



S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi.*Inculcating Values, Promoting Prosperity*

Approved by AICTE, New Delhi, Permanently Affiliated to VTU, Belagavi

Recognized under 2(f) & 12B of UGC Act, 1956

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

EEE Dept.**EESSA****Activity Report****2021-22
(Even Sem)****DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.**

| | |
|--|--|
| Date of Activity | 29/06/2022 |
| Time | 11.00AM to 1.00PM |
| Type of Activity (Co-curricular) | Project Exhibition & Selection of best 3 projects |
| Resource Person: | 1)Dr.R. R. Maggavi 2)Prof. S. D. Hirekodi |
| Professional Details of Resource Persons/Guests | 1) Asso. Processor, Dept. of ECE, HIT Nidasoshi 2) Asst. Professor, Dept. of EEE, HIT Nidasoshi |
| Year / Class – | IV Year |
| No. of students- | 34 |
| Activity In charge- | Prof. M. P. Yenagimath |

Description of Activity:

Project Exhibition was arranged on 29/06/2022 for final year students. The nine batches of final year projects were exhibited during project exhibition. Prof. M. P. Yenagimath project coordinator and activity in charge welcomed the gathering. Dr. B. V. Madiggond, HOD, EEE, inaugurated the activity and addressed the gathering and appreciated the innovativeness of the project work. Dr. R. R. Maggavi and Prof. S. D. Hirekodi were invited as evaluators for project exhibition cum selection of best projects. During project exhibition, selection of three best projects was carried out. The faculty of EEE department, second year and third year students were present during the exhibition.


29/6/22
Event Coordinator


29/6/22
EESSA Coordinator


HOD



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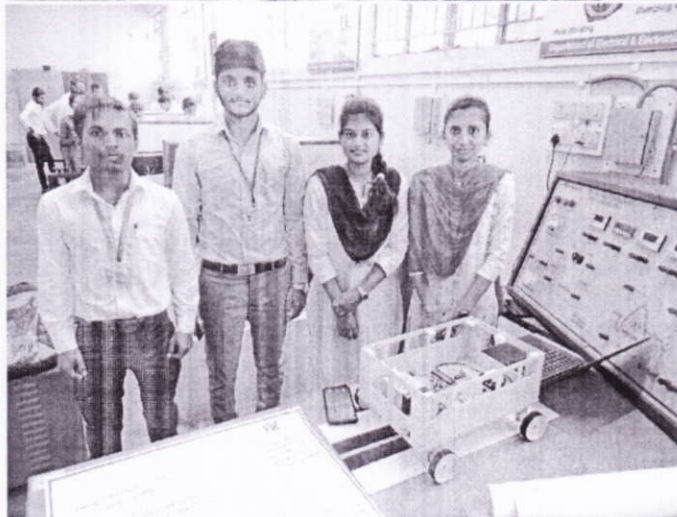
EEE Dept.

EESSA

Activity Report

2021-22
(Even Sem)

Activity Photographs: Project Exhibition & Selection of best 3 projects



[Signature]
29/6/22

Event Coordinators

[Signature]
29/6/22

EESSA Coordinator

[Signature]

HOD



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E&E Engg. Dept.

Academics

Best Project

2021-22

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.**Best Three Projects for AY 2021-22**

Date: 29/06/2022

| Sl. No. | Name of Student | Title of the Project | Guide Name | Relevance to POs | Relevance to PSOs | Remarks |
|---------|---------------------|--|--------------------------|------------------|-------------------|---------|
| 1 | Akhilesh Patil | Real Time Protection of Three Phase Induction Motor | Shri. A. U. Neshti | PO1 to PO12 | PSO1 & PSO2 | FIRST |
| | Ashwat Karadigudd | | | | | |
| | Naveenkumar Gokanvi | | | | | |
| | Hanamant Bhoomar | | | | | |
| 2 | Soumya Mangavati | FARMINARM- IoT Enabled Smart Unique Solution in Vertical Farming with real time Monitoring | Dr. B. V. Madiggond | PO1 to PO12 | PSO1 & PSO2 | SECOND |
| | Sanobar Gadampalli | | | | | |
| | Asmita Shinde | | | | | |
| 3 | Laxmi Katate | Implementation of Advanced Battery Charging System for Electric Vehicles | Shri. O. B. Heddurshetti | PO1 to PO12 | PSO1 & PSO2 | THIRD |
| | Triveni Benawadi | | | | | |
| | Mahantesh Elavi | | | | | |
| | Sourab Sannakki | | | | | |

Evaluators:

1. Dr. R. R. Maggavi
2. Shri. S.D.Hirekodi

29/06/22
29/6/22

29/06/2022
 Shri. M. P. Yenagimath
 Project Coordinator

29/6/22
Dr. B. V. Madiggond
 Prof. & Head BE,ME,Ph.D.
 Dept. of Electrical & Electronics Engg.
 HIT NIDASOSHI-591 236



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Academics

Project Phase-II

2021-22

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Best Project Evaluation Sheet

| Batch No. | Title of the Project | Relevance of the Project in present context (10) | Innovativeness & creativity (10) | Review of Literature & related studies (10) | Mathematical Modeling/Hardware/Software Implementations (10) | Results & discussion (20) | Conclusion & Future Scope (20) | Question & Answer (20) | Total (100) |
|-----------|--|--|----------------------------------|---|--|---------------------------|--------------------------------|------------------------|-------------|
| B1 | Real Time Protection of Three Phase Induction Motor | 10 | 10 | 09 | 10 | 20 | 20 | 17 | 96 |
| B2 | Simulation & Analysis of Distribution Network for Optimal Placement & Sizing of Distributed Generators | 08 | 08 | 08 | 06 | 20 | 20 | 17 | 87 |
| B3 | Implementation of Advanced Battery Charging System for Electric Vehicles | 09 | 09 | 09 | 08 | 19 | 19 | 18 | 91 |
| B4 | Design & Implementation of Controller using Fuzzy Logic for Grid Connected Solar PV System | 08 | 08 | 08 | 08 | 18 | 18 | 17 | 85 |
| B5 | Predicting Cascading Failures in Power Grids using Machine Learning Algorithms | 08 | 08 | 08 | 08 | 18 | 18 | 15 | 83 |



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Academics

Project Phase-II

2021-22

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Best Project Evaluation Sheet

| Batch No. | Title of the Project | Relevance of the Project in present context (10) | Innovativeness & creativity (10) | Review of Literature & related studies (10) | Mathematical Modeling/Hardware/Software Implementations (10) | Results & discussion (20) | Conclusion & Future Scope (20) | Question & Answer (20) | Total (100) |
|-----------|--|--|----------------------------------|---|--|---------------------------|--------------------------------|------------------------|-------------|
| B6 | A Bidirectional Power Converter for Electric Vehicles in V2G Systems | 07 | 07 | 07 | 06 | 17 | 18 | 16 | 82 |
| B7 | FARMINARM- IoT Enabled Smart Unique Solution in Vertical Farming with real time Monitoring | 09 | 09 | 09 | 09 | 19 | 19 | 19 | 93 |
| B8 | Solar Powered Automatic Lawn Cutting Machine | 08 | 08 | 06 | 06 | 15 | 15 | 18 | 76 |
| B9 | T-Box Wind Power Generator | 08 | 08 | 08 | 08 | 16 | 17 | 15 | 80 |

Judge Name: 1. Dr. R. R. Maggavi (ECE Dept.)

2. Prof. S. D. Hirekodi (EEE Dept.)

Prof. M.P. Yanagimath

Project Coordinator

Dr. Basavaraj V. Madiggond

HOD. E.E.
Electrical & Electronics Dept.
Hirasugar Institute of Technology
NIDASOSHI-591 236



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2021-22
(Even Sem)**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.**

Dr. Basavaraj V. Madiggond

Head of the Department

Contact No: +91 9343454993

Ref. No: HIT/EEE/21-22/

Date: 28/06/2022

To,

Dr. R. R. Maggavi

Asso. Professor, Dept. of E&C

Hirasugar Institute of Technology, Nidasoshi

Subject: Invitation as a Jury Member for Best Project Selection.

Dear Sir,

Department of Electrical and Electronics Engineering is organizing Best Project Selection process for final year Students on **29th June 2022** at **11:00 AM**. So, kindly I request you to evaluate EEE department final year projects as a jury member for the selection and award best three projects as per NBA criteria.

Kindly accept our invitation for the same and oblige.

With Regards,

*Received
Raggar**28/6/22*

H. O. B.

Electrical & Electronics Engg.
Hirasugar Institute of Technology
NIDASOSHI-591236



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(Even Sem)****DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.**

Dr. Basavaraj V. Madiggond

Head of the Department

Contact No: +91 9343454993

Ref. No: HIT/EEE/21-22/

Date: 29/06/2022

To,

Dr. R. R. Maggavi

Asso. Professor, Dept. of E&C

Hirasugar Institute of Technology, Nidasoshi

Dear Sir,

I am very much thankful to you for accepting our invitation and evaluating final year students projects on 29-06-2022 in our department. We expect same cooperation in near future also.

Thanking you,

Received
Rappai
30/06/22

29/6/22
R. R. D.
Electrical & Electronics Engg
Hirasugar Institute of Technology
NIDASOSHI-681230