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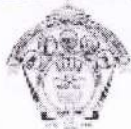
Experiential learning



CGV Mini project List

Semester : VI
 Course : COMPUTER GRAPHICS LABORATORY WITH MINI PROJECT
 Course Code : 18CSL67
 Course Coordinator : Prof. Ravindra R. Patil
 Date: 17-06-2021

Sl.No.	USN	Name of Student	Title of Project	Guide Allotted
1	2HN18CS016	Prajwal S Honashetti	Aero plane crash	Dr. K. B. Manwade
2	2HN18CS020	Rakesha R Shirdhone		
3	2HN18CS026	Shilpa S Kage		
4	2HN18CS008	Girish G. Hiremath	LRU Page Replacement Algorithm	Prof. S. G. Gollagi
5	2HN18CS007	Geetanjali V. Patil		
6	2HN18CS004	Ashwini A. Dodabhangi		
7	2HN18CS033	Smita P. Manoli	Binary search tree using opengl	Prof. S. V. Manjaragi
8	2HN18CS045	Vishakha V. Nesari		
9	2HN19CS400	Sneha A. Patil		
10	2HN18CS002	Amogh. M. Desai	Leaky bucket	Prof. N. K. Honnagoudar
11	2HN18CS010	Kartik. S. Thakkannavar		
12	2HN18CS012	Keerti. M. Mavinagidad		
13	2HN18CS018	Priyanka Boragalli	FIFO Page Replacement Algorithm	Prof. R. R. Patil
14	2HN18CS023	Roopali Panake		
15	2HN18CS028	Shraddha Janamatti		
16	2HN18CS019	Rajeshwari B Hosamani	Maze Game	Prof. N. M. Patel
17	2HN18CS003	Anusha Ambiger		
18	2HN18CS030	Shreya Neelakari		
19	2HN18CS041	Varsha Pattenashetti	Tower of Hanoi	Prof. A. A. Daptardar
20	2HN18CS042	Varshita. M. Doddakallannavar		
21	2HN18CS043	Vidyashree Pujari		
22	2HN18CS025	Sachin R Wasedar	Sea Breeze and Land breeze at day and night	Prof. C. R. Belavi
23	2HN18CS034	Srajan R Poojary		
24	2HN18CS015	Pooja I Bangi		
25	2HN18CS013	Mahima Puranik	Selection sort algorithm, Insertion sort algorithm,	Prof. M. G. Huddar
26	2HN18CS039	Swati Patil		
27	2HN18CS032	Shruti Khot		
28	2HN18CS044	Vinayak Hiremath	Client Server Architecture (Full duplex)	Prof. M. A. Chitale
29	2HN18CS040	Umapandit Hiremath		
30	2HN18CS038	Sufiyan Bagwan		
31	2HN18CS009	Vinay M Kapase	Walking robot	Prof. M. A. Gholap
32	2HN18CS027	Shoib M Bagwan		
33	2HN18CS035	Subash U Huded		
34	2HN18CS001	Aishwarya Gundoli	Helicopter Game	Prof. N. M. Patel
35	2HN18CS024	Sabiyakhatun Y Saiyad		
36	2HN18CS029	Shreya Arun Diwan		
37	2HN18CS014	Akram Mujawar	Spinning Rubik's Cube	Prof. M. A. Gholap
38	2HN18CS011	Kashim Jakati		
39	2HN18CS021	Riyaj Nadaf		



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CSED


Academic

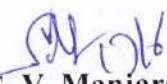
Mini project List

2020-21 (Even Sem)

40	2HN17CS025	RAHUL SHIPURE	Bubble sort algorithm on a randomly generated array of numbers.	Prof. M. A. Chitale
41	2HN18CS031	SHRUTI BIRADAR		
42	2HN17CS026	SHIVASHANKAR CHALIKAR		
43	2HN18CS006	Gayatri A. Patil	Car Parking System	Prof. R. R. Patil
44	2HN18CS037	Sudharani B. Kurani		
45	2HN18CS017	Praveen M. Gadiwaddar		
46	2HN17CS021	Sachin Peerapagol	Client Server Architecture (half duplex)	Prof. R. R. Patil

Note: Students are informed to submit one synopsis to your guide and one to your course coordinator after finalizing topic with your allotted guide.


Prof. Ravindra R. Patil
Course Coordinator


Prof. S. V. Manjaragi
HOD
Computer Science & Engg.
HIT, Nidasoshi.



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CS Engg. Dept

DBMS LAB

MINI PROJECT
BATCHES2020-21
(Odd-Sem)

Date: 07-11-2020

DBMS LABORATORY MINI PROJECT BATCHES

Sl.No	USN	Name of the Students	Mini Project Title	Guide	Guide Sign
01	2HN18CS024	Sabiyakhathun Saiyad	Airport Database Management System	Dr. K. B. Manawade	
	2HN18CS001	Aishwarya Gundoli			
	2HN18CS029	Shreya Diwan			
02	2HN18CS041	Varsha Pattanshetti.	Beauty Parlour Management System	Prof. S. G. Gollagi	
	2HN18CS042	Varshita Doddakallanavar.			
	2HN18CS043	Vidyashree Pujari.			
03	2HN18CS033	Smita Manoli	Cake and Pastry Management	Prof. R. R. Patil	
	2HN18CS045	Vishaka Nesari			
	2HN19CS400	Sneha Patil			
04	2HN18CS008	Girish G. Hiremath	Hospital Review System For Covid19(Coronathon)	Prof. A. A. Daptardar	
	2HN18CS007	Geetanjali V. Patil			
	2HN18CS004	Ashwini A. Dodabhangi			
05	2HN18CS026	Shilpa Kage	Railway Reservation System	Prof. M. A. Gholap	
	2HN18CS016	Prajwal Honashetti			
	2HN18CS020	Rakesh Shiradone			
06	2HN18CS013	Mahima Puranik	Online Food Order Management System	Prof. S. V. Manjaragi	
	2HN18CS032	Shruti Khot			
	2HN18CS039	Swati Patil			
07	2HN18CS010	Kartik Thakkannavar	Library Management System	Prof. M. A. Chitale	
	2HN18CS012	Keerti Mavinnagidad			
	2HN18CS002	Amogha M Desai			
08	2HN18CS031	Shruti Biradar	Dairy Milk Collection and Billing System	Prof. C. R. Belavi	
	2HN18CS018	Priyanka Borgalli			
	2HN17CS025	Rahul Shipure			
09	2HN18CS034	Srajan Poojary	College Database Management System	Prof. N. M. Patel	
	2HN18CS025	Sachin R Wasedar			
	2HN18CS015	Pooja I Bangi			
10	2HN18CS037	Sudharani Kurani	Zoo Management System	Prof. N. K. Honnagoudar	
	2HN18CS006	Gayatri Patil			
	2HN17CS026	Shivshankar Patil			
11	2HN18CS009	Vinayak Kapase	Online Shopping for Grocery Store	Prof. M. G. Huddar	
	2HN18CS027	Shoib M. Bagwan			
	2HN18CS035	Subhas U. Huded			



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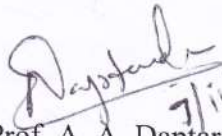
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CS Engg. Dept


DBMS LAB

MINI PROJECT
BATCHES2020-21
(Odd-Sem)

Sl.No	USN	Name of the Students	Mini Project Title	Guide	Guide Sign
12	2HN18CS023	Roopali Panake	Tourism Management System	Prof. N. M. Patel	
	2HN18CS028	Shraddha Janamatti			
13	2HN18CS021	Riyaz Nadaf	Hostel Management System	Prof. A. A. Daptardar	
	2HN18CS011	Kashim Jakati			
	2HN18CS014	Mohammedakram Mujawar			
14	2HN18CS019	Rajeshwari Hosamani	Hospital Management System	Prof. R. R. Patil	
	2HN18CS003	Anusha Ambiger			
	2HN18CS030	Shreya Neelakari			
15	2HN18CS044	Vinayak Hiremath	Blood Bank Management System	Prof. M. G. Huddar	
	2HN18CS040	Umapandit Hiremath			
	2HN18CS038	Sufiyan Bagwan			
16	2HN17CS021	Sachin Peerappagol	Pharmacy Management System	Prof. N. K. Honnagoudar	
	2HN18CS017	Praveen Gadiwaddar			


 7/11/2020
 Prof. A. A. Daptardar
 Course Coordinator


 7/11/2020
 Prof. S. V. Manjaragi
 H.O.D, CSE

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		Academic
		Mini Project
		2020-21 (Even Sem)


Date: 20.08.2021

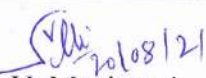
Mini Project List

Subject Name: Mobile Application Development

Subject Code: 18CSMP68

SN	USN	Student Name	Project Title	Guide Allotted
1	2HN18CS016	Prajwal Honashetti	COVID-19 STATS	Dr. K. B. Manwade
	2HN18CS020	Rakesha R Shirdhone		
	2HN18CS026	Shilpa S Kage		
2	2HN18CS004	Ashwini A. Dodabangi	Binary To Decimal Converter	Prof. S. G. Gollagi
	2HN18CS007	Geetanjali Patil		
	2HN18CS008	Girish Hiremath		
3	2HN18CS033	Smita Manoli	Women Safety Application	Prof. S. V. Manjaragi
	2HN18CS045	Vishakha Nesari		
	2HN19CS400	Sneha Patil		
4	2HN18CS002	Amogha Desai	Online Food Ordering System	Prof. N. K. Honnagoudar
	2HN18CS010	Kartik Takkannavar		
	2HN18CS012	Keerti Mavingidad		
5	2HN18CS018	Priyanka Boragalli	Asynchronous Task	Prof. C. R. Belavi
	2HN18CS023	Roopali Panake		
	2HN18CS028	Shradha Janamatti		
6	2HN18CS003	Anusha Ambiger	Barcode Scanner	Prof. N. M. Patel
	2HN18CS019	Rajeshwari Hosmani		
	2HN18CS030	Shreya Neelkari		
7	2HN18CS041	Varsha Pattanshetti	ClipBoard Application	Prof. A. A. Daptardar
	2HN18CS042	Varshita M. D.		
	2HN18CS043	Vidyashree Pujari		
8	2HN18CS015	Pooja Bangi	Student Database System	Prof. R. R. Patil
	2HN18CS025	Sachin Wasedar		
	2HN18CS034	Srajan Poojary		
9	2HN18CS013	Mahima Puranik	To Do List	Prof. M. G. Huddar
	2HN18CS032	Shruti Khot		
	2HN18CS039	Swati Patil		
10	2HN18CS017	Praveen Gadiwaddar	Age Calculator	Prof. M. A. Chitale
	2HN18CS038	Sufiyan Bagwan		
	2HN18CS040	Umapandit Hiremath		
	2HN18CS044	Vinayak Hiremath		
11	2HN18CS009	Vinay Kapase	Stop Watch	Prof. M. A. Gholap
	2HN18CS027	Shoib Bagwan		
	2HN18CS035	Subhas Huded		
12	2HN18CS001	Aishwarya Gundoli	Unit Converter	Prof. N. M. Patel
	2HN18CS024	Sabiyakhatun Sayyad		
	2HN18CS029	Shreya Diwan		
13	2HN18CS011	Kashim Jakati	Temperature Converter	Prof. M. A. Gholap
	2HN18CS014	Mohammadakram M.		
	2HN18CS021	Riyaj Nadaf		
14	2HN18CS006	Gayatri Patil	Medicine Database	Prof. C. R. Belavi
	2HN18CS031	Shruti Biradar		
	2HN18CS037	Sudharani Kurani		


 Prof. C. R. Belavi
 Course Coordinator


 Prof. S. V. Manjaragi
 H.O.D.

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 HIT, Nidasoshi.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI-591236

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CERTIFICATE

This is to certify that the Mini project titled **"Land Sea Breeze in Day and Night"** is the bonafide work carried out by **SRAJAN R POOJARY[2HN18CS034]**, **SACHIN R WASEDAR [2HN18CS025]**, **POOJA I BANGI [2HN18CS015]**, students of B.E. Computer Science and Engineering of Hirasugar Institute of Technology, Nidasoshi affiliated to VTU, Belagavi, during the academic year 2020-21, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science and Engineering.



Prof. C.R BELAVI

Guide


Prof. S.V. MANJARAGI

H.O.D


Dr. S. C. KAMATE

Principal

External Viva

Name of the Examiners

1. _____

2. _____

Signature

Academic Year 2020-2021

VISVESVARAYA TECHNOLOGICAL UNIVERSITY



BELAGAVI – 590018

Department of Computer Science and Engineering

Certificate


Certified that the mini-project titled **“Dairy milk collection and billing system”** is a bonafide work carried out by

PRIYANKA BORGALLI(2HN18CS018)

SHRUTI BIRADAR(2HN18CS031)

RAHUL SHIPURE(2HN17CS025)

in partial fulfilment of the requirements of **V semester of Bachelor of Computer Science and Engineering of the Visvesvaraya Technology University, Belagavi** during the academic year 2020 – 2021. It is certified that all the corrections /suggestions indicated have been incorporated in the report. The project has been approved as it satisfies the academic requirements in respect of project work prescribed by the Bachelor of Engineering course.


Guide

Prof. C.R. Belavi

Name of the Examiners

1. _____

2. _____


H.O.D.

Prof.S.V.Manjaragi


Principal

Dr.S.C.Kamate

Signature

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
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CERTIFICATE

This is to certify that the Mini project titled **“BARCODE SCANNER”** is the bona fide work carried out by **ANUSHA A AMBIGER[2HN18CS003]**, **RAJESHWARI B HOSAMANI[2HN18CS019]**, **SHREYA S NEELAKARI[2HN18CS030]**, student of B.E. Computer Science and Engineering of Hirasugar Institute of Technology, Nidasoshi affiliated to VTU, Belagavi, during the academic year 2020-21, in partial fulfillment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science and Engineering.


Prof. N M PATEL

Guide


Prof. S V MANJARAGI

H.O.D


Dr. S C KAMATE

Principal

External Viva

Name of the Examiners

Signature

1. _____

2. _____



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ECE Dept.
 Mini-Project.
 18ECMP68
 2020-21(EVEN)

Mini-Project List 2020-21

Batch: B1

HDL implementation of 'Vending Machine Controller'

Sl.No	Rl.No	USN	Name of the Student	Guide/ Sign
1	04	2HN18EC005	AKSHATA M.PATIL	Prof. Suresh B Akkole
2	14	2HN18EC016	NETRAJA PATIL	
3	18	2HN18EC020	PRIYA KADAKOL	
4	28	2HN18EC031	SHREELAXMI BELAVI	

Batch: B2

Automatic street light control system

Sl.No	Rl.No	USN	Name of the Student	Guide/ Sign
1	02	2HN18EC002	AISHWARYA A.YASHWANT	Prof. Sunita S Malaj
2	20	2HN18EC023	RANJEETA PATIL	
3	24	2HN18EC027	ROOPA GADIWADDAR	
4	25	2HN18EC028	RUKSAR B.SHAIKH	

Batch: B3

Automatic washroom lighting using multisim

Sl.No	Rl.No	USN	Name of the Student	Guide/ Sign
1	06	2HN18EC007	ASHRAFI M.ATTAR	Prof. Duradundi B Madihalli
2	26	2HN18EC029	RUTIKA A. KANADE	
3	30	2HN18EC034	VIJAYLAXMI S.AVARADE	
4	35	2HN18EC036	NILEEMA NAIK	

Batch: B4

Vehicle number plate recognition using MATLAB

Sl.No	Rl.No	USN	Name of the Student	Guide/ Sign
1	11	2HN18EC012	LAXMI. M. BADIGER	Prof. Shreevijay S Ittannavar
2	16	2HN18EC018	POOJA S PHATINGE	
3	22	2HN18EC025	ROHINI SHIDARADDI	
4	31	2HN18EC035	YASHODHA MANASHETTI	

Batch: B5

Traffic light controller using Verilog

Sl.No	Rl.No	USN	Name of the Student	Guide/ Sign
1	01	2HN18EC001	ABHISHEK HERAGE	Prof. Pratima P Khot
2	03	2HN18EC003	AKASH DHANG	
3	08	2HN18EC009	DEEPU K.URAMANATTI	
4	10	2HN18EC011	KIRAN KHADAKBHAVI	




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ECE Dept.
 Mini-Project.
 18ECMP68
 2020-21(EVEN)

Batch: B6

Sun tracking solar panel using Arduino

Sl.No	RI.No	USN	Name of the Student	Guide/ Sign
1	12	2HN18EC013	MAHANING NILAJAGI	 Prof. Dattatry M Kumbhar
2	13	2HN18EC014	MANJUNATH KIUDANAVAR	
3	27	2HN18EC030	SANKET .B. JAGANURI	
4				

Batch: B7

A structured approach for optimizing 4-bit CLA adder

Sl.No	RI.No	USN	Name of the Student	Guide/ Sign
1	05	2HN18EC006	AMRUTA BOMMANAVAR	Prof. Sujata S Kamate
2	07	2HN18EC008	BHAGYASHRI PATIL	
3	09	2HN18EC010	JAYASHREE MORE	
4	23	2HN18EC026	ROOPA DESAI	


Batch: B8

Library management system using C-programming

Sl.No	RI.No	USN	Name of the Student	Guide /Sign
1	15	2HN18EC017	PAVANKUMAR KAMBAR	Prof. Pramod V Patil
2	17	2HN18EC019	PRATHAMESH. S. KHADAKE	
3	19	2HN18EC022	RAMAKUMAR KAMAGOUD	
4	21	2HN18EC024	RAVIKIRAN .T. KADAM	


Batch: B9

Verilog HDL implementation of 4-bit universal shift register

Sl.No	RI.No	USN	Name of the Student	Guide /Sign
1	29	2HN18EC032	TEJU NINGANURE	 Prof. Sachin S Patil
2	33	2HN19EC400	SNEHAL.S.KAGI	
3	34	2HN19EC401	SUDHA NAGANURI	
4	35	2HN19EC402	TANUJA.T.KHARISING	

Batch: B10 (Parallel)

Digital Entrance using Arduino UNO

Sl.No	RI.No	USN	Name of the Student	Guide /Sign
1	1	2HN17EC034	VADA MAGENNAVAR	 Dr. R.R. Maggavi
2	2	2HN17EC038	VINIT KANTI	
3	3	2HN18EC400	MOHAMED S SHIKH	
4	4	2HN18EC401	PRATIMA S.JUGALAKAR	


HOD
 Electronics & Commn. Engg. Dept.
HSIT NIDASOSHI

**“VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI-
590018**



**S.J.P.N. Trust's
HIRASUGAR INSTITUTE OF TECHNOLOGY
NIDASOSHI-591236
Academic year:2020-21**



**MINI PROJECT REPORT
ON
“AUTOMATIC STREET LIGHT CONTROL SYSTEM.”**

SUBMITTED BY:

- | | |
|------------------------------|------------------------|
| 1. Aishwarya Yashwant | USN: 2HN18EC002 |
| 2. Ranjeeta Patil | USN: 2HN18EC023 |
| 3. Roopa Gadiwaddar | USN:2HN18EC027 |
| 4. Ruksar Shaikh | USN:2HN18EC028 |

**Under the guidance of
Prof. Sunita S. Malaj**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELAGAVI – 590018



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Programmes Accredited by NBA: CSE, ECE, EEE & ME



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

CERTIFICATE

Certified that the mini project entitled "AUTOMATIC STREET LIGHT CONTROL SYSTEM," carried out by Ms. Aishwarya Yashwant(2HN18EC002), Ms. Ranjeeta Patil(2HN18EC023), Ms. Roopa Gadiwaddar (2HN18EC027), and Ms. Ruksar Shaikh (2HN18EC011) are bonafide students of **HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI** in partial fulfillment for the award of **Bachelor of Engineering in Electronics and Communication Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year 2020-2021. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The mini project report has been approved as it satisfies the academic requirements in respect of mini project work prescribed for the said degree.

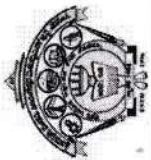

Prof. S. S. Malaj

GUIDE


for Prof. S. B. Akkole
HOD
Electronics & Comm. Engg. Dept.
HSIT NIDASOSHI


Dr. S. S. Kadamate

PRINCIPAL



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Mech. Engg. Dept.
 Mini-Project
 AY:2020-21

Mini-Project 2020-21

Sem: VI				Course : Mini Project	Course code: 18MEMP68	Date: 05/04/2021
Batch No.	USN	Student Name	Guide Name & Sign	Mini-Project Title		
1	2HN18ME037	Shridhar Mudigoud	Dr.S. N. Topannavar	LAPE CONTROL ROBOT		
	2HN18ME005	Ajinkaykumar Bhosale				
	2HN17ME006	Amit parshuram Thorat				
	2HN19ME410	Shweta M Kumbhar				
2	2HN18ME025	Prashant kambar	Dr.K. M. Akkoli	SOLAR MOBILE CHARGER		
	2HN18ME031	Ramkrishn magadum				
	2HN18ME017	Maruti naik				
	2HN18ME002	Abhijit patil				
3	2HN18ME013	Hasansab S Yaragatti	Prof.D. N. Inamdar	AUTOMATIC LIGHTING USING ARDUINO AND PIR SENSOR		
	2HN18ME042	sunil basappa kuligod				
4	2HN18ME011	Babasab H Bagashahi	Prof.D. N. Inamdar	AUTOMATIC LIGHTING USING ARDUINO AND PIR SENSOR		
	2HN18ME039	Siddharth Patil				
	2HN18ME035	Shashidhar mastiholi				
5	2HN18ME033	Sacheen Patil	Prof.M. S. Futane	LPG LEAKAGE DETECTOR USING ARDUINO		
	2HN18ME045	Vinayak A Dodamani				
	2HN18ME032	Ravi Magadum				
	2HN18ME019	Naveenkumar G				
6	2HN18ME048	Vivekananda C Kambi	Prof.S. A. Goudadi	FIRE DETECTION SYSTEM		
	2HN18ME018	Nandish L Vibhuti				
	2HN18ME012	Hanamanth Puji				
	2HN18ME015	Maibub I Mulla				
7	2HN18ME014	Madan M Rayar	Prof.M. A. Hipparagi	Water Level Indicator		
	2HN19ME402	Arun Tubachi				



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Mini-Project

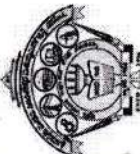
AY:2020-21

2HN18ME009	Arun koulapur			
2HN18ME010	Arun chougule			
2HN18ME036	Shivaprasad Ammanagi			
2HN18ME024	Prashant Madiwalar			
2HN19ME400	Akshay Badakundri			
2HN19ME412	Vijayalaxmi B Bugadi			
2HN19ME408	Prithviraj Heralage			
2HN19ME404	Devendra Chougule			
2HN19ME401	Amar Sangote			
2HN19ME407	mahantesh hiremath			
2HN18ME038	Siddappa karagar			
2HN18ME049	vrushabh mugannavar			
2HN18ME003	Aditya kalbhar			
2HN18ME023	pavankumar shirahatti			
2HN18ME020	Nikhil S Nandigon			
2HN18ME006	Akash B Upadhye			
2HN18ME041	Sumitra P Shinde			
2HN18ME021	Nikhil U Shettennavar			
2HN18ME026	Praveen Chougule			
2HN18ME043	Sushant Magadum			
2HN18ME044	Vikas Khot			
2HN18ME034	Satyappa Karoshi			
2HN19ME413	akshay boragali			
2HN19ME409	Shravan Kurani			
2HN19ME405	dundanagouda patil			
2HN19ME406	jitendra pitage			
8		Prof.Mahantesh Tanodi	HYDRAULIC ROBOTIC ARM	
9		Prof.B. M. Dodamani	smart dustbin	
10		Prof.B. M. Dodamani	MOISTURE DETECTION IN SOIL USING ARDUINO	
11		Prof.Mahantesh Tanodi	MOTION DETECTION SENSOR	
12		Prof.M. A. Hipparagi	android control rower	
13		Prof.M. M. Shivashimpi	Touchless door bell	



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14	2HN16ME056	Rahul G Aiwale	Prof.S. A. Goudadi	clap switch based light control pcb circuit	Mini-Project
	2HN18ME007	Akshay Menasi			
	2HN19ME411	Sourabh Mole			
	2HN19ME403	Arunkumar S Halagatti			
					AY:2020-21




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Department of Electrical & Electronics Engineering

MINI/HOBBY PROJECT GUIDE ALLOTMENT

Date: 12-11-2020

Sl. No	STUDENT NAME	TITLE	GUIDE	SIGN
1	Akhilesh Anil Patil	Wireless AC current detector	Dr. B. V. Madiggond	
2	Aruna Sukhasare			
3	Ashwat Karadigodd	Wireless Power transmission	Prof. H. R. Zinage	H.R.
4	Chaitra M Bijjaragi			
5	Chinna Yashawant	Electric Hand sanitizer machine	Prof. O. B. Heddurshetti	
6	Deepanjali Gadiwaddar			
7	Gajanand V.Koli	Water flow controller using OIR Autoswitch	Prof. S. D. Hirekodi	
8	Hanamant Bhoomar			
9	Kaveri Patil	Distance Measurement using Ultrasonic sensor	Prof. M. P. Yanagimath	ref
10	Kaveri Rainapur			
11	Kaveri Rangappa Babali			
12	Laxmi S Katate	Automatic street light control switch using LDR	Prof. S. D. Hirekodi	
13	Mahantesh K.Elavi			
14	Rajat B.Naganur	Police Led flasher light	Prof. A. U. Neshti	W
15	Pratiksha P. Ankalikar			
16	Rakshita Lokure			
17	Sandesh Pawar			
18	Sangeeta M.	over current & short circuit protection using 555 timer IC	Prof. P. M. Murari	
19	Sanjay Mannikeri			
20	Sanobar Gadampalli	Antibag snatching Alarm	Prof. S. S. Birade	S 12/11
21	Shashikant Ninganagoudar			
22	Soumya Mangavati			
23	Sushank S.Hawaladar	Traffic light controller using 555 timer & 4017 IC	Prof. S. G. Huddar	
24	Triveni Benawadi			
25	Vijayalakshmi Walikar	Digital Voltmeter	Prof. K. B. Negalur	
26	Asmita Pradipkumar			
27	Naveenkumar Gokanvi	DC Motor speed controller using MOSFET	Dr. B. V. Madiggond	
28	Renuka Ganager			
29	Sourabh Babasab			
30	Abhishek Neje	Wireless Doorbell calling system	Prof. H. R. Zinage	H.R. 12/11/2020
31	Raghuram Bhajantri			
32	Vishal Patil			
33	Mahendra Hadimani			
34	Sachin Jadhav	Design of inverter using 555 IC timer.	Prof. O. B. Heddurshetti	
35	Tehamim Rehamanbhai			
36	Vijayakumar Patil			



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Hobby Project

2020-21(Odd Sem)

Sl. No	STUDENT NAME	TITLE	GUIDE	SIGN
37	Amisha Akkole	Voltage doubler Circuit with 555 Times	Prof. M. P. Yanagimath	
38	Ashwini Baragi			
39	Chidanand Harugeri	To Turn insect killer into fluorescent lamp	Prof. A. U. Neshti	
40	Dasharath Karabari			
41	Gopi Mane	Brake failure indicator using 555 Times	Prof. P. M. Murari	
42	Kunal Mane			
43	Mahesh Hirekurubar	Smart room temperature control.	Prof. S. S. Birade	 12/11
44	Muskan Momin			
45	Nagadarshan Kopparad	Wireless AC Power Detector	Prof. K. B. Negalur	
46	Prerana Rajagane			
47	Shivalingappa Teli	'Automatic Fan controller'	Prof. S. G. Huddar	
48	Suraj Drakshe			

 Mini/Hobby Project Coordinator

 18/11/2020
 HOD
Dr. B. V. Madiggond
 Prof. & Head BE, ME, Ph.D.
 Dept. of Electrical & Electronics Engg.
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Academic
Project
2020-21

Date: 24-09-2020

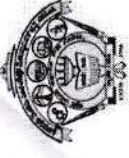
Project Title after Scrutiny for Academic Year 2020-21

Batch No.	Name	USN	Project Title	Guide Name
1	Sanyukta Suresh Patil	2HN17CS023	Classification Of Cancerous Profiles Using Machine Learning.	Prof. N. K. Honnagoudar
	Ankita Gudodagi	2HN17CS004		
	Shruti Killedar	2HN16CS039		
	Toufik Bagawan	2HN17CS007		
2	Chandrashekhar Janti	2HN17CS010	Smart glasses for blind to assist in day-to-day life using computer Vision and Machine Learning	Prof. M. A. Chitale Prof. M. A. Gholap
	Arun Hunderagi	2HN17CS005		
	Akshata Patil	2HN17CS002		
3	Savita Girigoudar	2HN17CS024	A Vehicle theft detection and alert system using Geofence	Prof. S. G. Gollagi
	Keerti Ichalakaranji	2HN17CS013		
	Muskan Nadaf	2HN17CS015		
	Deepa Naik	2HN17CS012		
4	Revati Patil	2HN17CS020	Deaf Sign Interpreter Service	Prof. S. V. Manjaragi
	Aruna Gadakari	2HN17CS006		
	Chaitra Shende	2HN17CS009		
	Sourabh Nagare	2HN18CS400		
5	Namrata Ramesh Karne	2HN17CS016	Disease detection and pesticides suggestion of fruits.	Prof. Aruna A. Daptardar
	Abhishek Patil	2HN17CS001		
	Rahat Mulla	2HN17CS019		
	Siddhalingayya Mathapati	2HN17CS029		
6	Priyanka Malabasari	2HN17CS018	Secure big data storage & sharing scheme for cloud tenants	Prof. C. R. Belavi
	Shoaib Naikwadi	2HN17CS027		
	Vinaya Hanji	2HN17CS037		
7	Yash Anant Hukkeri	2HN17CS041	Real-time prediction of the outbreak of pandemic events from social media data	Dr. K. B. Manwade
	Shrinath Padalale	2HN17CS028		
	Suresh Adasule	2HN17CS032		
8	Vidyashri Janagoud	2HN17CS036	Novel Approach to Plant Leaf Disease Detection and Remedy Suggestion based on Machine Learning	Prof. Mahesh G. Huddar
	Vidya Sanadi	2HN17CS035		
	Sainath Kamble	2HN16CS031		
9	Anubika Ashok Uppaladinni	2HN17CS003	TrafficFingerprintingAttacks on Internet of Things Using Machine Learning	Prof. N. M. Patel
	Chaitra Parunavar	2HN17CS008		
	Laxmi Aralimatti	2HN17CS014		
	Spoorti Shahapur	2HN17CS030		
10	Sakshi Sarawadi	2HN17CS022	Accurate Image Super-Resolution Using Deep Convolutional Networks.	Prof. R. R. Patil
	Sukanya S Arballi	2HN17CS031		
	Vaishnavi kale	2HN17CS033		
	Vinayak S Madiwal	2HN17CS039		

Prof. Mahesh G. Huddar
 Dept. Project Coordinator

Prof. S. V. Manjaragi

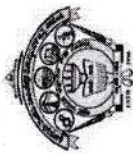
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			Academic
			Project Work
			AY : 2020-21(Even Sem)

Project Work 2020-21

Sem: VIII		Course : Project Work		Course code: 17/15ME85	Date: 05/04/2021
Batch No.	Student Name	USN	Project Title	Guide Name	
1	Vinay Mathapati	2HN17ME062	Eco-friendly Fly Ash-saw Dust Composite Material	Dr.S. N. Topannavar	
	Deepak S Talwar	2HN16ME021			
	Prateek Nilaji	2HN17ME032			
	Vaibhav Ranaba Patil	2HN17ME059			
2	Shweta Watihare	2HN17ME049	Design and Manufacturing of solar powered seed sowing machine	Dr.K. M. Akkoli	
	Swapnil Bhuiambar	2HN14ME107			
	Mahantesh Baad	2HN15ME038			
	Ajaya N khot	2HN16ME400			
3	Sachin Chunamuri	2HN17ME041	Solar Bubble Dryer	Prof.D. N. Inamdar	
	Vaibhav kanagali	2HN17ME058			
	Deepak mudasi	2HN17ME012			
	Sanket shetake	2HN17ME043			
4	Kadagouda Patil	2HN17ME017	Three wheeled segway for patrolling	Prof.D. N. Inamdar	
	Shravan Hiremath	2HN17ME045			
	Sachin Arjun Uppar	2HN17ME040			
	Akshay Girimallanavar	2HN18ME401			
5	Abhishek Malagoudanavar	2HN17ME001	Design and Implementation of a Solar powered smart irrigation system	Prof.M. S. Futhane	
	Mahantesh Hukkeri	2HN17ME019			
	Mahantesh Kamate	2HN17ME020			
	Mahantesh patil	2HN17ME021			





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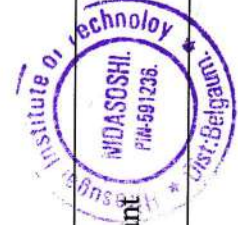
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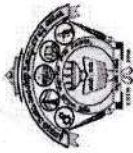
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Project Work

AY : 2020-21(Even Sem)

6	Punitkumar Pundalik	2HN17ME034	Lawn mower with wireless robot in Agriculture Field	Prof.M. S. Futhane
	Rahul Chougula	2HN17ME035		
	Shreyansh Belavi	2HN17ME047		
	Bheemashankar M Naykodi	2HN17ME010		
7	sudhakar reddy	2HN17ME052	Recycling of plastic waste by shredding process	Prof.S. A. Goudadi
	vinayak vijayanagar	2HN17ME063		
	veeresh hiremath	2HN17ME061		
	ulavayya hiremath	2hn17me057		
8	Shivanand G Haranatti	2HN17ME046	Advanced Car Jack controlled by Wireless system	Prof.S. A. Goudadi
	Mallikarjun Hukkeri	2HN17ME023		
	Bahubali M Muggannavar	2HN17ME008		
	Abhishek Murigeppa Jamakhandi	2HN17ME002		
9	Suresh Naganuri	2HN17ME056	Investigation of Mechanical properties of Natural and hybrid composite material Using GP Resin	Prof.M. M. Shivashimpi
	Prateek Shetti	2HN16ME050		
	Sushil Varute	2HN16ME084		
	Akshay Aralimatti	2HN18ME400		
10	Mohammadsohail Badkar	2HN17ME024	Solar vehicle for Agriculture aspects	Prof.M. M. Shivashimpi
	Naveen Umarane	2HN17ME026		
	Ratan Sollapure	2HN17ME037		
	Sunil D Mudhole	2HN17ME053		
11	Girish S Chougala	2HN17ME015	Mechanical sanitizer sprayer pump	Prof.M. A. Hipparagi
	Basavaraj Daballi	2HN17ME009		
	Rakesh pujeri	2HN17ME036		
	Kenchappa kattikar	2HN17ME018		
12	Imamhussain Naikwade	2HN17ME016	Automated household sewage treatment plant	Prof.M. A. Hipparagi
	Nikhil Kudachi	2HN17ME027		
	Prajwal Kadam	2HN17ME031		





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	Anjana Hunachyali	2HN17ME007		
	Raveendra Janti	2HN17ME038		
13	Roshan Antannavar	2HN17ME039	Multipurpose agro machine	Prof.Mahantesh Tanodi
	Sarjerao Gawade	2HN17ME044		
	Vishal Patil	2HN16ME092		
	Mrutyunjaya Shiragannavar	2HN17ME025		
14	Ningaraj Budi	2HN17ME028	Fabrication of wireless industrial waste sorting system based on magnetic and nonmagnetic, size and color.	Prof.Mahantesh Tanodi
	Omkar Anand Balekundri	2HN17ME029		
	Ajit Poojari	2HN17ME003		
	Yashod M Badagavi	2HN17ME064		
15	Praveen Doog	2HN17ME033	Design and Fabrication of IOT based river cleaning machine	Prof.B. M. Dodamani
	Patil Kaustubh Shivajirao	2HN16ME046		
	Dhiraj Gondhali	2HN17ME013		
	Ningappa s naik	2HN16ME040		
16	Hrishikesh.Rajendra.Yadav	2HN16ME026	Effect of adding Nano grapheme oxide with N-butenol-Tallow oil methyl ester on diesel engine performance and emissions	Prof.B. M. Dodamani



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Project Titles for 2017 Scheme Students for the AY 2020-21

Batch No.	Name of the students	USN	Title	Guide	Sign
B1	Megha Prakash Ambi	2HN17EE009	Design and Implementation of Solar Powered Tricycle for Handicapped Person	Smt. H. R. Zinage	H.R.
	Akshata Basagouda Patil	2HN17EE002			
	Suraj Sunil Patil	2HN17EE015			
B2	Nadira Choudhari	2HN17EE010	Brain Cancer Detection using Artificial Intelligence	Shri. A. U. Neshti	A.U.
	Annapurna Guledavar	2HN18EE400			
	Gururaj P.Badiger	2HN16EE012			
B3	Rajeshwari Baradi	2HN17EE011	Solar Powered, Remote Controlled, Multifunctional Robot Agricultural Applications	Shri. P. M. Murari	P.M.
	Chetan K Shivamoggimath	2HN17EE004			
	Mahesh B.Pattar	2HN17EE007			
B4	Pooja Ravasaheb Keste	2HN18EE402	A Novel Efficient PMU data compression technique for early event detection	Shri.M.P.Yanagimath & Shri. K. B. Negalur	M.P. & K.B.
	Janardhan Shingade	2HN18EE401			
	Shridhar Patil	2HN18EE406			
B5	Kaveri A.Kamat	2HN17EE006	Modeling, Simulation and Analysis of BLDC Motor	Shri. S. S. Birade	S.S.
	Rekha Arjun Paraganve	2HN17EE012			
	Kalmesh Rendale	2HN17EE005			
	Sushma Laxman Donawad	2HN17EE016			
B6	Ranjana Basavaraj Kadam	2HN18EE404	MPPT Based Performance Improvement of Wind Turbine System	Dr. B. V. Madiggond	B.V.
	Praveen Patil	2HN18EE403			
	Sumant Jatti	2HN18EE407			
B7	Manisha Jugulkar	2HN17EE008	Modelling, Simulation and Analyzation of Hybrid Power System	Shri.S.D.Hirekodi & Smt. S. G. Huddar	S.D. & S.G.
	Anjuma Mulla	2HN17EE003			
	Abhijeet Devarushi	2HN17EE001			
	Sachin Kallale	2HN17EE013			

Project Coordinator
Prof. M. P. Yanagimath

Dr. B. V. Madiggond
Prof. & Head BE,ME,Ph.D.
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Project Titles for 2015 Scheme Students for the AY 2020-21

Batch No.	Name of the students	USN	Title	Guide	Sign
B1	Sachin Basappa Shirigiri	2HN16EE032	Design and Implementation of Advanced Plant Leaf Disease Detection and Climatic Parameters Monitoring of Plants	Shri.O.B.Heddurshetti	
	Malikrehan Darur	2HN16EE018			
	Shinde Sayali Sidram	2HN16EE037			
	Praveen V Janamatti	2HN15EE035			

16/1/2021
Project Coordinator
Prof. M.P. Yanagimath

16/1/21
Dr. B. V. Madiggond
Prof. & Head BE,ME,Ph.D.
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A PROJECT REPORT ON

WOOD FLY ASH BY USING GP RESIN

Submitted in partial fulfillment of the requirement for the award for the degree of

BACHELOR OF ENGINEERING IN MECHANICAL

Submitted by:

Mr. VINAY MATHAPATI

USN:2HN17ME062

Mr. DEEPAK S TALWAR

USN:2HN16ME021

Mr. PRATEEK NILAJI

USN:2HN17ME032

Mr. VAIBHAV RANABA PATIL

USN:2HN17ME059

Under the guidance of

Dr. S.N. Topannavar

DEPARTMENT OF MECHANICAL ENGINEERING

2020-21

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI- 590018



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DEPARTMENT OF MECHANICAL ENGINEERING

Certificate

Certified that the project work entitled "**WOOD FLY ASH COMPOSITES USING GP RESIN**" carried out by **Mr.VINAY MATHAPATI** USN:2HN17ME062, **Mr.DEEPAK TALWAR** USN:2HN16ME021 and **Mr.PRATEEK NILAJI** USN:2HN17ME032 **Mr.VAIBHAV PATIL** USN:2HN17ME059 are bonafide student of **HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI** in partial fulfillment for the award of Bachelor of Mechanical Engineering of the Visvesvaraya Technological University, Belagavi during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Dr. S.N.TOPANNAVAR
GUIDE



Dr. S.N.TOPANNAVAR
H.O.D
Mechanical Engg.
HIT, Nidasoshi



Dr. S.C.KAMATE
PRINCIPAL
PRINCIPAL
HIT, Nidasoshi.
Signature with date

Name of the Examiners

1. _____

2. _____



*Dedicated to Our beloved
Parents, Teachers and Friends
for their Friendly Co-operation*

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of any task would be incomplete without mention of the people who made it possible, whose constant guidance and encouragements crowned my efforts with success. We take this opportunity to express my deepest gratitude and appreciation to all those who helped us directly or indirectly towards the successful completion of this project.

Our special thanks to **Dr.S.C.KAMATE**, HIRASUGAR INSTITUTE OF TECHNOLOGY NIDASOSHI, Principal of, for all the facilities provided.

We are grateful to our HOD **Dr.S.N.TOPANAVAR**, Department of Mechanical Engineering, for his support and encouragement that we went along way in successful completion of this project.

We consider this a privilege to express my heartfelt gratitude and respect to Dr.S. N.TOPANNAVAR, Department of Mechanical Engineering for being our project guide, for their integrals and incessant support offered to us for this project and for being constant source of inspiration throughout the project.

We would like to thank our **Parents**, for their guidance and encouragement throughout our life and for the future studies.

Last but not the least; we would like to thank all our **faculty members** and **friends**, who have helped us in preparation of this dissertation.

Mr. VINAY MATHAPATI

Mr. DEEPAK TALWAR

Mr. PRATEEK NILAJI

Mr. VAIBHAV PATIL

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ABSTRACT

Fly ash is produce from the thermal power plant from the coal combustion as a problematic solid waste all over the world. India has some of the largest reserves of coal in world. Wood Powder can be used in various forms, however, it is commonly used in the form of wood flour (fine particles).The composite plates are developed by gp resin. The specimen preparation and testing was carried out as per ASTM standards and mechanical properties like tensile and compressive of bio composite were evaluated. Finally, the properties of developed composite are compared with the corresponding properties of wood and conventional wood + fly ash



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(ME/AY-2020-21Odd/Aca/Circular/07, Dated: 02/11/2020)

Activity Report

S.No.	Title of the information	Information in brief												
1	Identified Gap No/s.:	07												
2	Activity Type:	Project Exhibition												
3	Activity/Event Organizer/s or Coordinator/s:	Prof. D. N. Inamdar Prof. S. A. Goudadi Prof. M .M. Shivashimpi Prof. Mahantesh Tanodi												
4	Title of the Activity/Event:	Project Exhibition												
5	Time: Date:	10.30 AM to 02.00 AM 11-08- 2021												
6	Venue:	Workshop Corridor												
7	Objectives:	1. To provide the platform and unleash the potential of the students by showcasing their innovative projects developed in the Final Year either as Industry Defined Problem or User Defined Problem and provide an opportunity for the students to demonstrate their learning experience. 2. To encourage students to think critically, solve challenging problems, and develop skills such as oral communication, public speaking, research, teamwork, planning etc. 3. Promoting interest in Science and Technology among younger generation.												
8	Activity Outcomes:	PO1: Engineering knowledge-1 PO2: Problem analysis-1 PO3 :Design/development of solutions-1 PO4: Conduct investigations of complex problems-1 PO5: Modern tool usage-1 PO6: The engineer and society-1 PO7: Environment and sustainability-1 PO8: Ethics-1 PO9: Individual and team work-1 PO10: Communication-1 PO11: Project management and finance-1 PO12: Life-long learning-1 PSO1 - 1, PSO2 – 1 and PSO3 - 1												
9	Details of Resource Person/s with contact details:	1. Mr. Sunil Huddar, Wing Commander, Indian Air force Mobile: :+91-9464989944 2. Mr. Mukesh Choudhary, Senior Manager, Tata Hitachi Constructions and Equipments, Dharwad 3. Anil Mane, Quality Assurance Department, AEQUS Private Limited, Hattaragi												
10	Finance Management:	Expenses incurred by the Department Association AIMSS												
11	No. of participants	Students: Boys : 33 & Girls :02, Staff: NIL												
12	Mapped POs ,Weight-age assigned & %age of attainment : PO (Weight-age)	<table><tr><th>PO mapped</th><th>Weight-age assigned (1/2/3)</th><th>% age of Attainment</th><th>Level of attainment</th></tr><tr><td>PO1</td><td>1</td><td>97.6</td><td>0.976</td></tr><tr><td>PO2</td><td>1</td><td>97.6</td><td>0.976</td></tr></table>	PO mapped	Weight-age assigned (1/2/3)	% age of Attainment	Level of attainment	PO1	1	97.6	0.976	PO2	1	97.6	0.976
PO mapped	Weight-age assigned (1/2/3)	% age of Attainment	Level of attainment											
PO1	1	97.6	0.976											
PO2	1	97.6	0.976											



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Activity Report

AY:2020-21

		PO3	1	97.6	0.976
		PO4	1	97.6	0.976
		PO5	1	97.6	0.976
		PO6	1	97.6	0.976
		PO7	1	97.6	0.976
		PO8	1	97.6	0.976
		PO9	1	97.6	0.976
		PO10	1	97.6	0.976
		PO11	1	97.6	0.976
		PO12	1	97.6	0.976
13	Mapped PSOs, Weight-age assigned & %age of attainment : PSO (Weight-age)	PSO mapped	Weight-age assigned (1/2/3)	%age of Attainment	Level of attainment
		PSO1	1	97.6	0.976
		PSO2	1	97.6	0.976
		PSO3	1	97.6	0.976
14	Outcomes achieved/Impact analysis:	<p>1. The activity mapped with PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11 & PO12 was found satisfactory with attainment level of 0.976, 0.976, 0.976, 0.976, 0.976, 0.976, 0.976, 0.976, 0.976, 0.976, 0.976 and 0.976 against the Mapped values during the impact analysis.</p> <p>2. The activity mapped with PSO1, PSO2 and PSO3 was found satisfactory with attainment level of 0.976, 0.976, 0.976 against the Mapped value during the impact analysis.</p>			

Photo Gallery

Mr. Sunil Huddar, Mr. Sunil Huddar, Wing Commander, Indian Air force evaluating with student project during Project Exhibition held on 11th August 2021.



Mr. Mukesh Choudhary, Senior Manager, Tata Hitachi Constructions and Equipments, Dharwad and Mr. Anil Mane, Quality Assurance Department, AEQUS Private Limited Hattaragi are interacting and evaluating the student project during project Exhibition held on 11th August 2021.


Mr. Vivekanand Kambi
AIMSS Secretary

Prof.M.M.Shivashimpi & Prof.D.N.Inamdar
AIMSS-Coordinator/s

Dr. S. N. Topannavar

HOD
Mechanical Engg.
HIT, Nidasoshi

Nidasoshi, Taq: Hukkeri, Dist: Belgaum, Karnataka - 591 236
Phone: +91-8333-278887, Fax: 278886, Web: www.hsit.ac.in Mail: hod.mech@hsit.ac.in

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		Academics
		Notice/Circular
		AY:2020-21 (Even Sem)

Date: 30-07-2021

Notice/Circular

SUBJECT: Submission of Project Phase-I & Phase-II, Technical Seminar and Internship reports/documents.

All the final year Mechanical engineering students are hereby informed to submit the following reports / documents in single CD/DVD on or before 4th August 2021 5pm to the respective Guide.

1. Duly signed Project Phase-I synopsis and PPT.
2. Project Phase-II Report with duly signed Certificate as a front page (For KSCST sanctioned project – Sanction letter as a second page) and PPT.
3. Technical Seminar Report with duly signed Certificate as a front page and PPT.
4. Internship Report with duly signed Certificate as a front page & Completion Certificate from Industry as a second page and PPT.

-Sd-
 Dr.S. N. Topannavar
 HOD

Mechanical Engineering Department
 Copy to:
 VII class
 NB



Attendance Sheet

EVENT: PROJECT EXHIBITION

Sem: VIII

Date: 11-08-2021

R.No	STUDENT NAME	USN	Signature	R.No	STUDENT NAME	USN	Signature
1	Swapnil Bhumbar	2HN14ME107		32	Ningaraj Budi	2HN17ME028	<i>Hingur</i>
2	Mahantesh V Baad	2HN15ME038		33	Omkar Balekundri	2HN17ME029	
3	Hrishikesh R Yadav	2HN16ME026		34	Prajwal Kadam	2HN17ME031	<i>R</i>
4	Ningappa Naik	2HN16ME040		35	Prateek Prakash Nilaji	2HN17ME032	
5	Koustubh Patil	2HN16ME046		36	Praveen B Doog	2HN17ME033	<i>Pap</i>
6	Prateek Shetti	2HN16ME050		37	Punitkumar Pundalik	2HN17ME034	<i>Punit</i>
7	Sushil Varute	2HN16ME084		38	Rahul Chougula	2HN17ME035	<i>Sale</i>
8	Patil Vishal Mahadev	2HN16ME092		39	Rakesh Prakash Pujeri	2HN17ME036	
9	Ajay N. Khot	2HN16ME400		40	Ratan Sollapure	2HN17ME037	<i>B.R.S.</i>
10	Deepak Talwar	2HN16ME021	<i>Deepak</i>	41	Raveendra Suresh Janti	2HN17ME038	
11	Abhishek Malagoudanavar	2HN17ME001	<i>Abhishek</i>	42	Roshan Antannavar	2HN17ME039	
12	Abhishek M Jamakhandi	2HN17ME002	<i>Abhishek</i>	43	Sachin Arjun Uppar	2HN17ME040	<i>Sachin</i>
13	Ajit Prakash Poojari	2HN17ME003	<i>Ajit</i>	44	Sachin Chunamuri	2HN17ME041	<i>Sachin</i>
14	Miss Anjana Hunachyali	2HN17ME007	<i>Miss Anjana</i>	45	Sanket Sanjay Shetake	2HN17ME043	<i>Sanket</i>
15	Bahubali Muggannavar	2HN17ME008	<i>Bahubali</i>	46	Gawade Sarjerao Dattu	2HN17ME044	<i>Gawade</i>
16	Basavaraj Annasab Daballi	2HN17ME009	<i>Basavaraj</i>	47	Sharavan Hiremath	2HN17ME045	
17	Bheemashankar Naykodi	2HN17ME010	<i>Bheemashankar</i>	48	Shivanand G. Haranatti	2HN17ME046	<i>Shivanand</i>
18	Deepak Mudasi	2HN17ME012	<i>Deepak</i>	49	Shreyansh Belavi	2HN17ME047	
19	Dhiraj Gondhali	2HN17ME013		50	Miss. Shweta S Wathare	2HN17ME049	<i>Shweta</i>
20	Girish Chougala	2HN17ME015		51	Sudhakar Reddy	2HN17ME052	
21	Imamhussain Naikwade	2HN17ME016	<i>Imamhussain</i>	52	Sunil D. Mudhole	2HN17ME053	
22	Kadagouda Patil	2HN17ME017		53	Suresh Naganuri	2HN17ME056	<i>Suresh</i>
23	Kenchappa Kattikar	2HN17ME018		54	Ulavayya Hiremath	2HN17ME057	
24	Mahantesh Hukkeri	2HN17ME019	<i>Mahantesh</i>	55	Vaibhav Kanagali	2HN17ME058	
25	Mahantesh Kamate	2HN17ME020	<i>Mahantesh</i>	56	Vaibhav Ranaba Patil	2HN17ME059	<i>Vaibhav</i>
26	Mahantesh Patil	2HN17ME021		57	Veeresh S Hiremath	2HN17ME061	<i>Veeresh</i>
27	Mallikarjun Hukkeri	2HN17ME023	<i>Mallikarjun</i>	58	Vinay Mathapati	2HN17ME062	<i>Vinay</i>
28	Mahammadsohel Badakar	2HN17ME024	<i>Mahammadsohel</i>	59	Vinayak Vijaynagare	2HN17ME063	<i>Vinayak</i>
29	Mrutyunjaya Shiragannavar	2HN17ME025	<i>Mrutyunjaya</i>	60	Yashod M Badagavi	2HN17ME064	<i>Yashod</i>
30	Naveen B. Umarane	2HN17ME026	<i>Naveen</i>	61	Akshay Aralimatti	2HN18ME400	<i>Akshay</i>
31	Nikhil Kudachi	2HN17ME027	<i>Nikhil</i>	62	Akshay Girimallanavar	2HN18ME401	

(Signature)
HOD
Mechanical Engg.
HIT, Nidasoshi



Attendance Sheet

EVENT: PROJECT EXHIBITION


Sem: VIII

Date: 11-08-2021

R.No	STUDENT NAME	USN	Signature	R.No	STUDENT NAME	USN	Signature
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6	Prateek Shetti	2HN16ME050		37	Punitkumar Pundalik	2HN17ME034	<i>Punit</i>
7	Sushil Varute	2HN16ME084		38	Rahul Chougula	2HN17ME035	<i>Sale</i>
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		AIMSS
		Final Year Project Exhibition
		AY: 2020-21

Project Exhibition : 2020-21


Evaluation Sheet

Sem: VIII


Date: 13/08/21

Evaluation Committee member: Anil Mane, OAD Dept, AECUS Pvt Ltd Belagavi;

Batch No.	Project title	Working and Outcomes	Team coordination and contribution	Presentation and Q&A with Justification	Total	Remark
		(10+10=20 Points)	(10+10=20 Points)	(10 Points)	50 Points	
1	Eco-friendly Fly Ash-saw Dust Composite Material	15	15	5	35	
2	Design and Manufacturing of solar powered seed sowing machine	15	15	6	36	
3	Solar Bubble Dryer	18	18	6	42	Good - 2
4	Three wheeled segway for patrolling	16	16	6	38	Good
5	Design and Implementation of a Solar powered smart irrigation system	15	15	5	35	
6	Lawn mower with wireless robot in Agriculture Field	15	15	6	36	
7	Recycling of plastic waste by shredding process	14	14	5	33	
8	Advanced Car Jack controlled by Wireless system	17	17	6	40	Good III
9	Investigation of Mechanical properties of Natural and hybrid composite material Using GP Resin	18	18	5	41	Good IV

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10	Solar vehicle for Agriculture aspects	15	15	5	35	
11	Mechanical sanitizer sprayer pump	17	15	5	37	
12	Automated household sewage treatment plant	15	16	6	37	
13	Multipurpose agro machine	14	15	6	35	
14	Fabrication of wireless industrial waste sorting system based on magnetic and nonmagnetic, size and color.	15	15	5	35	
15	Design and Fabrication of IOT based river cleaning machine	17	15	5	37	
16	Effect of adding Nano grapheme oxide with N-butenol-Tallow oil methyl ester on diesel engine performance and emissions	15	16	6	37	

Name, Designation and Signature of Evaluation Committee Member:


Mr. Anil Manu
O&D Department
AECOS Pvt Ltd Belagavi



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**Final Year Project
Exhibition**

AY: 2020-21

Project Exhibition : 2020-21


Evaluation Sheet

Sem: VIII

Date: 13/08/21

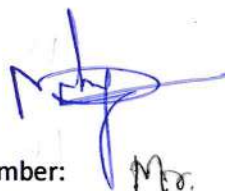
Evaluation Committee member: Mr. Muresh Chaudhary, Senior Manager, Tata Hitachi Construction Equipment, Dhalwad.

Batch No.	Project title	Working and Outcomes	Team coordination and contribution	Presentation and Q&A with Justification	Total	Remark
		(10+10=20 Points)	(10+10=20 Points)	(10 Points)	50 Points	
1	Eco-friendly Fly Ash-saw Dust Composite Material	15	15	06	36	
2	Design and Manufacturing of solar powered seed sowing machine	15	15	07	37	
3	Solar Bubble Dryer	16	16	08	40	I st
4	Three wheeled segway for patrolling	15	15	04	34	
5	Design and Implementation of a Solar powered smart irrigation system	16	16	04	36	
6	Lawn mower with wireless robot in Agriculture Field	15	15	05	35	
7	Recycling of plastic waste by shredding process	16	16	04	36	
8	Advanced Car Jack controlled by Wireless system	15	16	07	38	III rd
9	Investigation of Mechanical properties of Natural and hybrid composite material Using GP Resin	16	16	07	39	II nd


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					AIMSS
					Final Year Project Exhibition
					AY: 2020-21

10	Solar vehicle for Agriculture aspects	15	15	04	34	
11	Mechanical sanitizer sprayer pump	14	14	04	32	
12	Automated household sewage treatment plant	15	14	05	34	
13	Multipurpose agro machine	15	15	05	35	
14	Fabrication of wireless industrial waste sorting system based on magnetic and nonmagnetic, size and color.	15	15	06	36	
15	Design and Fabrication of IOT based river cleaning machine	15	15	05	35	
16	Effect of adding Nano grapheme oxide with N-butenol-Tallow oil methyl ester on diesel engine performance and emissions	15	15	04	34	

Name, Designation and Signature of Evaluation Committee Member:



Mr. Mukesh Choudhary
 Senior Manager
 Tata Hitachi Construction Equipment
 Dharwad.

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		AIMSS
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		AY: 2020-21

Project Exhibition : 2020-21

Evaluation Sheet

Sem: VIII

Date:

Evaluation Committee member: *Mr. Sunil Huddal, wing Commander, Indian Air Force.*

Batch No.	Project title	Working and Outcomes	Team coordination and contribution	Presentation and Q&A with Justification	Total	Remark
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5	Design and Implementation of a Solar powered smart irrigation system	14	14	04	32	
6	Lawn mower with wireless robot in Agriculture Field	15	15	04	34	
7	Recycling of plastic waste by shredding process	14	14	02	30	
8	Advanced Car Jack controlled by Wireless system	15	15	05	35	
9	Investigation of Mechanical properties of Natural and hybrid composite material Using GP Resin	15	16	06	37	



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Signature

Mr. Sunil Huddas,

Wing Commander, Indian Air Force

Name, Designation and Signature of Evaluation Committee Member:

	<p align="center">S J P N Trust's Hirasugar Institute of Technology, Nidasoshi <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME.</p>	Mech. Engg. Dept.
		AIMSS
		Final Year Project Exhibition
		AY: 2020-21

Project Exhibition : 2020-21


Result Sheet


Sem: VIII


Date: 13/08/21

Prize	Project title	Name of Project Associates
1	Solar Bubble Domes	1) Saubhin Churnamur; 2) Vaibhav Karagale; 3) Deepak Mudali; 4) Sanket Shetake
2	Investigation of Mechanical Properties of Natural & Hybrid Composite Materials	1) Suresh Nagam; 2) Prateek Shetti 3) Sushil Vasude 4) Akshay B.
3	Advanced Car Jack Controlled by wireless System.	1) Shivanand Hasnatti; 2) Abhishek Jangalkhand; 2) Bahubali Muggannavar 3) Mallikarjun Hukker;

Name, Designation and Signature of Evaluation Committee Members:

1  Mr. Sunil Huddal, Wing Commander, Indian Air Force.

2  Mr. Mukesh Choudhary, Senior Manager, Tata Hitachi Construction Equipments, Dharwad.

3  Mr. Anil Mane, QAO Dept.
AEGUS Pvt Ltd Belagavi.




HOD
Mechanical Engg.
HIT, Nidasoshi



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Certificate Of Merit

This is to certify that Mr./Miss Sachin Churnamazi & team
of VIII Sem Mechanical Dept. has attended / participated in _____
Project Exhibition 2020-21 competition/event conducted on 13/08/2021
and secured First / ~~Second~~ / ~~Third~~ / ~~Consolation~~ prize.

Staff Co-ordinator

HOD

Dr. S. C. Kamate
Principal



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Programmes Accredited by NBA: CSE, ECE, EEE & ME

Certificate Of Merit

This is to certify that Mr./Miss Suresh Naganur & team
of VIII Sem Mechanical Dept. has attended / participated in _____
Project Exhibition 2020-21 competition/event conducted on 13/08/2021
and secured ~~First~~ / Second / ~~Third~~ / Consolation prize.


Staff Co-ordinator


HOD


Dr. S. C. Kamate
Principal



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Accredited at 'A' Grade by NAAC
Programmes Accredited by NBA: CSE, ECE, EEE & ME

Certificate Of Merit

This is to certify that Mr./Miss Shivanand Hoanatti
of VIII Sem Mechanical Engg Dept has attended / participated in 1st/2nd/3rd
Project Exhibition 2020-21 competition/event conducted on 13/08/2021
and secured First/Second/Third / Consolation prize.

Staff Co-ordinator

HOD

Dr. S. C. Kamate
Principal



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Mech. Engg. Dept

Activities

Feedback

2021-22 (Odd)

FEEDBACK

Title of the Activity: **Project Exhibition**

Gap No.: 7	Mapped POs	POs Weightage	Mapped PSOs	PSOs Weightage
	1 to 12	1 to 1	1 to 3	1 to 1

Date/Duration: 11-08-2021

Venue: Workshop Corridor

Note: Solicit your response in numeric (10 points:Excellent-0 point: Not Good)

S.No.	Parameter	Numeric Response (0-10)
1	Inclusive of Relevancy/National Interest in the Activity/trained content	10
2	Applicable/Helpful to build and lead the better career after the graduation	10
3	Rate the resource person/s/Competency in the activity/event	10
4	Your development/+ve change during the activity/event	9
5	Overall motivation and inspiration received during the activity period	10
Total points		49

Write your comments on activity/event organization (All Arrangements such as Hospitality, Logistics, and Hall etc.):

Signature of the Participant



Impact Analysis and PO & PSO Attainment

Activity Name: Project Exhibition

No. of Respondents (N): 35

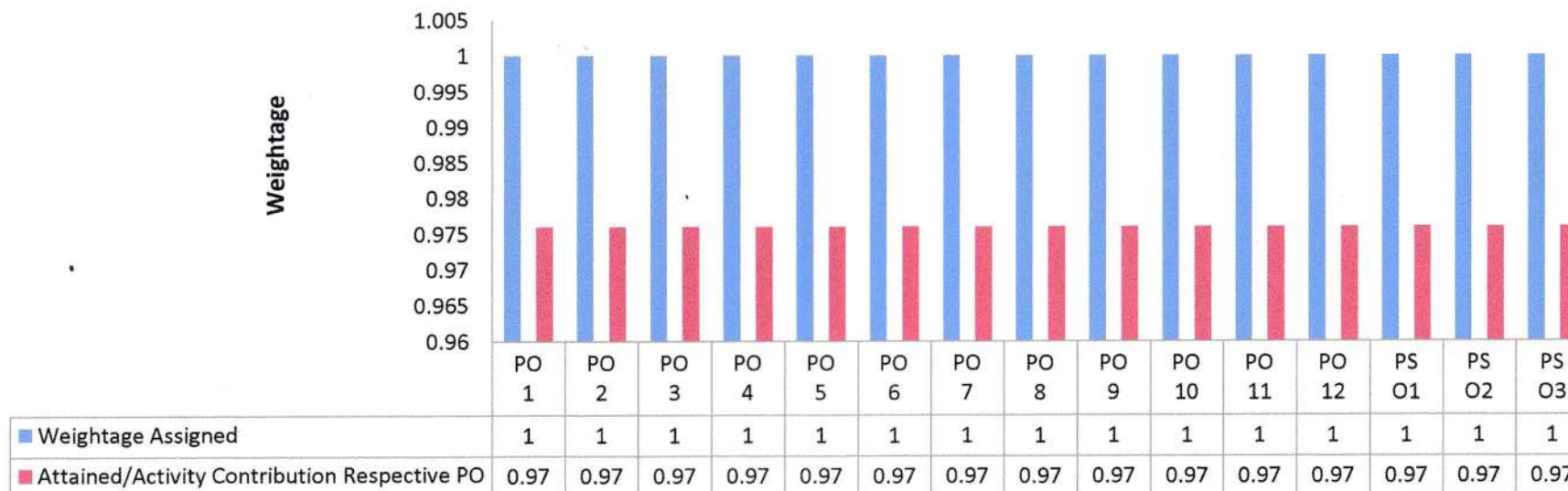
Grand Total Points given by all respondents (T):1709

Impact Coefficient (IC=0-1): Here, $IC = T / (N * 50) = 1709 / (35 * 50) = 0.976$

Mapped PO/s	Weightage Assigned (1/2/3)	PO Attained/Activity Contribution to the respective PO (IC*Weightage Assigned)	Mapped PSO/s	Weightage Assigned (1/2/3)	PO Attained/Activity Contribution to the respective PSO (IC*Weightage Assigned)
PO1	1	0.976	PSO1	1	0.976
PO2	1	0.976	PSO2	1	0.976
PO3	1	0.976	PSO3	1	0.976
PO4	1	0.976			
PO5	1	0.976			
PO6	1	0.976			
PO7	1	0.976			
PO8	1	0.976			
PO9	1	0.976			
PO10	1	0.976			
PO11	1	0.976			
PO12	1	0.976			



Impact Analysis and PO & PSO Attainment



Justification:

1. Justification for Mapping of POs & PSOs

Mapped POs/ PSOs	Weightage	Justification
PO1	1	This activity helps to develop better solutions to more challenging problems.
PO2	1	This activity highlights for the structured approach for identifying problems and their root causes to ensure that attention is focused upon the real issues.
PO3	1	This activity to help students to create and evaluate solutions in response to design related problems



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Mech. Engg. Dept.

Activities

Impact Analysis on Feedback

AY:2020-21

PO4	1	This activity helps to provides the students with the opportunity to collaborate their learning with practical implementation but also develops more skills like problem-solving, critical thinking and time management.
PO5	1	This activity helps to understand the use the tool to apply, formulate, design, implement and demonstrate a self-designed project.
PO6	1	This activity highlights an opportunity for creative and innovative engineers to use their inventions and expertise to solve society related problems.
PO7	1	This activity highlights an balances the environmental, social, economic aspects of project-based working to meet the current needs of stakeholders.
PO8	1	This activity highlights ethical values such as Trust, honesty, responsibility, respect and fairness to create harmony and professionalism in teams, which in turn leads to project success.
PO9	1	This activity highlights importance of the team work to exchange ideas and come up with creative ways of doing things. By working together, teams can find the solutions that best project.
PO10	1	This activity highlights the manage their teams and coordinate efforts in order to bring about a project's successful.
PO11	1	This activity involve a one-time project or an ongoing activity, and resources managed include personnel, finances, technology, and intellectual property.
PO12	1	This activity highlights designing the model, usage of modern tools and product model in project work.
PSO1	1	This activity addresses the application of engineering knowledge to solve social and industries problems in project work.
PSO2	1	This activity highlights to design and analyze mechanical systems n project work.
PSO3	1	This activity provides exposure to the current issues of prototyping parts to performance products and the developments happening in project model development.

- The activity mapped with PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11 & PO12 was found satisfactory with attainment level of 0.976, 0.976, 0.976, 0.976, 0.976, 0.976, 0.976, 0.976, 0.976, 0.976, 0.976 and 0.976 against the Mapped values during the impact analysis.
- The activity mapped with PSO1, PSO2 and PSO3 was found satisfactory with attainment level of 0.976, 0.976 and 0.976 against the Mapped value during the impact analysis.

Conclusion: The activity organized to fulfill the program outcomes engineering knowledge, problem analysis, design/development of solutions, conduct investigations of complex problems, modern tool usage, engineer and society, Environment and sustainability, Ethics, Individual and team work,

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Phone:+91-8333-278887, Fax:278886, Web:www.hsit.ac.in, Mail:hod.mech@hsit.ac.in



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Activities

Impact Analysis on Feedback

AY:2020-21

Communication, Project management and finance and lifelong learning and PSO1, PSO and PSO3 has mitigated the gap identified satisfactorily to some extent.

Future Suggestions: Such activity can be extended through conducting future project exhibitins for our students to create interest in the participating the national and international level project exhibitions to bring out the final produt for society.

Mr. Vivekanand Kambi
AIMSS Secretary

for

Prof. M.M. Shivashimpi & Prof. D.N. Inamdar
AIMSS-Coordinator/s

Dr. S.N. Topannavar

HOD
Mechanical Engg.
HIT, Nidasoshi





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CSED
Academic
Internship
2020-21 (ODD)

Date: 11.02.2021

List of Students Undergone/Completed Internship

Sl.No.	Name of the Student	USN	Name of the Undergone Internship company
1.	LAXMI ARALIMATTI	2HN17CS014	Tech-Fortune, Bangalore
2.	RAHAT MULLA	2HN17CS019	Tech-Fortune, Bangalore
3.	MUSKAN NADAF	2HN17CS015	Tech-Fortune, Bangalore
4.	VINAYA V. HANJI	2HN17CS037	Tech-Fortune, Bangalore
5.	SHRUTI B. KILLEDAR	2HN16CS039	Tech-Fortune, Bangalore
6.	SANYUKTA S. PATIL	2HN17CS023	Tech-Fortune, Bangalore
7.	SOURABH D NAGARE	2HN18CS400	Tech-Fortune, Bangalore
8.	ARUNA A. GADAKARI	2HN17CS006	Tech-Fortune, Bangalore
9.	ANKITA GUDODAGI	2HN17CS004	Tech-Fortune, Bangalore
10.	VIDYASHRI JANAGOUD	2HN17CS036	Tech-Fortune, Bangalore
11.	DEEPA MALLAPPA NAIK	2HN17CS012	Tech-Fortune, Bangalore
12.	NAMRATA KARME	2HN17CS016	Tech-Fortune, Bangalore
13.	VINAYAK MADIWAL	2HN17CS039	Tech-Fortune, Bangalore
14.	SUKANYA S. ARABALLI	2HN17CS031	Tech-Fortune, Bangalore
15.	AKSHATA PATIL	2HN17CS002	Tech-Fortune, Bangalore
16.	PRIYANKA A. MALABASARI	2HN17CS018	Tech-Fortune, Bangalore
17.	AMBIKA ASHOK UPPALADINNI	2HN17CS003	Tech-Fortune, Bangalore
18.	VIDYA V. SANADI	2HN17CS035	Tech-Fortune, Bangalore
19.	SIDDHALINGAYA MATHAPATI	2HN17CS029	Tech-Fortune, Bangalore
20.	SHOIB BASHEER NAIKWADI	2HN17CS027	Tech-Fortune, Bangalore
21.	YASH ANANT HUKKERI	2HN17CS041	Tech-Fortune, Bangalore
22.	SHRINATH PADALALE	2HN17CS028	Tech-Fortune, Bangalore
23.	SAINATH KAMBLE	2HN16CS031	Tech-Fortune, Bangalore
24.	SPOORTI SHAHAPUR	2HN17CS030	Tech-Fortune, Bangalore
25.	SURESH ADASULE	2HN17CS032	Tech-Fortune, Bangalore
26.	VAISHNAVI KALE	2HN17CS033	Microsoft Knowledge solution
27.	CHAITRA SHENDE	2HN17CS009	Microsoft Knowledge solution
28.	SAKSHI S. SARAWADI	2HN17CS022	Microsoft Knowledge solution
29.	KEERTI ICHALAKARANJI	2HN17CS013	Microsoft Knowledge solution
30.	REVATI R. PATIL	2HN17CS020	Microsoft Knowledge solution
31.	SAVITA A. GIRIGOWDAR	2HN17CS024	Microsoft Knowledge solution
32.	ABHISHEK PATIL	2HN17CS001	Microsoft Knowledge solution
33.	ARUN HUNDARAGI	2HN17CS005	Microsoft Knowledge solution
34.	CHAITRA PARUNAVAR	2HN17CS008	Microsoft Knowledge solution
35.	BAGAWAN TOUFIK IMAM	2HN17CS007	IC solutions Bangalore
36.	CHANDRASHEKHAR JANTI	2HN17CS010	Innovative creation solutions

Prof. M. A. Chitale
Internship Coordinator

Prof. S. V. Manjaragi
H.O.D.

Computer Science & Enng.
HIT, Nidasoshi.

Nidasoshi, Taq: Hukkeri, Dist: Belgaum, Karnataka - 591 236

Phone: +91-8333-278887, Fax: 278886, Web: www.hitnidasoshi.org Mail: principal@hitnidasoshi.org

Ref – TFT/INT/2020/0253

2nd Sep 2020

TO WHOM IT MAY CONCERN

This is to certify that **Ms. Shruti babasaheb killedar** student of HIT college nidasoshi, has successfully completed her Internship in Our Organization "Tech Fortune Technologies" from 15th July 2020 to 1st September 2020.

She was working on the "**Machine Learning Using Python Projects**". The time she joined, she was very fast to pick up the technical details of the project. She is really hardworking and capable.

We wish her all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S
CEO- Tech Fortune
Place: Bangalore

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Ref - TFT/INT/2020/0253

2nd Sep 2020

TO WHOM IT MAY CONCERN

This is to certify that **Mr Yash Anant Hukkeri** A student of a Hirasugar Institute Of Technology Nidasoshi has successfully completed his Internship in Our Organization "Tech Fortune Technologies" from 15th July 2020 to 1st September 2020.

He was working on the "Machine Learning Using Python Projects". The time he joined, he was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S
CEO- Tech Fortune
Place: Bangalore



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Ref – TFT/INT/2020/0253

2nd Sep 2020

TO WHOM IT MAY CONCERN

This is to certify that **Ms. Vinaya Vivek Hanji** student OF Hirasugar Institute of technology, nidasoshi, has successfully completed her Internship in Our Organization "Tech Fortune Technologies" from 15th July 2020 to 15th September 2020.

She was working on the "**Machine Learning Using Python Projects**". The time she joined, she was very fast to pick up the technical details of the project. She is really hardworking and capable.

We wish her all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S
CEO- Tech Fortune
Place: Bangalore



Ref – TFT/INT/2020/0253

2nd Sep 2020

TO WHOM IT MAY CONCERN

This is to certify that **Ms. VIDYA SANADI** student Hirasugar institute of technology, Nidasoshi has successfully completed her Internship in Our Organization "Tech Fortune Technologies" from 15th July 2020 to 1st September 2020.

She was working on the "**Machine Learning Using Python Projects**". The time she joined, she was very fast to pick up the technical details of the project. She is really hardworking and capable.

We wish her all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S
CEO- Tech Fortune
Place: Bangalore

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Ref KSI-ML-0607-1708-437

Date of Issue
05/10/2020

Certificate of Internship

This is to certify that

VAISHNAVI KALE

Of **HIRASUGAR INSTITUTE OF TECHNOLOGY**

Has successfully undergone a summer training & internship of 6 weeks on
MACHINE LEARNING WITH AI USING PYTHON

Along with project on

RESTAURANT REVIEWS

From **06.07.2020** to **17.08.2020** with Knowledge Solutions India

Authorized Signatory
Kumar lala

Ref – TFT/INT/2020/0253

2nd Sep 2020

TO WHOM IT MAY CONCERN

This is to certify that **Mr. Suresh B Adasule** a student of Hirasugar Institute Of Technology, Nidasoshi Has successfully completed his Internship in Our Organization "Tech Fortune Technologies" from 15th July 2020 to 2nd Sep 2020.

He was working on the "**Machine Learning With Python Projects**". The time he joined, he was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S
CEO- Tech Fortune
Place: Bangalore

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Ref – TFT/INT/2020/0253

2nd Sep 2020

TO WHOM IT MAY CONCERN

This is to certify that **Ms.Spoorti santoshkumar shahapur** student of Hirasugar institute of technology, has successfully completed her Internship in Our Organization "Tech Fortune Technologies" from 15th July 2020 to 1st September 2020.

She was working on the "**Machine Learning Using Python Projects**". The time she joined, she was very fast to pick up the technical details of the project. She is really hardworking and capable.

We wish her all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



A handwritten signature in black ink, appearing to be "Mallikarjun V S".

Mallikarjun V S
CEO- Tech Fortune
Place: Bangalore



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2nd Sep 2020

TO WHOM IT MAY CONCERN

This is to certify that **Mr. Siddhalingayya Mathapati** A student of a Hirasugar institute of technology nidasosh has successfully completed his Internship in Our Organization "Tech Fortune Technologies" from 15th July 2020 to 1st September 2020.

He was working on the "**Machine Learning Using Python Projects**". The time he joined, he was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S
CEO- Tech Fortune
Place: Bangalore

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TO WHOM IT MAY CONCERN

This is to certify that **Mr. Shrinath Kuber Padalale** a student of Hirasugar Institute Of Technology, Nidasoshi Has successfully completed his Internship in Our Organization "Tech Fortune Technologies" from 15th July 2020 to 2nd Sep 2020.

He was working on the "**Machine Learning With Python Projects**". The time he joined, he was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory

A handwritten signature in blue ink.

Mallikarjun V S
CEO- Tech Fortune
Place: Bangalore

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Ref – TFT/INT/2020/0253

2nd Sep 2020

TO WHOM IT MAY CONCERN

This is to certify that **Mr Shoib Naikwadi** A student of a Hirasugar institute of technology Nidasoshi has successfully completed his Internship in Our Organization "Tech Fortune Technologies" from 15th July 2020 to 1st September 2020.

He was working on the "**Machine Learning Using Python Projects**". The time he joined, he was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S
CEO- Tech Fortune
Place: Bangalore

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Ref – TFT/INT/2020/0253

2nd Sep 2020

TO WHOM IT MAY CONCERN

This is to certify that **Ms. SANYUKTA SURESH PATIL** a student of HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI has successfully completed her Internship in Our Organization "Tech Fortune Technologies" from 15th July 2020 to 1st September 2020.

She was working on the "**Machine Learning Using Python Projects**". The time she joined, she was very fast to pick up the technical details of the project. She is really hardworking and capable.

We wish her all the very best for a successful career ahead. For Tech

Fortune Technologies



Authorised Signatory

Mallikarjun V S

CEO- Tech Fortune
Place: Bangalore

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Ref KSI-ML-0607-1708-442

Date of Issue
05/10/2020

Certificate of Internship

This is to certify that

SAKSHI SARAWADI

of **HIRASUGAR INSTITUTE OF TECHNOLOGY**

Has successfully undergone a summer training & internship of 6 weeks on

MACHINE LEARNING WITH AI USING PYTHON

Along with project on

ADMISSION PREDICTION

From **06.07.2020** to **17.08.2020** with Knowledge Solutions India

Authorized Signatory
Kumar Iala

Ref – TFT/INT/2020/0253

2nd Sep 2020

TO WHOM IT MAY CONCERN

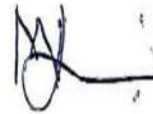
This is to certify that **Ms. Priyanka Malabasari** student of Hirasugar institute of technology, Nidasoshi, has successfully completed her Internship in Our Organization "Tech Fortune Technologies" from 15th July 2020 to 1st September 2020.

She was working on the "**Machine Learning Using Python Projects**". The time she joined, she was very fast to pick up the technical details of the project. She is really hardworking and capable.

We wish her all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S
CEO- Tech Fortune
Place: Bangalore



TECH FORTUNE TECHNOLOGIES

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CERTIFICATE OF COMPLETION



Ref – TFT/INT/2020/0282

3rd Sept 2020

TO WHOM IT MAY CONCERN

This is to certify that **Ms Namrata Ramesh Karme**, student of Hirasugar Institute of Technology, Nidasoshi has successfully completed her Internship in Our Organization "Tech Fortune Technologies" from 15th July 2020 to 2nd September 2020.

She was working on the "Python With Machine Learning". The time she joined, she was very fast to pick up the technical details of the project. She is really hardworking and capable.

We wish her all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S
CEO- Tech Fortune
Place: Bangalore



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Ref – TFT/INT/2020/0253

2nd Sep 2020

TO WHOM IT MAY CONCERN

This is to certify that **Ms. Laxmi Aralimatti** student OF Hirasugar institute of Technology, Nidasoshi, has successfully completed her Internship in Our Organization "Tech Fortune Technologies" from 15th July 2020 to 1st September 2020.

She was working on the "**Machine Learning Using Python Projects**". The time she joined, she was very fast to pick up the technical details of the project. She is really hardworking and capable.

We wish her all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S
CEO- Tech Fortune
Place: Bangalore



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Completion Certificate



Date - 09/07/2020

Certificate Of Internship

This is to Certify that **Mr. Chandrashekhar Janti(2HN17CS010)** Student of **"Visvesvaraya Technological University"** has completed one month Internship on **"Java with OOPS"** in our Organization from **1st June 2020 to 30st June 2020** in association with takeiteasy_engineers

Mr. Chandrashekhar Janti is found obedient,hardworking and Sincere,
We wish all the best in your future Endeavors


Anurag Patwary
(Product Manager)


Garish G
(Human Resources Manager)

+91 99571 71355

www.icsoln.com

721 JP Nagar 7th Phase,
Bengaluru 560078

Web Development • Digital Marketing • Branding
Graphic Designing • Video Editing/Animation



Ref KSI-ML-0607-1708-439

Date of Issue
05/10/2020

Certificate of Internship

This is to certify that

CHAITRA SHENDE

of **HIRASUGAR INSTITUTE OF TECHNOLOGY**

Has successfully undergone a summer training & internship of 6 weeks on

MACHINE LEARNING WITH AI USING PYTHON

Along with project on

ADMISSION PREDICTION

From **06.07.2020** to **17.08.2020** with Knowledge Solutions India

Authorized Signatory
Kumar lala



Ref KSI-ML-0607-1708-475

Date of Issue
05/10/2020

Certificate of Internship

This is to certify that

CHAITRA PARUNAVAR

of HIRASUGAR INSTITUTE OF TECHNOLOGY

Has successfully undergone a summer training & internship of 6 weeks on
MACHINE LEARNING WITH AI USING PYTHON

Along with project on
RESTAURANT REVIEWS

From **06.07.2020** to **17.08.2020** with Knowledge Solutions India


Authorized Signatory
Kumar Isha



innovation.creation

Date - 31/10/2020

Certificate Of Internship

This is to Certify that Mr. TOUFIK BAGAWAN (2HN17CS007) Student of "Visvesvaraya Technological University" has completed one month Industrial Training on "Web Development using HTML,CSS,JS" in our Organization from 1st October 2020 to 31st October 2020 in association with takeiteasy_engineers.

HE is found obedient, hardworking and Sincere,
We wish all the best in his future Endeavors.


Anurag Patwary
(Product Manager)


Ganesh G
(Human Resources Manager)



+91 99571 71355



www.icsoln.com



721 JP Nagar 7th Phase,
Bengaluru 560078

Web Development • Digital Marketing • Branding
Graphic Designing • Video Editing/Animation

Ref – TFT/INT/2020/0253

2nd Sep 2020

TO WHOM IT MAY CONCERN

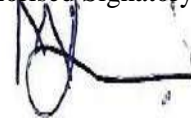
This is to certify that **Ms. Ambika Ashok Uppaladinni** a student of Hirasugar Institute of technology, nidasoshi, has successfully completed her Internship in Our Organization "Tech Fortune Technologies" from 15th July 2020 to 1st September 2020.

She was working on the "**Machine Learning Using Python Projects**". The time she joined, she was very fast to pick up the technical details of the project. She is really hardworking and capable.

We wish her all the very best for a successful career ahead.

For Tech Fortune Technologies




Authorised Signatory



Mallikarjun V S
CEO-TechFortune
Place: Bangalore



CERTIFICATE OF COMPLETION

  Knowledge Solutions India Skill development Certification Placement prep Ref KSI-ML-0607-1708-513	<h2>Certificate of Internship</h2> <p>This is to certify that</p> <p><u>AKSHATA PATIL</u></p> <p>of HIRASUGAR INSTITUTE OF TECHNOLOGY</p> <p>Has successfully undergone a summer training & internship of 6 weeks on</p> <p>MACHINE LEARNING WITH AI USING PYTHON</p> <p>Along with project on</p> <p>ADMISSION PREDICTION</p> <p>From 06.07.2020 to 17.08.2020 with Knowledge Solutions India</p> <p>Date of Issue 05/10/2020</p> <p> Authorized Signatory Kumar lala</p>
---	---



Ref KSI-ML-0607-1708-462

Certificate of Internship

This is to certify that

ABHISHEK PATIL

of **HIRASUGAR INSTITUTE OF TECHNOLOGY NIDSOSI**

Has successfully undergone a summer training & internship of 6 weeks on

MACHINE LEARNING WITH AI USING PYTHON

Along with project on

RESTAURANT REVIEWS

From **06.07.2020** to **17.08.2020** with Knowledge Solutions India

Date of Issue
05/10/2020

Authorized Signatory
Kumar lala

Ref – TFT/INT/2020/0253

2nd Sep 2020

TO WHOM IT MAY CONCERN

This is to certify that **Mr. Sourabh Deepak Nagare** student of a Hirasugar institute of technology Nidasoshi. has successfully completed his Internship in Our Organization "Tech Fortune Technologies" from 15th July 2020 to 1st September 2020.

He was working on the "**Machine Learning Using Python Projects**". The time he joined, he was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S
CEO- Tech Fortune
Place: Bangalore



TECH FORTUNE TECHNOLOGIES

#18 22ND MAIN SUBANNA GARDEN, VIJAYANAGAR, BANGALORE - 560040
Ph: +91 9591 68 7143/8317 35 5535 - www.tech-fortune.com | email: info@tech-fortune.com



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Accredited at 'A' Grade by NAAC

Programmes Accredited by NBA: CSE, ECE, EEE & ME

Institute

ECE Department

Internship

2020-21

S.J.P.N Trust's Hirasugar Institute of Technology

List of Students Undergone/completed Internship

Branch : Electronics and Communication

Year:2020-21

Sl.No	Name of the Student	USN	Name of the Undergone Internship company
1	ABHISHEK S. MALGONDKAR	2HN17EC001	Cleverbert Solutions, Bangalore
2	ADARSH MADIHALLI	2HN17EC002	Cleverbert Solutions, Bangalore
3	AISHWARYA N PATIL	2HN17EC003	Cleverbert Solutions, Bangalore
4	AKSHATA C.SHIVANNAVAR	2HN17EC004	Cleverbert Solutions, Bangalore
5	AMOGH DADDI	2HN17EC005	Cleverbert Solutions, Bangalore
6	ARPITA BHAJANTRI	2HN17EC006	Cleverbert Solutions, Bangalore
7	ASHWINI R KORI	2HN17EC007	Cleverbert Solutions, Bangalore
8	AVINASH SUNTHE	2HN17EC008	Cleverbert Solutions, Bangalore
9	DANAMMA I NERLI	2HN17EC009	Cleverbert Solutions, Bangalore
10	KIRAN KELAGINAMANI	2HN17EC010	Cleverbert Solutions, Bangalore
11	LAXMI PATIL	2HN17EC011	Cleverbert Solutions, Bangalore
12	MALLIKARJUN S. PARANDI	2HN17EC012	Cleverbert Solutions, Bangalore
13	MEENAKSHI B.PATIL	2HN17EC013	Cleverbert Solutions, Bangalore
14	NIKHITA S MANE	2HN17EC014	Cleverbert Solutions, Bangalore
15	NISARGA BAGALKOT	2HN17EC015	Cleverbert Solutions, Bangalore
16	NITYASHREE P.PATIL	2HN17EC016	Cleverbert Solutions, Bangalore
17	PAVITRA S RANJANAGI	2HN17EC017	Cleverbert Solutions, Bangalore
18	PRAJAKTA MARADI	2HN17EC019	Cleverbert Solutions, Bangalore
19	PRAVEENKUMAR ANKAD	2HN17EC020	Cleverbert Solutions, Bangalore
20	PREETI MASODAGE	2HN17EC021	Cleverbert Solutions, Bangalore
21	PRIYANKA TELAGADE	2HN17EC022	Cleverbert Solutions, Bangalore
22	SANGEETA RAGHA	2HN17EC023	Cleverbert Solutions, Bangalore
23	SAPNA T. YEGAPPAGOL	2HN17EC024	Cleverbert Solutions, Bangalore
24	SHIVANI U KANERKAR	2HN17EC025	Cleverbert Solutions, Bangalore
25	SHRADDHA S MURADUNDE	2HN17EC026	Cleverbert Solutions, Bangalore
26	SHRUTI MURADUNDE	2HN17EC027	Cleverbert Solutions, Bangalore
27	SNEHA BANNURI	2HN17EC028	Cleverbert Solutions, Bangalore
28	SNEHAL GURAV	2HN17EC029	Cleverbert Solutions, Bangalore
29	SUNITA R HAMIDWADE	2HN17EC030	Cleverbert Solutions, Bangalore
30	SUPRIYA D.KULKARNI	2HN17EC031	Cleverbert Solutions, Bangalore
31	SUREKHA HUBBALLI	2HN17EC032	Cleverbert Solutions, Bangalore
32	VAISHALI N.MUCHANDI	2HN17EC033	Cleverbert Solutions, Bangalore
33	VEENA PATIL	2HN17EC035	Cleverbert Solutions, Bangalore
34	VINAYAK TUPPAROTTI	2HN17EC037	Cleverbert Solutions, Bangalore

Nidasoshi, Taq: Hukkeri, Dist: Belgaum, Karnataka - 591 236

Phone:+91-8333-278887, Fax:278886, Web:www.hitnidasoshi.org Mail:principal@hitnidasoshi.org



INTERNSHIP CERTIFICATE

This is to certify that

Abhishek S Malgondkar a student of Hirasugar Institute Of Technology, Nidasoshi,
has successfully completed four weeks of Internship on **Embedded Systems**, from
Aug 2020 to Sep 2020, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Adarsh Prakash Madihalli a student of Hirasugar Institute Of Technology, Nidasoshi,
has successfully completed four weeks of Internship on **Embedded Systems**, from
Aug 2020 to Sep 2020, at **Cleverbit Solutions, Bangalore**.

September 4, 2020

Date

A handwritten signature in blue ink, appearing to read 'Vijay Mahantesh', written over a horizontal line.

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Aishwarya Patil a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Akshata C Shivannavar a student of Hirasugar Institute Of Technology, Nidasoshi,
has successfully completed four weeks of Internship on **Embedded Systems**, from
Aug 2020 to Sep 2020, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Amogh Daddi a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Arpita Bhajantri a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Ashwini Kori a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Avinash Sunthe a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Danamma Nerli a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Kiran Kelaginamani a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Laxmi Patil a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Mallikarjun S Parandi a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Meenakshi Patil a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Nikhita Shivaling Mane a student of Hirasugar Institute Of Technology, Nidasoshi,
has successfully completed four weeks of Internship on **Embedded Systems**, from
Aug 2020 to Sep 2020, at **Cleverbit Solutions, Bangalore**.

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Nisarga S Bagalkot a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Nityashree P Patil a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Pavitra Sangappa Ranjanagi a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore**.

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Prajakta Maradi a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Praveenkumar Ankad a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Preeti Masodage a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Priyanka Talagade a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Sangeeta Raga a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore**.

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Sapna T Yegappagol a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Shivani Umesh Kanerkar a student of Hirasugar Institute Of Technology, Nidasoshi,
has successfully completed four weeks of Internship on **Embedded Systems**, from
Aug 2020 to Sep 2020, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Shraddha S Muradunde, a student of Hirasugar Institute Of Technology, Nidasoshi,
has successfully completed four weeks of Internship on **Embedded Systems**, from
Aug 2020 to Sep 2020, at **Cleverbit Solutions, Bangalore**.

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Shruti Muradunde a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Sneha Bannuri a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Snehal Gurav a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Sunita R Hamidwade a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Supriya D Kulkarni a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Surekha Hubballi a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Vaishali N Muchandi a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Veena Patil a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



INTERNSHIP CERTIFICATE

This is to certify that

Vinayak Tupparotti a student of Hirasugar Institute Of Technology, Nidasoshi, has successfully completed four weeks of Internship on **Embedded Systems**, from **Aug 2020 to Sep 2020**, at **Cleverbit Solutions, Bangalore.**

September 4, 2020

Date

Vijay Mahantesh
Director



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Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA: CSE, ECE, EEE & ME

EEE Dept.

Internship


2020-21

ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 11/08/2019

INTERNSHIP

Sl. No	Name	USN	Internship Company
1	Praveen V Janamatti	2HN15EE035	Patco Transformer Industry, Nipani
2	Gururaj P.Badiger	2HN16EE012	Patco Transformer Industry, Nipani
3	Malikrehan Darur	2HN16EE018	Patco Transformer Industry, Nipani
4	Sachin Shirigiri	2HN16EE032	Shiruguppi Sugar Works Ltd
5	Shinde Sayali Sidram	2HN16EE037	PCB Designing at Tevatron
6	Abhijeet Devarushi	2HN17EE001	Patco Transformer Industry, Nipani
7	Akshata Patil	2HN17EE002	NTPC(Ministry of power, Govt of Industry)
8	Anjuma Mulla	2HN17EE003	NTPC(Ministry of power, Govt of Industry)
9	Chetan Shivamoggimath	2HN17EE004	Patco Transformer Industry, Nipani
10	Kalmesh Rendale	2HN17EE005	Patco Transformer Industry, Nipani
11	Kaveri A.Kamat	2HN17EE006	NTPC(Ministry of power, Govt of Industry)
12	Mahesh B.Pattar	2HN17EE007	Patco Transformer Industry, Nipani
13	Manisha Jugulkar	2HN17EE008	Patco Transformer Industry, Nipani
14	Megha Prakash Ambi	2HN17EE009	NTPC(Ministry of power, Govt of Industry)
15	Nadira Choudhari	2HN17EE010	Patco Transformer Industry, Nipani
16	Rajeshwari Baradi	2HN17EE011	NTPC(Ministry of power, Govt of Industry)
17	Rekha Arjun Paraganve	2HN17EE012	NTPC(Ministry of power, Govt of Industry)
18	Sachin Kallole	2HN17EE013	Patco Transformer Industry, Nipani
19	Suraj Sunil Patil	2HN17EE015	Patco Transformer Industry, Nipani
20	Sushma Donawad	2HN17EE016	Patco Transformer Industry, Nipani
21	Annapurna Guledavar	2HN18EE400	Patco Transformer Industry, Nipani
22	Janardhan Shingade	2HN18EE401	Patco Transformer Industry, Nipani
23	Pooja Ravasaheb Keste	2HN18EE402	Patco Transformer Industry, Nipani
24	Praveen Patil	2HN18EE403	Patco Transformer Industry, Nipani
25	Ranjana Kadam	2HN18EE404	NTPC(Ministry of power, Govt of Industry)
26	Shridhar Patil	2HN18EE406	Patco Transformer Industry, Nipani
27	Sumant Jatti	2HN18EE407	Decibels lab


HIC Coordinator


Dr. B. V. Madiggond
Prof. & Head BE, ME, Ph.D.
Dept. of Electrical & Electronics Engg.
HIT NIDASOSHI-591 236

PATCO TRANSFORMER INDUSTRIES

MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS

◆ OFFICE :

Azad Galli, Swami Mala,
NIPANI - 591 237
Dist. - Belgaum
(Karnataka State)
E-mail : patcotrans@yahoo.in

◆ FACTORY :

Plot No. 48-51, Industrial Area,
Jatrat Road, Shripewadi,
NIPANI - 591 237
Dist. - Belgaum (Karnataka State)
Phone No. 08338 - 222412
Cell - 9448339825

CERTIFICATE

This is to certify that Mr. **Praveen V Janamatti**, 7th semester BE(EEE) student of Hirasugar Institute of Technology, Nidasoshi, dist. Belgaum has completed training in our industry from 10/03/2021 to 10/04/2021. During training period he has taken experience regarding repairs & manufacturing of distribution & power transformers, he found sincere and hardworking.

We wish him all the success in his future.

Place: Nipani

Date: 12-04-2021

Patco Transformer Industries


Proprietor

PATCO TRANSFORMER INDUSTRIES

MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS

◆ OFFICE :

Azad Galli, Swami Mala,
NIPANI - 591 237
Dist. - Belgaum
(Karnataka State)
E-mail : patcotrans@yahoo.in

◆ FACTORY :

Plot No. 48-51, Industrial Area,
Jatrat Road, Shripewadi,
NIPANI - 591 237
Dist. - Belgaum (Karnataka State)
Phone No. 08338 - 222412
Cell - 9448339825

CERTIFICATE

This is to certify that Mr. Gururaj P. Badiger, 7th semester BE(EEE) student of Hirasugar Institute of Technology, Nidasoshi, dist. Belgaum has completed training in our industry from 10/03/2021 to 10/04/2021. During training period he has taken experience regarding repairs & manufacturing of distribution & power transformers, he found sincere and hardworking.

We wish him all the success in his future.

Place: Nipani

Date: 12-04-2021

Patco Transformer Industries


Proprietor

PATCO TRANSFORMER INDUSTRIES

MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS

◆ OFFICE :

Azad Galli, Swami Mala,
NIPANI - 591 237
Dist. - Belgaum
(Karnataka State)
E-mail : patcotrans@yahoo.in

◆ FACTORY :

Plot No. 48-51, Industrial Area,
Jatrat Road, Shripewadi,
NIPANI - 591 237
Dist. - Belgaum (Karnataka State)
Phone No. 08338 - 222412
Cell - 9448339825

CERTIFICATE

This is to certify that Mr. **Malikrehan Darur**, 7th semester BE(EEE) student of Hirasugar Institute of Technology, Nidasoshi, dist. Belgaum has completed training in our industry from 10/03/2021 to 10/04/2021. During training period he has taken experience regarding repairs & manufacturing of distribution & power transformers, he found sincere and hardworking.

We wish him all the success in his future.

Place: Nipani

Date: 12-04-2021

Patco Transformer Industries


Proprietor



SHIRAGUPPI SUGAR WORKS LIMITED

Doddanavar Corp House,

738 1 1. Khanapur Road, Near 3rd Railway Gate. gelagavi - 590 008.

INDIA

Ph : 0831 -2533955, Fax : 0831-2533967. Email : ho@sswlsugars.com

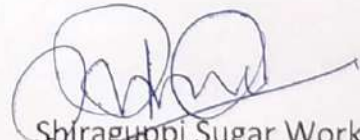
Date: 31-08-2020

CERTIFICATE

This is to certify that Mr. Sachin Shirigiri, 6th semester BE(EEE) student of Hirasugar Institute of Technology, Nidasoshi. dist Belgaum has completed training in our industry from 01/08/2020 to 30/08/2020. During training period he has taken experience regarding manufacturing & distribution of sugar & power. he found sincere and hardworking.

We wish him all the success in his future.

Place: Kagwad


Shiraguppi Sugar Works Ltd,
Kagwad

Regd. Office • PO. ManJari - 591 213. Tal : Chikkodi. Dist ; Belagavi. Karnataka
Factory : PO. Kagwad 591 223, Tal.: Athani. Dist.: Belagavl. E-mail : info@sswlsugars.com

HEXNBIT

"SKILLING FOR FUTURE"

INDUSTRY PARTNER – TEVATRON TECHNOLOGIES PVT LTD



Reference Unique ID: HNB1809200681

Date: 18/09/2020

TO WHOM IT MAY CONCERN

This is to certify that **Ms. Shinde Sayali Sidram** from **Hirasugar Institute of Technology, Nidsoshi** has undergone and completed her Summer Training & Internship Program in "Online Internship in PCB Design" from July 2020 to August 2020.

During this period, exposure has been given on various technical activities around "PCB Designing" technology at Tevatron Technologies Pvt. Ltd.

We found her extremely inquisitive & hardworking. She was very much interested to learn the function of our core division & also willing to put her extra effort to get into the depth of the subject in order to understand it better. Her overall performance has been rated very Good & we would like to wish her for future endeavors.

Regards,

RAJEEV
TIWARI
Digitally signed
by RAJEEV
TIWARI
Date: 2020.09.21
09:57:51 +05'30'

For. Hexnbit



For. Tevatron Technologies Pvt Ltd



PATCO TRANSFORMER INDUSTRIES

MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS

• OFFICE :

Azad Gali, Swami Mata

NIPANI - 591 237

Dist - Belgaum

(Karnataka State)

E-mail: patcotrans@yahoo.in

• FACTORY :

Plot No. 48-51, Industrial Area

Uthral Road, Shripurwad

NIPANI - 591 237

Dist - Belgaum (Karnataka State)

Phone No. 08338 - 222412

Cell - 9448359825

CERTIFICATE

This is to certify that Mr. Abhijeet B. Devarushi, 7th semester
BE(EEE) student of Hirasugar Institute of Technology, Nidasoshi, dist.
Belgaum has completed training in our industry from 10/03/2021 to
10/04/2021. During training period he has taken experience regarding
repairs & manufacturing of distribution & power transformers, he found
sincere and hardworking.

We wish him all the success in his future.

Place: Nipani

Date: 12-04-2021

Patco Transformer Industries



Proprietor



राष्ट्रीय विद्युत प्रशिक्षण प्रतिष्ठान

NPTI/PSTI/2020-21/004



National Power Training Institute

विद्युत प्रणाली प्रशिक्षण संस्थान

Power Systems Training Institute

(Ministry of Power, Govt. of India)

(An ISO 9001: 2015 & ISO 14001: 2015 Organization)

Post Box No. 8201, Banashankari Stage II

Bangalore- 560070

CERTIFICATE

This is to certify that **Mr./ Ms. Akshata B Patil** has participated in the **4-Week Online Summer Internship Programme** conducted from **03rd to 28th August, 2020.**

B. Venkata Subrahmanyam

**Deputy Director
NPTI (PSTI), Bangalore**

Chagari

**Director
NPTI (PSTI), Bangalore**

Dated: 28 August, 2020



र ष य ळ द त ष षी ळ ण प स ष ळ ठ ।
National Power Training Institute
व द त प य ळ ळी प श ळ ण ळ ळ न थ ।
Power Systems Training Institute
(Ministry of Power, Govt. of India)
(An ISO 9001: 2015 & ISO 14001: 2015 Organization)
Post Box No. 8201, Banashankari Stage II
Bangalore- 560070

NPTI/PSTI/2020-21/012



CERTIFICATE

This is to certify that **Mr./ Ms. Anjuma Mulla** has participated in the **4-Week Online Summer Internship Programme** conducted from **03rd to 28th August, 2020**.

B. Venkate Subrah

Deputy Director
NPTI (PSTI), Bangalore

U. Sagar

Director
NPTI (PSTI), Bangalore

Dated: 28 August, 2020

PATCO TRANSFORMER INDUSTRIES

**MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS**

◆ **OFFICE :**

Azad Galli, Swami Mala,
NIPANI - 591 237
Dist. - Belgaum
(Karnataka State)
E-mail : patco-trans@yahoo.in

◆ **FACTORY :**

Plot No. 48-51, Industrial Area,
Jatrat Road, Shripewadi,
NIPANI - 591 237
Dist. - Belgaum (Karnataka State)
Phone No. 08338 - 222412
Cell - 9448339625

CERTIFICATE

This is to certify that Mr. Chetan Shivamoggimath , 7th semester BE(EEE) student of Hirasugar Institute of Technology, Nidasoshi, dist. Belgaum has completed training in our industry from 10/03/2021 to 09/04/2021. During training period he has taken experience regarding repairs & manufacturing of distribution & power transformers. He found sincere and hardworking.

We wish him all the success in his future.

Place: Nipani

Date: 12-04-2021

Patco Transformer Industries


Proprietor

INTERNSHIP CERTIFICATE

PATCO TRANSFORMER INDUSTRIES

MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS

◆ **OFFICE :**

Azad Galli, Swami Mala,
NIPANI - 591 237
Dist. - Belgaum
(Karnataka State)
E-mail : patcotrans@yahoo.in

◆ **FACTORY :**

Plot No. 48-51, Industrial Area,
Jatrat Road, Shripewadi,
NIPANI - 591 237
Dist. - Belgaum (Karnataka State)
Phone No. 08338 - 222412
Cell - 9448339825

CERTIFICATE

This is to certify that Mr. **Kalmesh Rendale**, 7th semester
BE(EEE) student of Hirasugar Institute of Technology, Nidasoshi, dist.
Belgavi has completed training in our industry from 10/03/2021 to
10/04/2021. During training period he has taken experience regarding
repairs & manufacturing of distribution & power transformers, He found
sincere and hardworking.

We wish him all the success in his future.

Place: Nipani

Date: 11-04-2021

Patco Transformer Industries


Proprietor



राष्ट्रीय विद्युत प्रशिक्षण प्रतिष्ठान
National Power Training Institute
विद्युत प्रणाली प्रशिक्षण संस्थान
Power Systems Training Institute

NPTI/PSTI/2020-21/027



(Ministry of Power, Govt. of India)
(An ISO 9001: 2015 & ISO 14001: 2015 Organization)
Post Box No. 8201, Banashankari Stage II
Bangalore- 560070

CERTIFICATE

This is to certify that **Mr./ Ms. Kaveri Kamat** has participated in the **4-Week Online Summer Internship Programme** conducted from **03rd to 28th August, 2020.**

B. Venkate Subrah

**Deputy Director
NPTI (PSTI), Bangalore**

Chagor

**Director
NPTI (PSTI), Bangalore**

Dated: 28 August, 2020

PATCO TRANSFORMER INDUSTRIES

MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS

◆ OFFICE :

Azad Galli, Swami Mala,
NIPANI - 591 237
Dist. - Belgaum
(Karnataka State)
E-mail : patcotrans@yahoo.in

◆ FACTORY :

Plot No. 48-51, Industrial Area,
Jatrat Road, Shripewadi,
NIPANI - 591 237
Dist. - Belgaum (Karnataka State)
Phone No. 08338 - 222412
Cell - 9448339825

CERTIFICATE

This is to certify that Mr. **Mahesh Pattar**, 7th semester BE(EEE) student of Hirasugar Institute of Technology, Nidasoshi, dist. Belgaum has completed training in our industry from 10/03/2021 to 10/04/2021. During training period he has taken experience regarding repairs & manufacturing of distribution & power transformers, he found sincere and hardworking.

We wish him all the success in his future.

Place: Nipani

Date: 12-04-2021

Patco Transformer Industries


Proprietor

PATCO TRANSFORMER INDUSTRIES

MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS

◆ OFFICE :

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Dist. - Belgaum
(Karnataka State)
E-mail : patcotrans@yahoo.in

◆ FACTORY :

Plot No. 48-51, Industrial Area,
Jatrat Road, Shripewadi,
NIPANI - 591 237
Dist. - Belgaum (Karnataka State)
Phone No. 08338 - 222412
Cell - 9448339825

CERTIFICATE

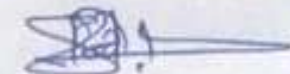
This is to certify that Miss Manisha S.Jugulkar, 7th semester
BE(EEE) student of Hirasugar Institute of Technology, Nidasoshi, dist.
Belgaum has completed training in our industry from 10/03/2021 to
10/04/2021. During training period she has taken experience regarding
repairs & manufacturing of distribution & power transformers, she found
sincere and hardworking.

We wish her all the success in his future.

Place: Nipani

Date: 12-04-2021

Patco Transformer Industries


Proprietor



राष्ट्रीय विद्युत प्रशिक्षण प्रतिष्ठान
National Power Training Institute
विद्युत प्रणाली प्रशिक्षण संस्थान
Power Systems Training Institute

(Ministry of Power, Govt. of India)
(An ISO 9001: 2015 & ISO 14001: 2015 Organization)
Post Box No. 8201, Banashankari Stage II
Bangalore- 560070

NPTI/PSTI/2020-21/034



CERTIFICATE

This is to certify that **Mr./ Ms. Megha Prakash Ambi** has participated in the **4-Week Online Summer Internship Programme** conducted from **03rd to 28th August, 2020**.

B. Venkatesh Kumar

**Deputy Director
NPTI (PSTI), Bangalore**

Chagari

**Director
NPTI (PSTI), Bangalore**

Dated: 28 August, 2020

PATCO TRANSFORMER INDUSTRIES

MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS

◆ OFFICE :

Azad Galli, Swami Maia,
NIPANI - 591 237
Dist. - Belgaum
(Karnataka State)
E-mail : patcotrans@yahoo.in

◆ FACTORY :

Plot No. 48-51, Industrial Area,
Jatrat Road, Shripewadi,
NIPANI - 591 237
Dist. - Belgaum (Karnataka State)
Phone No 08338 - 222412
Cell - 9448339825

CERTIFICATE

This is to certify that Miss Nadira Choudhari, 7th semester BE(EEE) student of Hirasugar Institute of Technology, Nidasoshi, dist. Belgaum has completed training in our industry from 10/03/2021 to 10/04/2021. During training period she has taken experience regarding repairs & manufacturing of distribution & power transformers, she found sincere and hardworking.

We wish her all the success in his future.

Place: Nipani

Date: 12-04-2021

Patco Transformer Industries


Proprietor



राष्ट्रीय विद्युत प्रशिक्षण प्रतिष्ठान
National Power Training Institute
विद्युत प्रणाली प्रशिक्षण संस्थान
Power Systems Training Institute

(Ministry of Power, Govt. of India)
(An ISO 9001: 2015 & ISO 14001: 2015 Organization)
Post Box No. 8201, Banashankari Stage II
Bangalore- 560070

NPTI/PSTI/2020-21/037



CERTIFICATE

This is to certify that **Mr./ Ms. Rajeshwari Baradi** has participated in the **4-Week Online Summer Internship Programme** conducted from **03rd to 28th August, 2020.**

Deputy Director
NPTI (PSTI), Bangalore

Director
NPTI (PSTI), Bangalore

Dated: 28 August, 2020



राष्ट्रीय विद्युत प्रशिक्षण प्रतिष्ठान
National Power Training Institute
विद्युत प्रणाली प्रशिक्षण संस्थान
Power Systems Training Institute

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(An ISO 9001: 2015 & ISO 14001: 2015 Organization)
Post Box No. 8201, Banashankari Stage II
Bangalore- 560070

NPTI/PSTI/2020-21/039



CERTIFICATE

This is to certify that **Mr./ Ms. Rekha Arjun Paraganue** has participated in the **4-Week Online Summer Internship Programme** conducted from **03rd to 28th August, 2020.**

B. Venkate Subrah

**Deputy Director
NPTI (PSTI), Bangalore**

Uggar

**Director
NPTI (PSTI), Bangalore**

Dated: 28 August, 2020

PATCO TRANSFORMER INDUSTRIES

MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS

◆ OFFICE :

Azad Galli, Swami Mala,
NIPANI - 591 237
Dist. - Belgaum
(Karnataka State)
E-mail : patcotrans@yahoo.in

◆ FACTORY :

Plot No. 48-51, Industrial Area,
Jatrat Road, Shripewadi,
NIPANI - 591 237
Dist. - Belgaum (Karnataka State)
Phone No. 08338 - 222412
Cell - 9448339825

CERTIFICATE

This is to certify that Mr. **Sachin kallole**, 7th semester BE(EEE) student of Hirasugar Institute of Technology, Nidasoshi, dist. Belgaum has completed training in our industry from 10/03/2021 to 10/04/2021. During training period he has taken experience regarding repairs & manufacturing of distribution & power transformers, he found sincere and hardworking.

We wish him all the success in his future.

Place: Nipani

Date: 12-04-2021

Patco Transformer Industries


Proprietor

PATCO TRANSFORMER INDUSTRIES

MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS

• OFFICE :

Atad Gali, Swami Mela,

NIPANI - 591 237

Dist. - Belgaum

(Karnataka State)

E-mail : patcotrans@yahoo.in

• FACTORY :

Plot No. 45-01, Industrial Area,

Jayar Road, Siragewadi,

NIPANI - 591 237

Dist. - Belgaum (Karnataka State)

Phone No. 08336 - 222412

Cell - 9448339825

CERTIFICATE

This is to certify that Mr. Suraj Sunil Patil, 7th semester BE(EEE) student of Hirasagar Institute of Technology, Nidasoshi, dist. Belgaum has completed training in our industry from 10/03/2021 to 09/04/2021. During training period he has taken experience regarding repairs & manufacturing of distribution & power transformers. He found sincere and hardworking.

We wish him all the success in his future.

Place: Nipani

Date: 12-04-2021

Patco Transformer Industries


J Proprietor

PATCO TRANSFORMER INDUSTRIES

**MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS**

◆ **OFFICE :**

Azad Galli, Swami Mala,
NIPANI - 591 237
Dist. - Belgaum
(Karnataka State)
E-mail : patcotrans@yahoo.in

◆ **FACTORY :**

Plot No. 48-51, Industrial Area,
Jatrat Road, Shripewadi,
NIPANI - 591 237
Dist. - Belgaum (Karnataka State)
Phone No. 08338 - 222412
Cell - 9448339825

CERTIFICATE

This is to certify that Miss. **SHUSHMA Donawad** , 7th semester
BE(EEE) student of **Hirasugar Institute of Technology, Nidasoshi**, dist.
Belgaum has completed training in our industry from **10/03/2021** to
10/04/2021. During training period he has taken experience regarding
repairs & manufacturing of distribution & power transformers, he found
sincere and hardworking.

We wish him all the success in his future.

Place: Nipani

Date: 12-04-2021

Patco Transformer Industries


Proprietor

PATCO TRANSFORMER INDUSTRIES

MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS

◆ **OFFICE :**

Azad Galli, Swami Mala,
NIPANI - 591 237
Dist. - Belgaum
(Karnataka State)
E-mail : patcotrans@yahoo.in

◆ **FACTORY :**

Plot No. 48-51, Industrial Area,
Jatrat Road, Shripewadi,
NIPANI - 591 237
Dist. - Belgaum (Karnataka State)
Phone No. 08338 - 222412
Cell - 9448339825

CERTIFICATE


This is to certify that Miss Annapurna Guledavar, 7th semester
BE(EEE) student of Hirasugar Institute of Technology, Nidasoshi, dist.
Belgaum She completed training in our industry from 10/03/2021 to
09/04/2021. During training period she has taken experience regarding
repairs & manufacturing of distribution & power transformers, she found
sincere and hardworking.

We wish her all the success in his future.

Place: Nipani

Date: 12-04-2021

Patco Transformer Industries


Proprietor

PATCO TRANSFORMER INDUSTRIES

MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS

◆ OFFICE :

Azad Galli, Swami Mala,
NIPANI - 591 237
Dist. - Belgaum
(Karnataka State)
E-mail : patcotrans@yahoo.in

◆ FACTORY :

Plot No. 48-51, Industrial Area,
Jatrat Road, Shripenwadi,
NIPANI - 591 237
Dist. - Belgaum (Karnataka State)
Phone No. 08338 - 222412
Cell - 9448339825

CERTIFICATE

This is to certify that Mr. Janardhan Shingade, 7th semester BE(EEE) student of Hirasugar Institute of Technology, Nidasoshi, dist. Belgaum has completed training in our industry from 10/03/2021 to 09/04/2021. During training period he has taken experience regarding repairs & manufacturing of distribution & power transformers, He found sincere and hardworking.

We wish him all the success in his future.

Place: Nipani

Date: 12-04-2021

Patco Transformer Industries



Proprietor

INTERNSHIP CERTIFICATE

PATCO TRANSFORMER INDUSTRIES

MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS

♦ **OFFICE :**

Azad Galli, Swami Mala,
NIPANI - 591 237
Dist. - Belgaum
(Karnataka State)
E-mail : patcotrans@yahoo.in

♦ **FACTORY :**

Plot No. 48-51, Industrial Area,
Jatrat Road, Shripewadi,
NIPANI - 591 237
Dist. - Belgaum (Karnataka State)
Phone No. 08338 - 222412
Cell - 9448339825

CERTIFICATE

This is to certify that Miss . Pooja Keste, 7th semester BE(EEE)
student of Hirasugar Institute of Technology, Nidasoshi, dist. Belgaum
has completed training in our industry from 10/03/2021 to 09/04/2021.
During training period she has taken experience regarding repairs &
manufacturing of distribution & power transformers, She found sincere
and hardworking.

We wish her all the success in his future.

Place: Nipani

Date: 12-04-2021

Patco Transformer Industries


Proprietor

PATCO TRANSFORMER INDUSTRIES

MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS

• OFFICE :

Azad Gali, Swam Mata

NIPANI - 591 237

Dist - Belgaum

(Karnataka State)

E-mail : patcotrans@yahoo.in

• FACTORY

Plot No. 48-51 Industrial Area

Jalrai Road, Sripawad

NIPANI - 591 237

Dist - Belgaum (Karnataka State)

Phone No. 08338 - 222412

Cell - 9448338825

CERTIFICATE

This is to certify that Mr. Praveen Patil , 7th semester BE(EEE)
student of Hirasagar Institute of Technology, Nidasoshi, dist Belgaum
has completed training in our industry from 10/03/2021 to 10/04/2021
During training period he has taken experience regarding repairs &
manufacturing of distribution & power transformers, he found sincere
and hardworking

We wish him all the success in his future

Place Nipani

Date: 12-04-2021

Patco Transformer Industries


Proprietor



राष्ट्रीय विद्युत प्रशिक्षण प्रतिष्ठान
National Power Training Institute
विद्युत प्रणाली प्रशिक्षण संस्थान
Power Systems Training Institute

(Ministry of Power, Govt. of India)
(An ISO 9001: 2015 & ISO 14001: 2015 Organization)
Post Box No. 8201, Banashankari Stage II
Bangalore- 560070

NPTI/PSTI/2020-21/038



CERTIFICATE

This is to certify that **Mr./ Ms. Ranjana B Kadam** has participated in the **4-Week Online Summer Internship Programme** conducted from **03rd to 28th August, 2020.**

B. Venkate Subrah

**Deputy Director
NPTI (PSTI), Bangalore**

Uggar

**Director
NPTI (PSTI), Bangalore**

Dated: 28 August, 2020

PATCO TRANSFORMER INDUSTRIES

MANUFACTURER AND REPAIRER OF POWER
AND DISTRIBUTION TRANSFORMERS

• OFFICE :

Azad Galli, Swami Mala,
NIPANI - 591 237,
Dist - Belgaum
(Karnataka State)
E-mail: patcotrans@yahoo.in

• FACTORY :

Plot No. 48-51, Industrial Area,
Jahat Road, Shreewad,
NIPANI - 591 237,
Dist - Belgaum (Karnataka State)
Phone No 08338 - 222412
Cell - 9448339825

CERTIFICATE

This is to certify that Mr. Shridhar Patil , 7th semester BE(EEE)
student of Hirasagar Institute of Technology, Nidasoshi, dist. Belgaum
has completed training in our industry from 10/03/2021 to 09/04/2021.
During training period he has taken experience regarding repairs &
manufacturing of distribution & power transformers. He found sincere
and hardworking.

We wish him all the success in his future.

Place: Nipani

Date: 12-04-2021

Patco Transformer Industries



Proprietor



Decibels Lab Private Limited
K3162, 33th main road
1st sector, HSR layout
Bangalore, Karnataka, 560001

CIN: U50204KA2018PTC028975
AFC: 7410015255
contact@decibelsgo.com

Date	30 August 2020
Certificate ID	25247652
Issued by	Sudhivitha S O

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Sumant Jatti** has been undergone the internship program in Powertrain Simulations Department of Decibels Lab Pvt Ltd, from 03rd August 2020 to 28th August 2020.


During the above tenure, **Sumant Jatti** was trained and assigned projects on

1. Powertrain Modeling & simulation of:
 - a. Ather 450
 - b. Nissan Leaf
 - c. Formula Race Car

We wish you best of luck for the future endeavours.


For Decibels Lab Pvt Ltd

Sudhivitha S O
Senior HR Partner


	<p style="text-align: center;">S J P N Trust's Hirasugar Institute of Technology, Nidasoshi. <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME</p>	Mech. Engg. Dept.
		Academic
		Internship
		AY: 2020-21

List of Students Undergone Industry Internship during AY: 2020-21


Sl. No.	Name of the Participant	USN	Name of the Collaborating Agency with Contact Details	Duration
1	Rahul Chougula	2HN17ME035	ABHISHEK ALLOYS PVT. LTD. Mache Belgaum-590014. off -0831-2411041	01/08/2020 to 31/08/2020
2	Punithkumar Navi	2HN17ME034	ABHISHEK ALLOYS PVT. LTD. Mache Belgaum-590014. off -0831-2411041	01/08/2020 to 31/08/2020
3	Shreyansh Belavi	2HN17ME047	ABHISHEK ALLOYS PVT. LTD. Mache Belgaum-590014. off -0831-2411041	01/08/2020 to 31/08/2020
4	Vishal Mahadev Patil	2HN16ME092	ABHISHEK ALLOYS PVT. LTD. Mache Belgaum-590014. off -0831-2411041	24/09/2020 to 24/10/2020
5	Rattan Sollapure	2HN17ME037	Vishwaraj Sugar Industries Ltd. Bellad Bagewadi-591305. off 08333251251	11/08/2020 to 11/09/2020
6	Suneel Mudhole	2HN17ME053	Vishwaraj Sugar Industries Ltd. Bellad Bagewadi-591305. off 08333251251	11/08/2020 to 11/09/2020
7	Sachin Uppar	2HN17ME040	Vishwaraj Sugar Industries Ltd. Bellad Bagewadi-591305. off 08333251251	11/08/2020 to 11/09/2020
8	Ulavayya N Hiremath	2HN17ME057	Shree Someshwar Sahakari Sakkare Karkhane Ni. Bailhongal-	19/08/2020 to 19/09/2020
9	Sanket Sanjay Shetake	2HN17ME043	Venkateshwara Power Project Ltd. Bedkhal -591214 Off. 08338-257001	01/09/2020 to 01/10/2020
10	Nikhil B Kudachi	2HN17ME027	Shivashakti Sugars Limited Soundatti-591213. Off. 08331-227607	01/08/2020 to 30/08/2020
11	Roshan B Antannavar	2HN17ME039	Bellmark Industries Belagavi-590008. Ph. 8970774847	05/08/2020 to 04/09/2020
12	Raveendra S Janti	2HN17ME038	Bellmark Industries Belagavi-590008. Ph. 8970774847	05/08/2020 to 04/09/2020
13	Veeresh Hiremath	2HN17ME061	Bellmark Industries Belagavi-590008. Ph. 8970774847	05/08/2020 to 04/09/2020

	<p style="text-align: center;">S J P N Trust's Hirasugar Institute of Technology, Nidasoshi. <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME</p>		Mech. Engg. Dept.
			Academic
			Internship
			AY: 2020-21

14	Shivanand G Haranatti	2HN17ME046	MRN Canepower and Biorefineries Pvt. Ltd Pandavapura Mandya-571435	03/08/2020 to 03/09/2020
15	Ningaraj Budi	2HN17ME028	MRN Canepower and Biorefineries Pvt. Ltd Pandavapura Mandya-571435	03/08/2020 to 03/09/2020
16	Vaibhav Kanagali	2HN17ME058	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	05/08/2020 to 31/08/2020
17	Sachin Chunamuri	2HN17ME051	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	05/08/2020 to 31/08/2020
18	Deepak Mudasi	2HN17ME012	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	05/08/2020 to 31/08/2020
19	Imamhussain Naikwade	2HN17ME016	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	05/08/2020 to 31/08/2020
20	Prajwal Kadam	2HN17ME031	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	05/08/2020 to 31/08/2020
21	Deepak Talwar	2HN16ME021	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	07/08/2020 to 06/09/2020
22	Anjana Hunachyali	2HN17ME007	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	07/08/2020 to 06/09/2020
23	Akshay Aralimatti	2HN18ME400	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	07/08/2020 to 06/09/2020
24	Mohammad Sohel Badkar	2HN17ME024	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	07/08/2020 to 06/09/2020
25	Akshay Girimallanavar	2HN18ME401	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	07/08/2020 to 06/09/2020
26	Mahantesh Patil	2HN17ME021	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	07/08/2020 to 06/09/2020
27	Abhishek Malagoudanavar	2HN17ME001	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	07/08/2020 to 06/09/2020

	<p style="text-align: center;">S J P N Trust's Hirasugar Institute of Technology, Nidasoshi. <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME</p>		Mech. Engg. Dept.
			Academic
			Internship
			AY: 2020-21

28	Mahantesh Hukkeri	2HN17ME019	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	07/08/2020 to 06/09/2020
29	Naveen Umarane	2HN17ME026	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	07/08/2020 to 06/09/2020
30	Mahantesh Kamate	2HN17ME020	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	07/08/2020 to 06/09/2020
31	Kadagouda Patil	2HN17ME017	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	07/08/2020 to 06/09/2020
32	Praveen Doog	2HN17ME033	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	10/08/2020 to 09/09/2020
33	Omkar Balekundri	2HN17ME029	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	10/08/2020 to 09/09/2020
34	Mrutyunjaya M S	2HN17ME025	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	10/08/2020 to 09/09/2020
35	Vinay Mathapati	2HN17ME062	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	10/08/2020 to 31/08/2020
36	Vaibhav Patil	2HN17ME059	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	10/08/2020 to 31/08/2020
37	Parateek Nilaji	2HN17ME032	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	10/08/2020 to 31/08/2020
38	Bhimashankar Naikodi	2HN17ME010	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	10/08/2020 to 31/08/2020
39	Prateek Shetti	2HN16ME050	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	01/03/2021 to 31/03/2021
40	Sudhakar Reddy	2HN17ME052	Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit Sankeshwar-591313 Off. 08333-273001	01/03/2021 to 31/03/2021
41	Girish Chougala	2HN17ME015	The Krishna Sahakari Sakkare Karkhane Niyamit Athani-591304. Off. 08289-255000	03/08/2020 to 03/09/2020

	<p style="text-align: center;">S J P N Trust's Hirasugar Institute of Technology, Nidasoshi. <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME</p>	Mech. Engg. Dept.
		Academic
		Internship
		AY: 2020-21

42	Basavaraj A Daballi	2HN17ME009	The Krishna Sahakari Sakkare Karkhane Niyamit Athani-591304. Off. 08289-255000	03/08/2020 to 03/09/2020
43	Mallikarjun Hukkeri	2HN17ME023	The Krishna Sahakari Sakkare Karkhane Niyamit Athani-591304. Off. 08289-255000	03/08/2020 to 03/09/2020
44	Kenchappa Kattikar	2HN17ME018	The Krishna Sahakari Sakkare Karkhane Niyamit Athani-591304. Off. 08289-255000	03/08/2020 to 03/09/2020
45	Abhishek Jamakandi	2HN17ME002	The Krishna Sahakari Sakkare Karkhane Niyamit Athani-591304. Off. 08289-255000	03/08/2020 to 03/09/2020
46	Bahubali Muggannavar	2HN17ME008	The Krishna Sahakari Sakkare Karkhane Niyamit Athani-591304. Off. 08289-255000	03/08/2020 to 03/09/2020
47	Sharavan Hiremath	2HN17ME045	Trimurti Ferro Cast. Belgaum-590014. Ph. 0831-2440604	07/08/2020 to 07/09/2020


 Dr.S.N.Topannavar
 HOD
 Mechanical Engg.
 HIT, Nidasoshi



Plot No.56, Machhe Industrial Estate, Belguram - 560 014, KARNATAKA, INDIA
☎ Off: +91 - 0831 - 2411040, 2411041
✉ Email: mmacharya@abhishekalloys.com, abhishekalloys@gmail.com
CIN: U27104KA1992FTCO12734

**ABHISHEK
ALLOYS PVT. LTD.**


Date: 01.09.2020

CERTIFICATE OF INTERNSHIP

This is to certify that **Mr. Rahul Chougula** (VTUNo.2HN17MED35) the student of **HIRASUGAR INSTITUTE OF TECHNOLOGY, Nidasoshi**, Has successfully completed his internship from **01/08/2020 to 31/08/2020**. During the course of internship we found him most sincere and hard working.

We wish him all the success in his academic career.

For Abhishek Alloys Pvt. Ltd.


Authorized Signature

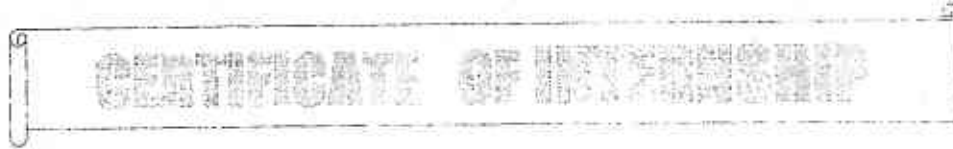
01/09/2020



Plot No.58, Machhe Industrial Estate, Belgaum - 590 014, KARNATAKA, INDIA
☎ Off : +91 - 0831 - 2411040, 2411041
✉ E-mail : mnacharya@abhishekalloys.com, abhishekalloysbgm@gmail.com
CIN : U27104KA1992PTC012734

ABHISHEK
ALLOYS PVT. LTD.

Date: 01.09.2020



This is to certify that Mr. Punthkumar Navi (VTUNo.2HN17M1034) the student of HIRASUGAR INSTITUTE OF TECHNOLOGY, Nidasoshi, Has successfully completed his internship from 01/08/2020 to 31/08/2020. During the course of internship we found him most sincere and hard working.

We wish him all the success in his academic career.

For Abhishek Alloys Pvt. Ltd.


01/09/2020
Authorized Signature



Plot No.58, Machhe Industrial Estate, Belgaum - 590 014, KARNATAKA, INDIA
☎ Off : +91 - 0831 - 2411040, 2411041
✉ E-mail : mnacharya@abhishekalloys.com, abhishekalloysbgm@gmail.com
CIN : U27104KA1992PTC012734

ABHISHEK
ALLOYS PVT. LTD.

Date: 01/09/2020



This is to certify that Mr. Shreyansh Belavi (VTUNO 2HN17MF047) the student of HIRASUGAR INSTITUTE OF TECHNOLOGY, Nidasoshi, Has successfully completed his internship from 01/08/2020 to 31/08/2020. During the course of internship we found him most sincere and hard working.

We wish him all the success in his academic career.

For Abhishek Alloys Pvt. Ltd.

 01/09/2020
Authorized Signature



BELMARK INDUSTRIES

Manufacturer of hydraulic Machines and Equipments

Ref. : BMI/INT_A043/20-21

Date : 08/09/2020

TO WHOM IT MAY CONCERN

This is to certify that **Mr. VEERESH HIEMATH (USN : 2HN17ME061)**, S/o. SHIVAYYA HIEMETH, A/p. TUKKANATTI, Tq. GOKAK & Dist. BELAGAVI, a student of Mechanical Engineering from **SHIRASHUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI**, VTU university, Belagavi, Karnataka State, India. He has successfully completed **31 Days** (From 5TH AUGUST, 2020 to 4TH SEPTEMBER, 2020) long internship programme at our Firm/Company. During the period of his internship programme with us he was found punctual, hard working and inquisitive.

We wish him every success in life.

AUTHORIZED SIGNATORY



For, **BELMARK INDUSTRIES**



BELMARK INDUSTRIES

Manufacturer of hydraulic Machines and Equipments

Ref. : BMI/INT_A045/20-21

Date : 08/09/2020

TO WHOM IT MAY CONCERN

This is to certify that **Mr. ROSHAN B. ANTANNAVAR (USN : 2HN17ME039)**, S/o. BASAVARAJ ANTANNAVAR, A/p. MATTIKOP, Tq. BAILHONGAL & Dist. BELAGAVI, a student of Mechanical Engineering from **HIRASHUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI**, VTU university, Belagavi, Karnataka State, India. He has successfully completed **31 Days** (From 5TH AUGUST, 2020 to 4TH SEPTEMBER, 2020) long internship programme at our Firm/Company. During the period of his internship programme with us he was found punctual, hard working and inquisitive.

We wish him every success in life.

AUTHORIZED SIGNATORY

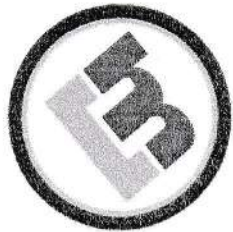


For, BELMARK INDUSTRIES

Plot No. 09, Majukar Complex, Udyambag, Belagavi - 590 008

+91-8970774847, 8904550323

belmarkind@gmail.com www.belmarkindustries.in



BELMARK INDUSTRIES

Manufacturer of hydraulic Machines and Equipments

Ref. : BMI/INT_A042/20-21

Date : 08/09/2020

TO WHOM IT MAY CONCERN

This is to certify that **Mr. RAVEENDRA S. JANTI (USN : 2HN17ME038)**, S/o. SURESH B. JANTI, A/p. KONNUR, Tq. GOKAK & Dist. BELAGAVI, a student of Mechanical Engineering from **HIRASHUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI**, VTU university, Belagavi, Karnataka State, India. He has successfully completed **31 Days** (From 5TH AUGUST, 2020 to 4TH SEPTEMBER, 2020) long internship programme at our Firm/Company. During the period of his internship programme with us he was found punctual, hard working and inquisitive.

We wish him every success in life.

AUTHORIZED SIGNATORY



For, BELMARK INDUSTRIES

Plot No. 09, Majukar Complex, Udyambag, Belagavi - 590 008

+91-8970774847, 8904550323

ಕೃಷ್ಣಾ ಸಹಕಾರಿ ಸಕ್ಕರೆ ಕಾರ್ಖಾನೆ ನಿಯಮಿತ, ಅಥಣಿ-591304.

ಪೋಸ್ಟ್ : ಸಂಕೋನಟ್ಟಿ. ತಾಲೂಕು : ಅಥಣಿ. ಜಿಲ್ಲಾ : ಬೆಳಗಾವಿ.

THE KRISHNA SAHAKARI SAKKARE KARKHANE NIYAMIT, ATHANI-591304.

POST : SANKONATTI
Dist. : Belagavi.

TALUK : ATHANI
Karnataka State.

☎ : Office : 08289-255000
Telefax : 08289-255001

GSTIN : 29AAAAT3400C1Z1

E-mail : krishnasugar@gmail.com

Ref. No.

Date :

Ref: KSSKN/ADM/HTK/2020-21/ **356**

: 09/09/2020

CERTIFICATE

This is to certify that, Mr. **Girish Chougala. BE** student of SJPN Trust's, Hirasugar Institute Of Technology, Nidasoshi. (Reg No-2HN17ME015) has Successfully completed inplant training in our organization From Date - 03-08-2020 to 03-09-2020.

His character and conduct was good while in his training.

For, K.S.S.K.N, Athani


Managing Director

ಕೃಷ್ಣಾ ಸಹಕಾರಿ ಸಕ್ಕರೆ ಕಾರ್ಖಾನೆ ನಿಯಮಿತ, ಅಥಣಿ-591304.

ಪೋಸ್ಟ್ : ಸಂಕೋನಟ್ಟಿ. ತಾಲೂಕು : ಅಥಣಿ. ಜಿಲ್ಲಾ : ಬೆಳಗಾವಿ.

THE KRISHNA SAHAKARI SAKKARE KARKHANE NIYAMIT, ATHANI-591304.

POST : SANKONATTI
Dist. : Belagavi.

TALUK : ATHANI
Karnataka State.

☎ : Office : 08289-255000
Telefax : 08289-255001

GSTIN : 29AAAAT3400C1Z1

E-mail : krishnasugar@gmail.com

Ref. No.

Date :

Ref: KSSKN/ADM/HTK/2020-21/

: 09/09/2020

CERTIFICATE

This is to certify that, Mr. **Bahubali Muggannavar. BE** student of SJPN Trust's, Hirasugar Institute Of Technology, Nidasoshi. (Reg No-2HN17ME008) has Successfully completed inplant training in our organization From Date - 03-08-2020 to 03-09-2020.

His character and conduct was good while in his training.

For, K.S.S.K.N, Athani



Managing Director

ಕೃಷ್ಣ ಸಹಕಾರಿ ಸಕ್ಕರೆ ಕಾರ್ಖಾನೆ ನಿಯಮಿತ, ಅಥಾನಿ-591304.

ಪೋಸ್ಟ್ : ಸಂಕೋನಟ್ಟಿ, ಜಿಲ್ಲೆ : ಬೆಂಗಳೂರು, ತಾಲ್ಲೂಕು : ಅಥಾನಿ.

THE KRISHNA SAHAKARI SAKKARE KARKHANE NIYAMIT, ATHANI-591304.

POST: SANKONATTI
Dist. : Belagavi.

TALUK : ATHANI
Karnataka State.

☎: Office : 08289-255000
Telefax : 08289-255001

GSTIN : 29AAAAT3400C1Z1

E-mail : krishnasugar@gmail.com

Ref. No.

Date :

Ref: KSSKN/ADM/HTK/2020-21/ **353**

: 09/09/2020

CERTIFICATE

This is to certify that, Mr. Mallikarjun Hukkeri. BE student of SJPN Trust's, Hirasugar Institute Of Technology, Nidasoshi. (Reg No-2HN17ME023) has Successfully completed implant training in our organization From Date - 03-08-2020 to 03-09-2020.

His character and conduct was good while in his training.

For, K.S.S.K.N, Athani


Managing Director

ಕೃಷ್ಣಾ ಸಹಕಾರಿ ಸಕ್ಕರೆ ಕಾರ್ಖಾನೆ ನಿಯಮಿತ, ಅಥಣಿ-591304.

ಪೋಸ್ಟ್ : ಸಂಕೋನಟ್ಟಿ. ತಾಲೂಕು : ಅಥಣಿ. ಜಿಲ್ಲಾ : ಬೆಳಗಾವಿ.

THE KRISHNA SAHAKARI SAKKARE KARKHANE NIYAMIT, ATHANI-591304.

POST : SANKONATTI
Dist. : Belagavi.

TALUK : ATHANI
Karnataka State.

☎ : Office : 08289-255000
Telefax : 08289-255001

GSTIN : 29AAAAT3400C1Z1

E-mail : krishnasugar@gmail.com

Ref. No.

Date :

Ref: KSSKN/ADM/HTK/2020-21/ **357**

: 09/09/2020

CERTIFICATE

This is to certify that, Mr. **Kenchappa Kattikar. BE** student of SJPN Trust's, Hirasugar Institute Of Technology, Nidasoshi. (Reg No-2HN17ME018) has Successfully completed inplant training in our organization From Date - 03-08-2020 to 03-09-2020.

His character and conduct was good while in his training.

For, K.S.S.K.N, Athani



Managing Director

ಕೃಷ್ಣಾ ಸಹಕಾರಿ ಸಕ್ಕರೆ ಕಾರ್ಖಾನೆ ನಿಯಮಿತ, ಅಥಣಿ-591304.

ಪೋಸ್ಟ್ : ಸಂಕೋನಟ್ಟಿ. ತಾಲೂಕು : ಅಥಣಿ. ಜಿಲ್ಲಾ : ಬೆಳಗಾವಿ.

THE KRISHNA SAHAKARI SAKKARE KARKHANE NIYAMIT, ATHANI-591304.

POST : SANKONATTI
Dist. : Belagavi.

TALUK : ATHANI
Karnataka State.

☎ : Office : 08289-255000
Telefax : 08289-255001

GSTIN : 29AAAAT3400C1Z1

E-mail : krishnasugar@gmail.com

Ref. No.

Date :

Ref: KSSKN/ADM/HTK/2020-21/355

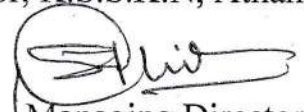
: 09/09/2020

CERTIFICATE

This is to certify that, Mr. Basavaraj A Daballi. BE student of SJPN Trust's, Hirasugar Institute Of Technology, Nidasoshi. (Reg No-2HN17ME009) has Successfully completed implant training in our organization From Date - 03-08-2020 to 03-09-2020.

His character and conduct was good while in his training.

For, K.S.S.K.N, Athani


Managing Director

ಕೃಷ್ಣಾ ಸಹಕಾರಿ ಸಕ್ಕರೆ ಕಾರ್ಖಾನೆ ನಿಯಮಿತ, ಅಥಣಿ-591304.

ಪೋಸ್ಟ್ : ಸಂಕೋನಟ್ಟಿ. ತಾಲೂಕು : ಅಥಣಿ. ಜಿಲ್ಲಾ : ಬೆಳಗಾವಿ.

THE KRISHNA SAHAKARI SAKKARE KARKHANE NIYAMIT, ATHANI-591304.

POST : SANKONATTI
Dist. : Belagavi.

TALUK : ATHANI
Karnataka State.

☎ : Office : 08289-255000
Telefax : 08289-255001

GSTIN : 29AAAAT3400C1Z1

E-mail : krishnasugar@gmail.com

Ref. No.

Date :

Ref: KSSKN/ADM/HTK/2020-21/

: 09/09/2020

358

CERTIFICATE

This is to certify that, Mr. Abhishek Jamakhandi. BE student of SJPN Trust's, Hirasugar Institute Of Technology, Nidasoshi. (Reg No-2HN17ME002) has Successfully completed inplant training in our organization From Date - 03-08-2020 to 03-09-2020.

His character and conduct was good while in his training.

For, K.S.S.K.N, Athani


Managing Director

MRN CANEPOWER AND BIOREFINERIES PVT LTD

(Wholly Owned Subsidiary of Nirani Sugars Limited) | (Lessee of Pandavapura Sahakari Sakshare Karkhane Limited),
Factory Site: Pandavapura R.S. District Mandya - 571 435, Karnataka
Email Id: posk.accounts@niranigroups.com | CIN: U15400KA2020PTC136390



CERTIFICATE

This is to certify that **Mr. Ningaraj Budi** (VTU No. (2HN17ME028) BE Mechanical Engineering 6th semester student of Hirasugar Institute of Technology, Nidasoshi Belagavi, has completed the Internship on '**Mechanical Engineering**' in our Organization from 03/08/2020 to 03/09/2020.

He has shown interest, sincerity and hard work during the period of the Internship.

We wish him all success

Yours faithfully
For MRN CPI Ltd. Kallapur S.K

D. S. Bandagar

(HR AGM)

HR Department
MRN CANE POWER INDIA LTD.
KALLAPUR S. K. - 587 155
Tq: Badami Dist: Bagalkot

MRN CANEPOWER AND BIOREFINERIES PVT LTD

(Wholly Owned Subsidiary of Nirani Sugars Limited) | (Lessee of Pandavapura Sahakari Sakkare Karkhane Limited)
Factory Site: Pandavapura R.S. District Mandya - 571 435, Karnataka
Email Id: pssk.accounts@niranigroups.com | CIN: U15400KA2020PTC136390



CERTIFICATE

This is to certify that **Mr. Shivanand G. Haranatti (VTU No. (2HN17ME046) BE**
Mechanical Engineering 6th semester student of Hirasugar Institute of Technology,
Nidasoshi Belagavi, has completed the Internship on 'Mechanical Engineering'
in our Organization from 03/08/2020 to 03/09/2020.

He has shown interest, sincerity and hard work during the period of the Internship.

We wish him all success

Yours faithfully
For MRN CPI Ltd. Kallapur S.K

D. S Bandagar

(HR AGM)

HR Department
MRN CANE POWER INDIA LTD.
KALLAPUR S.K. - 587 155
Tq: Badami Dist: Badkher

Ref.No.SSL/HRD/Trg.Crt./2020-21

Date: 30.08.2020

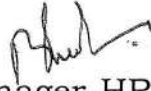
C E R T I F I C A T E
To whom so ever it May Concern

This is to certify that, **Mr Nikhil B Kudachi** student of Hira Sugar Institute of Technology Nidasoshi has successfully completed Internship in our Industry from 01.08.2020 to 30.08.2020. During the Internship, He was found sincere and hard working.

We wish him all the success for bright future.

For Shiv Shakti Sugars Ltd




Manager-HR

To
Mr Nikhil B Kudachi

Factory Office :

Shivshakti Sugars Limited
SOUNDATTI, Tq. Raibag
Dist. Belgaum, Pin - 591213 Karnataka (India)
Ph. No. : 08331 - 227657, Fax : 227607
email : info@shivshaktisugars.com

Corporate Office :

Mayur Chitra mandir road,
ANKALI - 591213, Tal. : Chikodi
Dist. Belgaum, Karnataka (India).

Tin: 29710007139
CST No. 5117014-0

Phone: 08288-22355
Fax: 22354



SHREE SOMESHWAR SAHAKARI SAKKARE KARKHANE NL, BAILHONGAL

Karkhane Site: SIDDASAMUDRA

Post: Mallamman Belawadi Tq: Bailhongal Dist: Belgaum.

website: www.someshwarbailhongal.com

e-mail: Someshwarbailhongal@gmail.com

Ref No.

SSSSKN/Admn/IPT/2020-21/

Date:

19.09.2020

:: CERTIFICATE ::

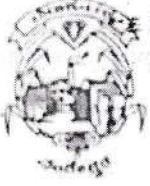
This is to certify that Mr. **Ulavayya N. Hiremath B.E.**
(Mechanical) 7th Semester Student, being USN.
2HN17ME057 from **Hirasugar Institute of Technology,**
Nidsoshi, has successfully completed his Training on
"Project Internship" in our organization from 19.08.2020
to 19.09.2020.

During His training period he has taken keen interest
and his work is found to be satisfactory.



(Ashok M. Bommannavar)
Office Superintendent

Shri. Someshwar S.S.K.N. Bailhongal



Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit,

Dist: Belgaum)

SANKESHWAR - 591 314.

(Karnataka State

(Railway Station: GHATAPRABHA S.C. Rly.)

ಶ್ರೀ ಹಿರಣ್ಯಕೇಶಿ ಸಹಕಾರಿ ಸಕ್ಕರೆ ಕಾರಖಾನೆ ನಿಯಮಿತ,

ಜಿ. ಬೆಳಗಾವಿ)

ಸಂಕೇಶ್ವರ - 591 314.

(ಕರ್ನಾಟಕ ರಾಜ್ಯ)

No. _1548

1 SEP 2020

No.Est /Inpl.trg/

/2020

Date - /09/2020.

CERTIFICATE

This is to certify that the below mentioned students of S.J.P.N Trust's. Hirasugar Institute of Technology Nidasoshi, who are studying in 3rd year B.E Mechanical Engineering have completed the "INDUSTRIAL INTERNSHIP TRAINING" in our factory during the period from 5th August 2020 to 31st August 2020.

During the Industrial in-plant training they found sincere & honest. We wish all the best in their future endeavor.

This certificate is issued as per the request of the candidates.

1	Mr. Vaibhav Kanagali	(2HN17ME058)
2	" Sachin Chunamari	(2HN17ME041)
3	" Deepak Mudshi	(2HN17ME012)
4	" Imamahusain Naikwade	(2HN17ME016)
5	" Prajwal Kadam	(2HN17ME031)

daib
✓ Managing Director



Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit,
Dist : Belgaum) **SANKESHWAR - 591 314.** (Karnataka State)

(Railway Station : GHATAPRABHA S.C. Rly.)

ಶ್ರೀ ಹಿರಣ್ಯಕೇಶಿ ಸಹಕಾರಿ ಸಕ್ಕರೆ ಕಾರಖಾನೆ ನಿಯಮಿತ,
ಜಿ. ಬೆಳಗಾವಿ) **ಸಂಕೇಶ್ವರ - 591 314.** (ಕರ್ನಾಟಕ ರಾಜ್ಯ)

14 SEP 2020

No.Est /Inpl.trg/ /20

Date -- /09/2020.

No 1739

CERTIFICATE

This is to certify that the below mentioned students of Hirasugar Institute of Technology Nidasoshi, who are studying in pre final year B.E. Mechanical Engineering have completed the "INDUSTRIAL INTERNSHIP TRAINING" in our factory during the period from 07th August 2020 to 6th September 2020.

During the Industrial in-plant training they found sincere & honest. We wish all the best in their future endeavor.

This certificate is issued as per the request of the candidates.

Mr.Deepak Talwar	2HN16ME021	Mr Abhishek Malagoudnavar	2HN17ME001
Miss Anjana Hunachyali	2HN17ME007	" Mr Mahantehs Hukkeri	2HN17ME019
Mr Akshay Aralimatti	2HN18ME400	" Naveen Umarane	2HN17ME026
" Mohmmad S. Badakar	2HN17ME024	" Mahantehs Karnate	2HN17ME020
" Akshay Girammallnavar	2HN18ME401	" Kadagouda Patil	2HN17ME017
" Mahantesh Patil	2HN17ME021	" Suresh Naganuri	2HN17ME056


Managing Director

Tel. : "HIRASUGAR"
E-mail : hirasugarskv@yahoo.com
GST No : 29AAAAH0152M1ZP



STD : 08333
Office : 251001
Fax No : 08333-273001

Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit,



Dist : Belagavi)

SANKESHWAR - 591 314.

(Karnataka State

(Railway Station : GHATAPRABHA S.C.Rly.)

ಶ್ರೀ ಹಿರಣ್ಯಕೇಶಿ ಸಹಕಾರಿ ಸಕ್ಕರೆ ಕಾರಖಾನೆ ನಿಯಮಿತ,

ಜಿ : ಬೆಳಗಾವಿ)

ಸಂಕೇಶ್ವರ - 591 314.

(ಕರ್ನಾಟಕ ರಾಜ್ಯ)

No.Est /Inpl.trg/

/20

Date -

/01/2020.

No. 1694

19 SEP 2020

CERTIFICATE

This is to certify that the below mentioned students of Hirasugar Institute of Technology Nidasoshi, who are studying in pre final year B.E Mechanical Engineering have completed the "INDUSTRIAL INTERNSHIP TRAINING" in our factory during the period from 10th August 2020 to 09th September 2020.

During the Industrial in-plant training they found sincere & honest. We wish all the best in their future endeavor.

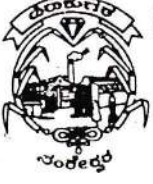
This certificate is issued as per the request of the candidates.

1	Mr Praveen Doog	(2HN17ME033)
2	" Omkar Balekundri	(2HN17ME029)
3	" Mrutyunjaya M. S	(2HN17ME025)


Managing Director

Tel : "HIRASUGAR"
Fax No. : 08333-273001
E-mail : hirasugarskv@gmail.com

STD : 08333
Office : 251001



Shri Hiranyakeshi Sahakari Sakkare Karkhane Niyamit,

Dist : Belgaum)

SANKESHWAR - 591 314.

(Karnataka State

(Railway Station : GHATAPRABHA S.C. Rly.)

ಶ್ರೀ ಹಿರಣ್ಯಕೇಶಿ ಸಹಕಾರಿ ಸಕ್ಕರೆ ಕಾರಖಾನೆ ನಿಯಮಿತ,

ಜಿ. ಬೆಳಗಾವಿ)

ಸಂಕೇಶ್ವರ - 591 314.

(ಕರ್ನಾಟಕ ರಾಜ್ಯ)

7 SEP 2020

No.Est /Inpl.trg/

/2020

Date - /09/2020.

No 1657

CERTIFICATE

This is to certify that the below mentioned students of S.J.P.N Trust's, Hirasugar Institute of Technology Nidasoshi, who are studying in 3rd year B.E Mechanical Engineering have completed the "INDUSTRIAL INTERNSHIP TRAINING" in our factory during the period from 10th August 2020 to 31st August 2020.

During the Industrial in-plant training they found sincere & honest. We wish all the best in their future endeavor.

This certificate is issued as per the request of the candidates.

1	Mr. Vinay Mathapati	(2HN17ME062)
2	" Vaibhav Patil	(2HN17ME059)
3	" Prateek Nilaji	(2HN17ME032)
4	" Bhimashankar Naikodi	(2HN17ME024)


Managing Director

TFC TRIMURTI FERRO CAST

Date: 07-09-2020

:CERTIFICATE:

This to certify that, **Mr Sharavan Hiremath** USN No 2HN17ME045
7th Semester B.E [Mech] student of **Hira Sugar Institute of
Technology** Nidasoshi, has successfully completed his Internship
Training in our Foundry from 07-08-2020 To 07-09-2020

During the Internship period he has taken keen interest in the Study.

We wish him all the best for his future career



To

Mr Sharavan Hiremath B.E. [Mech]



Venkateshwara Power Project Ltd.

(Sugar Factory)

■ Regd. Off. : Mahadik Pump, Shirol (P), Tal. Hatkangale,
Dist. Kolhapur, Maharashtra 416 122

Phone : 91-230 - 2461002/3/4/5, Fax: 91-230 - 2461006

E mail : vppl@mahadikgroup.com

■ CIN : U40101PN1994PLC083924

■ Factory : A/p. Bedkihal, Tal. Nipani,
Dist. Belgaum, Karnataka 591 214

Phone : 91 - 8338 - 257001

Telefax : 91 - 8338 - 257008

■ GSTIN : 29AABCV0497N1ZO

Ref:VPPL/ADM./2020-21/

Date: 01.10.2020

CERTIFICATE

This is to certify that Mr. Sanket Sanjay Shetake, B.E. Final year, student of Hirasugar Institute of Technology Nidasoshi, has successfully completed the Industrial Internship in our factory from 01.09.2020 to 01.10.2020.

During the project period, he was found to be sincere and hard worker.

We wish him all success for his bright future.




H.R. MANAGER
V.P.P.L. Bedkihal

No:VSIL/TO/ 1078

Date: 12-09-2020

TO WHOM SO EVER IT MAY CONCERN

This is to certify that, Mr. Sachin Uppar, (VTU: 2HN17ME040) B.E. Mechanical Engineering. - 6th semester student of Hirasugar Institute of Technology, Nidasoshi, has undergone a study of internship project in our industry, for the period from 11.08.2020 to 11.09.2020.

During his study project we found he is very studious, enthusiastic, punctual and his behavior was good.

We wish all the best in his future Endeavour.

For **VISHWARAJ SUGAR INDUSTRIES LTD.**


Chief Administrative Officer

No:VSIL/TO/ 1077

Date: 12 -09-2020

TO WHOM SO EVER IT MAY CONCERN

This is to certify that, Mr. Ratan Sollapure, (VTU: 2HN17ME037) B.E. Mechanical Engineering. - 6th semester student of Hirasugar Institute of Technology, Nidasoshi, has undergone a study of internship project in our industry, for the period from 11.08.2020 to 11.09.2020.

During his study project we found he is very studious, enthusiastic, punctual and his behavior was good.

We wish all the best in his future Endeavour

For **VISHWARAJ SUGAR INDUSTRIES LTD.**


Chief Administrative Officer

No:VSIL/TO/ 1076

Date: 12-09-2020

TO WHOM SO EVER IT MAY CONCERN

This is to certify that, Mr. Sunil Mudhole, (VTU: 2HN17ME053) B.E. Mechanical Engineering. - 6th semester student of Hirasugar Institute of Technology, Nidasoshi, has undergone a study of internship project in our industry, for the period from 11.08.2020 to 11.09.2020.

During his study project we found he is very studious, enthusiastic, and punctual and his behavior was good.

We wish all the best in his future Endeavour.

For **VISHWARAJ SUGAR INDUSTRIES LTD.**


Chief Administrative Officer

2.3.1

Participative learning



S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi.

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Programmes Accredited by NBA: CSE, ECE, EEE & ME

CSE Dept.

STAC

Activities


2020-21

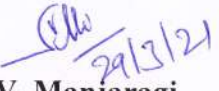
Date: 29/03/2021

Department of Computer Science and Engineering

Activities Conducted in the Academic Year 2020-21

Sl. No.	Date	Name of Activity Conducted
1	10-08-2020	Organized National Level Webinar on "Introduction to Web Application Development".
2	14-08-2020	Organized National Level Webinar on "DevOps and Cloud Technology".
3	16-10-2020	Organized a webinar on "Deep Learning"
	12-12-2020	Webinar on " Skill Requirements & Opportunity for Fresh Software Developer"
4	17-12-2020	Webinar on " Career Goals after Engineering"
5	18-12-2020	National Level Webinar on "Block Chain Technology" in association with Tech Fortune Technologies Bangalore.
6	22-05-2021	Webinar on "Campus Placement Preparation" by Mr. Vinayak, Technical Specialist, Shipco IT Pvt. Ltd. Pune
7	11-06-2021 To 24-06-2021	Completed 20 hours free online Course on "An Intro to the Internet of Things" offered by Cisco Networking Academy.
8	03-07-2021	Technical Webinar on "DevOps and Career Opportunities in DevOps" by Mr.Nitesh Bhat,SR Software Engineer DevOps Practitioner Intrado, Digital Media.


Prof. Ravindra R. Patil
STAC Coordinator


Prof. S.V. Manjaragi
H.O.D.
Computer Science & Engg.
HIT, Nidasoshi.



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CSE Dept.

Academics

Notice

2020-21 (Odd)

Date: 10/12/2020

Notice

All students of Computer Science and Engineering department are hereby informed that, our department is going to organize national level webinar on "Block Chain Technology".

The aim of this webinar is to create awareness among students about latest technology in software industry.

It is compulsory that all students to register for this webinar and attend the same.

The details of webinar are as follows,

Date: - 18/12/2020

Time: - 3:00 pm


In association with: - Tech Fortune Technologies, Bengaluru

Registration link: - <https://forms.gle/pB2jLejU3FyfzK4b9>

Dr. K. B. Manwade
Coordinator

10/12/2020
Prof. S. V. Manjaragi
HOD, CS&E

H.O.D
Computer Science & Engg.
HIT, Nidasoshi.

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	CS Engg. Dept	
	Academics	
	Permission Letter	
		2020-21 -ODD

Date: - 09/12/2020

To,
The Principal,
HSIT, Nidasoshi.


Subject: - Permission for conducting national level webinar regarding...

Respected sir,

We, the department of Computer Science and Engineering want to conduct a national level webinar on "Blockchain Technology" in Association with Tech Fortune Technologies, Bengaluru. The webinar is scheduled on 18th of December 2020 at 3:00 pm. This webinar is for all undergraduate Computer Science and Engineering students across India. The aim of conducting this webinar is to introduce new technology to students.

Kindly permit us to conduct this webinar.

Thank you.


Dr. K. B. Manwade
Coordinator


Prof. S. V. Manjaragi
HOD CSE

Permitted
9/12

S.J.P.N Trust's

Hirasugar Institute of Technology, Nidasoshi



Approved by AICTE, New Delhi and Affiliated to VTU, Belagavi
Accredited by NAAC at 'A' Grade and NBA

Department of Computer Science & Engineering

National Level Webinar

REGISTER NOW FOR FREE!

<https://forms.gle/pB2jLejU3FyfzK4b9>

For correspondence: Mr. A.R.Bhiste
arbhiste.cse@hsit.ac.in , +91-9538170337

Who can attend?

Computer Engineering UG/PG students

**18th December 2020
3:00 PM**

TECH FORTUNE
we stand for excellence

**IN ASSOCIATION WITH
TECH FORTUNE TECHNOLOGIES, BENGALURU**

For more information visit Institute website: <https://hsit.ac.in/>

Dr. K. B. Manwade
Coordinator

Prof. S.V. Manjaragi
HOD CSE

Dr. S. C. Kamate
Principal



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Hirasugar Institute of Technology, Nidasoshi.

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CSE Dept.

STAC

Activity Report

2020-21 (ODD)

Activity Report

Date and Time	18 th December at 3:00 PM
Name of Activity	National level webinar on "BlockChain Technology"
Type of Activity	Interaction with Industry
Target Audience	Under graduate Students
Number of Audience	250
Activity Incharge	Dr. K. B. Manwade

About the Activity: Objective of this webinar was to create awareness among student of various engineering colleges in India about new technology. This event was conducted in association with Tech Fortune Technologies, Bengaluru. The resources persons Mr. Bandenawaz Bagawan was from Tech Fortune Technologies, Bengaluru. He explain BlockChain Technology to students. Also he explained applications of BlockChain Technology in information technology.

google link for webinar - arbh... Meet - gcy-mgfs-jv

meet.google.com/gcy-mgfs-jv

Dr. K. B. Manwade is presenting

Hirasugar Institute of Technology, Nidasoshi

Department of Computer Science & Engineering

National Level Webinar

REGISTER NOW FOR FREE!
<https://forms.gle/9j0Lj0Yt6A0d>

For correspondence: Mr. A. B. Bhat
arbhata.sohit@hst.ac.in, +91 9628170337

Who can attend?
Computer Engineering UC/PG students

18th December 2020
3:00 PM

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we stand for excellence

IN ASSOCIATION WITH
TECH FORTUNE TECHNOLOGIES, BENGALURU

For more information visit Institute website: <https://hst.ac.in/>

Dr. K. B. Manwade
Coordinator

HOD CSE

S. C. Kamate
Principal

Meeting details

People (36)

Chat

11: Basavaraj Bhandare

12: Chaitra Yapalapervi

15: Ganesh Hegade

20: Riya Nidaf

21: Muzammil Patel

26: Shraddha Janamatti

31: Smita Manoli

34: Sudharani kurani

38: Varsha Pattnashetti

42: Vishakha Nesari

Dr. K. B. Man... Omkar Chevan 11: Basavaraj... 34: Sudharani... MANQJ M.S. Vyankatesh... 12: Chaitra Ya...

12 PM
12/18/2020



S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi.

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CSE Dept.

STAC

Activity Report

2020-21 (ODD)

Meeting details

People (101)

- 23_sachin wasedar
- 24 : Pradeep Kamate
- 25 pradeep R
- 26 Shradha Jananatti
- 27 : Pranav Gaddi
- 27 Shreya Diwan
- 30_shruti khot
- 31_smita Manoli
- 34.Sudharani kurani
- 36 Seema Tupadali

Agenda

knowledge sharing

- ▶ What is Blockchain?
- ▶ How It is Started
- ▶ How Blockchain Works
- ▶ How to Mine?
- ▶ Private vs Public Blockchains
- ▶ Cryptocurrencies
- ▶ Blockchain Use Cases

Meeting de... ^

Bandenawaz Bagwan is presenting

Meeting controls: Mute, Video, Chat, Raise hand, Turn on captions, Bandenawaz Bagwan is presenting

3:16 PM 12/15/2020

Sr. No.	Objective of the Activity	Relevance to POs
1	To create awareness among students about new technology in IT sector. Also, to inform students about use, scope and job opportunities in industry in Blockchain technology. To motivates students to get knowledge and skill of new technology.	PO5, PO12

Prof. S. V. Manjaragi
HOD
Computer Science & Engg.
HIT, Nidasoshi.

Daily Attendance Legend: -

- ✓ The student was present then exited, rejoined, then exited again, and rejoined again, etc., etc.

The alternating background patterns indicate that the student may have left and rejoined the Meet

✓ The student was marked present by the teacher (but did not shown up in the Meet window)

The student missed the entire class

To help your eye follow across the page, the table rows alternate between white and grey backgrounds which leads to two subtly different shades of green for the times when the student was present


NB - If you want a printed copy of this report, make sure that the 'More settings' → 'Background graphics' checkbox is checked in the Print dialog

Generated by the Google Meet Attendance extension (v1.2.9)

Daily Attendance Report for Class List: 2020-12-18


Class Name: Class List Meet ID: gcy-mgfs-jiv Date: 2020-12-18 ✓ Earliest Arrivals: 14:26 Start: 14:26 End: 16:05 Duration: 99 min

93 Names (0 Absent) ☆	14:25	14:26	14:30	14:35	14:40	14:45	14:50	14:55	15:00	15:05	15:10	15:15	15:20	15:25	15:30	15:35	15:40	15:45	15:50
? 01 Aishwarya Gundoli																			
? 01: Ashwini Maled																			
? 02 Amogh Desai																			
? 05 : Akhilesh Hallolli																			
? 06 Geetanjali Patil																			
? 10: Bandavva Satigoudar																			
? 10 kashim Jakati																			
? 11: Basavaraj Bhandare																			
? 12 Chaitra Yapalaparvi																			
? 14 Pooja Bangi																			
? 15 : Ganesh Hegade																			
? 2. Rohit																			
? 20-Mithila Sutar																			
? 20_rivaj Nadaf																			
? 21 Roopali Panake																			
? 21-Muzammil Patel																			
? 23_sachin Wasedar																			
? 26.Shraddha Janamatti																			
? 27 : Pranav Gaddi																			
? 30_shruti Khot																			
? 34.Sudharani Kurani																			
? 36:Seema Tugadalli																			
? 37 : Nihal Shaikh																			
? 38 Varsha Pattanashetti																			
? 38:Sharanu Chalikar																			
? 42 Vishakha Nesari																			
? 43 Sneha Patil																			
? 44 : Soumya Dhadda																			
? 45:Supriya Sindhur																			
? 46 - Vaibhavi Desai																			
? Anjali Jarag																			
? Archana J																			
? Bandenawaz Bagwan																			
? Basavaraj Patil																			
? Bhagashri Patil																			
? Chandrashekar Janti																			
? Dr. K. B. Manwade																			
? Ekta Mohite																			
? Kiran Thorat																			
? Kruthika S																			
? Kshitij Bhoite																			
? Lakshmi Aralimatti																			
? Mahesh Mahesh																			
? Mahesh Patil																			
? Manjula Kumari D																			
? Manjunatha V Ambore																			
? Manoj M.S																			
? Manoj Sunagar																			
? Mayuri Patil																			
? Mrunal Mhetras																			


	<p align="center">S.J.P.N.Trust's Hirasugar Institute of Technology, Nidasoshi <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME. Recognized Under Section 2(f) of UGC Act, 1956.</p>	ECE Dept.
		Activities List
		2020-21

Activities List for the Academic Year 2020-21

S.No.	Name of the Event	Resource Person	Event Coordinators	Date
01	Webinar on "Education in Abroad"	Ms. Benazir Shaikh, Director, Transcend Institute of Foreign Services, Belagavi.	Prof. S. S. Patil	06/07/2020
02	Webinar on "Art of Success for Civil Services"	Mr. Jojo Mathew, Founder Executive Director & CEO, ALS, Delhi	Prof. S. S. Patil	11/07/2020
03	Three days Online National Level FDP on "Advanced Research Trends in Image Processing"	1. Dr. Maheshkumar H. Kolekar, Associate Professor, IIT, Patna 2. Dr. Lakshman Mahto, Assistant Professor, IIIT, Dharwad 3. Dr. Shyam Lal, Assistant Professor, NITK, Surathkal 4. Dr. Yogesh B. Shelke, Assistant Manager, ARANCA, Mumbai 5. Dr. Shashidhar G. Koolagudi, Associate Professor, NITK, Surathkal 6. Dr. Chinmay Chakraborty, Assistant Professor, BIT, Mesra	Prof. D. B. Madihalli Prof. S. S. Ittannavar Prof. B. P.Khot	14-07-2020 to 16-07-2020
04	Five Days Online STTP on "Exploring Pointers in C"	1. Dr. S. S. Navalgund, SDMCET, Dharwad 2. Prof. S. K. Shirakol, SDMCET, Dharwad 3. Prof. K. E. Marali, SDMCET, Dharwad	Prof. S. B. Akkole Prof. P. V. Patil	16-07-2020 to 20-07-2020
05	Webinar on "H1B, COVID your American Education Dream"	Ms. Shabnam Banu, National Admissions Manager, Manya Education, Bengaluru	Prof. D. B. Madihalli	22/07/2020

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			Activities List
			2020-21

06	Webinar on "Mental Health Management"	Mrs. Angeli Pandit, Counsellor, Mind Funda, Belagavi	Prof. B. P. Khot	28/07/2020
07	Webinar on "CAT Exam & Career in Management"	Mr. Cherian Thomas, Chief Mentor, IMS, Karnataka	Prof. D. B. Madihalli	05/08/2020
08	Webinar on "Applying Vedic Wisdom for Professional Success"	Dr. P. R. Mukund, Professor, Rochester Institute of Technology, USA	Prof. S. B. Akkole Prof. S. S. Ittannavar	12/08/2020
09	Webinar on "Career as Officer in Indian Armed Forces"	Lt. Col. Dr. N. S. Rao, Ex Assessor-SSB, Hyderabad	Prof. M. M. Gadag	15/08/2020
10	Webinar on "Mastering Virtual Interviews & Getting First Job"	Mr. Vinod Prabhu, Seventh Sense Solutions, Bengaluru	Prof. D. M. Kumbhar	28/08/2020
11	Webinar on "Professional Communication Skills"	Mr. B. Jaiprakash Rau, IRS, Hyderabad	Prof. S. S. Kamate	02/09/2020
12	Webinar on "Ethics in Engineering"	Mr. B. Jaiprakash Rau, IRS, Hyderabad	Prof. S. S. Kamate	09/09/2020


 for **HOD**
 Electronics & Commn. Engg. Dept.
 HSIT NIDASOSHI



S J P N TRUST'S
**HIRASUGAR INSTITUTE OF TECHNOLOGY,
NIDASOSHI**

INCULCATING VALUES. PROMOTING PROSPERITY

APPROVED BY AICTE, RECOGNIZED BY GOVT. OF KARNATAKA AND AFFILIATED TO VTU BELAGAVI.

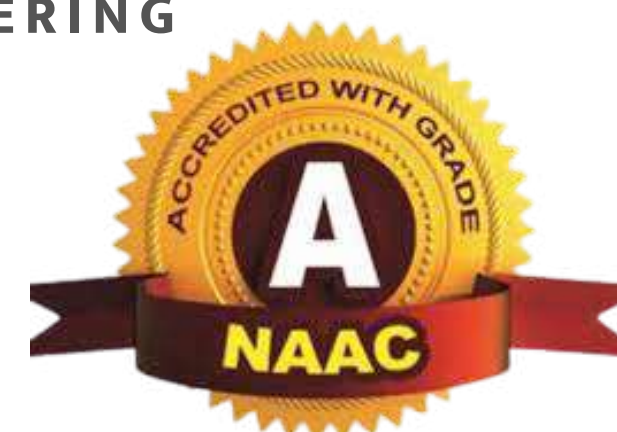
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PROGRAMMES ACCREDITED BY NBA: CSE, ECE, EEE & ME

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



ORGANIZED

NATIONAL WEBINAR
ON



**MASTERING VIRTUAL INTERVIEWS
AND GETTING FIRST JOB**



ON 28TH AUGUST 2020 AT 11 A.M. ON GOOGLE MEET

REGISTRATION LINK:




Resource Person: Vinod Probhu B
Managing Director,
Seventh Sense Talent Solutions, Bengaluru

Prof. D. M. Kumbhar
Event coordinator
M: 73535 45488

Dr. Ravi M. Yadahalli
HOD E&CE

Dr. S. C. Kamate
Principal

	<p align="center">S J P N Trust's Hirasugar Institute of Technology, Nidasoshi <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME.</p>	ECE Dept.
		Activity Report
		Webinar 4.0
		2019-20(Even)

Date of Activity held and Time:	28/ 08 / 2020 11.00am- 12.00pm
Name of Activity:	Webinar on “Mastering Virtual Interviews & Getting First Job”
Type of Activity: (cultural/curricular/co-curricular)	Co-curricular
Resource Person/Invitee:	Mr. Vinod Prabhu
Professional Details of Resource Person:	Seventh Sense Talent Solutions, Bengaluru.
Year / Class:	Open for all students and Faculties
No. of Participants:	161
Activity In charge:	Prof. D. M. Kumbhar

Description of Activity: Webinar on “Mastering Virtual Interviews & Getting First Job” was arranged on 28/08/2020. The webinar was arranged by Department of Electronics and Communication Engineering in association with Electronics and Communication Staff And Student Association (ECSA) Nidasoshi. Resource person for the webinar was Mr. Vinod Prabhu, Seventh Sense Talent Solutions, Bengaluru. In this webinar he told some tricks to the participants about how to face virtual Interviews.

He demonstrated how to face interview with practical examples and highlighted on varies interview evolution parameters. He also highlighted on resume writing and discussed about what will be probable HR questions & how to answer it. Finally he cleared doubts of participants.

CO No.	CO Defined	RBT Level	Relevance POs	Relevance PSOs
1	Mastering Virtual Interviews & Getting First Job.	L2	PO8, PO9, PO10, PO12	--

Event Coordinator



Prof. D. M. Kumbhar, Event Coordinator Hosting the Webinar on “Mastering Virtual Interviews & Getting First Job”



Mrs. Vinod Prabhu, Resource person, delivering webinar on “Mastering Virtual Interviews & Getting First Job”

The screenshot displays a webinar interface. On the left, a PDF document titled 'HR Interview Questions' is open, listing 18 common interview questions. On the right, a video window shows Mrs. Vinod Prabhu, the resource person, speaking. The interface also includes a sidebar with options like 'Export PDF' and 'Convert'.

Mrs. Vinod Prabhu, Resource person, discussion with participants in webinar on “Mastering Virtual Interviews & Getting First Job”

Feedback Analysis for the Webinar on "Mastering Virtual Interview & Getting First Job" organizing by ECE Department, Hirasugar Institute of Technology, Nidasoshi, Belagavi on 28/08/2020

Username	Name of the participant	WhatsApp No.	Qualification	Organization	State
sangeetaragha@gmail.com	Sangeeta Ragha	9611341475	BE	Hira sugar institute of technology nidasoshi	Karnataka
masodagepreeti@gmail.com	Preeti Masodage	8197764980	BE	Hira sugar institute of technology, Nidasoshi	Karnataka
nisargabagalkot02351@gmail.com	Nisarga S Bagalkot	8197308622	BE	Hirasugar institute of technology nidasoshi	Karnataka
jjyotishweta586@gmail.com	SWETA A JYOTI	8762121099	BE	S.G.Balekundri institute of technology belagavi	Karnataka
arpitabhajantri08@gmail.com	Arpita Bhajantri	7975490984	BE student	Hirasugar institute of technology nidasoshi	Karnataka
suntheavinash.as@gmail.com	Avinash Sunthe	7676260771	BE 3rd year ECE	Hirasugar institute of technology nidasoshi	Karnataka
prajaktamaradi059@gmail.com	Prajakta maradi	8618071738	B. E 3rd year	Hirasugar Institute of technology	Karnataka
madumatih123@gmail.com	Madhumati S Haval	7022429581	B.E	HIRASUGAR INSTITUTE OF TECHNOLOGY	KARNATAKA
omkarsapkal0011@gmail.com	Omkar Shivaji Sapkal	7798609396	2nd year electric	S.B.Patil college of engineering Indapur	Maharashtra
khanaisahana5@gmail.com	SAHANA KHANAI	9353048023	Computer scienc	Jain college of engineering and research Belagavi	Karnataka
psanath1@gmail.com	P Sanath	9440774523	BE	SDMCET	Karnataka
abhishekherage10@gmail.com	Abhishek Ashok Herage	9916049974	Student	Hirasugar Institute of Technology	Karnataka
halyaljayaanu@gmail.com	Anusha Malleshapp Halyal	7090306410	B.E	Elections and communication engineering	Karnatak
Naveenpbadiger9148@gmail.com	Naveen Prakash Badiger	9880409712	BE ECE	Jain college of Engineering, Belagavi	Karnataka
aayushi.17.beec@acharya.ac.in	Aayushi Sharan	7259072550	Pursuing BE	Acharya institute of technology	Karnataka
chinnabalu2001@gmail.com	M Chinna Balanjineyulu	9182352807	BE	Hexaware technologies	Andhra Pradesh
vinayaktomar2975@gmail.com	VINAYAK TOMAR	9871759161	BTECH	JSS ACADEMY OF TECHNICAL EDUCATION	Punjab
anitamareppanavar@gmail.com	Anita Mareppanavar	8970474518	BE	Jain college of engineering belagavi	Karnataka
kamarajuco@gmail.com	THEJASWINI.K	8762206242	III BE ECE	Student	Karnataka
sshubhranshu051@gmail.com	Shubhranshu singh	8173887770	B tech	Jss	Up
14shubhamsingh98@gmail.com	Shubham Singh	8528013086	B.Tech	JSS Academy of Technical Education, Noida	Uttar Pradesh
pavitraranjanagi@gmail.com	Pavitra S Ranjanagi	9686584456	BE	Hirasugar institute of technology nidasoshi	Karnataka
raghuramb.17.beec@acharya.ac.in	Raghuram B	9108958778	b.tech 4th year	acharya institute of technology	karnataka
manasasurabhi185@gmail.com	manasa b	8105541762	Student	none	Karnataka
mukeshramu1997@gmail.com	Mukesh Ramu Jadhav	9591693419	BE	Jain College Of Engineering,Belagavi	Karnataka
mailmax555@gmail.com	Meghana Achar	9481034449	MSc Electronics	(Bangalore university	Karnataka
harshyadav9199@gmail.com	Harsh yadav	9411823993	Btech ECE 4th ye	Jss academy of technical education, Noida	Uttar Pradesh
deepuuramanatti@gmail.com	Deepu Uramanatti	8073422877	PU	N	Karnataka
priyakadacol342001@gmail.com	Priya kadakol	7600877884	BE 2nd year	Hirasugar Institute of Technology	Karnataka
sainiabhishek060@gmail.com	Abhishek Saini	7678443815	12th(pursuing B	JSSATEN	Uttar Pradesh



Trust's

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Programmes**

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Recognized under Section 2(f) of UGC Act, 1956

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

Arpita Bhajantri

has successfully attended webinar on " Mastering Virtual interviews and Getting First Job" on Date 28.08.2020 organized by Department of Electronics and Communication Engineering Department in association with ECSA.

Padhehali

**DR. RAVI M.
YADAHALLI
Professor & HOD**

OK

**DR. S. C.
KAMATE
Principal**



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

List of Activities conducted during the Academic Year 2020-21

Sl. No.	Activity	Date of Conduction	Resource Persons/Chief Guests/Jury Members	Activity Incharge/ Coordinators	Duration	No. of Participants
1.	Seminar on "Intellectual Property Rights and Patent Filing"	10/10/2020	Shri. Ramachandra Kulkarni, IPR Consultant, TCS, Bangalore	Prof. H. R. Zinage Prof. O. B. Heddurshetti	11am to 1pm	26
2.	"AICTE Sponsored STTP-1 on Battery Management and Control Techniques in EVs"	23/11/2020 to 28/11/2020	Resource persons from IITs, NITs and reputed Institutions all over India	Dr. B. V. Madiggond Prof. M. P. Yanagimath Prof. S. G. Huddar	01 Week	67
3	"AICTE Sponsored STTP-2 on Battery Management and Control Techniques in EVs"	07/12/2020 to 12/12/2020	Resource persons from IITs, NITs and reputed Institutions all over India	Dr. B. V. Madiggond Prof. H. R. Zinage Prof. K. B. Negalur	01 Week	66
4	"AICTE Sponsored STTP-3 on Battery Management and Control Techniques in EVs"	14/12/2020 to 19/12/2020	Resource persons from IITs, NITs and reputed Institutions all over India	Dr. B. V. Madiggond Prof. O. B. Heddurshetti Prof. A. U. Neshti	01 Week	73
5	Rally for Awareness Program on "Energy Conservation" on the occasion of National Energy Conservation Week-2020-21	23/12/2020	1. Shri Shivalingeshwar Maha Swamiji, Shri Math, Nidasoshi 2. Dr. S. C. Kamate, Principal, HIT, Nidasoshi 3. Shri. Basavaraj V. Pujer, AEE, KPTCL, Chikodi	Prof. S. D. Hirekodi	9.30am to 11.30am	280
6	Awareness Program on "Energy Conservation" on the occasion of National Energy Conservation Week.	23/12/2020	1. Shri Shivalingeshwar MahaSwamiji, Shri Math, Nidasoshi. 2. Shri. Basavaraj V. Pujer, AEE, KPTCL, Chikodi	Prof. S. D. Hirekodi	11:45am to 1.30pm	250



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EEE Dept.

EESSA

Activity List

2020-21

Sl. No.	Activity	Date of Conduction	Resource Persons/Chief Guests/Jury Members	Activity Incharge/ Coordinators	Duration	No. of Participants
7	Poster Presentation	09/01/2021	1.Prof. M. S. Futane, Asst. Prof., Department of ME, HSIT, Nidasoshi 2. Prof. S. D. Hirekodi, Asst. Prof, Department of EEE, HSIT, Nidasoshi	Prof. H. R. Zinage Prof. O. B. Heddurshetti	10am to 1pm	29
8	Yoga for mental Peace	12/02/2021	Mr. Kartik Magadum, Certified Yoga Instructor	Prof. H. R. Zinage Prof. O. B. Heddurshetti	11am to 1pm	50
9	Webinar on Solar Power Inverter	12/06/2021	Pantech E-learning Solutions Pvt. Ltd, Bangalore	Prof. H. R. Zinage Prof. O. B. Heddurshetti	2.30 pm to 3.30pm	150

H. R. Zinage
EESSA Coordinators

B. V. Madiggond
12/10/21
HOD
Dr. B. V. Madiggond
Prof. & Head BE,ME,Ph.D
Dept. of Electrical & Electronics Engg
HIT NIDASOSHI-591 236



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

Date of Activity held	23/12/2020
Time	11:00am to 1pm
Type of Activity (curricular/co- curricular/extra curricular)	Awareness Program on "Energy Conservation and Energy Efficiency".
Guest:	1. Shri. Basavraj. V. Pujeri, AEE, KPTCL, Chikodi. 2. Dr. S.C. Kamate, Principal, HSIT, Nidasoshi.
Audience:	For the people of Nidasoshi Village and Staff and Students of SJPN Trust's HSIT, BCA college, PUC and Polytechnic, Nidasoshi.
No. of participants:	250
Activity In charge:	Prof. S.D.Hirekodi .

Description of Activity:

The department of Electrical & Electronics Engineering, HSIT, Nidasoshi organized the event "Awareness Program on Energy Conservation and Energy Efficiency" on 23/12/2020 for community, staff, students and nearby villagers, under the benign presence of Shri Shivlingeshwar Maha Swamiji at Shri Duradundeshwar Sidda Samsthan Math, Nidasoshi. The convener of the program Dr. Basavraj Madiggond has highlighted with facts and figures about adverse effect of use of fossil fuels on environment and briefed about some preventive measures. The chief guest of the function, Shri Basavraj Pujer delivered a talk on "Importance of Energy conservation and Energy efficiency " and discussed some government schemes and code of practices followed for Energy conservation and Energy efficiency in electrical power distribution systems. The president of the function Dr. S.C. Kamate, encouraged audience to use energy efficient lighting and other home appliances for energy conservation and Energy efficiency. Shri Shivlingeshwar Maha Swamiji of Shri Duradundeshwar Sidda Samsthan Math, Nidasoshi addressed the gathering to conserve energy for reducing the environment pollution problems. Nearly 250 people attended the awareness program.



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EEE Dept.

EESSA

Activity Report

2020-21
(Odd Sem)

Activity Photographs:



Event Coordinator

HOD

Dr. B. V. Madiggond

Prof. & Head BE, ME, Ph.D.
Dept. of Electrical & Electronics Engg.
HIT NIDASOSHI-591 236



S.J.P.N. Trust's

Hirasugar Institute of Technology, Nidasoshi, Nidasoshi

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

In Association with



EESSA & Karnataka Renewable Energy Development Ltd. Poster Presentation Competition On "Energy Conservation"



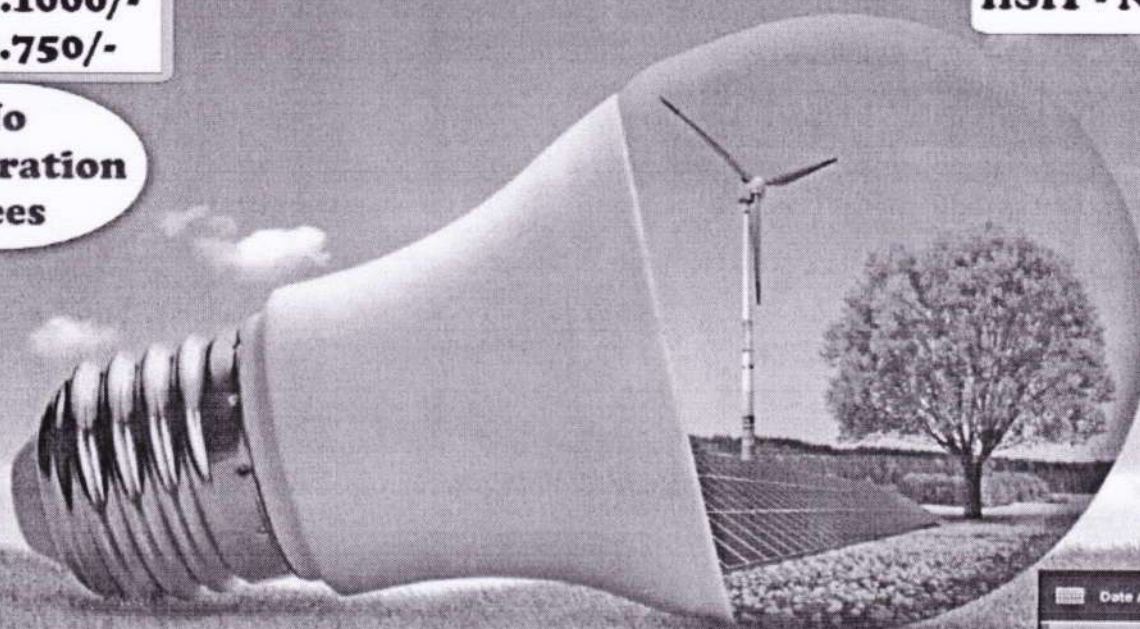
Prizes

- I - Rs.1500/-**
- II - Rs.1000/-**
- III - Rs.750/-**

**No
Registration
Fees**

Venue

**EEE Dept.,
HSIT - Nidasoshi**



Save Energy, Save Planet

Registration Link : <https://forms.gle/5KWiNjdxCyC5G1br8>

Last Date for Registration : 7th January , 2021

- 1) Team : Maximum of two students.
- 2) Time Limit : 2 Hrs.
- 3) Theme : "Energy Conservation"
- 4) Only participants will be allowed inside the Venue during competition.
- 5) Participants should be present at the venue 15 minutes prior to the start of the competition.
- 6) Poster has to be prepared on the spot.
- 7) Participants have to bring required materials.



- 8) Size of the card sheet : 36" X 24".
 - 9) No electronic gadgets are allowed inside the Venue.
 - 10) Decision of Judges will be final and binding.
- JUDGEMENT WILL BE BASED ON FOLLOWING POINTS.**
- 1) Relevance to theme (10 Marks)
 - 2) Appearance (20 Marks)
 - 3) Space utilization (10 Marks)
 - 4) Presentation of work (10 Marks)

Shri. S. D. Hirekodi
Smt. H. R. Zinage
Shri. O. B. Heddurshetti
Coordinators

Dr. B. V. Madiggond
Convener

Dr. S. C. Kamate
Principal



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Mech.Engg.Dept.

AIMSS

Notice

AY:2020-21

Notice/Circular

From:

Dr. S.C. Kamate,

Principal,

Hirasugar Institute of Technology, Nidasoshi

An invited talk on “**startups in Rural Development**” has been organized tomorrow @9.00am in mechanical engineering seminar hall all teaching staff, instructors and office staff are informed to attend without fail.

Principal NB. The first hr class is suspended.

This notice/circular sent through Whatsapp Group “**HSIT-STAFF**” on 26th November 2020.

AIMSS Chief Coordinator

(Prof. D. N. Inamdar)

AIMSS Coordinator

Prof. M. M. Shivashimpi)

**Mechanical Engg.
HIT, Nidasoshi**

HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI-591236
STAFF LIST

MECHANICAL ENGG. DEPT

S.N.	Name of the staff	Designation	Sign.
1	Dr. S.C. Kamate	Principal	
2	Dr. S.N. Topannavar	HOD/Asso.Prof.	
3	Dr. K.M. Akkoli	Asst. Prof.	
4	Sri. D.N. Inamdar	Asst. Prof.	
5	Sri. M. S. Futane	Asst. Prof.	
6	Sri. S.A Goudadi	Asst. Prof.	
7	Sri. M.M. Shivashimpi	Asst. Prof.	
8	Sri. M. A. Hipparagi	Asst. Prof.	
9	Sri. M.I.Tanodi	Asst. Prof.	
10	Sri. B.M. Dodamani	Asst. Prof.	

ELECTRONICS & COMMN. ENGG. DEPT

S.N.	Name of the staff	Designation	Sign.
1	Dr. R.R. Maggavi	Asso. Prof.	
2	Sri. M. M. Gadag	Asst.Prof.	
3	Sri. S. B. Akkole	HOD/ AP	
4	Smt. S. S. Malaj	Asst.Prof.	
5	Smt. S. S. Kamate	Asst. Prof.	
6	Sri. D.M. Kumbar	Asst.Prof.	
7	Sri. S. S. Patil	Asst.Prof.	
8	Sri. D. B. Madihalli	Asst.Prof.	
9	Sri. P. V. Patil	Asst.Prof.	
10	Sri. S. S. Itannavar	Asst.Prof.	
11	Smt. B.P. Khot	Asst.Prof.	

ELECTRICAL & ELECTRONICS ENGG.DEPT

S.N.	Name of the staff	Designation	Sign.
1	Dr. B.V. Madiggond	Prof. /HOD	
2	Sri. V.B. Dhere	Asst. Prof.	
3	Sri S. D. Hirekodi	Asst. Prof.	
4	Smt. H.R. Zinage	Asst. Prof.	
5	Sri M.P. Yanagimath	Asst. Prof.	
6	Sri. O. B. Heddurshetti	Asst. Prof.	
7	Sri. A.U. Neshti	Asst. Prof.	
8	Sri. P. M. Murari	Asst. Prof.	
9	Sri. S. S. Birade	Asst. Prof.	
10	Sri. K.B. Negalur	Asst. Prof.	
11	Smt. S. G. Huddar	Asst. Prof.	

COMPUTER SCIENCE ENGG. DEPT

S.N.	Name of the staff	Designation	Sign.
1	Dr. K.B.Manawade	Asso. Prof.	
2	Sri. S. G. Gollagi	Asst. Prof.	
3	Sri S. V. Manjaragi	AP /HOD	
4	Sri. N.K. Honnagoudar	Asst. Prof.	
5	Sri. R. R. Patil	Asst. Prof.	
6	Sri. N.M. Patel	Asst.Prof.	
7	Smt. A.A. Daptardar	Asst. Prof.	
8	Sri C. R. Belavi	Asst. Prof.	
9	Sri. M.G. Huddar	Asst. Prof.	
10	Sri. M.A. Chitale	Asst. Prof.	
11	Sri. M. A. Gholap	Asst. Prof.	

APPLIED SCIENCE DEPT.

S.N.	Name of the staff	Designation	Sign.
1	Dr. M. S. Hanagadakar	Asso. Prof.	
2	Sri. V M Bhumannavar	Asst. Prof.	
3	Sri. S.L. Patil	Asst. Prof.	
4	Sri. S.A. Patil	Asst. Prof.	
5	Sri. S.S. Thabaj	Asst. Prof.	
6	Mr. S. I. Shivamoggimath	Asst. Prof.	
7	Sri. M.M. Nagarmunnoli	Asst. Prof.	
8	Sri. S.J. walki	Asst. Prof.	

HOD
Mechanical Engg.
HIT, Nidasoshi

Asst.Prog. / Foremen & Instructor

S.N.	Name of the staff	Designation	Sign.
1	Sri. A.K.Badakar	Asst.Prog.	
2	Sri. V. G. Badiger	Foreman	
3	Sri. A.B. Sankeshwari	Foreman	
4	Sri. P. S. Desai	Foreman	
5	Sri R. M. Hunchayali	Instructor	
6	Sri. R. B. Kumbar	Instructor	
7	Sri. S. C. Jotawar	Instructor	
8	Sri. V. V. Guruwadeyar	Instructor	
9	Smt. S.S.Kankanwadi	Sr. Lab. Supr.	
10	Sri. R. S. Bardol	Instructor	
11	Sri. G.B. Doddagoudar	Instructor	
12	Sri. M. S. Byali	Asst. Inst.	
13	Sri M B Badiger	Instructor	
14	Sri. S.R. Nakadi	Instructor	
15	Sri. A R Bhiste	Instructor	
16	Sri. S.B Beelur	Instructor	
17	Sri. M. A. Attar	Instructor	
18	Sri. M. S. Kurani	Instructor	
19	Sri. V. M Mutalik	Instructor	
20	Sri. S.S. Patil	Instructor	
21	Sri. C. A. Jodatti	Asst. Inst.	

Office staff

S.N.	Name of the staff	Designation	Sign.
1	Sri S.R. Koteppagol	O.S (admn)	
2	Sri. V. S. Hiremath	OS (acad)	
3	Sri S. S. Dhange	Accountant	
4	Sri S.B. Chougala	FDA	
5	Sri T. B. Patil	FDA	
6	Sri. D. G. Kulkarni	FDA	
7	Sri. V. K. Badakar	Typist	
8	Sri. M.B. Patil	FDA	
9	Sri. S.M. Kamate	SDA	
10	Sri. B. S. Khandugol	FDA	
11	Miss. Anita Kamanuri	Suptd. G H	

Mechanic

SN	Name of the staff	Designation	Sign.
1	Sri A. A. Patil	Mechanic	
2	Sri D. R. Badiger	Mechanic	
3	Sri A.B.Bennoli	Mechanic	
4	Sri C. B. Patil	Mechanic	
5	Sri S. N. Birangaddi	Electrician	
6	Sri. B.S. Sooji	Electrician	
7	Sri. S.K. Jakati	Electrician	
8	Sri. M.J. Patil	Welder	

Library & Sports Dept.

S.N.	Name of the staff	Designation	Sign.
1	Sri. G. S. Solabannavar	Librarian	
2	Sri P. K. Mugali	Asst. Lib.	
3	Sri C. R. Ramane	Asst. Lib.	
4	Sri D. K. Bagi	Asst. Lib.	
5	Sri. S. B. Sarawadi	Phy. Dir	

Auto Dept

S.N.	Name of the staff	Designation	Sign.
1	Sri. D. M. Madihalli	Driver	
2	Sri. M.S. Padmannavar	Driver	
3	Sri. S. B. Shinde	Mechanic	

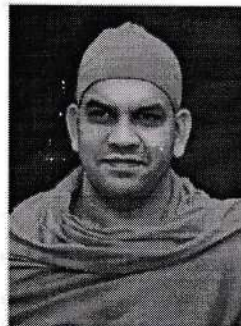
Helper/Peon & other staff

S.N.	Name of the staff	Designation	Sign.
1	Sri R. G. Shivannavar	Helper	
2	Sri N. D. Achari	Helper	
3	Sri B. T. Koli	Helper	
4	Sri A. S. Kankanwadi	Helper	
5	Sri B. D. Gurav	Helper	
6	Sri M. S. Kadalagi	Helper	
7	Sri G. M. Hirekodi	Helper	
8	Sri C. S. Sooji	Helper	
9	Sri. K. M. Kankanwadi	Helper	
10	Sri. M.S. Doddamani	Helper	
11	Sri. M. B. Sankapal	Helper	
12	Sri. S. S. Jodahatti	Helper	
13	Sri. S. S. Chougala	Helper	
14	Sri. S. B. Khot	Helper	
15	Sri. A. S. Jadhav	Helper	
16	Sri. S. D. Kalai	Helper	
17	Sri. Vittal Kumbar	Helper	
18	Sri. S. S. Karishetti	Helper	
19	Sri D. B. Kamate	Attender	
20	Sri. V. T. Yaduri	Peon	
21	Sri. P. S. Pimpalgavi	Peon	
22	Sri I. B. Madyali	Peon	
23	Sri A. D. Kumbar	Peon	
24	Sri A. K. Huddar	Peon	
25	Sri G. S. Tolake	Peon	
26	Sri S. M. Badakar	Peon	
27	Sri. N. M. Wani	Peon	
28	Sri A. R. Goudadi	Peon	
29	Sri V.N. Biskop	Peon	
30	Sri K.A. Hadimani	Peon	
31	Sri G. D. Basapuri	Mali	
32	Sri R. S. Kagi	Mali	
33	Sri Y. H. Gopal	Scavenger	
34	Sri. J.L. Ballarppu	Scavenger	
35	Smt. L.J. Ballarappu	Scavenger	
36	Sri R. S. Kapse	Watchman	
37	Sri C. A. Sangasuri	Watchman	
38	Sri M. D. Banti	Watchman	
39	Sri. R. M. Chinchani	Watchman	
40	Sri M. B. Yashwant	Watchman	
41	Sri B. M. Hunchyali	Watchman	
42	Sri. D.M. Konakeri	Mason	

HOD

Mechanical Engg.
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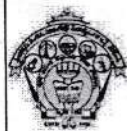
A Brief Profile



Swami Ekagamyanda

Swami Ekagamyandaji is a monk of the Ramakrishna Order. Initiated by Swami Ranganathanandaji he joined the Mangalore ashrama and is serving here for the past 12 years. He had his Sannyasa from Most Revered Swami Atmasthanandaji Maharaj in 2016. He has also worked in Ramakrishna Mission at Belgaum under Swami Purushottamanandaji for a few years. He has been instrumental in the success of various initiatives of Ramakrishna Math, Mangalore like Seminars for youths & professionals etc. His dedicated and sincere endeavours in Swacch Mangaluru for Swacch Bharath Abhiyan, a flagship initiative of the Ramakrishna Mission Mangaluru and his able guidance & leadership in steering the noble venture forward has met with tremendous success in terms of active public participation and has drawn volunteers in huge numbers.

Address:
Swami Ekagamyanda
Ramakrishna Mission
Mangaladevi, Mangaluru 575001
Email: ekagamyanda@rkmm.org
Contact -9448353162 08242414412



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Mech. Engg. Dept

Activities

Feedback

2020-21 (Odd)

FEEDBACK

Title of the Activity: **Startups in Rural Development**

Gap No.:
18,44,47

POs (Weightage 1/2/3):
PO6 =2, PO7=3, PO8 = 03

PSOs (Weightage 1/2/3): PSO2 =2

Date/Duration: 27-11-2020

Venue: Mechanical Seminar Hall

Note: Solicit your response in numeric (10 points:Excellent-0 point: Not Good)

S.No.	Parameter	Numeric Response (0-10)
1	Inclusive of Relevancy/National Interest in the Activity/trained content	10
2	Applicable/Helpful to build and lead the better career after the graduation	09
3	Rate the resource person/s/Competency in the activity/event	10
4	Your development/+ve change during the activity/event	10
5	Overall motivation and inspiration received during the activity period	10
Total points		49

Write your comments on activity/event organization (All Arrangements such as Hospitality, Logistics, and Hall etc.):

Signature of the Participant

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Impact Analysis and PO & PSO Attainment

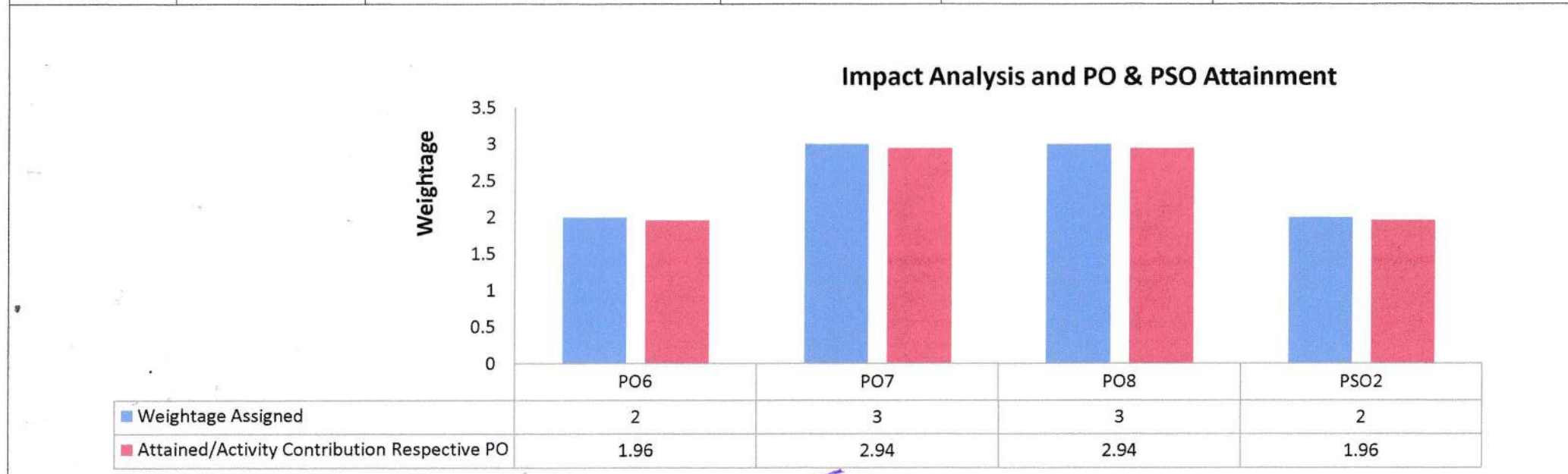
Activity Name: Awareness program on Startups in Rural Developments

No. of Respondents (N):16

Grand Total Points given by all respondents (T):784

Impact Coefficient (IC=0-1): Here, $IC = T / (N * 50) = 784 / (16 * 50) = 0.98$

Mapped PO/s	Weightage Assigned (1/2/3)	PO Attained/Activity Contribution to the respective PO (IC*Weightage Assigned)	Mapped PSO/s	Weightage Assigned (1/2/3)	PO Attained/Activity Contribution to the respective PSO (IC*Weightage Assigned)
PO6	2	1.96	PSO2	2	1.96
PO7	3	2.94			
PO8	3	2.94			





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Activities

Impact Analysis on Feedback

AY:2020-21

Justification:

1. Justification for Mapping of POs & PSOs

Mapped POs/ PSOs	Weightage	Justification
PO6	2	This activity moderately consequent responsibilities relevant to the professional engineering practice used in starts ups in rural development.
PO7	3	This activity addresses substantially the consideration of engineering practice in the context of environmental issues and its suitable development.
PO8	3	This activity addresses substantially the importance of professional ethics required for starts ups in rural development.
PSO2	2	This activity addresses moderately usage of mechanical devices in concerning to starts ups in rural development.

- The activity mapped with PO6, PO7 & PO8 was found satisfactory with attainment level of 1.96, 2.94 & 2.94 against the Mapped values during the impact analysis
- The activity mapped with PSO2 was found satisfactory with attainment level of 1.96 against the Mapped value during the impact analysis.

Conclusion: The activity organized to fulfill the program outcomes Engineer and Society, Environment and sustainability and ethics and PSO2 has mitigated the gap identified satisfactorily to some extent.

Future Suggestions: This activity can be extended through Mini-projects by identifying the rural Problems through students.

Mr. Vivekananda Kambi
AIMSS Secretary

Prof.M.M.Shivashimpi & Prof.D.N.Inamdar
AIMSS-Coordinator/s

Dr.S.N.Topannavar

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HIT, Nidasoshi

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2.3.1

Problem solving



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Unnat Bharat Abhiyan
(UBA)

Village & Household
Survey

AY:2020-21

Unnat Bharat Abhiyan (UBA)-Village and Baseline Household Survey

(Ref: Volunteer Participation through Google form, Awareness Program and constituted STT)

With reference to the above Survey Teams for 5 adopted villages have been constituted to complete UBA-Village Survey and UBA-Baseline Household Survey.

List of Staff Members for the village Nidasoshi

S.N.	Name	Designation	Department	Mobile Number	Signature
1	Mahantesh Tanodi	Assistant Professor & Convenor	ME	9611998812	
2	S.I.Itannavar	Assistant Professor & Convenor	ECE	9964299498	
3	Rajendra S Bardol	Instructor & Convenor	EEE	8277010328	
4	Maheshwar A Hipparagi	Assistant Professor	ME	7411507405	
5	Sujata Huddar	Assistant Professor	EEE	9742066852	
6	M.M.Shivashimpi	Assistant professor	ME	9742197173	
7	Mohan Futane	Assistant Professor	ME	9164105035	
8	Sunita Malaj	Assistant Professor	ECE	8073529095	
9	Manjunath S Hanagadakar	Associate Professor	1st Year	8310768223	
10	Ravindra Patil	Assistant Professor	CSE	9845455422	
11	Keshav Negalur	Assistant professor	EE	7619165884	
12	Shivanand Hirekodi	Assistant Professor	EEE	8073543248	
13	K.B. Manwade	Associate professor	CSE	8412968254	
14	Amit Nesti	Assistant Professor	EEE	9606703174	
15	Pratima Khot	Assistant Professor	ECE	9964019501	
16	Mohan A. Gholap	Assistant Professor	CSE	8660535525	
17	Aruna Anil Daptardar	Assistant Professor	CSE	9620851002	
18	Annappa R Bhiste	Instructor	CSE	9538170337	
19	Anand K Badakar	Assistant Programmer	CSE	9980283608	
20	Manojkumar Chitale	Assistant professor	CSE	9480787474	
21	N.K.Honnagoudar	Assistant Professor	CSE	9449495302	

List of Staff Members for the village Ammanagi

S.N.	Name	Designation	Department	Mobile Number	Signature
1	K. M. Akkoli	Associate Professor & Convener	ME	9739114856	
2	Shivanand V Manjaragi	Assistant Professor & Convener	CSE	9986658309	
3	V.G.Badiger	Forman & Convener	ME	9739114857	
4	G.B.Dodagoudar	Instructor & Convener	1st Year	9886361216	
5	Darshan N Inamdar	Assistant professor	ME	9591208980	
6	Nyamatulla M Patel	T & P Officer	CSE	9739619661	
7	Virupakshi M Bhumannavar	Assistant Professor	1st Year	9448526988	
8	Chandrakant R Belavi	Assistant Professor	CSE	7829241219	

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**Village & Household
Survey**

AY:2020-21

9	Mahesh Huddar	Assistant Professor	CSE	7411043272	
10	Mahesh Yenagimath	Assistant Professor	EEE	9341449466	

List of Staff Members for the village Borgal

S.N.	Name	Designation	Department	Mobile Number	Signature
1	S.A.Goudadi	Assistant Professor & Convener	ME	9448876682	
2	M.G.Huddar	Assistant Professor & Convener	CSE	7411043272	
3	Pramod Desai	Forman & Convener	ECE	9620024724	
4	Chetan Jodatti	Instructor	T & P	9535421165	
5.	H-R. Zinage	Asst. Prof	EEE	8073512609	

List of Staff Members for the village Hattarwat

S.N.	Name	Designation	Department	Mobile Number	Signature
1	S.B.Sarwadi	Physical Director & Convener	Sports	9739109383	
2	Ashok Bennoli	Instructor & Convener	CSE	7829847451	

List of Staff Members for the village Kesti

S.N.	Name	Designation	Department	Mobile Number	Signature
1	D. B. Madihalli	Assistant Professor & Convener	ECE	9902854324	
2	G.S.Solabannavar	Librarian & Convener	Other	7204183589	
3	Pramod Murari	Assistant Professor	EEE	9739733021	
4	Sujata S. Kamate	Assistant Professor	ECE	9008696825	
5	Dattatray M Kumbhar	Assistant professor	ECE	7353545488	
6.	O.B. Heddurshetti	Asst. Prof.	EEE	9448420509	



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**Village & Household
Survey**

AY:2020-21

List of Student Volunteers for all 5 Adopted Villages

S.N.	Name	USN	Sem	Mobile	Native	Signature
1.	Mahantesh Hiremath	2HN19ME407	VI	7026797668	Ilkal	
2.	Vivekananda C Kambi	2HN18ME048	VI	7406124053	Mamadapur	
3.	Nikita M. Hattarki	2HN19EC013	IV	7558606474	Daddi	
4.	Priyanka Dattawade	2HN19EC014	IV	9972036805	Mekhali	
5.	Maruti A Magadum	2HN19EC011	IV	9986095368	Madamakkanal	
6.	Sharanabasapp M Chalikar	2HN19CS038	IV	8088505552	Bhairamadagi	
7.	Prasad Hiremath	2HN19CS027	IV	9448163822	Belgaum	
8.	Nagadarshan Kopparad	2HN19EE009	IV	7259290709	Ilkal	
9.	Sohail Yargatti	2hn17me050	VI	7996227934	Belgaum	
10.	Apoorva Magadum	2HN19EC003	IV	9632562486	Hukkeri	
11.	Divya Karigar	2HN19EC005	IV	8310452546	Sankeshwar	
12.	Aishwarya Gundoli	2HN18CS001	VIII	7259550923	Sunadholi	
13.	Suraj S Drakshe	2HN19EE012	IV	9513794305	Hirekodi	
14.	Rutuja Shetti	2HN19EC019	IV	8431728625	Raibag	
15.	Laxmi Bedage	2HN19EC010	IV	9740832840	Yadurwadi	
16.	Kallappa Ningappa Chikodi	2HN19EC009	IV	7619154326	Donwad	
17.	Nivedita L Udupudi	2HN19CS020	IV	8073723423	Gokak	
18.	Ajinkaykumar Sambhaji Bhosale	2HN18ME005	VI	6360103570	Nipani	
19.	Anupriya B Mugalkhod	2HN20CS400	IV	9148364195	Terdal	
20.	Nihal Siraj Shaikh	2HN19CS037	IV	9307937437	Miraj	
21.	Pradeep Raghannavar	2HN19CS023	IV	8431640988	Junnur	
22.	Vineet Gandoli	2HN19CS048	IV	8951612633	Gokak	
23.	Sneha S Hirekodi	2HN19CS040	IV	9606783195	Kanagala	
24.	Kartik Kumbar	2HN19CS015	IV	6364328002	Chikodi	
25.	Rohit Mali	2HN19CS030	IV	7406462547	Mangasuli	
26.	Solapure Amrut Basavaraj	2HN19CS042	IV	7620836378	Nilagi	
27.	Ashwini Maled	2HN18CS005	IV	8105762541	Lokapur	
28.	Harfa I Mujawar	2HN19CS014	IV	8105561244	Gokak	
29.	Sahana Naik	2HN19CS031	IV	9731518120	Radderahatti	
30.	Soumya Kadam	2HN19CS043	IV	9380204414	Athani,	
31.	Amruta Gudimani	2HN19CS005	IV	8722913597	Hirekodi,	
32.	Padma Borannvar	2HN19CS021	IV	8105158323	Bellad bagewadi	
33.	Akshata K M	2HN19CS004	IV	6361736284	Janawad	
34.	Keerti C Chajagoud	2HN19CS016	IV	8660163381	Karoshi	
35.	Muzammil Patel	2HN19CS019	IV	7204947143	Bijapur	
36.	Suprita Sindhur	2HN19CS045	IV	9743634531	Kakamari	
37.	Akshay Salagare	2HN19EC001	IV	7026375395	Nilaji	
38.	Ganesh Managuli	2HN19EC006	IV	8073373098	Nagarmunnoli	

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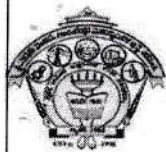
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Unnat Bharat Abhiyan
(UBA)

Village & Household
Survey

AY:2020-21

39.	Ramakrshna K. Magadum	2HN18ME031	VIII	9844519754	Kamatanur	(P.K.M.)
40.	Ramesh Manjaragi	2HN20ME403	IV	6362315826	Ammanagi	(R.M.)
41.	Hasansab S. Yaragatti	2HN18ME013	VIII	9380648988	Gokak	(H.S.)
42.	Sudharani B Kurani	2HN18CS037	VI	7676839549	Teerth	(S.K.)
43.	Ashwathraj Nerli	2HN19CS007	IV	9902535217	Chikodi	(A.N.)
44.	Seema Tugadalli	2HN19CS036	IV	9663234355	Mugalkhod	(S.T.)
45.	Pranav Gaddi	2HN19CS026	IV	8861909177	Sankeshwar	(P.G.)
46.	Sunil Sutar	2HN20CS403	IV	9535164295	Sankeshwar	(S.S.)
47.	Sneha Shitole	2HN19CS039	IV	9535554899	Borgaon	(S.S.)
48.	Swati Patil	2HN18CS039	VI	9611870374	Hukeri	(S.P.)
49.	Daneshwari J Sultanpure	2HN19CS011	IV	7899707537	Sankeshwar	(D.J.)
50.	Meenaxi Baad	2HN20CS401	IV	7090513882	Nidasoshi	(M.B.)
51.	Sneha Patil	2HN19CS400	VI	9071654955	Sankeshwar	(S.P.)
52.	Tehamim.M.Rehamanbhai	2HN19EE013	IV	8971095318	Chikodi	(T.M.)
53.	Sneha V Ganachari	2HN19CS041	IV	7996010238	Hukkeri	(S.V.)
54.	Smita Manoli	2HN18CS033	VI	8971885532	Nidasoshi	(S.M.)
55.	Vishakha Vijay Nesari	2HN18CS045	VI	7019631053	Sankeshwar	(V.V.)
56.	Rajat Naganur	2HN18EE015	VI	6361907448	Bailhongal	(R.N.)
57.	Chinna Yashawant	2HN18EE005	VI	8867487798	Borgal	(C.Y.)
58.	Shashidhar Gurav	2HN19ME010	IV	7337853480	Borgal	(S.G.)
59.	Shivaprasad Ammnagi	2HN18ME036	VI	7022403970	Nandagao (savalagi)	(S.P.)
60.	Chetan Karigar	2HN16ME017	VI	8073789383	Chikodi	(C.K.)
61.	Mahadev Rama Gulli	2HN19ME007	IV	9686755257	Bidrewadi,	(M.R.)
62.	Vimarsha Pujari	2hn20ec044	II	8217664206		(V.P.)
63.	Swati Kupati	2HN20EC041	II	7483898619	Hattargi	(S.K.)
64.	Sushmita Tanodi	2HN20EC040	II	7204944241	Nidasoshi	(S.T.)
65.	Nayana Patil	2HN20CV002	II	7411013397		(N.P.)
66.	Sneha Sadalagi	2HN20EC038	II	6360136267	Hebbal	(S.S.)
67.	Shravana Bastwadi	2HN20EC033	II	6361231755	Kochari	(S.B.)
68.	Gouri Mathapati	2HN20EC010	II	7483554619	Ammanagi	(G.M.)
69.	Sapna Naik	2HN20EC031	II	7019411717	Beniwad	(S.N.)
70.	Nilambari Arakeri	2HN20ec019	II	8904021345		(N.A.)
71.	Aishwarya Dudaganvi	2HN20ec004	II	9529879633	Vanlamuri	(A.D.)
72.	Samrudhi Kulkarni	2HN20EC029	II	9740984467	Nipani	(S.K.)
73.	Poornima Shindhe	2HN20EC023	II	7975748665	Shedbal	(P.S.)
74.	Neha Bhujagoudar	2HN20EC018	II	8951603108	Shedbal	(N.B.)
75.	Priyanka Gharagude	2HN20EC025	II	7676376867	Jainapur	(P.G.)
76.	Madhuja Khot	2HN20EC014	II	8792682039	Borgaonwadi	(M.K.)
77.	Komal Chavan	2HN20EC012	II	9741945017	Yadur	(K.C.)
78.	Saraswati Baldoal	2HN20EC032		9591492134	Gokak	(S.B.)



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Survey

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79.	Arati Bugadikatti	2HN20EC007	II	8867043539	Ingall	Arati
80.	Neelambika Govindapuramath	2HN20EC017	II	7022017720	Mudhol	Neelambika
81.	Ashwini Patil	2HN20EC008	II	8867446947	Belgavi	Ashwini
82.	Tejashri Patil	2HN20EC042	II	7975123008	Bhivashi	Tejashri
83.	Shweta Mangasole	2HN20EC036	II	8880875484	Shamanewadi	Shweta
84.	Shrutika Dhang	2HN20EC035	II	8277303726	Ugar.Kh	Shrutika
85.	Sanika Patil	2HN20EC030	II	988059561	Shiroadwad	Sanika
86.	Sneha Belagali	2HN20EC037	II	7892380575	Yadur	Sneha
87.	Shruti Magadam	2HN20EC034	II	7338240933	Kesti	Shruti
88.	Sneha Munnoli	2HN20EC039	II	9591353167	Kesti	Sneha
89.	Veena Magadam	2HN20EC043	II	7975788522	Nasalapur	Veena
90.	Jyoti Benawadi	2HN20ee007	II	9591553515	Waganur km.	Jyoti
91.	Rashmi Malagoudnavar	2HN20ee013	II	9964188688	Yallimuroli	Rashmi
92.	Saniya Choudhari	2HN20ee014	II	8073773604	Hukkeri	Saniya
93.	Swati Padipatil	2HN20EE018	II	9353981399		Swati
94.	Simran Attar	2HN20EE016	II	8147059773	Kagwad	Simran
95.	Saraswati Bolabala	2HN20EC032	II	9591492134	Gokak	Saraswati
96.	Nikita Hattaski	2HN19EC013	II	7558606474	Daddi	Nikita
97.	Sneha Sadalagi	2HN20EC038	II	6360136267	Hubhal	Sneha
98.	Shravan Bastawadi	2HN20EC033	II	6361231755	Kochari	Shravan
99.	Kallappa Chikodi	2HN19EC007	IV	7619154326	Donwad	Kallappa
100.	Maruti Magadam	2HN19EC011	IV	9986095368	Madannur km.	Maruti
101.	Ganesh Managuli	2HN19EC006	IV	8073373098	Nagarmunnoli	Ganesh
102.	Rohit Mali	2HN19CS030	IV	7406462547	Mangasole	Rohit
103.	Gouri Mathapati	2HN20EC010	II	7483554619	Ammawagi	Gouri
104.	Sushank Hawaldar	2HN18EE023		7483124693		Sushank
105.	Akhilesh Patil	2HN18EE001		9449127367		Akhilesh
106.	Ashwat Karadigudd	2HN18EE003		7760406281		Ashwat
107.	Sanjay Mannikeri	2HN18EE019		7204688187		Sanjay
108.	Sourabh Sannakki	2HN19EE403	IV	7349377508		Sourabh
109.	Shashikant Ningangoudar	2HN18EE021		9606509925		Shashikant
110.	Naeen Kumar Gokanvi	2HN19EE401	IV	8095424048		Naeen
111.	Rajat Naganur	2HN18EE015		6361907448		Rajat
112.	Nikhil Nandigon	2HN18ME020	II	6361913612	Samakhandi	Nikhil
113.	Akash B V	2HN18ME006				Akash
114.	Ganesh Managanvi					Ganesh
115.	Rohit Mali					Rohit
116.	Archana Mgulli	2HN19ME003	IV			Archana
117.	Ayesha Sayyad	2HN18ME001				Ayesha
118.	Shweta Manyare	2HN20EC036	II	8880875484	Shamnewadi	Shweta

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Village & Household
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119.	Shrutika Dhang	2HN20EC035	II	8277303726	Ugar. Kh	Shrutika
120.	Tejashri Patil	2HN20EC042	II	7975123008	Bhivashi	Tejashri
121.	Madhuja Khot	2HN20EC014	II	8792682039	Borgaonwadi	Madhuja
122.	Sneha Belagali	2HN20EC037	II	7892380575	Yadara	Sneha
123.	Sanika Munnoli	2HN20EC030	II	9880594561	Shindawad	Sanika
124.	Sneha Munnoli	2HN20EC039	II	9591353167	Kesti	Sneha
125.	Shruti Magadum	2HN20EC034	II	7338240933	Kesti	Shruti
126.	Nikhil Shettannavar	2HN18ME021	VII	7996168131	Chikodi	Nikhil

The above staff And student volunteers are requested to conduct & complete House-hold & Village Surveys 1st and 2nd week of September 2021 in the all 5 adopted villages in the UBA-prescribed format. All are also requested to submit the Analysis, Summary, Attendance and Special observations/recommendations for holistic development of respective village in consultation with key persons of the respective village in the prescribed format.

Dr.S.N.Topannavar
UBA-Coordinator of PI



Dr.S.C.Kamate
Principal
Hirasugar Institute of Technology
Nidasoshi- 591 236



ಗ್ರಾಮ ಪಂಚಾಯತ, ಕಾರ್ಯಾಲಯ,

ತಾಲೂಕಾ : ಹುಕ್ಕೇರಿ, ನಿಡಸೋಸಿ. ಜಿಲ್ಲೆ : ಬೆಳಗಾವಿ

OFFICE OF GRAM PANCHAYAT NIDASOSHI

Tal.Hukkeri Dist:Belagavi.-591236 (Karnataka)

Ref. No. G.P.N:NI.25:2021-22

Date :16/02/2022

Appreciation Certificate

With reference to the UBA Meeting No.:HSIT/NDS/UBA-meeting-03/2021-22, Dated : 4th Feb. 2022, We are very much thankful to participating institute (PI) Hirasugar Institute of Technology, Nidasoshi for adopting our village Nidasoshi under Prime Minister Flagship program Unnat Bharat Abhyan. This is to certify that institute has been conducted collaborative village and household surveys of our village on 3rd-9th, September 2021 successfully.

We express our gratitude to the institute for considering our recommendations and findings of survey reports in the technology proposals of Subject Expert Groups (SEGs). We are happy to continue the same cooperation and coordination in future for the technology intervention of the institute for holistic development of our village.


PANCHAYAT DEVELOPMENT OFFICER
Gram Panchayat, NIDASOSHI
Tal.Hukkeri Dist:Belagavi



ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಜಿಲ್ಲಾ ಪಂಚಾಯತ ಬೆಳಗಾವಿ

ಗ್ರಾಮ ಪಂಚಾಯತ ಕಾರ್ಯಾಲಯ ಕೇಸ್ತಿ

ತಾ: ಹುಕ್ಕೇರಿ

591236

ಜಿ: ಬೆಳಗಾವಿ

Office Of Gram Panchayat Kesti

Tq-Hukkeri

591236

Di-Belgaum

Ref. No: RPK/2021.22

Date: 18/02/2022

Appreciation Certificate

With reference to the UBA Meeting No.:HSIT/NDS/UBA-meeting-03/2021-22, Dated : 4th Feb. 2022, We are very much thankful to participating institute (PI) Hirasugar Institute of Technology, Nidasoshi for adopting our village Kesti under Prime Minister Flagship program Unnat Bharat Abhyan. This is to certify that institute has been conducted collaborative village and household surveys of our village on 3rd-9th, September 2021 successfully.

We express our gratitude to the institute for considering our recommendations and findings of survey reports in the technology proposals of Subject Expert Groups (SEGs). We are happy to continue the same cooperation and coordination in future for the technology intervention of the institute for holistic development of our village.


PANCHAYAT DEVELOPMENT OFFICER
Gram Panchayat, KESTI
Tal Hukkeri Dist Belgaum

ಗ್ರಾಮ ಪಂಚಾಯತ ಕಾರ್ಯಾಲಯ ಹತ್ತರವಾಟ

ತಾ: ಚಿಕ್ಕೋಡಿ,

ಗ್ರಾ.ಪಂ.ಹ/ವಿವ/9/2021-22

ಜಿ: ಬೆಳಗಾವಿ.

ದಿನಾಂಕ:- 19 FEB 2022

Appreciation Certificate

With reference to the UBA Meeting No.:HSIT/NDS/UBA-meeting-03/2021-22, Dated : 4th Feb. 2022, We are very much thankful to participating institute (PI) Hirasugar Institute of Technology, Nidasoshi for adopting our village Nidasoshi/ Ammanagi/ Borgal/Kesti/Hattarwat under Prime Minister Flagship program Unnat Bharat Abhyan. This is to certify that institute has been conducted collaborative village and household surveys of our village on 3rd-9th, September 2021 successfully.

We express our gratitude to the institute for considering our recommendations and findings of survey reports in the technology proposals of Subject Expert Groups (SEGs). We are happy to continue the same cooperation and coordination in future for the technology intervention of the institute for holistic development of our village.

ಗ್ರಾಮ ಪಂಚಾಯತ ಅಭಿವೃದ್ಧಿ ಅಧಿಕಾರಿಗಳು
ಗ್ರಾಮ ಪಂಚಾಯತ, ಹತ್ತರವಾಟ.



Unnat Bharat Abhiyan

Volunteers' Participation in Village and Household Survey Conducted during 3rd – 9th September 2021

Adopted Village: Nidasoshi



Village and Household
Survey of NIDASOSHI



Village and Household
Survey of NIDASOSHI



S J P N Trust's
Hirasugar Institute of Technology, Nidasoshi.

Inculcating Values, Promoting Prosperity

Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.

Accredited at 'A' Grade by NAAC
Programmes Accredited by NBA: CSE, ECE, EEE & ME

Unnat Bharat Abhiyan-
UBA

Participation

AY:2020-21



Village and Household
Survey of NIDASOSHI



Village and Household
Survey of NIDASOSHI



S J P N Trust's
Hirasugar Institute of Technology, Nidasoshi.

Inculcating Values, Promoting Prosperity

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Programmes Accredited by NBA: CSE, ECE, EEE & ME

Unnat Bharat Abhiyan-
UBA

Participation

AY:2020-21

Adopted Village: Ammanagi



Village and Household Survey
of AMMANAGI



Village and Household Survey
of AMMANAGI



S J P N Trust's
Hirasugar Institute of Technology, Nidasoshi.

Inculcating Values, Promoting Prosperity

Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.

Accredited at 'A' Grade by NAAC
Programmes Accredited by NBA: CSE, ECE, EEE & ME

Unnat Bharat Abhiyan-
UBA

Participation

AY:2020-21

Adopted Village: Kesti



Village and Household
Survey of KESTI



Village and Household
Survey of KESTI



S J P N Trust's
Hirasugar Institute of Technology, Nidasoshi.

Inculcating Values, Promoting Prosperity

Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.

Accredited at 'A' Grade by NAAC

Programmes Accredited by NBA: CSE, ECE, EEE & ME

Unnat Bharat Abhiyan-
UBA

Participation

AY:2020-21

Adopted Village: Borgal



Village and Household Survey
of BORGAL



Village and Household Survey
of BORGAL



S J P N Trust's
Hirasugar Institute of Technology, Nidasoshi.

Inculcating Values, Promoting Prosperity

Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.

Accredited at 'A' Grade by NAAC

Programmes Accredited by NBA: CSE, ECE, EEE & ME

Unnat Bharat Abhiyan-
UBA

Participation

AY:2020-21

Adopted Village: Hattarwat



Village and Household Survey
of HATTARWAT



Village and Household Survey
of HATTARWAT

Applied for :	Technology Development
Name of the College/ Institution :	Hirasugar Institute of Technology, Nidasohsi
UBA Coordinator Name :	Dr.S.N.Topannavar
UBA Coordinator mail id :	sntopannavar.mech@hsit.ac.in
UBA Coordinator Contact No :	9482440235
State :	Taluka: Hukkeri Dist: Belagavi Karnataka PIN:591236

PROJECT TITLE: ADVANCED COMMUNITY SOLAR DRYER FOR AGRO PRODUCTS

Objectives:

- To eliminate the unwanted and unpredictable food spoilage of the agri products.
- To study the characteristics and performance of the solar dryer system with continuous feeding & outlet mechanism.
- To develop a solar dryer system for quality ensured products.
- To Design & Develop low cost & Product based Automated (Ardunio Controlled) Solar Cabinet Dryer for the welfare of Farmers & Food Processing Industries.
- To achieve favourable temperature for various agro-products with different wetness with the help of effective Solar Tracking system.

Justification for the project:

i) Problem Statement:

To study and develop a solar dryer in which the grains are dried continuously by circulating heated air from the solar air heater with the help of manual solar tracking system. The problem of low, medium & large scale processor could be alleviated, if the solar dryer is designed and constructed with the consideration of overcoming the limitation of direct & indirect type of solar dryer. So therefore, this work will be based on importance of a solar dryer which is reliable and economically viable, adoptive design. The controlled drying of the various agro products with the help of the Ardunio controlled parameters. The project will help the farmers to enhance their economy and drying problems of various agro products.

ii) Priority Needs:

1. The prime priority to the farmer for drying of grains, as they will receive benefit of this.
2. The Second Priority To Food Processing Industries To Increases The Food Quality.

iii) Proposed approach/Technical Intervention/customization:

- Visited to farm and had conversation with farmers about what problems they are facing.
- And we pointed to main problem which they were facing that was drying of grains.
- We can to know about how farmers dry they grains. They use to dry the grains on road side.
- And then we listed the problems which they were facing Problems like: unpredictable food spoilage, more time consumption & unwanted thing mixing with grains.

iv) Brief plan of activities and implementation timeline:

Project starts from March, 2022 : .

Month	Weeks	Tasks Completed
March	2 weeks	To figure out the problem of drying of grains
March	2 weeks	Materials Selection & modelling
April	3 weeks	Design Thinking
April-May	4 weeks	Fabrication Work
May-June	5 weeks	Experimentation with Raw materials & Agro-Products



June-July	4 weeks	Analysis, Results & Discussion
August	2 weeks	Conclusion

Methodology, Materials and Financial Resources:

Methodology:

The stepwise methodology to complete our Project is as below.

- Step 01: Literature Survey
- Step 02: Defining problem statement of the Project (Title)
- Step 03: With the help scope defining objective
- Step 04: Materials selection and Modelling
- Step 05: Design Thinking
- Step 06: Fabrication work
- Step 07: Experimentation with raw material & Agro-Products
- Step 08: Result & Discussion
- Step 09: Analysis & Recommendation
- Step 10: Conclusion

Materials:

Fiber Glass Body, Solar Panel, Blower, Absorber Plate, Orifice meter, Glass Cover, Arduino UNO, Temperature Sensor(DHT11), Trays, Metal Beams For Body Fabrication & Fibre glass For Solar Air Heater.

Financial Resources:

Budget	Amount in Rs.
a) Materials, Design and Development of Fiber glass body, Solar Panel, Blower, Absorber Plate, Orifice meter, Glass cover, Arduino UNO, Temperature Sensor(DHT11), Trays, Metal Beams For Body Fabrication, Fiber glass For Solar Air Heater.	70000.00
b) Fabrication Labor Charge	8000.00
c) Travelling Expenses & Running cost	20000.00
d) Site preparation cost	10000.00
e) Miscellaneous	10000.00
Total cost of the Technology in Rs.	118000.00

Outcome of the Project:

The expected outcomes of our project are as below:

- Arduino Controlled agro-product based drying.
- Affordable Cost agro-product Solar based Dryer.
- Increased farmer income by quality product.
- Automated & Product based controlled Drying.
- Quality ensured Products Portable & Movable Farmer Friendly Dryer.



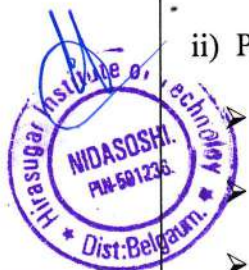
Proposal in Online Format

Applied for :	Technology Development
Name of the College/ Institution :	Hirasugar Institute of Technology, Nidasohsi
UBA Coordinator Name :	Dr.S.N.Topannavar
UBA Coordinator mail id :	sntopannavar.mech@hsit.ac.in
UBA Coordinator Contact No :	9482440235
State :	Taluka: Hukkeri Dist: Belagavi Karnataka PIN:591236
SEG Name:	Expert Group (SEG) of IIT Delhi, Rural Energy Systems

RCI:	IIT Bombay		
AISHE Code of the College:	C-1409		
Adopted Villages are:	Nidasoshi, Ammanagi, Kesti, Borgal & Hattarwat		
Title:	ADVANCED COMMUNITY SOLAR DRYER FOR AGRO PRODUCTS		
Village where it is to be implemented:	Nidasoshi		
Why this technology is required (Objective of the project maximum 200 word):	<ul style="list-style-type: none"> ➤ To eliminate the unwanted and unpredictable food spoilage of the agro products. ➤ To study the characteristics and performance of the solar dryer system with continuous feeding & outlet mechanism. ➤ To develop a solar dryer system for quality ensured products. ➤ To Design & Develop low cost & Product based Automated (Arduino Controlled) Solar Cabinet Dryer for the welfare of Farmers & Food Processing Industries. ➤ To achieve favorable temperature for various agro-products with different wetness with the help of effective Solar Tracking system. 		
Total Cost of the Product/Technology:	Budget	Amount	
	a) Materials, Design and Development of Fiber glass body, Solar Panel, Blower, Absorber Plate, Orifice meter, Glass cover, Arduino UNO, Temperature Sensor(DHT11), Trays, Metal Beams For Body Fabrication, Fibre glass For Solar Air Heater.	70000.00	
	b) Fabrication Labor Charge	8000.00	
	c) Travelling Expenses & Running cost	20000.00	
	d) Site preparation cost	10000.00	
	e) Miscellaneous	10000.00	
	Total Cost of the Technology	118000.00	
Fund raised from:	NA		
Describe your role as PI at various stage of the project (max 500 words):	<p>The role of PI is to identify the needs of the village people by carrying out the survey in adopted villages. Based on the need analysis of village people, technically feasible and economically viable system design is proposed for technological development and implementation through procurement of materials and accessories. After designing, testing of the proposed system is done.</p> <p>For smooth and safe operation of the system, necessary awareness with all information related to the project is provided to the beneficiary.</p> <ol style="list-style-type: none"> 1. Design and Development Stage: Suitable Human resource mobilization and laboratory supports 2. Implementation Stage: Coordination between Gram Panchayat & SEG Members 3. Outcome Analysis Stage: Suitable human resource 		



	mobilization
Process of execution of the project:	<p>The stepwise methodology to complete our Project is as below.</p> <p>Step 01: Literature Survey</p> <p>Step 02: Defining problem statement of the Project(Title)</p> <p>Step 03: With the help scope defining objective</p> <p>Step 04: Materials selection and Modelling</p> <p>Step 05: Design Thinking</p> <p>Step 06: Fabrication work</p> <p>Step 07: Experimentation with raw material & Agro-Products</p> <p>Step 08: Result & Discussion</p> <p>Step 09: Analysis & Recommendation</p> <p>Step 10: Conclusion</p>
Who are the beneficiaries (ST, SC, OBC, Tribal etc.) and potential impact of technology on the beneficiary and village :	Farmers having less farming land. The socio economic development of village farmers.
Duration of Project:	06 Months
Role of stake holders in maintaining sustainability after the project duration (please mention point wise role of participating stake holders):	<ol style="list-style-type: none"> 1) Solar system related maintenance work 2) Acquiring skills to operate automated system 3) Suggesting to institute level SEGs for further improvement in design and development 4) Addressing the grievances of the farmers and resolving 5) Scaling of the project
Execution of the project along with role of all participating stakeholders (write point wise max 500 words) :	<p>i) Problem Statement:</p> <p>To study and develop a solar dryer in which the grains are dried continuously by circulating heated air from the solar air heater with the help of manual solar tracking system. The problem of low, medium & large scale processor could be alleviated, if the solar dryer is designed and constructed with the consideration of overcoming the limitation of direct & indirect type of solar dryer. So therefore, this work will be based on importance of a solar dryer which is reliable and economically viable, adoptive design. The controlled drying of the various agro products with the help of the Arduinio controlled parameters. The project will help the farmers to enhance their economy and drying problems of various agro products.</p> <p>ii) Priority Needs:</p> <ol style="list-style-type: none"> 1. The prime priority to the farmer for drying of grains, as they will receive benefit of this. 2. The Second Priority To Food Processing Industries To Increases The Food Quality. <p>ii) Proposed approach/Technical Intervention/customization:</p> <p>Visited to farm and had conversation with farmers about what problems they are facing.</p> <p>And we pointed to main problem which they were facing that was drying of grains.</p> <p>➤ We can to know about how farmers dry they grains. They</p>



	<p>use to dry the grains on road side.</p> <p>➤ And then we listed the problems which they were facing Problems like: unpredictable food spoilage, more time consumption & unwanted thing mixing with grains.</p>
Impact of this work on learning of students/ teachers:	Resolving the farmers' problems related to their agro products. Using of advanced technology to enhance the value of the agro products. Technology intervention in the agriculture.
Role of PI after completion of the project duration.	<ol style="list-style-type: none"> 1) Scaling of the project to reach all need people of the adopted villages 2) Preparing DPR to the district level 3) Automation for feeding and outlet mechanism to increase productivity 4) Steps to increase the performance and efficiency of the project 5) Design and development towards increasing the quality of the agro products for exporting. 6) Steps towards to add relevant values to the agro products.
Enter Name and Contact details of students involved in this project:	<p>1. AMIT.P.THORAT E-mail: amitandthorat19@gmail.com Mobile No.:7337722814</p> <p>2.SHWETA.M. KUMBAR Email id:shwetakumbar1999@gmail.com Mobile No.: 8296654234</p> <p>3. AJINKAYKUMAR.S.BHOSALE Email id: bhosaleajinkya41@gmail.com Mobile No.: 6360103570</p> <p>4. SHRIDHAR.B.MUDIGOUD Emailid:shridharmudigoud1198@gmail.com Mobile No.: 8105443562</p>
Enter Name and Contact details of peoples those will be involved in this project (From UBA connected / adopted village):	<ol style="list-style-type: none"> 1. Dr.M.M.Shivasimpi (Mobile no.:9742197173) 2. Prof,M,I,Tanodi (Mobile no.:9611998812) 3. Dr.K.M.Akkoli (Mobile no.:9739114856) 4. Prof.D.N.Inamdar (Mobile no.:9591208980)

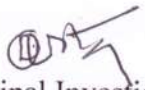
Dr. S.N.Topannavar
Principal Investigator

Dr.S.N.Topannavar
UBA Program Coordinator

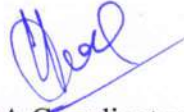


Applied for :	Technology Development
Name of the College/ Institution :	Hirasugar Institute of Technology, Nidasohsi
UBA Coordinator Name :	Dr.S.N.Topannavar
UBA Coordinator mail id :	sntopannavar.mech@hsit.ac.in
UBA Coordinator Contact No :	9482440235
State :	Karnataka, Dist: Belagavi Block: Hukkeri
SEG Name:	Expert Group (SEG) of IIT Kharagpur & GSIT Indore
RCI:	IIT Bombay
AISHE Code of the College:	C-1409
Adopted Villages are:	Nidasoshi, Ammanagi, Kesti, Borgal & Hattarwat
Title:	LAKE CLEANING MACHINE
Village where it is to be implemented:	Ammanagi
Why this technology is required (Objective of the project maximum 200 word):	In India water pollution is increasing day by day so this is becoming serious problem for rivers, ponds, lakes etc. These lakes or rivers etc mainly consist of impurities like waste water debris, plastics, garbage on floating water surface. Many species consume plastic debris as food by mistakenly while feeding or swimming. Once ingested, this debris can damage their digestive tract and interfere with an animal's ability to feed, leading to starvation or other negative health effects. Polluted water also causes many skin diseases to human kind. So that to reduce the water pollution we are trying to make lake cleaning machine. "Lake Cleaning Machine" a device which involves the collecting the waste debris from water surface through remote controller.
Total Cost of the Product/Technology:	Rs.1,00,000/-
Fund raised from:	Not Applicable
Describe your role as PI at various stage of the project (max 500 words):	The role of PI is to identify the needs of the village people by carrying out the survey in adopted villages. Based on the need analysis of village people, technically feasible and economically viable system design is proposed for technological development and implementation through procurement of materials and accessories. After designing, testing of the proposed system is done. For smooth and safe operation of the system, necessary awareness with all information related to the project is provided to the beneficiary.
Process of execution of the project:	A survey regarding the needs of the beneficiary villages is carried out with the help of the students. Collected survey information is analysed and a proposal is prepared based on the needs. A detailed schedule of implementation is prepared. The detailed proposal with all necessary information is submitted for approval.

	<p>If the submitted proposal is approved and sanctioned, then all the materials will be procured through a proper process of quotation, comparison and placing order.</p> <p>After receiving all the required materials necessary structure is built, all the required components are assembled and then tested for its proper operation.</p> <p>The beneficiaries will be given awareness about its operation and maintenance.</p> <p>Necessary technical support will be provided as per the need.</p>
Who are the beneficiaries (ST, SC, OBC, Tribal etc.) and potential impact of technology on the beneficiary and village :	Society
Duration of Project:	6 Months
Role of stake holders in maintaining sustainability after the project duration (please mention point wise role of participating stake holders):	<p>1) Routine maintenance of the system</p> <p>2) Safety checks on regular basis.</p>
Execution of the project along with role of all participating stakeholders (write point wise max 500 words) :	Survey, Need analysis, Material listing, Purchasing, Designing and Testing
Impact of this work on learning of students/ teachers:	Students/ teachers will be able to plan, schedule and implement the project in a team.
Role of PI after completion of the project duration.	<p>The role of PI is to identify the needs of the village people by carrying out survey in adopted villages. Based on the need analysis of village people, technically feasible and economically viable system design is proposed for technological development and implementation through procurement of materials and accessories. After successful installation, testing of the proposed system is done.</p> <p>For smooth and safe operation of the system, necessary awareness with all information related to the project is provided to the beneficiary.</p>
Enter Name and Contact details of students involved in this project:	<p>Mr.Kunal Mane, Mob: 9108753392,</p> <p>Mr.Vaibhav Mugale, Mob:7406041431</p> <p>Akhilesh Patil, Mob: 9449127367,</p> <p>Ashwat Karadigud, Mob: 7760406281,</p> <p>Akash Tukare, Mob: 8867737591</p>
Enter Name and Contact details of peoples those will be involved in this project (From UBA connected / adopted village):	<p>Prof. K. B. Negalur, Mobile:7619165884</p> <p>Prof. S. S Birade, Mobile: 9945105480</p> <p>Prof. S. G. Huddar, Mobile: 9742066852</p> <p>Mr. R. S. Bardol Mob: 8277010328,</p> <p>Mr. V. M. Mutalik, Mobile:7338327184</p> <p>Mr. S. B. Beelur, Mobile: 8105974422</p>


Principal Investigator
Prof. K. B. Negalur


HOD
Dr. B. V. Madiggond
Prof. & Head BE,ME,Ph.D
Dept. of Electrical & Electronics Engg.
NIT NIDASOSHI-501 236


UBA Coordinator
Dr.S.N. Topannavar

UNNATA BHARAT ABHIYAN

Project Proposal

2021-2022

Applied For:	TECHNOLOGY CUSTOMIZATION
Name of college/institute:	Hirasugar Institute Of Technology, Nidasoshi
UBA co-ordinator name:	Dr. S. N. Topannavar
UBA co-ordinator email:	sntopannavar.mech@hsit.ac.in
UBA co-ordinator contact no.:	9482440235
State:	Karnataka
District:	Belagavi
Block:	Nidasoshi- 591236
SEG Name:	Rural Energy Systems(IIT-Delhi)
Select RCI:	IIT-Bombay
AISHE code of college:	C-1409
Title Of the Technology:	"SAURA CHULA, Solar Powered GSM Based Multipurpose Wireless Smart cooking/Water Heating Device"

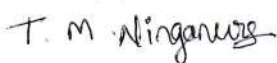

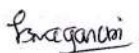

Village where it is to be adopted:	Nidasoshi, Ammanagi, Kesti, Borgal & Hattarwat				
Why this technology required(Objective of the project):	Alternate source of energy is always a green approach of energy consumption, in the time of crises of energy and global warming. Use of solar energy for cooking as well as water heating is better solution, but still not established as user friendliness and economic aspect. Food is the basic need of human being. Food can be cooked with conventional fuels like wood, cow- dung, kerosene, Liquid Petroleum Gas (LPG) and electricity. Solar cooker is clean and eco-friendly energy device for cooking.				
Total cost of the product/technology:	Materials / Consumables	Labor	Travel	Miscellaneous	
	35,000	8000	3000	4000	
Funds raised from:	NA				
Details of the funds raised from any other agencies apart from above mentioned:	NA				
Describe your role as PI at various stages of project:	Take the survey at villages. Implementation and development of project according to the requirements. Take the feedback from the peoples.				

Process of execution of the project:	Continuous monitoring of project at Household. Providing support after installation.
Who are the beneficiaries(ST,S C, OBC)and potential impact of the technology on the beneficiary & village:	<p>01. Now a days the LPG cylinder rate is becoming too high, so that we want to reduce a minimum usage of LPG cylinder.</p> <p>02. Implementation of this project will reduces air pollution.</p> <p>03. Solar water heating systems are very high in cost, so that poor people's can't be use.</p> <p>04. Voluntary migration can also improve food security both for migrants and the families left behind, particularly in rural areas.</p>
Duration of the project:	8 Months
Role of stakeholders in maintaining sustainability after the project duration:	Department /Institute will provide support and monitor adopted villages on regular basis and solve the problems related to this project.
Execution of the project along with role of all participating stakeholders:	Department/Institute is providing necessary laboratory support.

Impact of this work on learning of students /teachers:	It will enhance the technical skill, which include Adriano concept. It is also enhance the soft skill.
Role of PI after completion of the project duration:	Continuous monitoring of project.
Enter name & contact details involved in this project:	<p>1. Name: TEJU NINGANURE USN No.: 2HN18EC032 Email id: tejuninganure73529@gmail.com Mobile No: 7406397758</p> <p>2. Name: SNEHAL KAGI USN No.: 2HN19EC400 Email id: snehalkagi8@gmail.com Mobile No.: 7019424868</p> <p>3. Name: SUDHA NAGANURI USN No.: 2HN19EC401 Email id: naganurisudha@gmail.com Mobile No.: 8884945697</p> <p>4. Name: TANUJA KHARSHINGE USN No.: 2HN19EC402 Email id: tanuja.kharshinge9@gmail.com Mobile No.: 7090101643</p>

Enter Name & contact details of peoples those will be involved in this project (From UBA connected / adopted):	Prof. Sachin. S. Patil Mobile: 9480422508 Sachinpatil.ece@gmail.com	Prof. D. B. Madihalli Mobile: 9902854324 dbmadhihalli@hsit.ac.in
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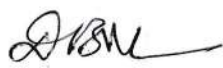
Name and sign of Team Members:

Name	Sign
Teju Ninganure	
Snehal Kagi	
Sudha Naganuri	
Tanuja Kharshinge	


Principal Investigator
Prof. Sachin S. Patil


HOD
Dr. S. B. Akkole


UBA Coordinator
Dr. S. N. Topannavar


Prof. D. B. Madihalli

HOD
Electronics & Commn. Engg. Dept.
HSIT NIDASOSHI

Applied for :	Technology Customisation
Name of the College/ Institution :	Hirasugar Institute of Technology, Nidasohsi
UBA Coordinator Name :	Dr.S.N.Topannavar
UBA Coordinator mail id :	sntopannavar.mech@hsit.ac.in
UBA Coordinator Contact No :	9482440235
State :	Karnataka, Dist: Belagavi Block: Hukkeri
SEG Name:	Expert Group (SEG) of IIT Delhi, Rural Energy Systems
RCI:	IIT Bombay
AISHE Code of the College:	C-1409
Adopted Villages are:	Nidasoshi, Ammanagi, Kesti, Borgal & Hattarwat
Title:	Solar Multipurpose Portable Emergency Lamp
Village where it is to be implemented:	Nidasoshi, Ammanagi, Kesti, Borgal & Hattarwat 2 units at every adopted village
Why this technology is required (Objective of the project maximum 200 word):	<p>Need for light during power cut is essential for leading life of any one. The life of the farmer is always engaged with cleaning of land, growing of crops, spraying of pesticide to protect the crop and harvesting. Recently, there are many developments in the pesticide sprayer which is automated and helping the farmer in spraying of pesticides. This sprayer works on electricity i.e. energy is stored in battery.</p> <p>The battery of pesticide sprayer is required to be charged from the supply mains. However, power cut is quite common in rural areas. To address this problem of power cut renewable energy source is used to charge the battery.</p>
Total Cost of the Product/Technology:	Rs.50000.00/-
Fund raised from:	Not applicable
Describe your role as PI at various stage of the project (max 500 words):	<p>The role of PI is to identify the needs of the beneficiary. Then site survey is carried out in adopted villages for the implementation of the project. Based on the need analysis of beneficiary, technically feasible and economically viable system design is proposed for technological development and implementation through procuring of materials and accessories. After successful installation, testing of the proposed system is done.</p> <p>For smooth and safe operation of the system, necessary awareness with all information related to the project is provided to the beneficiary.</p>
Process of execution of the project:	<p>A survey regarding the needs of the beneficiary villages is carried out with the help of the students. Collected survey information is analysed and a proposal is prepared based on the needs.</p> <p>A detailed schedule of implementation is prepared. The detailed proposal with all necessary information is submitted for approval.</p> <p>If the submitted proposal is approved and sanctioned,</p>

	<p>then all the materials will be procured through a proper process of quotation, comparison and placing order.</p> <p>After receiving all the required materials necessary structure is built, all the required components are assembled and then tested for its proper operation.</p> <p>The beneficiaries will be given awareness about its operation and maintenance.</p> <p>Necessary technical support will be provided as per the need.</p>
Who are the beneficiaries (ST, SC, OBC, Tribal etc.) and potential impact of technology on the beneficiary and village :	OBC
Duration of Project:	8 Weeks
Role of stake holders in maintaining sustainability after the project duration (please mention point wise role of participating stake holders):	<p>1) Routine maintenance of the installed system</p> <p>2) Cleaning of the solar panels</p> <p>3) Safety checks on regular basis.</p>
Execution of the project along with role of all participating stakeholders (write point wise max 500 words) :	Survey, need analysis, material listing, purchasing, installing, and testing
Impact of this work on learning of students/ teachers:	Students/ teachers will be able to plan, schedule and implement the project in a team.
Role of PI after completion of the project duration.	<p>The role of PI is to identify the needs of the beneficiaries and by carrying out survey in adopted villages. Based on the need analysis of beneficiaries, technically feasible and economically viable system design is proposed for technological development and implementation through procurement of materials and accessories. After successful installation, testing of the proposed system is done.</p> <p>For smooth and safe operation of the system, necessary awareness with all information related to the project is provided to the beneficiaries.</p>
Enter Name and Contact details of students involved in this project:	<p>Mr.Kunal Mane Mob: 9108753392,</p> <p>Nagadarshan Kopparad Mob: 7259290709,</p> <p>Akhilesh Patil Mob: 9449127367,</p> <p>Ashwat Karadigud Mob: 7760406281,</p> <p>Naveenkumar Gokanvi Mob:8095424048</p>
Enter Name and Contact details of peoples those will be involved in this project (From UBA connected / adopted village):	<p>Dr.B.V.Madiggond Mob: 9343454993, Prof.S.D.Hirekodi Mob: 9480849338, Prof.M.P.Yenagimath Mob:9341449466,</p> <p>Mr.R.S.Bardol Mob: 8277010328,</p> <p>Mr.S.B.Beelur Mob: 8105974422,</p> <p>Mr.B.S.Sooji Mob:9480849343,</p> <p>Mr.A.A.Patil Mob:9449498248,</p> <p>Mr.S.N.Biranagaddi Mob:7219803176</p>



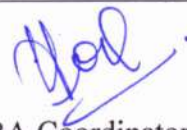
Principal Investigator
Dr. B.V.Madiggond



HOD

Dr. B. V. Madiggond


Prof. & Head BE,ME,Ph.D.
Dept. of Electrical & Electronics Engg.
HIT NIDASOSHI-581 236





UBA Coordinator
Dr.S.N. Topannavar


Applied for :	Technology Development
Name of the College/ Institution :	Hirasugar Institute of Technology, Nidasohsi
UBA Coordinator Name :	Dr.S.N.Topannavar
UBA Coordinator mail id :	sntopannavar.mech@hsit.ac.in
UBA Coordinator Contact No :	9482440235
State :	Karnataka, Dist: Belagavi Block: Hukkeri
SEG Name:	Expert Group (SEG) of IIT Delhi, Rural Energy Systems
RCI:	IIT Bombay
AISHE Code of the College:	C-1409
Adopted Villages are:	Nidasoshi, Ammanagi, Kesti, Borgal & Hattarwat
Title:	Solar water pump for Irrigation
Village where it is to be implemented:	Nidasoshi
Why this technology is required (Objective of the project maximum 200 word):	Rural income largely depends on agriculture, especially farmers growing vegetables, flowers suffer due to power cuts. At present 3 phase power availability is only for few hours in rural areas usually, after midnight. This problem is addressed in our proposal, wherein the power supply is available during day time for irrigation purpose helping farmers to schedule their other activities such as sowing, spraying, harvesting etc. In the evening they are sorting and packing their crops. Early morning they are busy with marketing of vegetables/ flowers etc. Hence, it is feasible to irrigate during day by utilizing solar energy.
Total Cost of the Product/Technology:	Site Preparation: 5000/- Equipment/Machinery cost: 95,000/- Running cost/Manpower cost Electricity cost: -Nil-
Fund raised from:	Not Applicable
Describe your role as PI at various stage of the project (max 500 words):	The role of PI is to identify the needs of the farmer and by carrying out survey in adopted villages. Based on the need analysis of farmers, technically feasible and economically viable system design is proposed for technological development and implementation through procurement of materials and accessories. After successful installation, testing of the proposed system is done. For smooth and safe operation of the system, necessary awareness with all information related to the project is provided to the beneficiary.
Process of execution of the project:	A survey regarding the needs of the beneficiary villages is carried out with the help of the students. Collected survey information is analysed and a proposal is prepared based on the needs. A detailed schedule of implementation is prepared. The detailed proposal with all necessary information is submitted for approval. If the submitted proposal is approved and sanctioned, then all the materials will be procured through a proper process of quotation, comparison and placing order. After receiving all the required materials necessary structure is

	<p>built, all the required components are assembled and then tested for its proper operation.</p> <p>The beneficiaries will be given awareness about its operation and maintenance.</p> <p>Necessary technical support will be provided as per the need.</p>
Who are the beneficiaries (ST, SC, OBC, Tribal etc.) and potential impact of technology on the beneficiary and village :	OBC
Duration of Project:	8 Weeks
Role of stake holders in maintaining sustainability after the project duration (please mention point wise role of participating stake holders):	<p>1) Routine maintenance of the installed system</p> <p>2) Cleaning of the solar panels</p> <p>3) Safety checks on regular basis.</p>
Execution of the project along with role of all participating stakeholders (write point wise max 500 words) :	Survey, need analysis, material listing, purchasing, installing, and testing
Impact of this work on learning of students/ teachers:	Students/ teachers will be able to plan, schedule and implement the project in a team.
Role of PI after completion of the project duration.	<p>The role of PI is to identify the needs of the farmer and by carrying out survey in adopted villages. Based on the need analysis of farmers, technically feasible and economically viable system design is proposed for technological development and implementation through procurement of materials and accessories. After successful installation, testing of the proposed system is done.</p> <p>For smooth and safe operation of the system, necessary awareness with all information related to the project is provided to the beneficiary.</p>
Enter Name and Contact details of students involved in this project:	<p>Mr.Kunal Mane Mob: 9108753392,</p> <p>Nagadarshan Kopparad Mob: 7259290709,</p> <p>Akhilesh Patil Mob: 9449127367,</p> <p>Ashwat Karadigud Mob: 7760406281,</p> <p>Naveenkumar Gokanvi Mob:8095424048</p>
Enter Name and Contact details of peoples those will be involved in this project (From UBA connected / adopted village):	<p>Dr.B.V.Madiggond Mob: 9343454993, Prof.S.D.Hirekodi Mob: 9480849338, Prof.M.P.Yenagimath Mob: 9341449466,</p> <p>Mr.R.S.Bardol Mob: 8277010328,</p> <p>Mr.S.B.Beelur Mob: 8105974422,</p> <p>Mr.B.S.Sooji Mob:9480849343,</p> <p>Mr.A.A.Patil Mob:9449498248,</p> <p>Mr.S.N.Biranagaddi Mob:7219803176</p>


Principal Investigator
Dr. B.V.Madiggond


HOD
Dr. B. V. Madiggond
BE, ME, PG
Prof. & Head
Dept. of Electrical & Electronics Engg
HIT NIDASOSHI-591 208


UBA Coordinator
Dr.S.N. Topannavar

	<p style="text-align: center;">S J P N Trust's Hirasugar Institute of Technology, Nidasoshi <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Permanently Affiliated to VTU Belagavi. Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME.</p>	CSE
		Unnat Bhart Abhiyan
		Project Poposal
		2021-22

Unnat Bharat Abhiyan Project Proposal

Applied For:	Technology Development
Name of College/Institution:	Hirasugar Institute of Technology, Nidasoshi
Coordinator Name:	Dr. S. N. Topannavar
UBA Coordinator Email:	sntopannavar.mech@hsit.ac.in
UBA Coordinator Contact No:	9482440235
State:	Karnataka
District:	Belagavi
Select your SEG Name:	Ethos in Technical Education IIT Bombay
Select your RCI:	Select IIT Bombay
AISHE Code of the College:	C-1409
Title of the technology:	Artificial Intelligence based Android application to automatically Detect Plant Leaf Disease
Village where it is to be implemented:	Nidasoshi, Ammanagi, Kesti, Borgal & Hattarwat

Why this technology required (Objective of the project maximum 200 word):

The external appearance is the most important quality character of agriculture. This outer appearance greatly affects the sale value and consumer behavior in buying any product. Therefore, the inspection of quality and grading system is essential in agriculture field to cultivate good healthy plants. Agriculture industry can go through a major production and economic losses which is caused by the plant diseases. This disease management is a challenging task. Usually, the diseases or its symptoms such as colored spots or streaks can be seen on the leaves or on the stem of the plants. In plants, most of the leaf diseases are caused by fungi, bacteria, and viruses. The disease caused due to these organisms is characterized by different visual symptoms that could be observed in the leaves or stem of a plant. Usually, these symptoms are detected manually. Automatic detection of various diseases can be detected with the help of machine learning and


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		Unnat Bharat Abhiyan
		Project Poposal
		2021-22

image processing. A crucial role is played by the machine learning and image processing in detection of plant disease since it provides best results and reduces the human efforts.

Total cost of the product/technology:

Site preparation cost: 15000/-

Equipment/ Machinery cost: 15000/-

Running cost, Manpower cost, Electricity cost, etc.: 10000/-

Miscellaneous expense: 10000/-

Details of the funds raised from any other agencies apart from above-mentioned:

Not Applicable

Describe your role as PI at various stage of the project (Max 500 words):

Following are the list of roles and responsibilities of PI:


1. Collection of data set by visiting the farmers of adopted village.
2. Labeling the data set by considering the view of farmers and expert persons.
3. Data preprocessing to remove the redundancy, missing values, and errors.
4. Building an AI model to automatically detect the plant leaf disease.
5. Validating the model from the farmers and expert persons.
6. Deploying the validated model on cloud platform.

Process of execution of the project

The methodology followed in the proposed project is,

Training and validating the model:

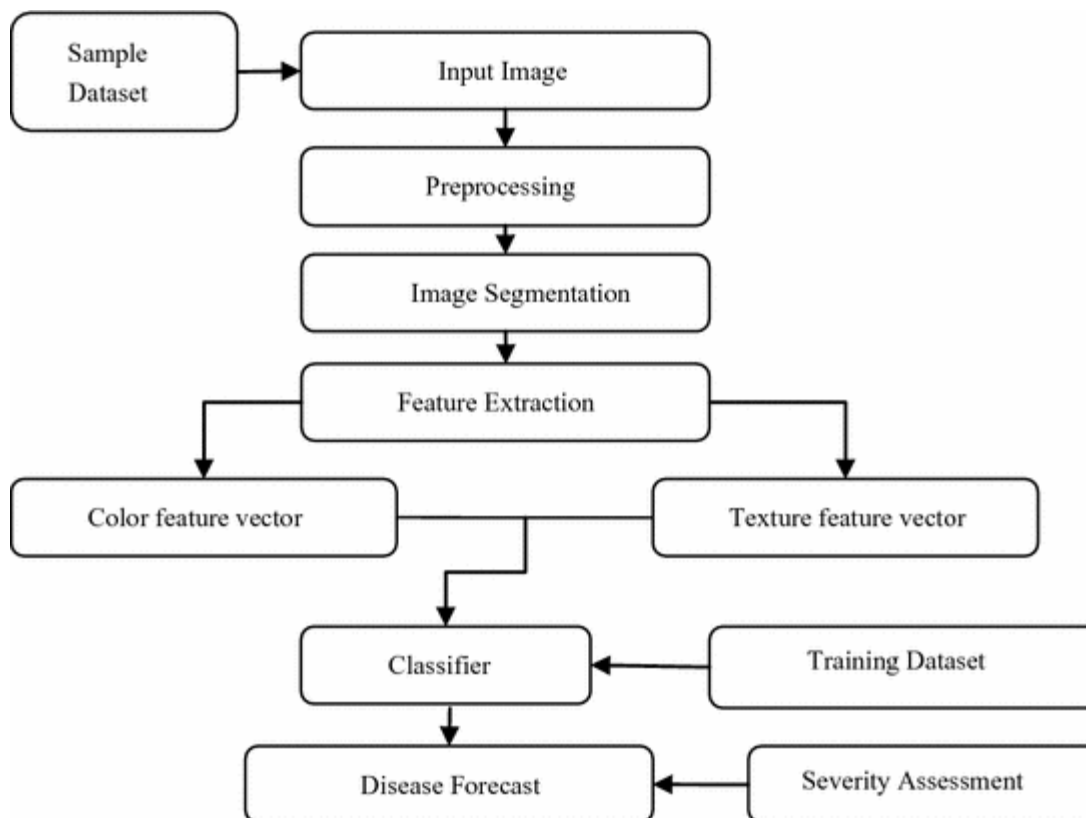
1. Collection of data set by visiting the farmers of adopted village.
2. Labeling the data set by considering the view of farmers and expert persons.
3. Data preprocessing to remove the redundancy, missing values, and errors.
4. Extract the features from the dataset.
5. Building an AI model to automatically detect the plant leaf disease.

	<p style="text-align: center;">S J P N Trust's Hirasugar Institute of Technology, Nidasoshi <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Permanently Affiliated to VTU Belagavi. Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME.</p>	CSE
		Unnat Bhart Abhiyan
		Project Poposal
		2021-22

6. Deploying the validated model on cloud platform.

Use of model in real world:


1. The new input image is given as an input to the validated model.
2. The model classifies the image based on the features of the new image.



Who are the beneficiaries (ST, SC, OBC, Tribal, etc.) and potential impact of the technology on the beneficiary & village

The farmers of the adopted village are the beneficiaries of the proposed project. The proposed AI based android project automatically detects the plant leaf disease which in turn reduces the human efforts and increases the productivity.

Role of stakeholders in maintaining sustainability after the project duration (please mention point wise role of participating stakeholders)

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		Unnat Bharat Abhiyan
		Project Proposal
		2021-22

Stakeholders can add new diseases as and when detected in the farm to improve the efficiency of the proposed project.

Execution of the project along with role of all participating stakeholders (write point wise maximum 500 words):

Initially with the help of stakeholders and expert persons data set will be collected. The dataset will be divided into different classes of disease. The data set will be used to build the model. Performance of the model is evaluated with help of stakeholders and expert persons. Finally, the evaluated model will be deployed into cloud environment.

Impact of this work on learning of students/teachers:

The students will learn

1. The process of data acquisition required for machine learning and artificial intelligence-based projects.
2. The process of data preprocessing
3. How to build AI based model and validating the model from different stake holders.
4. Deploying the model on cloud environment

Role of PI after completion of the project duration:

Collecting the new diseases detected in the farm from the stakeholders and updating the model to incorporate the new diseases. Also, tune the model to improve the overall accuracy of the system.


Enter Name and Contact details of students involved in this project:

Kashim Jakati – 9620295085

Aishwarya Gundoli – 7259550923

Mohammedakram Mujawar – 6364359803

Shruti Khot – 8722372755

	<p style="text-align: center;">S J P N Trust's</p> <p style="text-align: center;">Hirasugar Institute of Technology, Nidasoshi</p> <p style="text-align: center;"><i>Inculcating Values, Promoting Prosperity</i></p> <p style="text-align: center;">Approved by AICTE, Recognized by Govt. of Karnataka and Permanently Affiliated to VTU Belagavi.</p> <p style="text-align: center;">Accredited at 'A' Grade by NAAC</p> <p style="text-align: center;">Programmes Accredited by NBA: CSE, ECE, EEE & ME.</p>	CSE
		UnnatBhart Abhiyan
		Project Proposal
		2021-22

Shruti Khot – 8722372755

Enter Name and Contact details of peoples those will be involved in this project (Form UBA connected / adopted village):

Dr. Mahesh Huddar

Prof. C. R. Belavi

Prof. N. M. Patel



Project Coordinator:

Dr. Mahesh Huddar

Associate Professor, Computer Science and Engineering

Hirasugar Institute of Technology, Nidasoshi

E-Mail: mghuddar.cse@hsit.ac.in


 Prof. S. V. Majaragi
 HOD
 Computer Science & Engg.
 HIT, Nidasoshi.

UNNAT BHARAT ABHIYAN

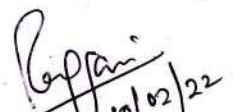
Project proposal

2021-2022

Applied For	TECHNOLOGY DEVELOPMENT			
Name Of the College/Institution	Hirasugar Institute of Technology, Nidasoshi			
Coordinator Name	Dr. S. N. Topannavar			
UBA Coordinator Email	sntopannavar.mech@hsit.ac.in			
UBA Coordinator Contact No	9482440235			
State	Karnataka			
District	Belagavi			
Block				
Select your SEG Name	Rural Energy systems (IIT-Delhi)			
Select your RCI	IIT-Bombay			
AISHE Code of the College	C-1409			
Title of the technology	Smart Motor for Agriculture			
Village where it is to be implemented	Nidasoshi, Ammanagi, Kesti, Borgal & Hattarwat			
Why this technology required (Objective of the project maximum 200 word)	<p>Objectives of the project is to:</p> <ol style="list-style-type: none"> 1. Develop a GSM based cost effective solution that will provide remote access of motor through mobile Application 2. Develop low-cost water pump dry run protection for which insufficient water conditions inside an underground tank can be sensed and thus preventing any possibility of motor dry running 3. Incorporate soil moisture sensor into the irrigation system aid in scheduling water supply and distribution much more efficiently. Such gauges help to enhance irrigation for optimum plant growth. 4. Design user friendly android application using open-source platform. 5. Incorporate power line status indicator in mobile application to notify farmer about power-cut schedule. 			
Total cost of the product/technology	Site preparation cost	Equipment/ Machinery cost	Running cost, Manpower cost, Electricity cost, etc.	Miscellaneous expense
	10,000/-	75,000/-	5,000/-	10,000/-
Funds raised from	Not applicable			
Details of the funds raised from any other agencies apart from above-mentioned:	Not applicable			
Who are the beneficiaries (ST, SC, OBC, Tribal, etc.) And potential impact of the technology on the beneficiary &	<ol style="list-style-type: none"> 1. System reduces the burden on farmer for going to the farm field in order to check the water level in well for turning motor on/off. 2. Farmers are able to utilize highly detailed analytics to accelerate 			

village.	productivity and gain from crops in the future.
Duration of Project	12 months
Role of stakeholders in maintaining sustainability after the project duration (please mention point wise role of participating stakeholders)	Department /Institute will provide support and monitor adopted villages on regular basis and resolve the issues related to project at field.
Execution of the project along with role of all participating stakeholders (write point wise maximum 500 words):	Department /Institute is providing necessary laboratory support and testing procedure to be observed in extreme conditions in actual field.
Impact of this work on learning of students/teachers	Will enhance technical skill which include understanding of microcontroller concept, working of dry run protection, power devices, relay control mechanism, sensors and their response and programming analogy. It also helps to enhance soft skill.
Role of PI after completion of the project duration	Continuous monitoring of project at field, providing support after installation, resolve the issues after due discussion with farmers.
Enter Name and Contact details of students involved in this project	Not applicable
Enter Name and Contact details of peoples those will be involved in this project (Form UBA connected / adopted village)	<div>Dr. R.R. Maggavi</div> <div>Mobile:9480275583</div> <div>rrmaggavi.ece@hsit.ac.in</div> <div>Prof. D.B. Madihalli</div> <div>Mobile:9902854324</div> <div>dbmadihalli@hsit.ac.in</div>

Principal Investigator

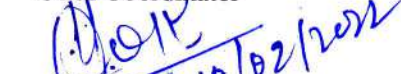

10/02/22
Dr. R.R. Maggavi
Prof. D.B. Madihalli


HOD

Dr. S. B. Akole

HOD
Electronics & Commn. Engg. Dept.
HSIT NIDASOSHI

UBA Coordinator


10/02/2022
Dr. S. N. Topannavar

Proposal By: Hirasugar Institute of Technology, Nidasoshi ()

Project Title: Smart System for Crop Prediction & Fertilizer Suggestion.

Project Objectives: The main objective of the project is

1. To develop a smart system for crop prediction and fertilizer suggestion using machine learning and IoT.
2. To develop an IOT based system which measures the collective data from the farm by monitoring the Rainfall, PH, NPK values, Temperature and Humidity.
3. To develop an intelligent crop suggestion system for farmers which utilizes the collective data from the farm related to weather and Soil to suggest the suitable crop for farmers using Machine Learning approach.
4. To Train a machine learning model using supervised learning approach capable of suggesting crops to farmers using the live dataset collected from the sensor data placed in farm.
5. To develop a software application which can be used by the farmers to check for the most suitable crops in that soil.
6. To Develop an Android application for farmers which will give updates regarding the soil NPK content and the fertilizers to be used for low NPK content. This will help farmers to test the soil by themselves without going to soil testing centers.
7. To make the entire system solar powered.

Project Justification:

- i) **Problem Statement:** The majority of farmers do not conduct soil testing and use the same agricultural cultivation methods and patterns, resulting in lower yields. There are currently no systems in place to track and analyze the data from farms itself in terms of temperature, humidity, and other key factors. A system is required that recommends different crops to farmers and warns them about replenishment.
- ii) **Priority Needs:** The only priority is given to the Farmers, to ultimately increase their yield and hence, the income.
- iii) **Proposed Approach / Technical Intervention / Customization:**

Due to the challenges that farmers experience, we are motivated to design a smart system based on IoT and machine learning that can provide farmers with in-field soil testing and planting suggestions, resulting in greater agricultural yields. This inspires us to create a system that can monitor data from the farm using various metrics, such as soil NPK values, and provide recommendations to the farmer on the best crops to produce in his farm based on the soil nutritional content and environmental parameters. An android application for remote parameter monitoring is also being developed, which will be used by farmers to display various farm parameters via IoT.

Brief Plan of Activities and Implementation Timeline:

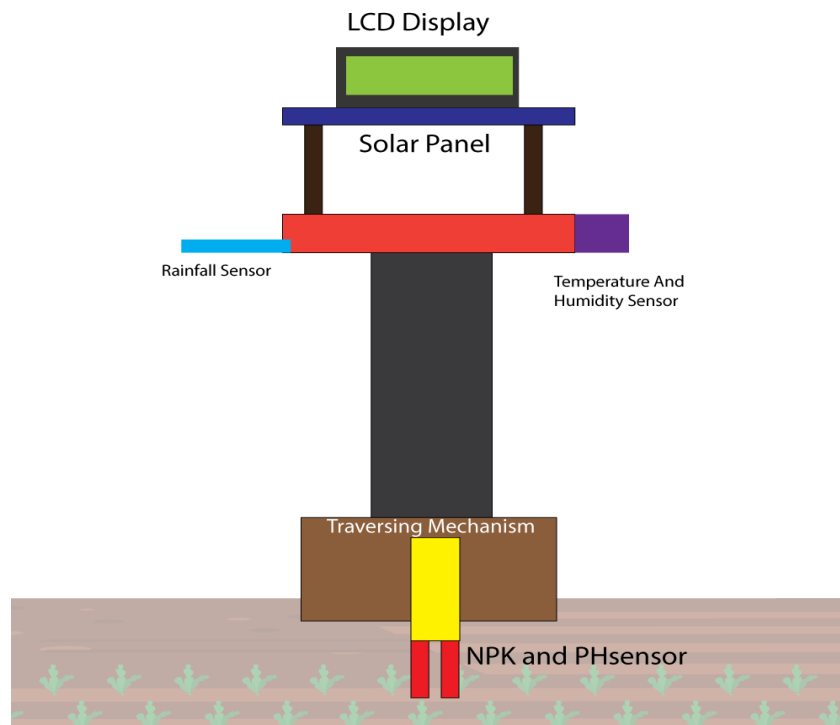
S.no	Timeline	Plan Of Activities
1.	March(1 st & 2 nd week)	Literature review and Material survey.
2.	March(3 rd & 4 th week)	Development of IOT protocol.
3.	April & May (Entire 2 months)	Development of different parameter system and data collection for testing.
4.	June(1 st , 2 nd & 3 rd weeks)	Design of Hardware and PCB fabrication.
5.	June (4 th week) & July (1 st week)	Software, Android App and Web Application development.
6.	July(2 nd , 3 rd & 4 th weeks)	Programming and Optimization.

- **Timeline For Work:** 5 Months

Methodology, Materials and Financial Resources:

As shown in the conceptual diagram the system consists of the smart system for crop prediction and fertilizer suggestion using machine learning and IOT. The proposed project consists of **two parts**, the smart device to be installed in the farms and the IOT portal to notify the farmers. Smart device monitors the NPK content of the soil to analyze the nutritional content and the fertilizer requirement. Sensor interfaced to the controller detects if the soil requires fertilizer and what type of the fertilizer. Data set obtained is used to train a machine learning model which can be used for crop prediction. The IOT based system consist of an android application which can

be used by farmers for monitoring the different parameters in the farm and also for visualizing the suggestions from the machine learning based system. The entire system is solar powered making it green eco-friendly and cost efficient to operate or afford for farmers.



- References used for adopting the methodology:
 - i. Jejurkar Siddhi, S.S. Bhosale Meghna, D. N. Wavhal, “Crop Predication and Diseases Detection Using Machine Learning”, International Journal of Scientific Research in Computer Science Engineering and Information Technology (2019).
 - ii. Kumar, Y. Jeevan Nagendra, V. Spandana, V. S. Vaishnavi, K. Neha, and R. R. Devi, “Supervised Machine learning Approach for Crop Yield Prediction in Agriculture Sector”, International Conference on Communication and Electronics Systems (ICCES), IEEE (2020).
 - iii. Archana Gupta, Dharmil Nagda, Pratiksha Nikhare, Atharva Sandbhor, “Smart Crop Prediction using IoT and Machine Learning”, International Research Journal of Engineering and Technology (IRJET) (2021).
- Materials/ Equipment Required:
 - Hardware:
 - Raspberry PI SBC
 - NPK sensor

- pH sensor
- LCD display
- Temperature Sensor
- Humidity Sensor
- Rainfall Sensor
- Buzzer
- DC motors
- CP2102 USB Serial Module
- L298N motor Driver
- Solar panel
- Charge controller
- Battery
- An Android Device with Android 5+ operating system
- A system with following specifications
 - 4 GB RAM (8 GB recommended)
 - Core i3/i5 processor
 - At least 3 GB of free disk Space
 - Operating system Windows/Mac/UBUNTU
 - 1280 x 800 minimum screen resolution

SOFTWARE:

- Thonny IDE
- Android Studio
- WAMP Server
- Serial Monitor

Budget Details:

S.No.	Resources	Amount
1.	Materials and Consumables	80,000
2.	Travel and Labour	15,500
3.	Miscellaneous	5,500

Total: 1,01,000

- **Outcomes/ Impact of the Project:**

1. The system can help farmers automatically detect the nutritional content of the soil.
2. The system is internet controlled, hence no limitation of working range as it can be visualized from any part of the world.
3. There is no need for farmers to take the soil to soil testing centres as entire testing happens in the farm itself.
4. Fertilizer intimation system alerts the farmers with type of fertilizer to be given from time to time.
5. The system can be used ML based model for crop suggestion which suggests farmers with the best suitable crops for the field which can deliver maximum produce.
6. System is scalable as is uses machine learning.
7. The sensor nodes give all the live data to the farmer using internet.
8. System is solar powered hence cost free and easy to operate.

Thus, leading to a higher yield to the farmers.

Funding From Any Other Sources: NA



ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಜಿಲ್ಲಾ ಪಂಚಾಯತ, ಬೆಳಗಾವಿ.

ಗ್ರಾಮ ಪಂಚಾಯತ ಕಾರ್ಯಾಲಯ, ಅಮ್ಮಣಗಿ

ತಾ:-ಹುಕ್ಕೇರಿ, ಜಿ:- ಬೆಳಗಾವಿ

GRAM PANCHAYAT KARYALAY, AMMANAGI.

Tal:- Hukeri , Dist :-Belgaum


Ref. G.P. /No:ಗ್ರಾಪಂಚ/ವಿವ/2021-22/

Date : 23/02/2022

Appreciation Certificate

With reference to the UBA Meeting No.:HSIT/NDS/UBA-meeting-03/2021-22, Dated : 4th Feb. 2022, We are very much thankful to participating institute (PI) Hirasugar Institute of Technology, Nidasoshi for adopting our village Ammanagi under Prime Minister Flagship program Unnat Bharat Abhyan. This is to certify that institute has been conducted collaborative village and household surveys of our village on 3rd-9th, September 2021 successfully.

We express our gratitude to the institute for considering our recommendations and findings of survey reports in the technology proposals of Subject Expert Groups (SEGs). We are happy to continue the same cooperation and coordination in future for the technology intervention of the institute for holistic development of our village.


R.P. Shale
ಸಂ. ಅಭಿವೃದ್ಧಿ ಅಧಿಕಾರಿ / ಅಧ್ಯಕ್ಷರು
ಗ್ರಾಮ ಪಂಚಾಯತ, ಅಮ್ಮಣಗಿ
ತಾ.ಹುಕ್ಕೇರಿ ಜಿ.ಬೆಳಗಾವಿ
Seal of P.D.O./Chairman GP