

Internship Program Report

On,

Design and Development of Single Board Computer

Structure
Nature: In-house Internship in Collaboration with Go-Green Technologies Pvt Ltd Mumbai. (Offline)
Duration : 23 Dec 2024 to 18 Jan 2025
Venue: IoT Club DYPSN
Organizing department: Electrical Engineering
Target : UG students (Any Branch)
Objective
1. To create interest among students to learn Embedded System Design which covers wide range of applications such as IoT, Robotics, PLC-Scada, Industrial Automation, Physical system and so many others. 2. To uplift their profile in the embedded system domain 3. To make student to do mini & major projects by themselves and can use the knowledge for startups, entrepreneurship, placements etc.
Resource Persons
Faculty: Dr. Uttam S Satpute , Professor, EE Dept Dr. Y S Rao, CEO Go Green Technologies Mumbai IoT Club Members: Salamathussain Momin Omkar Chodnakar Akhilesh More Mahendra Kambar

Content Plan
Day 1: 23rd Dec INTRODUCTION TO IOT 1. INTRODUCTION TO INTERNSHIP AND INFORMATION ABOUT INTERNSHIP HOW WE WILL CONDUCT IT.

Photographs

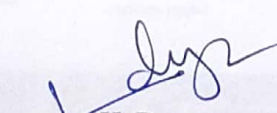


Dr. Y S Rao delivering lecture online



Project exhibition and certification distribution was held on 18 Feb 2025.


Event Coordinator
(Dr. Uttam Satpute)


HoD
(Dr. Vidya N A)


Principal
(Dr. Suresh D Mane)

Annexure

A. Flyer

DYP DR. D. Y. PATIL PRATISHTHAN
COLLEGE OF ENGINEERING
SALOKHENAGAR, KOLHAPUR

IOT CODING CLUB OF DYPSN

IN COLLABORATION WITH GO-GREEN
TECHNOLOGIES PVT. LTD. MUMBAI

PRESENTS

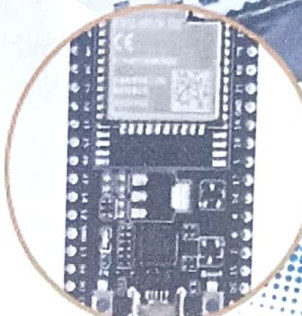
Internship Program

on

Design & Development of Single Board Computer (SBC)

(Date: 23rd Dec. 2024 to 18 Jan 2025
Time 10.00am to 4.00pm)

- 1 IN HOUSE INTERNSHIP**
- 2 GRADE INTERNSHIP
CERTIFICATE**
- 3 ZERO FEES**



ESP32 MICROCONTROLLER
Introduction to ESP32
microcontroller, mathematical
processing, interfacing with
sensors, actuators, IoT based
programs etc.



**DESIGN & DEVELOPMENT
OF SBC**
Design of development of SBC
as mini project as part of
CA/Stone project



**EVALUATION AND
GRADING**
Expert lecture from industry (Go-
Green Technologies), evaluation
and issue of grade certificate.

Registration link: <https://forms.gle/Y3DjkaN1bYmttlp6>



Date : 20/08/2023

To,
The Principal,
DYPESN , Kolhapur

Subject:- Permission for conduction of one day Faculty Training on IoT kit .

Respected sir,

We, the department of Electrical Engineering, planned to conduct one day Faculty Training on IoT kit. The training is scheduled on 26th July 2023.

With respect to above mentioned subject we kindly request you to allow us to conduct the same.

Thanking You.


HOD Electrical Dept


Principal
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur



To,

Dr. Shrinivas Rao

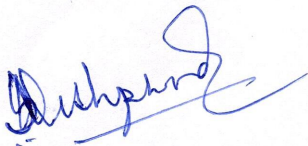
Sub: Invitation letter.

Respected Sir,

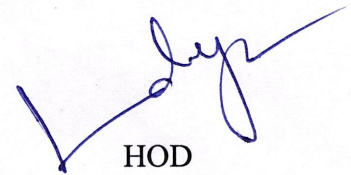
It's gives me immense pleasure to invite you as a expert trainer for one day training on IoT kits on behalf of electrical engineering department. We are conducting one day training on IoT kits to our all facilities as per the MoU between DYPECSN and Go- Green Technology.

If you address our faculties so they can benefits from your knowledge and experience. Training will be held on 26th July 2023, at 10.00 am. Kindly confirm you availability as soon as possible so we can make arrangements accordingly. Looking forward to hearing from you.

Thanking you in anticipation



Training Coordinator



HOD

Received
Shrinivas
26/7/2023





**Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur**

Doc. No: DYP-ACAD-FRM-16

Revision No. 00

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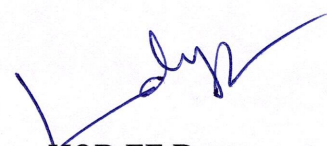
Revision Date:01/07/2019

Notice

Date- 24/7/2023

NOTICE

All the faculties are here by informed that we are arranging one day Faculty Training on IoT kit scheduled On 26th July 2023 at 10.00 A.M. All are informed to attend the training without fail.


HOD EE Dept





Dr. D. Y. PATIL PRATISHTHAN'S COLLEGE OF ENGINEERING
Affiliated to Shivaji University, Kolhapur.
Approved by AICTE (New Delhi), Govt. of Maharashtra, DTE Mumbai.

Hon. Dr. Sanjay D Patil
PRESIDENT
Hon. Satej D Patil
VICE- PRESIDENT
Dr. Suresh D Mane
Principal

EN6839

Ref. No. : DYPCOE/20

Date: 26 / 7 /2023

To,

Dr. Shrinivas Rao

Sub: Thanking letter.

Respected Sir,

We, on behalf of Electrical Engineering Department of our college, hereby express our sincere, thanks for conducting session on "IoT training" for all faculties on 26th July, 2023 The Training explored the wide scope of information.

We expect same co-operation in future

Thanking you,

Training Coordinator

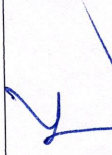
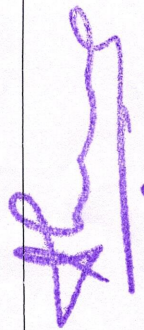
Received
C. Shrinivas Rao

HOD EE Dept.



Dr. D Y Patil Pratishthan's College of Engineering, Salokhenagar Kolhapur

PROCESS Report

Clusters: Skill Development			
"Faculty Training Program" for All department			
Elaboration:		Start date- 26/07/2023	End date-26/07/2023
Process Name: Training and hands on practical		Status: 100% (Percentile completion)	
Summary :- One-day training for faculty of DYPECSN on IoT kits on 26th July-2023 by Dr. Shrinivas Rao of GO GREEN Technologies Pvt Ltd Mumbai& SPIT Andheri Mumbai. 10kits have been supplied by the company for the Industrially sponsored IoT lab & Training was conducted as per the MoU between DYPECSN & Go-Green Technology Outcome:-Purpose of faculty training program is to help understand structure of IoT kit , working of kit and its implementation. Faculty will be able to guide IoT based project and it helps to student to expand their knowledge. Points to observe:- Faculty will learn about IoT kit working and implementation.			
 Coordinator	 HoD	 Principal	 Campus Director

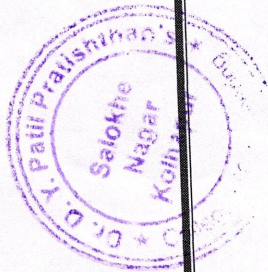
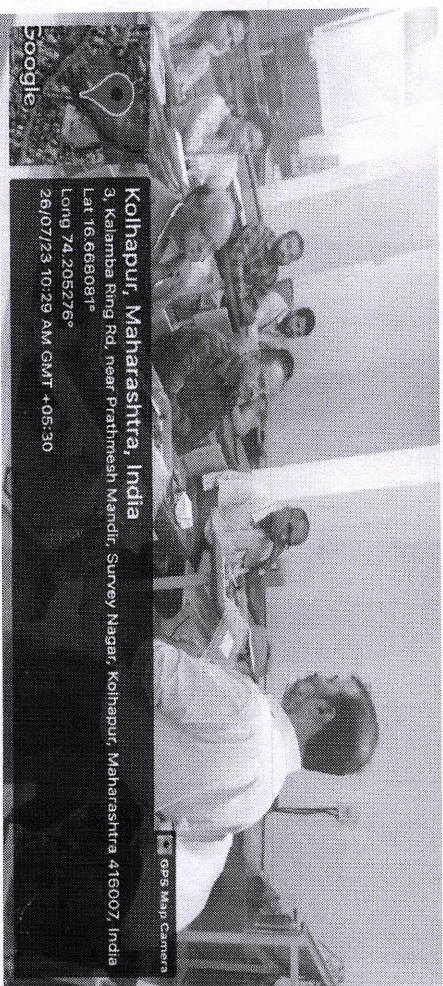
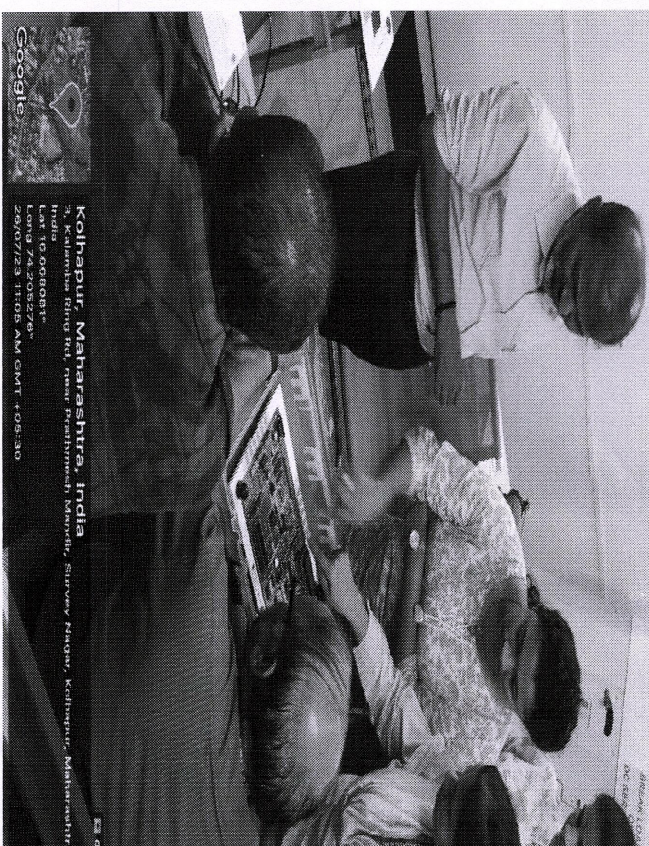
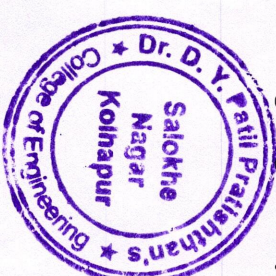


Photo Gallery of faculty Training Program



Dr. Shrinivas Rao sir giving one day IoT training to all faculty at DYPSN



Dr. D.Y.Patil Pratishthan's College of Engineering, Salokhenagar-Kolhapur
Faculty Training Program (on IoT kit)
Attendance
Academic Year 2022-23

Sr. No.	Name of Faculty	Attendance
1	Dr. Shivaleela Ashmath	<u>Shivaleela</u>
2	Prof. Supriya S. Laykar	<u>Supriya</u>
3	T. M. Pethkar	<u>T. M. Pethkar</u>
4	Londhe A. A.	<u>Londhe</u>
5	Dr. Rashmi Jadhav	<u>Rashmi</u>
6	R. A. Gurav	<u>R. A. Gurav</u>
7	Jyeshtha Patil	<u>Jyeshtha</u>
8	Vidya N. A.	<u>Vidya</u>
9	Mr. S. S. Deshpande	<u>S. S. Deshpande</u>
10	Dr. Uttam S. Satpute	<u>Uttam</u>
11	Ms. R. V. Vaidya	<u>R. V. Vaidya</u>
12	Mrs. Aishwarya S. Nagaonkar	<u>Aishwarya</u>
13	Mr. Ganesh Rathod	<u>Ganesh</u>
14	Mr. Sumit D. Deshmukh	<u>Sumit</u>
15	Mr. Vikrant A. Shinde	<u>Vikrant</u>
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