEERING MECHANICS	---	---	---	---	019/025	---	76	01	B	08	08	---	---
	102003 SYSTEMS IN MECH. ENGG.	028/030	046/070	074/100	---	---	---	74	03	B	08	24	---	---
	102003 SYSTEMS IN MECH. ENGG.	---	---	---	---	020/025	---	80	01	A	09	09	---	---
	104010 BASIC ELECTRONICS ENGG.	022/030	056/070	078/100	---	---	---	78	03	B	08	24	---	---
	104010 BASIC ELECTRONICS ENGG.	---	---	---	---	020/025	---	80	01	A	09	09	---	---
	107001 ENGINEERING MATHEMATICS I	016/030	034/070	050/100	---	---	---	50	03	D	06	18	---	---
	107001 ENGINEERING MATHEMATICS I	---	---	---	019/025	---	---	76	01	B	08	08	---	---
	107001 ENGINEERING MATHEMATICS I	---	---	---	---	---	---	60	04	C	07	28	---	---
	107009 ENGINEERING CHEMISTRY	029/030	031/070	060/100	---	---	---	76	01	B	08	08	---	---
	107009 ENGINEERING CHEMISTRY	---	---	---	---	019/025	---	80	01	A	09	09	---	---
	111006 WORKSHOP	---	---	---	---	020/025	---	80	01	A	09	09	---	---
	101007 ENVIRONMENTAL STUDIES-I	---	---	---	---	---	---	AC	00	AC	00	00	---	---
SEM.:2	102012 ENGINEERING GRAPHICS	* ---	014/050	014/50	---	---	---	FF	01	F	00	00	---	---
	102012 ENGINEERING GRAPHICS	* ---	---	---	020/025	---	---	80	01	A	09	09	---	---
	103004 BASIC ELECTRICAL ENGG.	* 014/030	043/070	057/100	---	---	---	57	03	D	06	18	---	---
	103004 BASIC ELECTRICAL ENGG.	* ---	---	---	---	020/025	---	80	01	A	09	09	---	---
	107002 ENGINEERING PHYSICS	* 020/030	043/070	063/100	---	---	---	63	04	C	07	28	---	---
	107002 ENGINEERING PHYSICS	* ---	---	---	---	020/025	---	80	01	A	09	09	---	---
	107008 ENGINEERING MATHEMATICS II	* 019/030	046/070	065/100	---	---	---	65	04	C	07	28	---	---
	107008 ENGINEERING MATHEMATICS II	* ---	---	---	020/025	---	---	80	01	A	09	09	---	---
	110005 PROG. & PROBLEM SOLVING	* 020/030	036/070	056/100	---	---	---	56	03	D	06	18	---	---
	110005 PROG. & PROBLEM SOLVING	* ---	---	---	---	020/025	---	80	01	A	09	09	---	---
	110013 PROJECT BASED LEARNING	* ---	---	---	019/025	036/050	---	73	02	B	08	16	---	---
	101014 ENVIRONMENTAL STUDIES-II	* ---	---	---	---	---	---	AC	00	AC	00	00	---	---
	107015 PHY.EDU.-EXER.& FIELD ACTI.	* ---	---	---	---	---	---	AC	00	AC	00	00	---	---
	22295 DEMORACY, ELECTION AND GOV.	* ---	---	---	---	---	---	AC	00	AC	00	00	---	---

FIRST YEAR SGPA : --, TOTAL CREDITS EARNED : 43
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[Signature]
Registrar
 Indira College of Engineering & Management
 Parandwadi, Pune

SEAT NO.: F190520117 NAME : SADEKAR ANKITA GORAKSHNATH MOTHER : SADEKAR VAISHALI GORAKSHNATHPRN : 72201743L CLG.: INDIRA-COE[52]

SEM.:	COURSE NAME	ISE	ESE	TOTAL	TW	PR	OR	Tot%	Crd	Grd	GP	CP	P&R	ORD
SEM.:1	101011 ENGINEERING MECHANICS	020/030	052/070	072/100	---	---	---	72	03	B	08	24	---	---
	101011 ENGINEERING MECHANICS	---	---	---	---	019/025	---	76	01	B	08	08	---	---
	102003 SYSTEMS IN MECH. ENGG.	023/030	062/070	085/100	---	---	---	85	03	A	09	27	---	---
	102003 SYSTEMS IN MECH. ENGG.	---	---	---	---	021/025	---	84	01	A	09	09	---	---
	104010 BASIC ELECTRONICS ENGG.	023/030	064/070	087/100	---	---	---	87	03	A	09	27	---	---
	104010 BASIC ELECTRONICS ENGG.	---	---	---	---	021/025	---	84	01	A	09	09	---	---
	107001 ENGINEERING MATHEMATICS I	016/030	042/070	058/100	---	---	---	58	03	D	06	18	---	---
	107001 ENGINEERING MATHEMATICS I	---	---	---	021/025	---	---	84	01	A	09	09	---	---
	107009 ENGINEERING CHEMISTRY	030/030	042/070	072/100	---	---	---	72	04	B	08	32	---	---
	107009 ENGINEERING CHEMISTRY	---	---	---	---	018/025	---	72	01	B	08	08	---	---
	111006 WORKSHOP	---	---	---	---	019/025	---	76	01	B	08	08	---	---
	101007 ENVIRONMENTAL STUDIES-I	---	---	---	---	---	---	AC	00	AC	00	00	---	---
SEM.:2	102012 ENGINEERING GRAPHICS	*	012/050	012/50	---	---	---	FF	01	F	00	00	---	---
	102012 ENGINEERING GRAPHICS	*	---	---	022/025	---	---	88	01	A	09	09	---	---
	103004 BASIC ELECTRICAL ENGG.	* 022/030	048/070	070/100	---	---	---	70	03	B	08	24	---	---
	103004 BASIC ELECTRICAL ENGG.	*	---	---	---	022/025	---	88	01	A	09	09	---	---
	107002 ENGINEERING PHYSICS	* 024/030	051/070	075/100	---	---	---	75	04	B	08	32	---	---
	107002 ENGINEERING PHYSICS	*	---	---	---	021/025	---	84	01	A	09	09	---	---
	107008 ENGINEERING MATHEMATICS II	* 014/030	042/070	056/100	---	---	---	56	04	D	06	24	---	---
	107008 ENGINEERING MATHEMATICS II	*	---	---	020/025	---	---	80	01	A	09	09	---	---
	110005 PROG. & PROBLEM SOLVING	* 021/030	052/070	073/100	---	---	---	73	03	B	08	24	---	---
	110005 PROG. & PROBLEM SOLVING	*	---	---	---	022/025	---	88	01	A	09	09	---	---
	110013 PROJECT BASED LEARNING	*	---	---	021/025	041/050	---	82	02	A	09	18	---	---
	101014 ENVIRONMENTAL STUDIES-II	*	---	---	---	---	---	AC	00	AC	00	00	---	---
	107015 PHY.EDU.-EXER.& FIELD ACTI.	*	---	---	---	---	---	AC	00	AC	00	00	---	---
	22295 DEMORACY, ELECTION AND GOV.	*	---	---	---	---	---	AC	00	AC	00	00	---	---

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Aw
Registrar
 Indira College of Engineering & Management
 Parandwadi, Pune



Date:20/06/2022

ACADEMIC YEAR 2021-22
Department of Basic Engineering
Subject: Engineering Graphics

Prerequisite Test for Identifying Slow and Advanced Learners

The test was conducted on 19th April 2022 for identification of slow and advanced learners. The test Results are used for the purpose.

Roll No.	Name of the student	Prereq. Marks	Group
11101	ACHHRA DIVESH TILOKCHAND	11	Advanced
11111	BHONGALE PRISILLA ARAVIND	11	Advanced
11113	BORDE ROHIT RAMESH	11	Advanced
11116	CHAVAN ADITYA SHIVAJI	11	Advanced
11128	DINDE ASHUTOSH DATTATRAYA	14	Advanced
11129	DONTULWAR ROHIT SATYANARAYAN	11	Advanced
11138	GAIKWAD PRATHAMESH	12	Advanced
11138	GAIKWAD PRATHAMESH	11	Advanced
11140	GAMBHIRE VEDANT PRAKASH	11	Advanced

Roll No.	Name of the student	Prereq. Marks	Group
11103	ADSARE VEDANTI SUNIL	4	weak
11104	ANDHALE PRAVIN VINOD	10	weak
11105	ARGADE VIDYA DATTATRYA	5	weak
11106	AUTI MONALI GAJANAN	2	weak
11107	BHAN VANSHIKA	3	weak
11108	BHANDARI RAJ VIJAY	2	weak
11109	BHILARE ANIKET BHARAT	5	weak
11110	BHOIR AISHWARYA MACHHINDRA	1	weak
11112	BHOSALE SHUBHAM PRADIP	10	weak
11114	CHAFEKANDE AMAN VIJAY	0	weak
11115	CHAUHAN RAVIKANT MAHATIM	3	weak
11119	DABHADE OMKAR SURESH	1	weak
11120	DATIR SANDESH THAKA	1	weak
11122	DESHMUKH TUSHAR VINOD	1	weak





11123	DHAGE ROHIT DADASAHEB	1	weak
11126	DHANGEKAR HARSH VISHAL	7	weak
11136	GAIKWAD ADITYA NILKANTH	1	weak
11143	GHADAGE YOGITA CHANDRAKANT	0	weak
11143	GHADAGE YOGITA CHANDRAKANT	0	weak

Various activities were planned for students based on their performance.




Faculty and HoD
Dr. Kiran Devade
Department of Basic Engineering
Indira College of Engineering & Management
Parandwadi, Pune-410 506.



Date:21/05/2022

ACADEMIC YEAR 2021-22
Department of Basic Engineering
Subject: Engineering Graphics

Activity 1 For Advanced Learners

Alumni talk of Mechanical students who is presently working at Neilsoft Limited, for advanced learners.

INDIRA COLLEGE OF ENGINEERING AND MANAGEMENT
"Empowering Minds to Elevate Lives"

First Year Engineering Department
Alumni Talk

Today's Alumni


Mr. Avinash Sukhwani
Senior Design Engineer
Neilsoft Ltd

Date:- 21st May 2022
Time:- 3:00 pm
Platform:- Microsoft Team

Alumni Sessions 2022

INDIRA COLLEGE OF ENGINEERING AND MANAGEMENT, PUNE
21 May 2022




Faculty and HoD
Dr. Kiran Devade
Department of Basic Engineering
Indira College of Engineering & Management
Parandwadi, Pune-410 506.

Date:15/05/2022

ACADEMIC YEAR 2021-22
Department of Basic Engineering
Subject: Engineering Graphics


Activity 2 for Slow Learners

Alumni Sessions were conducted for the slow learners in which the senior student counselled and explained about the study plan to be followed.

The alumni explained about the importance of attendance, role of aptitude in placement. And also motivated the students and asked them to enjoy college days with academics.

At the end of the session questions were asked by participants and well answered by alumni.



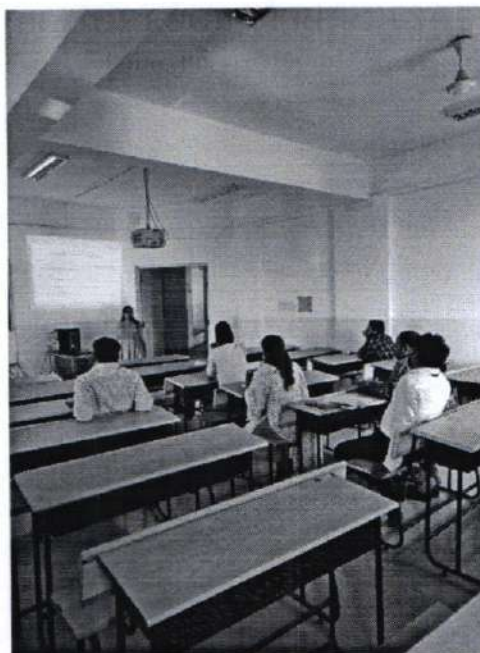

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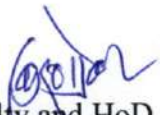
Date: 8/5/2022

ACADEMIC YEAR 2021-22
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Activity 2 for Advanced Learners

Advanced learners were given few projects such as applications of MATLAB, Artificial Intelligence and PLC. And the students were asked to make simulation and programming.




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Date: 25/5/2022

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Activity 3 for Slow Learners

The YouTube link were shared to the slow learners to make them understand the practical's.

<https://www.youtube.com/watch?v=5eoC-IDdFes> Orthographic Projections

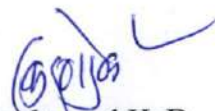
<https://www.youtube.com/watch?v=FXP3tKedM5g> Engineering Curves

<https://www.youtube.com/watch?v=nDCg8LSODnU> Isometric Projections

<https://www.youtube.com/watch?v=cmR9cfWJRUU> AutoCAD Basics

<https://www.youtube.com/watch?v=KJUeY25QpVY&list=PLVdvOTOMfu5Q1obf9HirYCCOOGtQC01SHr> Development of Lateral Surfaces




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Activity 3 for Slow and advanced Learners

Special lectures were arranged for slow and advanced learners with remedial classes for providing inputs to slow and advanced learners. The results can be seen from the improvement in the marks of some cases.

Roll Number	Name of the student	Pre marks	Group	Insem Marks	Preliums
11103	ADSARE VEDANTI SUNIL	4	weak	18	34
11104	ANDHALE PRAVIN VINOD	10	weak	22	41
11105	ARGADE VIDYA DATTATRYA	5	weak	12	41
11106	AUTI MONALI GAJANAN	2	weak	22	24
11107	BHAN VANSHIKA	3	weak	7	10
11108	BHANDARI RAJ VIJAY	2	weak	6	13
11109	BHILARE ANIKET BHARAT	5	weak	12	18
11110	BHOIR AISHWARYA MACHHINDRA	1	weak	12	23
11114	CHAFEKANDE AMAN VIJAY	0	weak	3	7
11115	CHAUHAN RAVIKANT MAHATIM	3	weak	15	29
11119	DABHADE OMKAR SURESH	1	weak	14	29
11120	DATIR SANDESH THAKA	1	weak	3	23
11123	DHAGE ROHIT DADASAHEB	1	weak	16	22


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2.2.1. The institution assesses the learning levels of the students and organizes special programmes for advanced learners and slow learners

The institute has started classifying students' learning levels based on prerequisite exams. For subsequent years it is classified on the basis of their previous examination, results and assessment by faculty. Students are divided into two groups based on these evaluations: slow learners and advanced learners. Their academic requirements are examined during a series of departmental meetings, and special efforts are made to enhance the performance of slow learners. Advanced students are helped to improve their abilities and motivated to set and meet difficult academic goals.

For first-year engineering students, bridge courses are offered at the start of the academic year to help Students Bridge the gap between various boards and the SPPU curriculum. Alumni sessions are held to offer advice to students, provide tips on how to manage their studies, and share their college experiences.

Advanced learners are encouraged to actively participate in a variety of initiatives like hackathons, learnathons, and other technological activities like NPTEL courses. Understanding the needs of the industry students are prepared for placements, industrial tours, industry expert lectures series, soft skills and aptitude sessions. Also encouraged them to go for Project Based learning through mini projects.



BS/2
Principal
Shree Chanakya Education Society's
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