



JSPM's
Imperial College of Engineering and Research, Wagholi, Pune.
(Approved by AICTE, Delhi & Govt. of Maharashtra, affiliated to SavitribaiPhule Pune University)
Gat.No.720,Pune-Nagar road,Wagholi,Pune,412207
Phone No. 020-67335102 website: www.icoer.in Email- principal.imperial2016@gmail.com



PROF. DR.T.J.SAWANT
FOUNDER SECRETARY

DR.R.S.DESHPANDE
PRINCIPAL

DEPARTMENT OF E&TC ENGINEERING

EVENT REPORT

| | | |
|---|-------------------------|--|
| 1 | Name of the Event | "Embedded system Design using MSP430"IOT Applications |
| 2 | Day & Date of the Event | 24 th Mar - 28 th Mar 20 |
| 3 | Time of the Event | 9:00 AM to 3:30 PM |
| 4 | Venue of the Event | Research Lab, E&TC Dept., B- Building , Imperial college of Engineering & Research |

| Sr no | Objective | Expected Outcome |
|-------|---|---|
| 1 | To create atmosphere among student about awareness of Embedded System | Trough event awareness atmosphere about Embedded system Developed |
| 2 | To motivate students for training E&Tc engg software's | Motivated to students for participation to various training of software's |

Description:

(a) Introduction, Theme & Objective:

Introduction: Texas instrument is a global semiconductor design and manufacturing company which sells it to electronic designers & Manufactures globally. The Texas instruments university program is dedicated to supporting engineering educators, researches & students world wide

Theme: To improve Technical Skill of B.E. E&TC students.



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Objective: The main purpose behind organizing this event was to motivate and create awareness of students on Embedded system using MPS430 and Owing to the fact that Embedded is one of the ultra low power microcontroller to develop an application such as handheld measurements ,security ,sports and home automation for individuals going forward. There is a rapid proliferation in the market for the individuals who are equipped with this skills.

(b) Conduction

The course was conducted for students to enhance their knowledge .This course included

- >Introduction to ultra low power Microcontroller
- >MSP 430 Microcontroller
- > LED with GPIO
- > Interrupt programming
- > Temperature Sensor interfacing
- >IOT application real time data Monitoring

(C) Students response, participation & outcome:

Students Response: Students Response:

The response to the workshop was appreciable. The covered technical topic which were found to be helpful and the program were well placed within the time limits. The topic of workshop was placed in an organized manner which helped student in many aspect. Students participated in the workshop; they got guidance of guests and asking about their queries. They found it useful.

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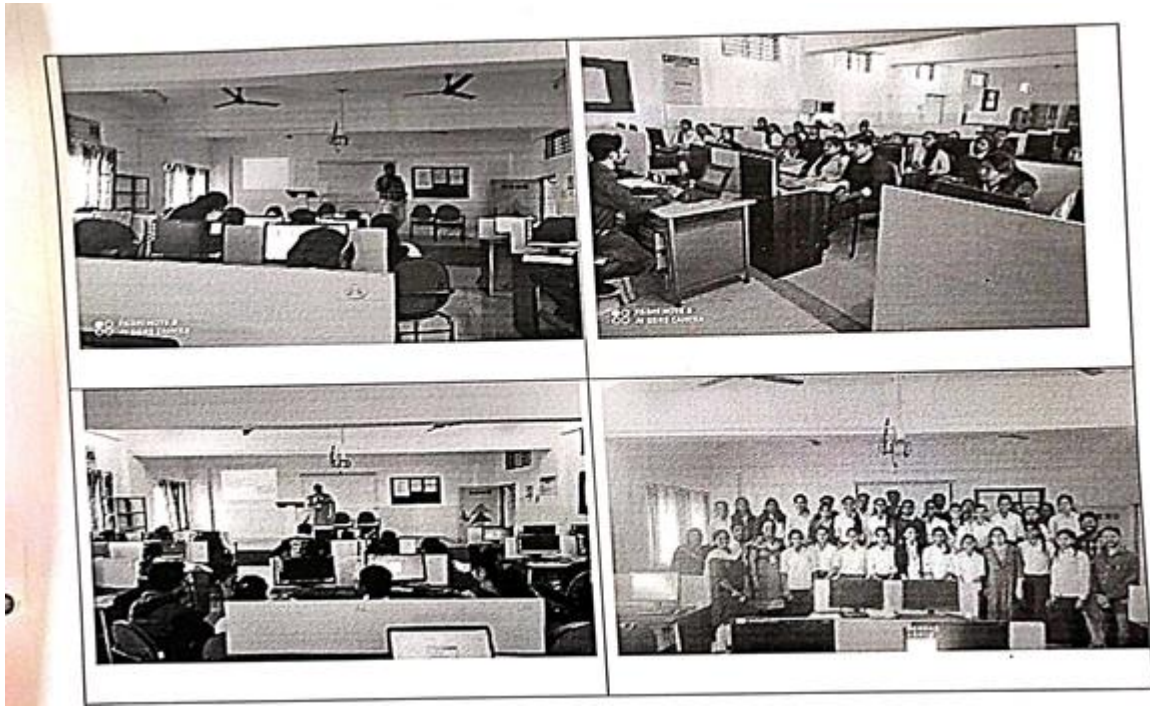
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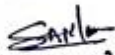


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Sign: 
Name: S.A. More
Event Representative

Sign: 
Name: H.N. Dhonwate
Faculty Coordinator

Sign: 
Name: A. Sawant
HOD

List of the students Enrolled



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Department of Electronics and Telecommunication Engineering

Time: 1:00 to 4:00pm
Topic Name: Embedded & IOT
23rd March - 23rd April
Total Enroll-

| Roll No. | Name of Student | Sign |
|----------|-------------------------------|------|
| 1 | Aditya Yashwant Gaikwad | |
| 2 | Aishwarya Jitendra Deshmane | P |
| 3 | Akshay Ashok Godse | P |
| 4 | Akshay Sanjay Bendale | P |
| 5 | Shubhada Rajesh Jambhulkar | P |
| 6 | Ayush Satpathi | P |
| 7 | Bhavesh Devendrakumar Vandole | P |
| 8 | Digambar Tupurwadi | P |
| 9 | Nilkanth Vivek | P |
| 10 | Farhatsultana Momin | P |
| 11 | Gandje Kshitija Chandrakant | P |
| 12 | Garkal Rushikesh Rajendra | P |
| 13 | Gayatri Vilas Deshmukh | P |
| 14 | Hardik Chhagan Mane | P |
| 15 | Harshada Bhagwat | P |
| 16 | Harshraj | P |
| 17 | Himani Prashant Supe | P |
| 18 | Janhavi Jadhao | P |
| 19 | Kaldate Rohit Dhanaji | P |
| 20 | Kanifnath Shinde | P |
| 21 | Kaushik Salve | P |
| 22 | Khade Prashant Sampat | P |
| 23 | Kirti Gopal Kamdi | P |
| 24 | Laxmi Bhaskar Gavande | P |
| 25 | Lohar Adarsh Hari | P |
| 26 | Machale Rushikesh Pandit | P |
| 27 | Malwadkar Deepak Dattatray | P |
| 28 | Manisha Pathe | P |
| 29 | Mansee Bandal | P |
| 30 | Md Tahir Ali | P |
| 31 | Nikhil Somnath Gorade | P |



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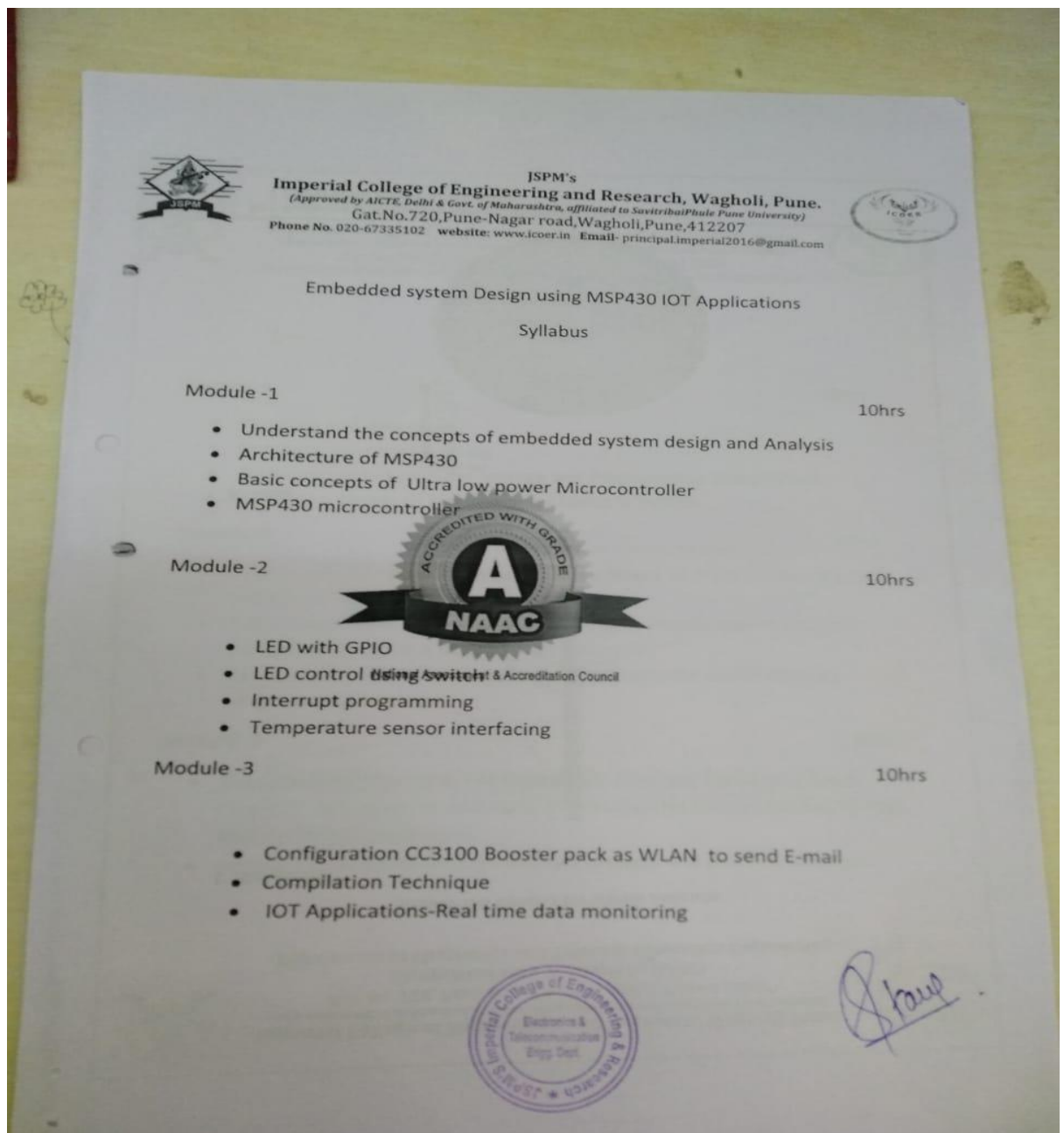


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Curriculum



Assessment Procedure of program



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| S.NO | Name of the student | Presentation Skill(10) | Content Knowledge(10) | Q/A(10) | Total(30) |
|------|-------------------------------|------------------------|-----------------------|---------|-----------|
| 1 | Aditya Yashwant Gaikwad | 8 | 7 | 6 | 21 |
| 2 | Aishwarya Jitendra Deshmane | 7 | 7 | 6 | 20 |
| 3 | Akshay Ashok Godse | 6 | 6 | 5 | 17 |
| 4 | Akshay Sanjay Bendale | 6 | 5 | 5 | 16 |
| 5 | Shubhada Rajesh Jambhulkar | 7 | 6 | 6 | 19 |
| 6 | Ayush Satpathi | 7 | 7 | 5 | 19 |
| 7 | Bhavesh Devendrakumar Vandole | 8 | 6 | 6 | 22 |
| 8 | Digambar Tupurwadi | 6 | 6 | 5 | 19 |
| 9 | Nilkanth Vivek | 7 | 6 | 5 | 18 |
| 10 | Farhatsultana Momin | 8 | 7 | 5 | 20 |
| 11 | Gandle Kshitija Chandrakant | 6 | 6 | 4 | 14 |
| 12 | Garkal Rushikesh Rajendra | 7 | 7 | 6 | 20 |
| 13 | Gayatri Vilas Deshmukh | 8 | 6 | 6 | 22 |
| 14 | Hardik Chhagan Mane | 7 | 7 | 5 | 19 |
| 15 | Harshada Bhagwat | 6 | 6 | 4 | 14 |
| 16 | Harshraj | 8 | 6 | 4 | 18 |
| 17 | Himani Prashant Supe | 5 | 5 | 4 | 14 |
| 18 | Janhavi Jadhao | 6 | 5 | 4 | 15 |
| 19 | Kaldate Rohit Dhanaji | 6 | 6 | 4 | 14 |
| 20 | Kanifnath Shinde | 7 | 6 | 4 | 17 |
| 21 | Kaushik Salve | 8 | 6 | 5 | 19 |
| 22 | Khade Prashant Sampat | 5 | 5 | 5 | 15 |
| 23 | Kirti Gopal Kamdi | 7 | 6 | 5 | 18 |
| 24 | Laxmi Bhaskar Gavande | 6 | 6 | 4 | 16 |
| 25 | Lohar Adarsh Hari | 5 | 5 | 5 | 15 |
| 26 | Machale Rushikesh Pandit | 5 | 5 | 4 | 14 |
| 27 | Malwadkar Deepak Dattatray | 7 | 6 | 5 | 18 |
| 28 | Manisha Pathe | 6 | 5 | 4 | 15 |
| 29 | Mansee Bandal | 6 | 5 | 5 | 16 |
| 30 | Md Tahir Ali | 7 | 6 | 4 | 17 |

Sample Attendance sheets



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Department of Electronics and Telecommunication Engineering

Time: 1:00 to 4:00 pm. Topic Name: Embedded & IOT

19-20
28 March - 2nd April

| Roll No. | Name of Student | Sign Session 1 | Sign Session 2 | Sign Session 3 | Sign Session 4 | Sign Session 5 | Sign Session 6 |
|----------|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 1 | Aditya Yashwant Gaikwad | A | P | P | P | A | |
| 2 | Aishwarya Jitendra Deshmane | P | P | A | P | A | |
| 3 | Akshay Ashok Godse | P | P | P | A | A | |
| 4 | Akshay Sanjay Bendale | A | P | P | P | P | |
| 5 | Shubhada Rajesh Jambhulkar | A | P | P | P | P | |
| 6 | Ayush Satpathi | A | A | P | P | P | |
| 7 | Bhavesh Devendrakumar | P | P | A | P | P | |
| 8 | Digambar Tupurwadi | P | P | A | A | P | |
| 9 | Nilkanth Vivek | P | A | P | P | P | |
| 10 | Farhatsultana Momin | P | P | A | A | P | |
| 11 | Gandle Kshitija Chandrakant | P | P | A | P | P | |
| 12 | Garkal Rushikesh Rajendra | A | P | P | P | A | |
| 13 | Gayatri Vilas Deshmukh | P | A | P | P | A | |
| 14 | Hardik Chhagan Mane | P | A | P | P | P | |
| 15 | Harshada Bhagwat | P | P | A | A | P | |
| 16 | Harshraj | A | P | P | P | A | |
| 17 | Himani Prashant Supe | P | P | A | A | P | |
| 18 | Janhavi Jadhao | P | A | P | P | A | |
| 19 | Kaldate Rohit Dhanaji | A | P | P | P | P | |
| 20 | Kanifnath Shinde | P | P | P | P | A | |
| 21 | Kaushik Salve | P | P | P | A | P | |
| 22 | Khade Prashant Sampat | P | P | P | A | P | |
| 23 | Kirti Gopal Kamdi | P | A | P | P | P | |
| 24 | Laxmi Bhaskar Gavande | A | P | P | P | P | |
| 25 | Lohar Adarsh Hari | P | P | A | P | A | |
| 26 | Machale Rushikesh Pandit | P | P | P | A | P | |
| 27 | Malwadkar Deepak Dattatray | P | P | P | P | A | |
| 28 | Manisha Pathe | P | P | P | A | P | |
| 29 | Mansee Bandal | P | A | P | P | P | |
| 30 | Md Tahir Ali | P | A | P | P | A | |



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Sample Certificate

Jaywant Shikshan Prasarak Mandal's
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 Gat.No. 720 (I&T), Pune-Nagar Road, Wagholi, Pune, www.jspmicoer.edu.in, Accredited with 'A' grade by NAAC!
 Department of Electronics and Telecommunication Engineering

Certificate of Participation!

This is to certify that,
Mr./Ms./Mrs. Kanishk Sahas,
 Of Imperial College of Engineering, Wagholi, Pune,
 has attended Five Days Add on Course on "Embedded System Design Using MSP430 IOT Application" organized by, Department of Electronics & Telecommunication Engineering, Imperial College of Engineering & Research, Wagholi, Pune, on 24th Mar 20 TO 28th Mar 20

| | | |
|--|--|---|
|  Prof. F. S. Joppanalax Faculty Coordinator |  Dr. S. K. Bhatia HOD, E&TE |  Dr. R. S. Deshpande Principal |
|--|--|---|

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 Department of Electronics and Telecommunication Engineering

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This is to certify that,
Mr./Ms./Mrs. Gayatri Vilas Deshmukh,
 Of Imperial College of Engineering, Wagholi, Pune,
 has attended Five Days Add on Course on "Embedded System Design Using MSP430 IOT Application" organized by, Department of Electronics & Telecommunication Engineering, Imperial College of Engineering & Research, Wagholi, Pune, on 24th Mar 20 TO 28th Mar 20

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This is to certify that,
Mr./Ms./Mrs. Harshada Bhagwat,
 Of Imperial College of Engineering, Wagholi, Pune,
 has attended Five Days Add on Course on "Embedded System Design Using MSP430 IOT Application" organized by, Department of Electronics & Telecommunication Engineering, Imperial College of Engineering & Research, Wagholi, Pune, on 24th Mar 20 TO 28th Mar 20

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This is to certify that,
Mr./Ms./Mrs. Nilbauth Vitek,
 Of Imperial College of Engineering, Wagholi, Pune,
 has attended Five Days Add on Course on "Embedded System Design Using MSP430 IOT Application" organized by, Department of Electronics & Telecommunication Engineering, Imperial College of Engineering & Research, Wagholi, Pune, on 24th Mar 20 TO 28th Mar 20

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|--|--|---|