


2.2.1. The institution assesses the learning levels of the students and organizes special programmes for advanced learners and slow learners (AY 2023-24)

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 the Slow learners, 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, Learnathon, and other technological activities like Guest lectures delivered by renowned personalities, etc. 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.




Principal
**Indira College of Engineering
& Management, Parandwadi, Pune**

Date:04/09/2023

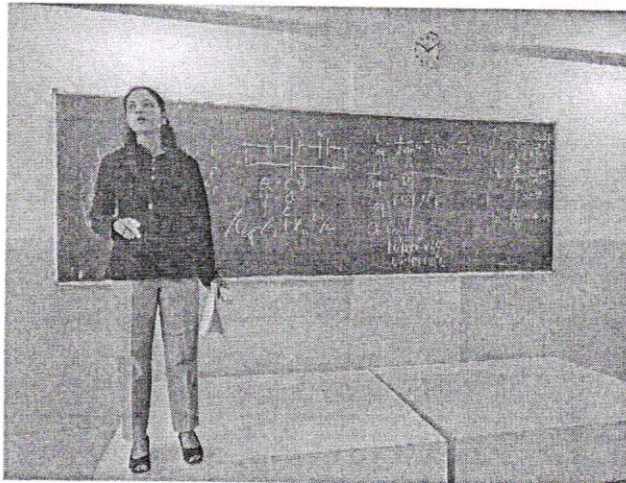
ACADEMIC YEAR 2023-24

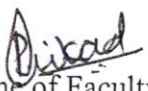
Department of Basic Engineering

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 04/09/2024 in order to make the basic concepts clear, so that they can adapt to the SPPU syllabus.





Name of Faculty
Mrs. Pratima Gaikwad




HOD
Dr. Kiran Devade

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

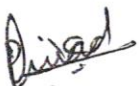
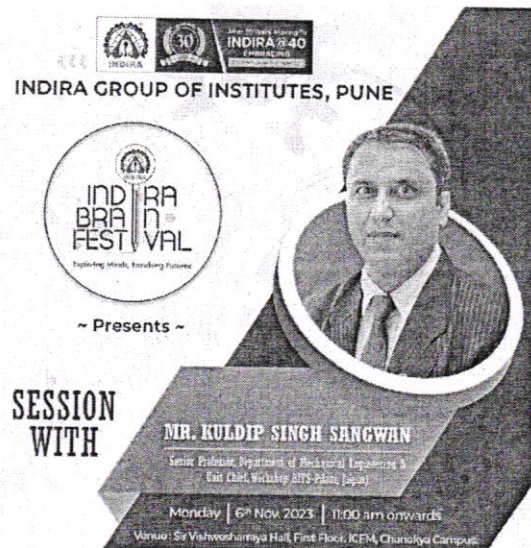

Principal
Indira College of Engineering
& Management, Parandwadi, Pune

Date:06/11/2023

ACADEMIC YEAR 2023-24**Department of Basic Engineering****Subject: Basic Electrical Engineering****Activity 1 For Advanced Learners**

Indira Brain Festival was conducted for the advanced learners, and the guest were Ms. Leena Bokhil and Mr. Kuldip Kumar Sangwan.


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
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HoD

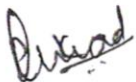
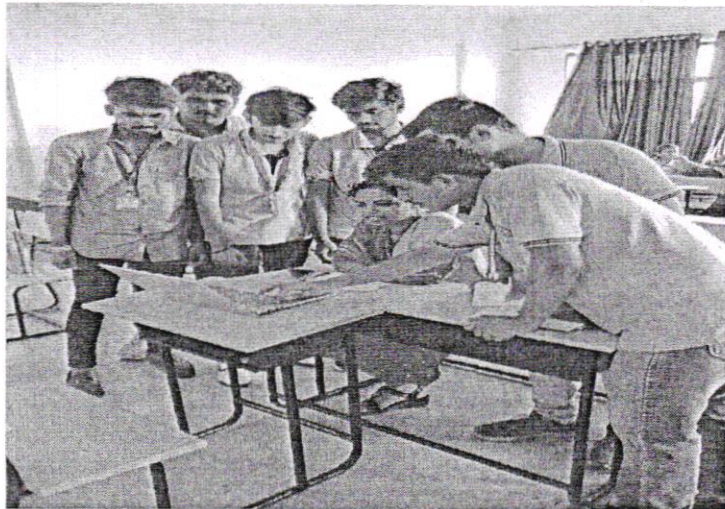
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Indira College of Engineering
& Management, Parandwadi, Pune

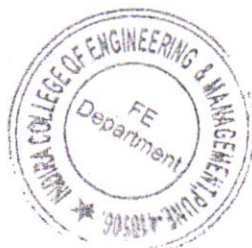
Date: 8/12/2023

ACADEMIC YEAR 2023-24**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.



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**Indira College of Engineering
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ACADEMIC YEAR 2023-24

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>


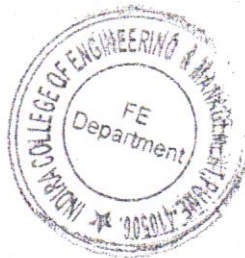


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& Management, Parandwadi

Date:15/01/2024

ACADEMIC YEAR 2023-24

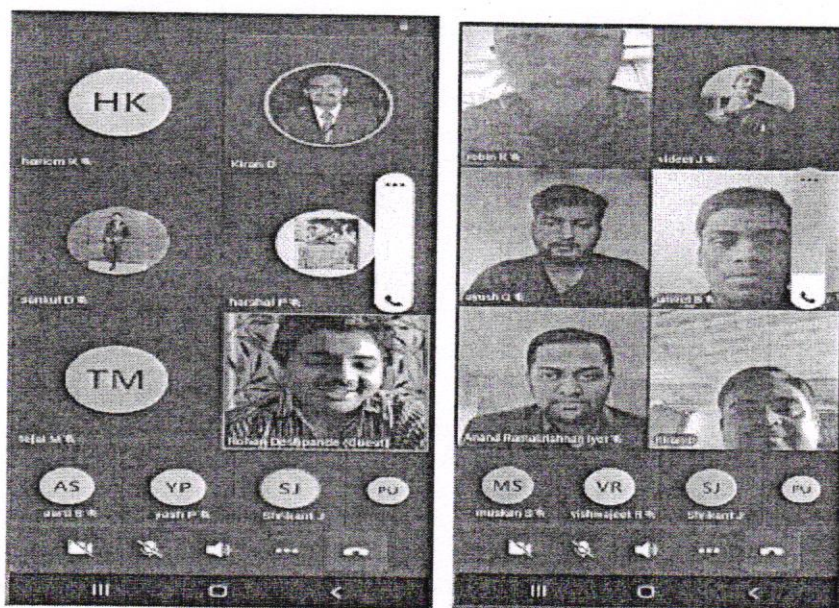
Department of Basic Engineering

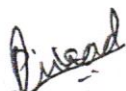
Subject: Basic Electrical Engineering

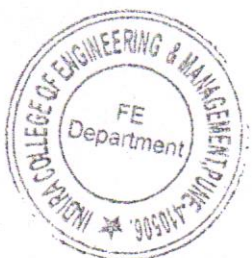
Activity 2 for Slow Learners

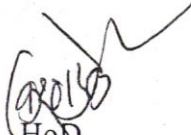
Alumni Sessions were conducted for the slow learners in which the senior student counselled and explained about the study plan to be followed.


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.




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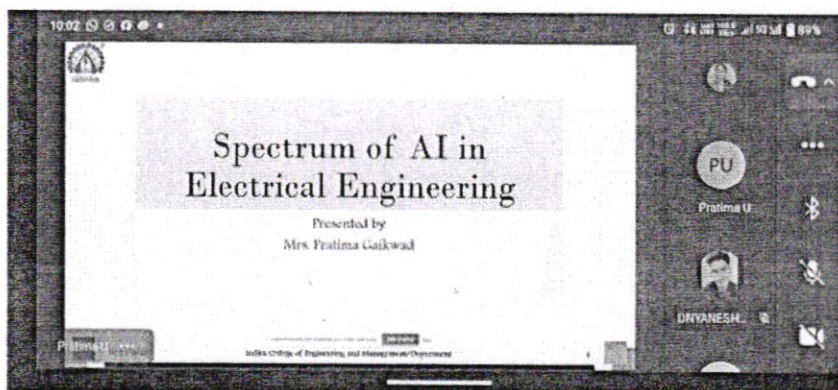



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ACADEMIC YEAR 2023-24**Department of Basic Engineering****Subject: Basic Electrical Engineering****Activity 3 for Advanced Learners**

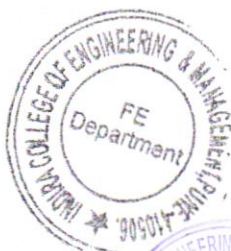
Prof. Pratima Gaikwad was conducted a beautiful session about the importance of AI such as game playing, speech recognition, understanding natural language, computer vision. Role of AI in power sector by using various enablers like Expert System Techniques, Artificial Neural Networks, Fuzzy Logic Systems. Videos were also presented for the application of AI in Hydropower and Nuclear power system. Pros and cons of AI were also explained.



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Indira College of Engineering
& Management, Parandwadi, Pune

ACADEMIC YEAR 2023-24

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.
- Sessions under Indira Brain Festival were conducted, PBL projects and few softwares like MATLAB, Artificial Intelligence and PLC were conducted for the advanced learners.



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HOD

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Parandwadi, Pune-410 506,



Principal
Indira College of Engineering
& Management, Parandwadi, Pune

Activity ReportDepartment: Basic EngineeringAcademic Year: 2023-24 Semester: I

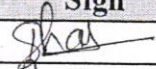
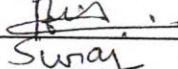
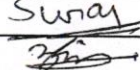
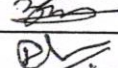
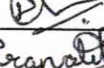
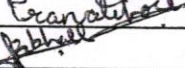
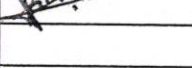
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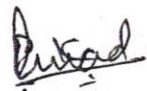
Class: _____ Div: _____

Activity for: Advanced learnersCourse: Basic Electrical Engineering


Title of the activity: _____

Topic: Spectrum of Artificial Intelligence in Electrical Engg

| S. No. | Roll No. | Name of the student | Sign | Remark |
|--------|----------|---------------------|--|--------|
| 1 | 361 | Pratik Sherkh |  | |
| 2 | 366 | Altharua Shewate |  | |
| 3 | 349 | Suray Pillai |  | |
| 4 | 311 | Anubhav Patil |  | |
| 5 | 133 | Asha Chaudhari |  | |
| 6 | 152 | Pranali Shore |  | |
| 7 | 143 | Shrawani Babhade |  | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |


Name & signature of the faculty:
(Prof. Pratima Gaikwad)




Principal
Indira College of Engineering
& Management, Parandwadi, Pune

Activity Report

Department: Basic Engineering

Academic Year: 2023-24 Semester: I

Date: _____ Time: _____

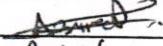
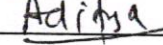
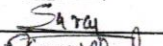


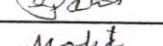
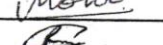
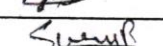
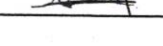
Class: _____ Div: _____

Activity for: Slow Learners

Course: Basic Electrical Engineering

Title of the activity: Alumni Talk.

Topic: Preperation for exam

| S. No. | Roll No. | Name of the student | Sign | Remark |
|--------|----------|---------------------|---|--------|
| 1 | 437 | Abhijeet Upadhyay |  | |
| 2 | 145 | Aditya Dhairade |  | |
| 3 | 342 | Pranipati Suraj |  | |
| 4 | 360 | Mohit Sanyal |  | |
| 5 | 406 | Shreyas Shinde |  | |
| 6 | 314 | Patil Gaurav |  | |
| 7 | 249 | Mohit Kusrade |  | |
| 8 | 324 | Patil Ram |  | |
| 9 | 341 | Suraj Pillai |  | |
| 10 | | | | |

Name & signature of the faculty:

(Prof. Pratima Gaikwad)




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Indira College of Engineering
& Management, Parandwadi, Pune