



Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune
(Maharashtra)

Criterion 2: Teaching Learning & Evaluation


Key Indicator: 2.3 Teaching and Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing leaning experiences

Sr No.	Sample Documentary Evidences	
1	EXPERIENTIAL LEARNING	
	1.1	Continuous Evaluation of Students for Lab-Sample
	1.2	Industrial Visits or Site Visits
	1.3	Internship of Students in Companies
	1.4	MOU with Institute/ Industries
2	PARTICIPATIVE LEARNING	
	2.1	Student Participation in Competitions like Project and Paper Presentation.
	2.2	Workshops for Encouraging Students
	2.3	Group Discussions to Promote Communication Skills
	2.4	Seminar to Build Students Confidence

	2.5	Technical Events for Technical Skill Development
	2.6	Technical Quiz Learning
	2.7	Student Participation in Conference
3	PROBLEM SOLVING LEARNING	
	3.1	Industry Sponsored Projects
	3.2	Model Making by Student
	3.3	T. E. Mini Projects
	3.4	Participation in Hackathon
	3.5	Participation in SUPRA




Principal
 Rajgad Dnyanpeeth's
 Shri Chhatrapati Shivajiraje College of Engg.
 Dhangawadi, Pune-412206

1. Continuous Evaluation for Lab

Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Pune.
PROGRESSIVE PRACTICAL INTERNAL CONTINUOUS ASSESSMENT RECORD SHEET

Department : E&TC

Class : T.E.

Batch : T₂

Subject : Power

Sem : 1/II

Academic Year : 2018-2019

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Roll No.	Name of Student	SCR Characteristics						MOSFET / IGBT						Semiconverter						Full Converter						Dc chopper						1-φ Ac Volt. Controller						Over Volt. Protection ckt						Signature of Student	
		21/11/19						28/11/19						4/12/19						11/2/19						4/13/19						8/3/19						25/3/19							Total out of
Title of Experiment		1 (P/A)	2 (DC)	3 (MR)	4 (MP)	5 (MU)	6 (TM)	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	Total out of	
1833021	Pangare Sandhya A.	P	28/1	3	4	3	10	P	4/2	3	4	3	10	P	11/2	3	4	3	10	P	4/3	3	4	3	10	P	8/3	3	4	3	10	P	25/3	3	4	3	10	P	1/4	3	4	3	10		
1833022	Papal Sneha R.	P	28/1	3	2	2	07	P	4/2	3	2	2	07	P	11/2	3	2	2	07	P	4/3	3	2	2	07	P	8/3	3	3	2	08	P	25/3	3	2	1	06	P	1/4	3	2	2	07		
1833023	Patil Pankaj N.	A	4/2	2	4	2	08	P	11/2	3	3	2	08	P	11/2	3	3	2	08	A	8/3	2	4	2	08	A	1/4	2	3	3	08	P	3/4	3	3	2	08								
1833024	Pawar Avdhoot S.	P	28/1	3	3	3	09	P	4/2	3	3	3	09	P	11/2	3	3	3	09	P	4/3	3	3	3	09	P	8/3	3	3	3	09	P	25/3	3	3	3	09	P	1/4	3	3	3	09		
1833025	Pilane Akshada B.	- NA -																																											
1833026	Salgar Dipali D.	P	28/1	3	2	2	07	A	11/2	2	3	2	07	P	4/3	3	2	2	07	P	8/3	3	2	2	07	P	25/3	3	2	2	07	A	3/4	2	3	2	07								
1833027	Shelar Pratiksha P.	P	4/2	3	2	2	07	P	11/2	3	3	2	08	P	11/2	3	2	1	06	P	8/3	3	2	2	07	P	25/3	3	2	2	07	P	1/4	3	2	2	07								
1833028	Shirwalkar Neha R.	P	4/2	3	4	2	09	P	11/2	3	3	2	08	A	4/3	2	3	3	08	P	4/3	3	2	2	07	P	8/3	3	3	2	08	P	25/3	3	2	2	07	P	1/4	3	3	3	09		
1833029	Yadav Pooja S.	P	28/1	3	3	3	09	P	4/2	3	3	2	08	P	11/2	3	2	2	07	P	4/3	3	3	3	09	P	8/3	3	3	2	08	P	25/3	3	2	2	07	P	1/4	3	3	2	08		
1833030	Bhelke Aarti J.	P	28/1	3	3	3	09	P	4/2	3	3	3	09	P	11/2	3	3	3	09	P	4/3	3	4	2	09	P	8/3	3	3	3	09	P	25/3	3	3	3	09	P	1/4	3	4	2	09		
1833031	Ghadage Priyanka	P	28/1	3	3	3	09	P	4/2	3	4	3	10	P	11/2	3	3	2	08	P	4/3	3	3	3	09	P	8/3	3	3	2	08	P	25/3	3	4	3	10	P	1/4	3	3	3	09		
1833032	Kadale Pratul P.	P	4/2	3	3	2	08	P	4/2	3	2	2	07	P	4/3	3	4	2	09	P	4/3	3	3	2	08	P	8/3	3	2	2	07	A	1/4	2	4	3	09	P	1/4	3	3	2	08		
1833033	Kanade Nikita C.	P	28/1	3	3	3	09	P	4/2	3	4	3	10	P	11/2	3	3	2	08	P	4/3	3	3	3	09	P	8/3	3	4	3	10	P	25/3	3	3	2	08	P	1/4	3	3	3	09		
1833034	Khot Sweeti L.	P	28/1	3	3	3	09	P	4/2	3	3	2	08	P	11/2	3	4	3	10	P	4/3	3	4	2	09	P	8/3	3	3	2	08	P	25/3	3	4	3	10	P	1/4	3	4	2	09		
1833035	Madgude Akshay L.	A	-	-	-	-	-	A	-	-	-	-	-	A	-	-	-	-	-	A	-	-	-	-	-	A	-	-	-	-	-	A	-	-	-	-	-	-	-						
1833036	Mulla Minaj T.	P	28/1	3	3	3	09	P	4/2	3	4	3	10	P	11/2	3	4	3	10	P	4/3	3	3	2	08	P	8/3	3	3	2	08	P	25/3	3	3	3	09	P	1/4	3	3	3	09		
1833037	Pawar Suyali S.	P	28/1	3	4	3	10	P	4/2	3	3	3	09	P	11/2	3	3	2	08	P	4/3	3	4	3	10	P	8/3	3	3	3	09	P	25/3	3	3	2	08	P	1/4	3	4	2	09		
1833038	Dhaigude Shilpa	P	28/1	3	3	3	09	P	4/2	3	4	2	09	P	11/2	3	3	2	08	P	4/3	3	4	3	10	P	8/3	3	3	3	09	P	25/3	3	3	3	09	P	1/4	3	3	3	09		
1833039	Devdikar S. S.	A	4/2	2	3	2	07	P	4/2	3	2	2	07	A	4/3	2	3	2	07	P	8/3	3	2	1	06	A	25/3	2	3	3	08	P	1/4	3	2	1	06	A	3/4	2	3	3	08		

J. J.
Prof. J. J. Bandal
 Name & Sign of Subject Incharge

(P/A) : Present / Absent

DC : Date of Completion

MR : Marks for regularity (03)



MP : Marks for Performance (4)

MU : Marks for Understanding (3)

T. M. Dudhane
Prof. T. M. Dudhane
 Head of Department
 Head of Department
 Dept. of E&TC Engineering
 Shri Chh. Shivajiraje College of Engg.
 Dhangwadi, Pune 412206 (10)

Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Pune.
PROGRESSIVE PRACTICAL INTERNAL CONTINUOUS ASSESSMENT RECORD SHEET

Department : E & TC

Class : T.E.

Batch : T2

Subject :- Power

Sem : I/II

Academic Year : 2018-2019

Scanned by CamScanner

Roll No.	Name of Student	Speed Control of DC Shunt Motor																		Total out of (10)	Signature of Student												
		Date <u>11/11/19</u>																															
		1 (P/A)	2 (DC)	3 (MR)	4 (MP)	5 (MU)	6 (TM)	1	2	3	4	5	6	1	2	3	4	5	6			1	2	3	4	5	6	1	2	3	4	5	6
1833021	Pangare Sandhya A.	P	3/4	3	4	3	10																							80	10	Pangare Sandhya A.	
1833022	Papal Snehal R.	P	3/4	3	2	2	7																							56	07	Papal Snehal R.	
1833023	Patil Pankaj N.	P	3/4	3	3	2	8																							64	08	Patil Pankaj N.	
1835024	Pawar Avdhoot S.	P	3/4	3	3	3	9																							72	09	Pawar Avdhoot S.	
1833025	Pilane Akshada B.	NA																															
1833026	Salgar Dipali D.	P	3/4	3	2	2	7																							56	07	Salgar Dipali D.	
1833027	Shelar Pratiksha P.	P	3/4	3	3	2	8																							64	08	Shelar Pratiksha P.	
1833028	Shirwalkar Neha R.	P	3/4	3	3	2	8																							64	08	Shirwalkar Neha R.	
1833029	Yadav Pooja S.	P	3/4	3	3	3	9																							72	09	Yadav Pooja S.	
1833030	Bhelke Aarti J.	P	3/4	3	4	2	9																							72	09	Bhelke Aarti J.	
1833031	Ghodage Priyanka S.	P	3/4	3	3	3	9																							72	09	Ghodage Priyanka S.	
1833032	Kadule Prafull P.	P	3/4	3	3	2	8																							64	08	Kadule Prafull P.	
1833033	Kanade Nikita C.	P	3/4	3	3	3	9																							72	09	Kanade Nikita C.	
1833034	Khot Sweeti L.	P	3/4	3	4	2	9																							72	09	Khot Sweeti L.	
1833035	Madgude Akshay L.	A	-	-	-	-	-																										
1833036	Mulla Minaj T.	P	3/4	3	3	3	9																							72	09	Mulla Minaj T.	
1833037	Pawar Sayali S.	P	3/4	3	4	2	9																							72	09	Pawar Sayali S.	
1833038	Dhaigude Shilpa	P	3/4	3	3	3	9																							72	09	Dhaigude Shilpa	
1833039	Devdikar S.S.	P	3/4	3	2	2	7																							56	07	Devdikar S.S.	

J.J. Bandal
Prof. J.J. Bandal
Name & Sign of Subject Incharge

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MU : Marks for Understanding (3)

Total Marks (10)



T.M. Dudhane
Prof. T. M. Dudhane
Head of Department
Head of Department
Dept. of E & TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

Date: 16/01/2018

NOTICE

All the students are hereby informed that a visit is scheduled VCB Electronics pvt.ltd on 19/01/2018 10.00 am.

*Student's attendance is compulsory



HOD

Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Dept: E &TC Engineering

Academic Year: 2017-18

INDUSTRIAL VISIT REPORT

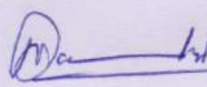
- 1) **Class:** B.E E& TC
- 2) **Name of Industry:** VCB Electronics Pvt. Ltd.
- 3) **Date & Time:** 19/01/2018 & 10.00am To 4.00 pm
- 4) **Present Students:** 28
- 5) **Contact Person with Designation & Phone No.:** Mr. B. S. Bhosale –CEO
- 6) **Name of Faculty:** Prof. M. S. Sapate and Prof. D. U. Dalavi
As a part of academic curriculum, we visited the above industry. We observed & studied the following things.

Content of studies:

- 1 Study of Power Supplies
- 2 Studies of Ac-Dc Converters
- 3 Studies of Dc-Dc Converters
- 4 Studies of Electronic Goods

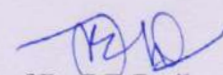


Staff of VCB Electronics Guiding students of B.E E&TC


Prof. D. U. Dalavi
Visit Coordinator




Prof. T. M. Dudhane
HOD
Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206


Prof. Dr. S. B. Patil
Principal
Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.,
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Department of Electronics & Telecommunication
Academic Year(2017-18)

BE STUDENT LIST 2017-18

Sr.No.	Roll No.	Name of the Students	Sign
1	1743001	Bathe Nisha Narayan	<i>[Signature]</i>
2	1743002	Maner Mohammadasif Usman	— AB —
3	1743003	Waghmode Vikram Jagannath	— AB —
4	1743004	Bade Deepak Ambadas	<i>[Signature]</i>
5	1743005	Patane Ankita Ashok	<i>[Signature]</i>
6	1743006	Kadam Yogesh Maruti	— AB —
7	1743007	Nigade Sonali Popat	<i>[Signature]</i>
8	1743008	Pawar Pooja Mukund	<i>[Signature]</i>
9	1743009	Bhargude Arati Dnyaneshwar	<i>[Signature]</i>
10	1743010	Dhavale Pooja Vijay	P.V.D.
11	1743011	Pilane Usha Sampat	<i>[Signature]</i>
12	1743012	Jadhav Avinash Arun	— AB —
13	1743013	Kadam Rohit Suryakant	<i>[Signature]</i>
14	1743014	Gole Mayur Mohan	— AB —
15	1743015	Ombale Suraj Somnath	<i>[Signature]</i>
16	1743016	Vare Jyotsana Ananda	<i>[Signature]</i>
17	1743017	Parthe Akshay Vitthal	<i>[Signature]</i>
18	1743018	Khopade Amar Vijay	<i>[Signature]</i>
19	1743019	Pawar Shraddha Dilip	<i>[Signature]</i>
20	1743020	Jadhav Monika Maruti	<i>[Signature]</i>
21	1743021	Asalekar Prachi Dilip	<i>[Signature]</i>
22	1743022	Kshirsagar Jyoti Ashok	<i>[Signature]</i>
23	1743023	Khopade Swapnil Sitaram	<i>[Signature]</i>
24	1743024	Tanpure Akshay Kisan	<i>[Signature]</i>
25	1743025	Shivatare Prajakta Chandrakant	<i>[Signature]</i>
26	1743026	Dhamal Nikhil Ganpat	<i>[Signature]</i>
27	1743027	Dhamal Rakshanda Vijay	<i>[Signature]</i>
28	1743028	Yadav Yogesh Suresh	<i>[Signature]</i>
29	1743029	Malusare Pooja Arjun	<i>[Signature]</i>
30	1743030	Shahapure Ram Prabhakar	<i>[Signature]</i>
31	1743031	Nevase Akshay Sahebrao	— AB —
32	1743032	Shaikh Aishabanu Aslam	— AB —
33	1743033	Mahangare Poonam Ganesh	<i>[Signature]</i>
34	1743034	Kadam Kranti Aandrao	<i>[Signature]</i>
35	1743035	Landage Annu Devidas	<i>[Signature]</i>
36	1743041	KAMBLE SUMIT BALU (P)	— AB —
37	1743046	SURYAVANSHI SNEHAL Z	— AB —

[Handwritten signature]

Total Present :- 28
 Absent :- 09



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HOD
 E & TC Engineering Dept.
 Shri Chhatrapati Shivaji Rajee
 College Of Engineering, Dhange
 Tal-Bhor, Dist-Pune, Pin-412206

॥ प्रत्यन्तितो ज्ञानमयः प्रदिपः ॥

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

Dr. Bhagyashree s. Patil
Hon. secretary

Anantrao Thopte
Founder President
Ex. Education Minister
Maharashtra State



Date: 15/01/2018

To,
Managing Director,
Address: Gat No.760, Khed Shivapur,
Tal - Haveli, Dist- Pune, Maharashtra 412205

Subject: - Regarding permission for visit at VCB Electronics

Respected Sir,

Our Rajgad Dnyanpeeth Technical Campus's, Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi (Bhor) is affiliated to Savitribai Phule Pune University. As per the curriculum of Savitribai Phule Pune University for Final year students of E and TC Engineering, it is mandatory to visit industry. It enhances the skill of students to encourage creative thinking process to help them to get confidence about the actual industrial work. Details about number of students & tentative dates are given below,

- No of Students- 37
- No of Faculty members-02
- Tentative Date-19/01/2018

Kindly do the needful.

Thanking you.

Prof. T. M. Dudhane

H.O.D

Head of Department

Dept. of E& TC Engineering

Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206



*Permitted to visit on
Borhaste 19/01/18*

Prof. Dr. S. B. Patil

Principal

Principal

Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.,
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

Date: -16/01/2018

To,
The Principal,
RD's SCSCOE
Dhangawadi, Bhor

Subject-Regarding Permission for Visit to VCB Electronics, Khed Shivapur, pune

Respected Sir,

As per above subject, kindly grant permission for industrial visit for B.E E&TC students on 19/01/2018.


Total students for the visit are 37 hence grant permission for following staff to accompany for the visit.

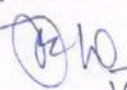
1. Prof.M.S.Sapte
2. Prof.D.U.Dalavi

I also request you to grant bus facility for the same at 10.00am

Thanking You,




Sincerely,
Prof.D.U.Dalavi

Allowed

16/01/2018

॥ प्रचलितो ज्ञानमयः प्रदिपः ॥

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

Dr. Bhagyashree s. Patil
Hon. secretary

Anantrao Thopte
Founder President
Ex. Education Minister
Maharashtra State



Date: 19/01/2018

To,
Mr.B.S.Bhosale
VCB Electronics
Khed shivpur,Pune

Subject: Expression of gratitude.

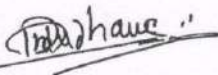
Dear Sir/Madam

This is an appreciation for your valuable time and interest for successfully conduction of visit to your VCB electronics company dated 19/01/2018 for students of our Institute

We are very thankful to you for sharing your knowledge, experience and sparing time to guide our students. Hope you will extend your support and cooperation in future also

Thanking you.





Prof.T.M.Dudhane

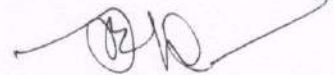
HOD

Head of Department

Dept. of E& TC Engineering

Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

permitted to visit & received
B.S.Bhosale



Prof.Dr.S.B.Patil

Principal

Principal

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

Date: -17/01/2018

To,
The Principal,
RD's SCSCOE,
Dhangawadi

Subject: - About requirement of bus facility for academic visit

Respected Sir,

As per Curriculum of Savtribai Phule Pune University Pune, we have industrial visit for BE E & TC students. We have decided to visit at **VCB Electronics Pvt. Ltd.** Address: Gat No.760, Khed Shivapur, Tal - Haveli, Dist- Pune, Maharashtra 412205

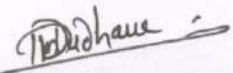
In this context we need bus facility on **19th Jan. 2018 at 10:00 am** from our College Campus.

Kindly do the needful

Thanking You.



Prof.D.U.Dalavi
Visit Coordinator



Prof. T.M. dudhane
Head of Department
Dept. of ~~EC~~ Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

DBM Infotech Pvt Ltd

992/993/13, Vijayraj Building, Rajendra nagar, Navi peth, Pune 411030
E-mail Id: Vishal_khatal@dbminfotech.co.in Mobile No.- +919028179297

Memorandum of Understanding between RDTC-SCSCOE Campus
&
DBM Infotech, Pune

This Memorandum of Understanding (hereinafter referred to as "MoU") is entered into on this day i.e. 13/03/2018

Between:

RDTC-SCSCOE Campus, Dist—Pune, Maharashtra. (hereinafter referred to as "The College") an institution of higher learning founded in 2009 Affiliated to Savitribai Phule Pune University's Approved by AICTE, New Delhi.

And

DBM Infotech, Pune (hereinafter referred to as "The Industry")

The College and The Industry shall be collectively referred to as "The Parties"

In furtherance of their mutual interest in improvement of academic, technical and employability skills of the students of the college and as a contribution to the social and economic development of the region, The Parties mentioned above hereby agree to and adopt the following Memorandum of Understanding.

Article 1: The Purpose of the Agreement

The Parties are committed to enhancement of academic skills of the students of The College, educational excellence, collaborative work, intellectual freedom and equality of educational and employment opportunities.

Some broad goals of this MoU are:

1. Take into consideration the aspects of the subject required by the industries for possible future inclusion in the curricula
2. Enhance the understanding of the students through field experience
3. Make students independent and responsible towards learning and social inclination
4. Build a network of learning community & Industries.

Article 2: General Activities and Services

The Parties will voluntarily undertake the following:

1. Organizing workshops and other activities.
2. Create scope for curriculum development and enrichment
3. Encourage joint research activities
4. Extension Activities and dissemination of new knowledge

DBM Infotech Pvt Ltd

992/993/13, Vijayraj Building, Rajendra nagar, Navi peth, Pune 411030
E-mail Id: Vishal_khatal@dbminfotech.co.in Mobile No.- +919028179297

Article 3: Role of the College

Following are the roles identified for The College

1. Provide academic support to the Industry.
2. Provide assistance in the form of student interns as and when required.
3. Support and promote DBM Infotech employees to pursue their higher education.
4. Initiate and support exchange of human resource on case to case basis.

Article 4: DBM Infotech, Pune

Following are the roles identified

1. Provide opportunities for students and faculty members to upgrade their skills in allied industries.
2. Grant access to the industry its facilities as and when required with prior approval
3. Voluntarily Support research efforts in exploring new ideas.
4. Initiate and support exchange of human resource on case to case basis.

Article 5: Duration and termination of MoU

This MoU shall remain in force for a period of five years commencing from the date of signing of this document. The Parties reserve the right to terminate this MoU by either party giving one month written notice to the other. Where such termination occurs, the provisions of this Memorandum shall continue to apply to ongoing activities until their completion.

Article 6: Amendments

Amendments to this MoU must be in writing and approved by the designated representatives of each party. The terms / clauses / articles in this MoU can be reviewed by mutual consent by serving one month written notice to the other party. New or amended terms / clauses / articles may be agreed as part of a renewed MoU.

Article 7: Statement of Intent

Nothing in this MoU shall be construed to as creating any legal relationships between The Parties. This MoU is a statement of intent to foster genuine and mutually beneficial collaboration.



Mr. Vishal Khatal
CEO,
DBM INFOTECH PVT LTD



PRINCIPAL
Rajgad Dnyanpeeth Technical Campus
Shri Chhatrapati Shivajiraje College Of Engineering
Dhangawadi, Bhor, Dist-Pune (M.S.), 412205



Dr. Bhagyashree s. Patil
Hon. secretary

Anantrao Thopte
Founder President
Ex. Education Minister
Maharashtra State

Date: 20/07/2015

Department of Electronics & Telecommunication

Invitation Letter

To,
Prof. T. M. Dudhane
HOD (E & TC)
RDTC's SCSCOE,
Pune.

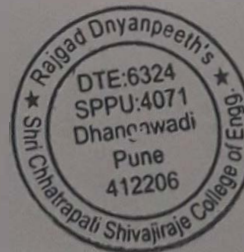
Respected Sir,

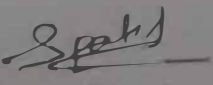
On behalf of Rajgad's SCSCOE College, I am very pleased to have the honor of inviting you to deliver lecture at our college as part of the Faculty Development Program. We would like you to engage lecture on "Departmental Administration and AICTE Norms"

We will be arranging the Program for your session as per your convenience. We are expecting approximately 50 faculty from Our Institute.

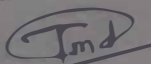
Please let us know if you will require any audio-visual equipment or additional technological support. I look forward to meeting you at our Campus.

Best wishes.




Event Coordinator

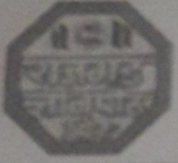
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Principal
Principal

Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.,
Dhangawadi, Pune-412206



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal - Bor, Dist- Pune (Maharashtra)

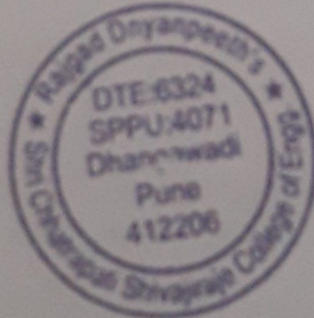
Department of Electronics & Telecommunication

Date: 20/07/2015

NOTICE

All Teaching Staff are hereby informed that Faculty Development program on "Departmental Administrative & AICTE Norms" is organized on 25/07/2015 at 10.00 am onwards in seminar Hall.

Event Coordinator



HOD

Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal - Bhor, Dist- Pune (Maharashtra)

Department of Electronics & Telecommunication

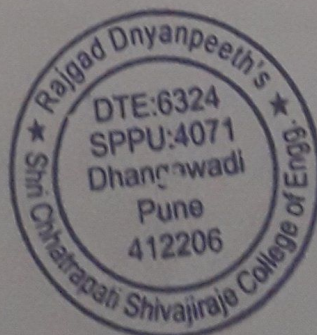
Faculty Development Program on "Departmental Administration & AICTE Norms"

Day:25/7/2015

SYLLABUS COVERED DURING FDP	
TIME	TOPICS
11am - 11:15am	Sarswati Pujan
11:15am-11:30am	Introduction of Expert
11:30am-11:45pm	Tea Break
11:45 pm -2.00 pm	AICTE Norms A. Essential and Desired requirements for Technical Institution. B. Norms for Intake & Number of Courses / Divisions in the Technical Institutions. C. Land Requirements for Technical Institutions D. Laboratory Equipments and Experiments. E. Norms for Faculty requirements and Cadre Ratio for Technical Institution. F. Books, Journals and Library facilities.
2.00pm - 3.00 pm	Lunch Break
3.00 pm -4:30 pm	A. List of Departmental Files B. List of Departmental Committee cells
4:30pm - 5.00 pm	Vote of Thanks

Spatil
Event Coordinator

Prof. S. P. Patil





Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal - Bor, Dist- Pune (Maharashtra)

Department of Electronics & Telecommunication Engineering

FDP on "Departmental Administration & AICTE Norms"

Department: E & TC

Name of Expert: Prof. T. M. Dudhane

Title of Session: Departmental Administration & AICTE Norms

Date & Day: 25/7/2015 & Saturday

Duration: 1 Day

Staff Present: 31

Coordinator : Prof. S. P. Patil

Objective:

Main Objective was to explore the staff with what exactly are the rules and regulations of Departmental Administration and AICTE Norms to showcase the ideas and to get familiar about it which is very necessary to implement it in respective departments and Laboratories of the Colleges.

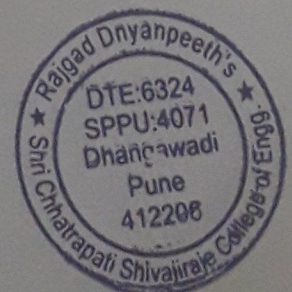
Description:

The Goal of Session was to create awareness rules and regulations of Departmental Administration and AICTE Norms. The session is very useful and informative. The session clears the idea of list of files in respective department and Laboratory, list of committee and members, AICTE Norms for department establishment and leave policies. We wish that such active interaction will be carried further to update knowledge about rules and Regulations of University and College.

At the end of session, Mr. S. P. Patil thanked every staff for their active participation and interest in activities conducted in the college by the department. He promised that department will continue its assistance in conducting these sort of workshops and seminars in future too. He personally felt very happy for the response of the Staff and satisfied with the Mr. T. M. Dudhane conducted the workshop. He mentioned about the marvelous support given by the Principal and the department in conducting these faculty Development programs.

Conclusion:

The Faculty Development program got the overwhelming Response and found very beneficial for college staff and responsible for future growth of Institution.

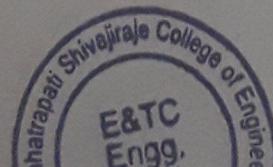


Rajgad Dnyanpeeth's
RAJGAD DNYANPEETH TECHNICAL CAMPUS, DHANGAWADI.
 Shri Chhatrapati Shivajiraje College of Engineering

**Attendance Sheet for FDP on "Departmental Administration & AICTE
 Norms"**

Day 1: Date 25/7/2015

Sr No	Name of Staff	Signature
1.	Prof. Dighe S.S.	
2.	Ms. Salunke S.P.	
3.	Prof. Supte M.S.	
4.	Prof. L.M. Sagale	
5.	Prof. Shinde S.R.	
6.	Prof. Thube M.V.	
7.	Prof. Jadhav G.S.	
8.	Mr. Deshmukh A.B.	
9.	Prof. Gholve M.H.	
10.	Mr. Dorse A.R.	
11.	Prof. Kulkarni A.B.	
12.	Prof. Velapure A.S.	
13.	Ms. Sonawane A.P.	
14.	Mrs. Kale J.G.	
15.	Mrs. Sondkar A.S.	
16.	Prof. Anwar M.A.	
17.	Prof. R.S. Jamdar	
18.	Prof. Biradar R.R.	
19.	Prof. Jadhav Y.G.	
20.	Prof. Sutar S.R.	
21.	Mr. Borde J.P.	





Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal - Bhor, Dist- Pune (Maharashtra)

Faculty Feedback Form

- **Name of FDP:** Departmental Administrative & AICTE Norms
- **Location:** RD's SCSCOE, Dhangawadi.
- **Date:** 25/07/2015

Please respond to the following statements by using the 4-point rating scale to indicate the extent to which you agree or disagree with each statement. Please Tick (✓) in the relevant cell

4= Strongly Agree 3= Agree 2= Disagree 1= Strongly Disagree

Parameter	4	3	2	1
1. FDP objectives were stated clearly and met.	✓			
2. The FDP was well organized.		✓		
3. The information and/or skills presented were relevant and useful	✓			
4. The presenter(s) provided adequate time for questions and answered them satisfactorily.	✓			
5. This FDP increased my knowledge and skills in Earth science.	✓			
6. The information and/or skills presented were relevant and useful.	✓			
7. The physical arrangements were adequate.		✓		
8. How would you rate this FDP?	✓			
9. How comfortable are teaching the material presented in this FDP?		✓		

10. Suggestions for improving this FDP:

Arrange more ~~for~~ material for such
F.D.P's



Name & Sign of faculty

Ms. Atapkar S.P.



Faculty Feedback Form

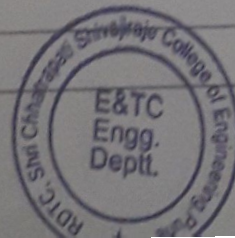
- Name of FDP: Departmental Administrative & AICTE Norms
- Location: RD's SCSCOE, Dhangawadi.
- Date: 25/07/2015

Please respond to the following statements by using the 4-point rating scale to indicate the extent to which you agree or disagree with each statement. Please Tick (✓) in the relevant cell

4= Strongly Agree 3= Agree 2= Disagree 1= Strongly Disagree

Parameter	4	3	2	1
1. FDP objectives were stated clearly and met.	✓			
2. The FDP was well organized.	✓			
3. The information and/or skills presented were relevant and useful		✓		
4. The presenter(s) provided adequate time for questions and answered them satisfactorily.	✓			
5. This FDP increased my knowledge and skills in Earth science.	✓			
6. The information and/or skills presented were relevant and useful.	✓			
7. The physical arrangements were adequate.		✓		
8. How would you rate this FDP?	✓			
9. How comfortable are teaching the material presented in this FDP?	✓			

10. Suggestions for improving this FDP:



RJS

Rajgad Dnyanpeeth's
Sri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

Dr. Bhagyashree s. Patil
Hon. secretary

Anantrao Thopte
Founder President
Ex. Education Minister
Maharashtra State



Date: 24/03/2015

Department of Electronics & Telecommunication

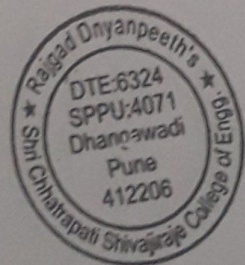
Appreciation Letter

To,
Prof. T. M. Dudhane
HOD (E & TC)
RDTC's SCSCOE,
Pune

Respected Sir,

We would like to take this opportunity to thank you on behalf of RDTC's SCSCOE, Dhangwadi for taking FDP on 'Departmental Administration & AICTE Norms', Conducted on 25/7/2015. It was obvious that you are extremely knowledgeable in your field. It has been seen that everyone participated in workshop captivated by the sessions. We come to know various rules and regulations of Departmental administration and session has cleared the ideas of AICTE norms. Area of your expertise in is truly fascinating and would ask that you consider a repeat performance at some future date.

Thanking you.



Received
[Signature]

[Signature]

Principal
Principal
Rajgad Dnyanpeeth's
Sri Chhatrapati Shivajiraje College of Engg.
Dhangawadi: Pune-412206

About The Program

The FDP will help faculty members to interact, exchange ideas and share knowledge on Departmental Administration & AICTE norms.

Main Topics include:

➤ **AICTE Norms**

A. Essential and Desired requirements for Technical Institution.

B. Norms for Intake & Number of Courses / Divisions in the Technical Institutions.

C. Land Requirements for Technical Institutions

D. Laboratory Equipments and Experiments.

E. Norms for Faculty requirements and Cadre Ratio for Technical Institution.

F. Books, Journals and Library facilities.

➤ **Departmental Files**

➤ **Departmental Committee cell**

Resource Person:

Prof. T. M. Dudhane

Department of Electronics & Telecommunication,

Rajgad Dnyanpeeth Technical Campus
Shri Chhatrapati Shivajiraje College Of Engineering.

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

S. No. 237, Satara-Pune, NH-4,
Dhangawadi, Tal: Bhor, Dist: Pune
(Maharashtra)

Faculty Development Program On "Departmental Administration & AICTE Norms"

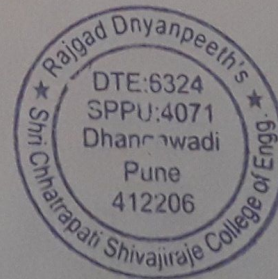
Organized By:

Department of Electronics and
Communication Engineering

On

25/7/2015

॥ प्रज्वलितो ज्ञानमयः प्रदीपः ॥



Important Dates

Last date of Registration: 22 July 2015
Intimation of Confirmation: 23rd July 2015
Max. No. of seats: 50
(Registration on first come first serve basis)

Address for Communication

Rajgad Dnyanpeeth Technical Campus
Shri Chhatrapati Shivajiraje College Of
Engineering.
S. No. 237, Satara-Pune, Nh-4,
Dhangawadi, Tal: Bhor, Dist: Pune
(Maharashtra)

For any query, Contact:

1. Prof. M. S. Sapte

Mob: +91-9456833548

2. Prof. S.P. Patil

Email: sapatil@gmail.com

Mob: +919209200310

Memorandum of Understanding between Trend Innovations

&

RDTC-SCSCOE

This Memorandum of Understanding (hereinafter referred to as "MoU") is entered into on this date 05/03/2018.

Between:

Trend Innovations, S. No. 23, Hissa No. 3/1, Near Abhinav college road, Narhe, Pune, Maharashtra, India 411041

RDTC-Shri Chhatrapati Shivajiraje College of Engineering-Bhor, Dist—Pune, Maharashtra, (hereinafter referred to as "The College")
an institution of higher learning founded in 2009 Affiliated to **Savitribai Phule Pune University's Approved by AICTE, New Delhi.**

The College and The Industry shall be collectively referred to as "The Parties"

In furtherance of their mutual interest in improvement of Academics, Technical Enhancements and Improving Employability Skills of the students as a contribution to the Social and Economic development of the region, The Parties mentioned above hereby agree to and adopt the following Memorandum of Understanding.

Article 1: The Purpose of the Agreement

The Parties are committed to enhancement of academic skills of the students of the college, educational excellence, collaborative work, intellectual freedom and equality of educational and employment opportunities.

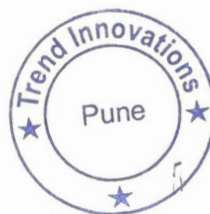
Some broad goals of this MoU are:

1. Take into consideration the aspects of the subject required by the industries for possible future inclusion in the curricula
2. Enhance the understanding of the students through field experience
3. Make students independent and responsible towards learning and social inclination
4. Build a network of learning community & Industries.

Article 2: General Activities and Services

The Parties will voluntarily undertake the following:

1. Create scope for curriculum development and enrichment
2. Encourage joint research activities
3. Extension Activities and dissemination of new knowledge



Article 3: Trend Innovations, Nahre, Pune

Following are the roles identified

1. Provide opportunities for students and faculty members to upgrade their skills in allied industries.
2. Grant access to the industry its facilities as and when required with prior approval
3. Voluntarily Support research efforts in exploring new ideas.
4. Initiate and support exchange of human resource on case to case basis.

Article 4: Role of the College

Following are the roles identified for The College

1. Provide academic support to the Industry.
2. Provide assistance in the form of student interns as and when required.
3. Support and promote employees to pursue their higher education.
4. Initiate and support exchange of human resource on case to case basis.

Article 5: Duration and Termination of MoU

This MoU shall remain in force for a period of ten years commencing from the date of signing of this document. The Parties reserve the right to terminate this MoU by either party giving one month written notice to the other. Where such termination occurs, the provisions of this Memorandum shall continue to apply to ongoing activities until their completion.

Article 6: Amendments

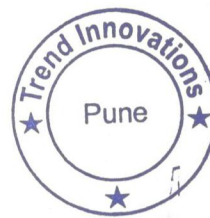
Amendments to this MoU must be in writing and approved by the designated representatives of each party. The terms / clauses / articles in this MoU can be reviewed by mutual consent by serving one month written notice to the other party. New or amended terms / clauses / articles may be agreed as part of a renewed MoU.

Article 7: Statement of Intent

Nothing in this MoU shall be construed to as creating any legal relationships between The Parties. This MoU is a statement of intent to foster genuine and mutually beneficial collaboration.




Authorized Sign & Seal




5/3/18
Authorized Sign & Seal

NATIONAL CONFERENCE ON RESEARCH, DESIGN AND DEVELOPMENT IN
ENGINEERING, MANAGEMENT & SCIENCES
ON 18 / 03 / 2017

ORGANISED BY

RAJGAD DNYANPEETH TECHNICAL CAMPUS

(Shri Chhatrapati Shivajiraje College of Engineering)

Dhangawadi, Tal: Bhor, Dist: Pune (Maharashtra)

Website: www.rajgad.edu.in Email: scscoe@gmail.com

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AES Journals in Engineering , Technology & Management

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CERTIFICATE FOR BEST PAPER PRESENTATION

shinde Rajesh.

This is to certify that Rathod Sunil, Bhokare Swati, Shivatore Aniket, Dhiwar Pradip, Sathe Swapnil
has presented a paper entitled Comparative Pushover Analysis of Rcc, steel And composite
High Rise Building Frame (G+11) By Using Etabs.

in the NATIONAL CONFERENCE ON RESEARCH, DESIGN AND DEVELOPMENT IN ENGINEERING, MANAGEMENT & SCIENCES (NC-RDD-EMS -
2017) on 18 /03/2017 at RAJGAD DNYANPEETH TECHNICAL CAMPUS (Shri Chhatrapati Shivajiraje College of Engineering) Dhangawadi,
Tal: Bhor, Dist: Pune (Maharashtra). The presentation of this paper was judged as the best paper presentation among the papers presented in
the session.

Co-Convener
Prof. S. K. Pawar

Convener
Prof. Dr. S. B. Patil

Editor - AES Journals
Dr. G. R. Kulkarni

Patron
Hon'ble Dr. Bhagyashri Patil

Chief Patron
Hon'ble Anantrao Thopte

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

REPORT OF EVENT PROJECT COMPETITION-2017

Department: Civil Engineering

Day & Date: Friday, 17.03.2017

Chief Guest: Mr. Nitin Kadam, Director, Disha Academy, Wai.

Event Coordinator: Prof. G. S. Jadhav, HOD, Dept of Civil Engg.

Departmental Event Coordinator: Asst. Prof. S. P. Salunkhe

Objective:

The Main objectives of the project competition were to improve quality of life of people, improving environment and contributing to economic development of nation.

Description:

The "Project Competition-2017" was opened by Mr. Nitin Kadam, Director, Disha Academy, Wai in the presence of Principal of RDTC, all HODs of respective departments, faculty members and students. Total 15 project groups were for this Project Competition. There were four members in the jury committee. The final evaluation process completed by jury members and finalized the 2 (Two) groups as 1st rank and 2nd rank.

Result of Project Competition Event A.Y. 2016-17

Gr. No.	Name of Students	Project Title	Class	Rank
1	Dheeraj Jagtap, Chetan Baviskar, Prasanna Nalavade, Manasi Jarad	Design of traffic control system	B. E. Civil	Winner
2	Sunil Rathod, Swati Bhokare, Aniket Shivtare, Swapnil Sathe, Pradeep Dhivar	Comparative pushover analysis of RCC, Steel and Composite high rise building (g+11) by using ETABS	B. E. Civil	Runner up

Finally, award ceremony program was conducted on 17th March 2017, from 4.00 pm to 5.00 pm and announced the name of winner teams of innovative projects with attractive price and rank

Certificates were distributed to the students with blessings of the chief guest and principal of RDTC.

The selected innovative project ideas will be completed by students under the guidance of respective departmental faculty member/members with under observation of respective departmental head. The students will prepare a proposal for getting fund for prototype development of their projects along with detail description of their proposed project, outline of project work and approximate costing of the proposed project. The prepared proposal will be submitted to the event coordinate for further procedure.

Conclusion:

This competition has provided a platform to the budding engineers to showcase their creative and innovative project ideas to compete in the global competitive engineering field.

The following photographs show the sweet memories of this event.



Students manifesting the guests their projects



Students explaining their Projects and interaction with Guests

Prof. G. S. Jadhav
Event Coordinator

Prof. Dr. S. B. Patil

Principal
Principal

Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.,
Dhangawadi, Pune-412206



Event Name: Project competition

Event Date-17 March 2017

Venue-

1. Dept. of Civil engineering:-Drawing hall-
2. Dept. of Mechanical engineering:- Drawing hall-
3. Dept. of Computer engineering:- Computer central lab
4. Dept. of E & Tc engineering:- Drawing hall-

Topic/Themes: B.E project respective branches

Rules Regulations & Details:

1. Participant – as per group
2. Entry Fee Per Group – 250/-
3. Project should be present in form of model or PPT
4. Duration-10 min.

Prizes: 1st Prize – 1000/-

Event Coordinator – Prof G. S. Jadhav (HOD, Dept of Civil Engg)

Department wise Event Coordinator –

Asst. Prof. S. P. Salunkhe
Asst. Prof. D.U. Dalvi
Asst. Prof. A. S. Sonkar
Asst. Prof. J. P. Borude

Civil
E&TC
Computer
Mechanical



RajgadDnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

DEPT. OF ELECTRONICS AND TELECOMMUNICATION ENGG.

Date: 30th Sep 2017

NOTICE

All T.E.& B.E. students are hereby informed that Department of E&TC Engineering has scheduled Workshop on “Arduino Uno and Raspberry-Pi Introduction and Mini Projects” from 03rd Oct 2017 to 07th Oct 2017 . All are informed to attend the same.

Venue: 209, Seminar Hall

Date: 03rd Oct 2017 to 07th Oct 2017

Time: 10:00 a.m. to 5:00 p.m.



**Prof. T.S. Zende
Coordinator**



**Prof. T.M. Dudhane
HOD**

Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206



Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

Dr. Bhagyashree s. Patil
Hon. secretary

Anantrao Thopte
Founder President
Ex. Education Minister
Maharashtra State



Date: 23rd Sept 2017

INVITATION LETTER

To,

Mr. Sujit Sakhare

Akshay Electronics

Survey No: 131/ 1B/3/2

Opp. Sapling Nursery, Ram indu Park lane ,

Mhalunge-Baner Road, Baner

Pune-411045

Subject: Invitation for conducting workshop on "Arduino Uno and Raspberry-Pi Introduction and Mini Projects" from 3rd Oct 2017 to 07th Oct 2017.

Dear Sir,

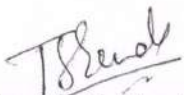
It gives us immense pleasure to announce that RD's Shri Chhatrapati Shivajiraje College of Engineering, Department of E&TC Engineering have scheduled a workshop on "Arduino Uno and Raspberry-Pi Introduction and Mini Projects" from 3rd Oct 2017 to 07th Oct 2017 for students of our Institute.

It gives us great pleasure to invite you workshop


Please, accept this invitation and acknowledge the same.

Thanking You,

Yours truly,


Prof. T. S. Zende
Coordinator




Prof. T. M. Dudhane
HOD E&TC

Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

Date: 03-10-2017

Five Days Workshop on Arduino Uno and Raspberry Pi Introduction to Mini Projects

1st Day (Date: 03.10.2017)

Sr.No.	Time	Contents
1	10.00 am to 10.30am	<ul style="list-style-type: none">• Introduction Ceremony
2	10.30am to 12.00pm	* Introduction to the Internet of Things <ul style="list-style-type: none">• The Internet of Things• The Basics of Sensors & Actuators
3	12.00am to 12.45pm	LUNCH
4	12.45am TO 2.45pm	<ul style="list-style-type: none">• The Basics of Sensors & Actuators
5	2.45pm to 3.00pm	TEA BREAK
6	3.00pm to 5.00pm	<ul style="list-style-type: none">• Introduction to Cloud Computing

2nd Day (Date: 04.10.2017)

Sr.No.	Time	Contents
1	10.00am to 12.00pm	The Arduino Platform The Arduino Open-Microcontroller Platform
2	12.00am to 12.45pm	LUNCH
3	12.45am TO 2.45pm	<ul style="list-style-type: none">• Arduino Basics• Arduino Board Layout & Architecture
4	2.45pm to 3.00pm	TEA BREAK
5	3.00pm to 5.00pm	<ul style="list-style-type: none">• Project 1: Simple LED Program for Arduino• Project 2: Integrating Sensors & Reading Environmental Physical Values.

3rd Day (Date: 05.10.2017)

Sr.No.	Time	Contents
1	10.00am to 12.00pm	Understanding and Introduction to Raspberry Pi



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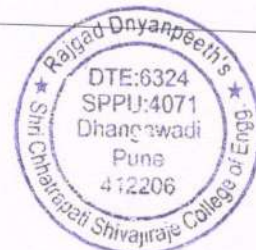
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		<ul style="list-style-type: none">• What is SOC?• Versions of Raspberry Pi & Their Difference
2	12.00am to 12.45pm	LUNCH
3	12.45am TO 2.45pm	OS Installation on SD Card <ul style="list-style-type: none">• Downloading Image• Study Various Operating Systems Available• Making SD Card: Formatting and Partitions• Raspberry Pi SD Installer
4	2.45pm to 3.00pm	TEA BREAK
5	3.00pm to 5.00pm	OS Configuration <ul style="list-style-type: none">• Booting Into Desktop• GUI Version• CLI Desktop• Changing Timezone

4th Day (Date: 06.10.2017)

Sr.No.	Time	Contents
1	10.00am to 12.00pm	Network Setup <ul style="list-style-type: none">• Setting Up Using GUI• Setting Up Using Command Line• Finding Pi's IP Address• Connecting with Wi-Fi/ LAN/ Datacard
2	12.00am to 12.45pm	LUNCH
3	12.45am TO 2.45pm	Using Python <ul style="list-style-type: none">• Understanding Python• Condition Statement• Loops• Importing Libraries
4	2.45pm to 3.00pm	TEA BREAK
5	3.00pm to 5.00pm	Linux <ul style="list-style-type: none">• Understanding Linux



Rajgad Dnyanpeeth's

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		<ul style="list-style-type: none">• File Structure• Linux Commands• Permission
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5th Day (Date: 07.10.2017)

Sr.No.	Time	Contents
1	10.00am to 12.00pm	<ul style="list-style-type: none">• Project 1: LED Program with Raspberry Pi• Project 2: Controlling LED with a Switch using Raspberry Pi.• Project 3: Integrating IR Sensor with Raspberry Pi.
2	12.00pm to 12.45pm	LUNCH
3	12.45pm TO 2.45pm	<ul style="list-style-type: none">• Discussion on mini project selection• Guidelines for Arduino uno and Raspberry Pi based projects
4	2.45pm to 3.00pm	TEA BREAK
5	3.00pm to 5.00pm	<ul style="list-style-type: none">• Question Answers• Feedback• Vote of thanks



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Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

WORKSHOP REPORT

DEPARTMENT: E&TC

CLASS: T.E &B.E

NAME OF GUEST: Mr. Sujith Sakhare

TITLE/TOPIC: Arduino Uno and Raspberry-Pi Introduction and Mini Projects.

DATE: 03rd Oct 2017 to 07th Oct 2017

DURATION OF SESSION: 5 days

STUDENT/ STAFF PRESENT: 65/2.

CO-ORDINATOR: Prof T. S. Zende

OBJECTIVE:

Introduction to Arduino and perform simple experiments on Arduino Uno Board namely LED blinking, LCD Display, Blinking LED using ADC (Potentiometer).Introduction to Raspberrian OS.

DESCRIPTION: Department of Electronics and telecommunication organized Workshop on “Adriano Uno and Raspberry-Pi Introduction and Mini Projects” from 03rd Oct 2017 to 07th Oct 2017 in seminar hall. Arduino is an open-source hardware and software company, project and user community that designs and manufactures single-board microcontrollers and microcontroller kits for building digital devices and interactive objects that can sense and control objects in the physical and digital world. Arduino boards are available commercially in preassembled form or as do-it-yourself (DIY) kits.

Arduino board designs use a variety of microprocessors and controllers. The boards are equipped with sets of digital and analog input/output (I/O) pins that may be interfaced to various expansion boards or breadboards and other circuits. The boards feature serial communications interfaces, including Universal Serial Bus (USB) on some models, which are also used for loading programs from personal computers. The microcontrollers are typically programmed using a dialect of features from the programming languages C and C++. In addition to using traditional compiler tool chains, the Arduino project provides an integrated development environment (IDE) based on the Processing language project.



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The Arduino Uno has 14 digital input/output pins (of which 6 can be used as PWM outputs), 6 analog inputs, a 16 MHz crystal oscillator, a USB connection, a power jack, an ICSP header, and a reset button. It contains everything needed to support the microcontroller; simply connect it to a computer with a USB cable or power it with a AC-to-DC adapter or battery to get started.

"Uno" means one in Italian and is named to mark the upcoming release of Arduino 1.0. The Arduino Uno and version 1.0 will be the reference versions of Arduino, moving forward. The Uno is the latest in a series of USB Arduino boards, and the reference model for the Arduino platform. The Arduino open-sourced IDE drivers can be downloaded for free.

Features of the Arduino UNO:

- Microcontroller: ATmega328
- Operating Voltage: 5V
- Input Voltage (recommended): 7-12V
- Input Voltage (limits): 6-20V
- Digital I/O Pins: 14 (of which 6 provide PWM output)
- Analog Input Pins: 6
- DC Current per I/O Pin: 40 mA
- DC Current for 3.3V Pin: 50 mA
- Flash Memory: 32 KB of which 0.5 KB used by bootloader
- SRAM: 2 KB (ATmega328)
- EEPROM: 1 KB (ATmega328)
- Clock Speed: 16 MHz

Raspberry Pi is a trending platform. It is an alternative for Microprocessors in which many boards namely 3B, 3B+ etc are available. Students were demonstrated with downloading the O.S from the internet, they also successfully performed hands-on training during this session on the most common experiments like LED Blinking, Relay ON/OFF and Temperature sensors.



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CONCLUSION:

This workshop dealt in great detail about the performance of many mini projects that could be created by the students. Introduction to Arduino Uno 328P was also discussed in brief. The students also received the introduction about specifications of the board. After the workshop students were able to handle the board to perform/develop simple projects like turning ON/OFF the Led, Programming GPIO pins, Display message on LCD etc.

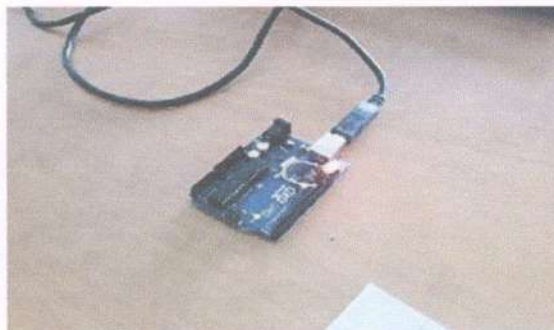
PHOTOS DURING SESSION :

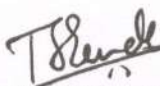


Mr. Sujith Sakhare interacting with Students during the Session

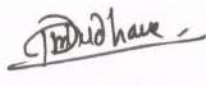


Mr. Sujith Sakhare Guiding Students during the Session




Prof T.S.Zende
Coordinator




Prof. T. M. Dudhane
HOD E&TC

Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Department of Electronics & Telecommunication
Academic Year(2017-18)
Class : TE

Subject : Workshop on Arduino Uno & Raspberry Pi Introduction & Mini Project.

Sr.No.	Roll No.	Name of the Student	Sign				
			03-10-17	04-10-17	5-10-17	6-10-17	07-10-17
1	1733001	Ambavale Reshma Rajaram	Ambavale	Ambavale	Ambavale	Ambavale	Ambavale
2	1733002	Bachate Akash Arun	ab	ab	ab	ab	ab
3	1733003	Bhilare Pankaj Harishchandra	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare
4	1733004	Bhosale Komal Ravindra	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
5	1733005	Bhosale Rajendra Arjun	ab	ab	ab	ab	ab
6	1733006	Bhosale Sayali Sambhaji	Sayali B	Sayali B	Sayali B	Sayali B	Sayali B
7	1733007	Deshmukh Awadhut Ankush	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh
8	1733008	Dhanawade Tejas Sakharam	Dhena	Dhena	Dhena	Dhena	Dhena
9	1733009	Dighe Tanaji Suresh	ab	ab	ab	ab	ab
10	1733010	Dumal Snehal Buvaso	Dumal	Dumal	Dumal	Dumal	Dumal
11	1733011	Faras Ibtasam Firoj	Faras	Faras	Faras	Faras	Faras
12	1733012	Gade Atri Sopan	ab	ab	ab	ab	ab
13	1733013	Gaikwad Pinky Prabhakar	Pinky	Pinky	Pinky	Pinky	Pinky
14	1733014	Gaikwad Vishwaraj Shankar	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad
15	1733015	Ghare Joytsna Balasaheb	ghare	ghare	ghare	ghare	ghare
16	1733016	Gole Shruti Jagannath	ab	ab	ab	ab	ab
17	1733017	Gujar Manali Shekhar	ab	ab	ab	ab	ab
18	1733018	Housare Nikhil Dadaso	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
19	1733019	Jadhav Pooja Rajaram	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
20	1733020	Jadhav Rashmi Sadashiv	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi
21	1733021	Jadhav Shital Haribhau	ab	ab	ab	ab	ab
22	1733022	Jadhav Shraddha Satish	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
23	1733023	Jadhav Vaibhav Vijay	VJ	VJ	VJ	VJ	VJ
24	1733024	Jagtap Alankar Pandurang	Jagtap	Jagtap	Jagtap	Jagtap	Jagtap
25	1733025	Jagtap Snehal Laxman	ab	ab	ab	ab	ab
26	1733026	Kasurde Ankita Atmaram	Ankitak	Ankitak	Ankitak	Ankitak	Ankitak
27	1733027	Kasurde Pratiksha Dattatray	Kasurde	Kasurde	Kasurde	Kasurde	Kasurde
28	1733028	Kindre Kiran Laxman	Kindre	Kindre	Kindre	Kindre	Kindre
29	1733029	Kondhalkar Shubham Prakash	Kondhalkar	Kondhalkar	Kondhalkar	Kondhalkar	Kondhalkar
30	1733030	Kulaye Mandar Manohar	K.M.	K.M.	K.M.	K.M.	K.M.
31	1733031	Mandhare Mukul Sanjay	ab	ab	ab	ab	ab
32	1733032	Memane Arati Pandurang	Memane	Memane	Memane	Memane	Memane



33	1733033	Mhaske Prasad Dilip	ab	ab	ab	ab	ab
34	1733034	More Manuja Arun	Morem	Morem	Morem	Morem	Morem
35	1733035	Nale Kalyani Sakharam	Nal	Nal	Nal	Nal	Nal
36	1733036	Nanaware Nilam Yashwant	ab	ab	ab	ab	ab
37	1733037	Nangude Pooja Ankush	Poojan	Poojan	Poojan	Poojan	Poojan
38	1733038	Nigade Pratiksha Chandrakant	NigadeP	NigadeP	NigadeP	NigadeP	NigadeP
39	1733039	Parte Niranjan Vijaykumar	Parte	Parte	Parte	Parte	Parte
40	1733040	Pawar Pooja Shivaji	ab	ab	ab	ab	ab
41	1733041	Ranjane Bhagyashri Ramdas	Bhagyashri	Bhagyashri	Bhagyashri	Bhagyashri	Bhagyashri
42	1733042	Raut Nayan Ankush	RautN	RautN	RautN	RautN	RautN
43	1733043	Sankpal Nikita Maruti	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal
44	1733044	Sawant Harshad Nandkumar	SawantH	SawantH	ab	SawantH	SawantH
45	1733045	Shahapure Shyam Prabhakar	ShyamS	ShyamS	ShyamS	ShyamS	ShyamS
46	1733046	Shelke Rohini Ashruba	ab	ab	ab	ab	ab
47	1733047	Shilimkar Himanshu Shivaji	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu
48	1733048	Shingade Ashwini Shankar	ab	ab	ab	ab	ab
49	1733049	Solaskar Nikhil Dadaso	Sony	Sony	Sony	Sony	Sony
50	1733050	Sonawane Archana Hanumant	Archanas	Archanas	ab	Archanas	Archanas
51	1733051	Sonawane Pallavi Sanjay	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane
52	1733052	Surve Kajal Kailas	Kajals	Kajals	Kajals	Kajals	Kajals
53	1733053	Tanpure Priyanka Yashwant	ab	ab	ab	ab	ab
54	1733054	Wagh Sharayu Nandkumar	waghs	waghs	waghs	waghs	waghs
55	1733055	Yadav Chandrakantkumar V.	Yad	Yad	Yad	Yad	Yad
56	1733056	Yadav Hrishikesh Vasant	Hrishikesh	Hrishikesh	Hrishikesh	Hrishikesh	Hrishikesh
57	1733057	Zepale Sanyog Chandrakant	Sepale	Sepale	Sepale	Sepale	Sepale

TSand
Coordinator



TM
HOD

HOD
E & TC Engineering Dept.
Shri Chhatrapati Shivaji Rajee
College Of Engineering, Dhingawadi,
Tal-Bhor, Dist-Pune, Pin-412206

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
 Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune
 (Maharashtra)

Workshop on “Arduino Uno and Raspberry Pi Introduction and Mini Project ”

Student Feedback Form

Students are required to rate the course on the following attributes using the 4 -point scale shown.

Course: [tick (✓) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Overall rating of the course content	✓			
2. Course objectives were clear	✓			
3. Clarity and relevance of textual reading material	✓			
4. The teacher was effective in communicating the content of the course	✓			
5. The teacher responded to questions in an informative, appropriate and satisfactory manner.	✓			
6. Do you have any suggestions for future workshops that you would like us to organize?	Yes, internet of things			
7. Would you recommend this course to other students?	Yes			
Any Other Comments-	Thanks for arranging such workshops			



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Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal - Bhor, Dist- Pune (Maharashtra)

Workshop on "Arduino Uno and Raspberry-Pi Introduction and Mini Projects"

Feedback Form Analysis

Students are required to rate the course on the following attributes using the 4 -point scale shown.

Course: [tick (√) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Overall rating of the course content	61.19%	20.73%	18.08%	
2. Course objectives were clear	68.11%	28.89%	3.00%	
3. Clarity and relevance of textual reading material	72.00%	17.00%	11.00%	
4. The teacher was effective in communicating the content of the course	48.00%	30.00%	22.00%	
5. The teacher responded to questions in an informative, appropriate and satisfactory manner.	54.00%	33%	13.00%	
TOTAL	60.66%	25.92%	13.42%	



Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

Dr. Bhagyashree s. Patil
Hon. secretary

Anantrao Thopte
Founder President
Ex. Education Minister
Maharashtra State



Date: 07th Oct 2017.

APPRECIATION LETTER

To,
Mr. Sujit Sakhare
Akshay Electronics
Survey No: 131/ 1B/3/2
Opp. Sapling Nursery, Ram indu Park lane ,
Mhalunge-Baner Road, Baner
Pune-411045

On behalf of the Department of E&TC Engineering of RD's Shri Chhatrapati College of Engineering Dhangwadi, Pune, we wanted to express our appreciation to you for the Workshop on "Arduino Uno and Raspberry-Pi Introduction and Mini Projects" from 3rd Oct 2017 to 07th Oct 2017. It was extremely informative and we appreciate your personally taking time to provide us with the timely information. Definitely all the participants have benefited from your talk and we are very much thankful to you for making it convenient to be here at our place.

Once again, thank you for making the workshop successful, and we appreciate your continued support in future.

Sincerely,

Received
Sakhare
07/10/2017

T. S. Zende
Prof. T. S. Zende
Coordinator



T. M. Dudhane
Prof. T. M. Dudhane
HOD E & TC

Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Gat No. 237, Pune Bangalore High-way, Dhangawadi, Tal. Bhor, Dist. -

Pune. Pincode - 412206. (M.S.), India

Telefax. : 02113-282456 / 556 / 656 Email : sscsoe@gmail.com Website : www.rajgad.edu.in



CERTIFICATE

This is to certify that Mr. Jadhav Vaibhav Vijay

from T.E E&TC has attended

5-day-Workshop on Arduino Uno and Raspberry Pi at this

College on 03rd Oct 2017 to 07th Oct 2017.

Co - Ordinator



Principal

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

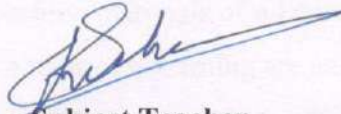
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Department of Civil Engineering


Date: 12/09/2017

NOTICE

All the students of TE Civil are hereby informed that there will be Group Discussion on “E-Learning: A Substitute for Classroom Learning?” on 15/09/2017. Attendance is compulsory to all for the Group Discussion activity.


Subject Teacher




HOD
Head of Department
Dept. of Civil Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

Department of Civil Engineering

Record of Group Discussion

Topic Name: E-Learning: A Substitute for Classroom Learning?

Date: 15/09/2017

Class: TE Civil

Time: 03pm -04 pm


Points Discussed:

- Conventional Learning
- Knowledge of E-Learning
- Comparison of E-Learning and Conventional Learning
- Benefit of E-Learning
- Drawback of E-Learning
- Virtual Classroom

Conclusion drawn from discussion:

- ❖ E-learning can save money
- ❖ E-learning can provide a paperless environment.
- ❖ E-learning has more mobility and portable.
- ❖ The teaching materials of e-learning are easy to be store.
- ❖ The contents of e-learning are easier to understand.
- ❖ There is higher accessibility of e learning contents.
- ❖ Technology Issue There is uncertainties in this subject. For instance, it is unsure that the existing technology infrastructure can accomplish the learning or training goals.
- ❖ Inappropriate Content Though limited, there are possibilities that certain E-Learning materials might contain inappropriate content. Such contents might be materials that include sensitive issues or materials that are not suitable for students.
- ❖ Cultural Acceptance There might be possibilities that student demographics and psychographics may predispose them against using computers.


Subject Incharge


Head of Department
Dept. of Civil Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412205

Class: TE

Attendance Sheet for Group Discussion

Topic Name: E-Learning: A Substitute for Classroom Learning?

Roll No	Name of the Student	Sign
1731001	Takawale Rushikesh Anil	<i>Rushikesh</i>
1731002	Bagal Akash Dilip	<i>AB</i>
1731003	Chopade Supriya Pritam	<i>Chopade</i>
1731004	Chaudhari Nitin Ramteerth	<i>Nitin</i>
1731005	Sataalkar Sunil Sudhakar	<i>AB</i>
1731006	Thorat Jagdish Umesh	<i>AB</i>
1731007	Shete Tejaswini Ramesh	<i>Tejaswini</i>
1731008	Chavan Chitanya Subhash	<i>AB</i>
1731009	Deshmukh Kiran Vilas	<i>Kiran</i>
1731010	Jagtap Dipti Chandrakant	<i>Jagtap</i>
1731011	Bhosale Rajesh Shivaji	<i>Rajesh</i>
1731012	Kumbhar Shahsank Suresh	<i>Suresh</i>
1731013	Yadav Shubham Vilas	<i>Shubham</i>
1731014	Mahamulkar Rahul R.	<i>Rahul</i>
1731015	Dhamal Nikhil Gorakh	<i>Nikhil</i>
1731016	Tarange Ganesh Tukaram	<i>Ganesh</i>
1731017	Sable Suyog Shankar	<i>Suyog</i>
1731018	Khomane Akshay Dattatray	<i>AB</i>
1731019	Baraskar Devendra G.	<i>Devendra</i>
1731020	Rawalekar Pooja Pravin	<i>Pooja</i>
1731021	Javale Dipak Popat	<i>Dipak</i>
1731022	Jagtap Prathamesh Mangesh	<i>Prathamesh</i>
1731023	More Shreyash Ganesh	<i>Shreyash</i>
1731024	Ambole Nikhil Madhukar	<i>Nikhil</i>
1731025	Kaulge Ajit Mohan	<i>Ajit</i>
1731026	Borana Vinod Kevalchand	<i>Vinod</i>
1731027	Chavan Pratik Bhagwan	<i>Pratik</i>
1731028	Kumbharkar Rajendra R.	<i>Rajendra</i>



Roll No	Name of the Student	Sign
1731029	Gaudgao Ashpak Daud	— AB —
1731030	Dhumal Mayur Dhanaji	Dhumal
1731031	Dhasde Swapnil Ch.	Dhasde
1731032	Talekar Akshay Vishnu	Talekar
1731033	Banekar Nadim Shaukat	Banekar
1731034	Arde Sagar Shamrao	Arde
1731035	Taru Akshay Rajendra	Taru
1731036	Karanje Amit Balasaheb	Karanje
1731037	Zende Tejas Tanaji	Zende
1731038	Kumbharkar Prashant R.	Kumbharkar
1731039	Mohite Shivdas Padmakar	— AB —
1731040	Saiyed Faraz Alimuddin	Saiyed
1731041	Shirke Prashant Sampat	Shirke
1731042	Shiraskar Sameer T.	Shiraskar
1731043	Sondkar Shekhar S.	Sondkar
1731044	Talekar Aniket Dh.	Talekar
1731045	Patil Pravin Vasant	Patil
1731046	Panale Ashwini Ganpat	Panale
1731047	Kurade Akshaykumar S.	Kurade
1731048	Patil Rohit Gunrao	Patil
1731049	Rathod Chandrakant D.	— AB —
1731050	Sutar Komal Jalindar	Sutar
1731051	Yadav Rohit Ashok	Yadav
1731052	Khatavkar Navnath D.	Khatavkar
1731053	Gore Akash Rajendra	Gore
1731054	Gaikwad Abhijit Lalaso	Gaikwad
1731055	Chavan Ajinkya Vijay	Chavan
1731056	Ahir Ajit Rajaram	Ahir
1731057	Hankare Rushikesh V.	Hankare
1731058	Balte Jeevan Pandurang	Balte
1731059	Dhaygude Aniket Vithoba	— AB —
1731060	Mane Amol Dattatray	— AB —



[Signature]
Subject Incharge

SEMINAR ACTIVITY MECHANICAL DEPARTMENT

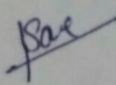
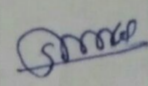
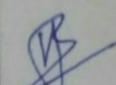
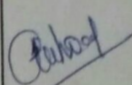
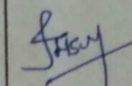
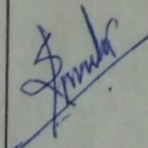
Rajgad Dnyanpeeths

Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi

Department of Mechanical Engineering

ACADAMIC YEAR: 2017-18

Seminar Group List T.E. Mechanical

Sr. No.	Roll No	Name of Student	Mobile No	Group no.	Guide	Guide Sign
1	1734001	Mahangare Vipul Shrirang	8806621303	1	Prof.S.K.Pawar	
2	1734002	Chaudhari Vinod Ashok	9011028978			
3	1734003	Dhanawade Rahul Suresh	9049394743			
4	1734004	Devghare Avinash Vasant	8308031212			
5	1734005	Kamthe Vishal Ramesh	9545987070			
6	1734006	Nikam Saurabh Gangadhar	9860994790			
7	1734007	Chavan Akshay Deshraj	8308368439			
8	1734008	Deshmukh Kishor Rajendra	7758824633	2	Prof. S.M.Mane	
9	1734009	Mane Dhananjay Bharat	8956138813			
10	1734010	Salunkhe Ganesh Bajirao	8796616325			
11	1734011	Gaikwad Jalindar Suresh	8983600425			
12	1734012	Saste Akshay Ashok	8600250795			
13	1734013	Chavan Tushar Namdeo	9892331263			
14	1734014	Salunke Aditya Kailas	9762969306			
15	1734015	Jagtap Ganesh Mahadev	9595446987	3	Prof. N.R. Badgujar	
16	1734016	Jadhav Akshay Ramchandra	8605197436			
17	1734017	Gaikwad Akshay Balkrishna	7774081616			
18	1734018	Nikam Suraj Sanjay	7875130539			
19	1734019	Dhane Nikhil Prakash	9561182692			
20	1734020	Gawade Akshay Anil	7058374444			
21	1734021	Shirke Rahul Laxman	7304335724			
22	1734022	Jadhav Chetan Anil	9604263263	4	Prof.C.S.Gaikwad	
23	1734023	Surpur Siddharth Somnath	8380814070			
24	1734024	Dhavale Ajinkya Prakash	9766083588			
25	1734025	Newase Ashvin Bapuso	9730521466			
26	1734026	Sutar Tushar Prabhakar	9767651623			
27	1734027	Kamthe Sanket Kailas	8380080062			
28	1734028	More Akshay Madhukar	8007257556			
29	1734029	Sonawane Amit Anil	7757929357	5	Prof.D.B.Misal	
30	1734030	Paygude Nikita Bhikoba	7040496438			
31	1734031	Chavan Sumit Vilas	7410191924			
32	1734032	Chikane Prajakta Dattatray	8805081999			
33	1734033	Garud Vaibhav Hanumant	9767805801			
34	1734034	Dal Amar Kishor	9623667460			
35	1734035	Yadav Shubham Bhanudas	8308644498			
36	1734036	Bhsoale Prasad Sadashiv	9403452940	6	Prof.A.P.Sonawane	
37	1734037	Dagade Pramod Bhaguji	8180046768			
38	1734038	Thorat Omkar Devidas	8380010280			
39	1734039	Kank Suraj Kisan	8087510568			
40	1734040	Mujawar Mubin Jabir	9890051660			
41	1734041	Kumbhar Sadanand Krishanat	8866056123			
42	1734042	Gaikwad Sachin Rajendra	7776909345			

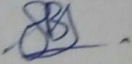
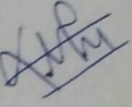

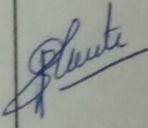
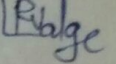

Rajgad Dnyanpeeths

Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi

Department of Mechanical Engineering

ACADAMIC YEAR: 2017-18

Seminar Group List T.E. Mechanical

Sr. No.	Roll No	Name of Student	Mobile No	Group no.	Guide	Guide Sign
43	1734043	Yadav Avinash Dnyandev	8796939747	7	Prof.S.B.Jadhav	
44	1734044	Kale Samadhan Dattatray	9552439883			
45	1734045	Kadam Hemant Valmik	9623841603			
46	1734046	Tegimali Pramod Mahalinga	7350459165			
47	1734047	Gole Suraj Manohar	8380835520			
48	1734048	Chavan Amit Vilas	8796624246			
49	1734049	Kudale Kiran Kailas	9960770132			
	1734050	Sawant Shekhar Nanda	9822681227	8	Prof.L.P.Maskepatil	
51	1734051	Thakur Ganesh Shahaji	7709009741			
52	1734052	Talekar Amar Pramod	8983753546			
53	1734053	Pawashe Pratik Sunil	9763975263			
54	1734054	Jedhe Vikrant Suresh	9623868009			
55	1734055	Mohite Amar Raju	7350235249			
56	1734056	Patil Amarjit Dilipkumar	8378804199			
57	1734057	Jagtap Dattatray Vitthal	9665964870	9	Prof.R.R.Biradar	
58	1734058	Khutwad Jeevan Sharad	8796427372			
59	1734059	Kharat Rajesh Bajrang	9767768257			
60	1734060	Korade Vicky Suryakant	9970997798			
61	1734061	Bhikule Rajan Tanaji	9767557688			
62	1734062	Potekar Pratik Dattatray	7972537004			
63	1734063	Sutar Sangram Sunil	8308889494			
64	1734064	Bhandare Rohan Balkrishna	9561062809	10	Prof.R.S.Lawate	
65	1734065	Giri Pandurang Gautam	8805217282			
66	1734066	Talekar Akshay Maruti	9766453969			
67	1734067	Mahato Rajan Suresh	8421379400			
68	1734068	Kumbhar Shireesh Nivrutti	8796189792			
69	1734069	Yewale Sahil Sunil	8552982041			
70	1734070	Warkhade Aniket Mahadev	7350397716			
71	1734071	Chandanshiv Akshay Gajanan	9850311853	11	Prof.R.V.Lalge	
72	1734072	Shirke Pranav Rajesh	9657956421			
73	1734073	Vaze Hrushikesh Purushottam	8698464591			
74	1734074	Masurkar Vishal Kailas	9145704129			
75	1734075	Chavan Vikas Dashrath	8380960908			
76	1734076	Jadhav Ritesh Navnath	8600707407			
77	1734077	Waghole Akash Pralhad	7770089212			
78	1734078	Khopade Mukund Pandurang	7350682308	12	Prof.D.A.More	
79	1734079	Mahangare Susmit Kisan	9545603911			
80	1734080	Khatape Kunal Yashwant	8605071072			
81	1734081	Thopate Vaibhav Balasaheb	9921275214			
82	1734082	Kochale Akshay Sunil	9527727994			
83	1734083	Jadhav Priyanka Suhas	9527719901			
84	1734084	Jarande Gaorav Dilip	9823214524			

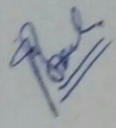
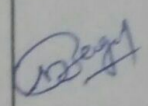
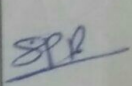
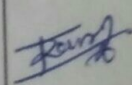
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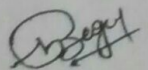
Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi

Department of Mechanical Engineering

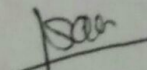
ACADAMIC YEAR: 2017-18

Seminar Group List T.E. Mechanical

Sr. No.	Roll No	Name of Student	Mobile No	Group no.	Guide	Guide Sign
85	1734085	Thopate Yuvraj Dinkar	9657979568	13	Prof.J.P.Borude	
86	1734086	Virkar Akshay Dnyaneshwar	8412841819			
87	1734087	Jadhav Vishal Sadanand	9665827497			
88	1734088	Jadhav Akshay Arun	8452967057			
89	1734089	Malusare Reshma Ramchandra	7058680664			
90	1734090	Mahangare Chetan Shivaji	8600836798			
91	1734091	Sangle Kuldeep Suresh	9766972611			
92	1734092	Shinde Saurabh Rajendra	8380802912	14	Prof.N.D.Bagul	
93	1734093	Kumbhar Narendra Shrikant	8796829296			
94	1734094	Deshmukh Akshay Rajendra	9604579082			
95	1734095	Jadhav Asmita Nathuram	7040493473			
96	1734096	Sayambar Ashvini Bhanudas	8530424342			
97	1734097	Khakal Suvarna Dilip	9766813781			
98	1734098	Borkar Sagar Narayan	9767711238			
99	1734099	More Ganesh Sunil	8830992771	15	Prof.S.P.Bhide	
100	1734100	Gosavi Prathamesh Ravindra	8668601719			
101	1734101	Shirke Gajanan Shivaji	8805473406			
102	1734102	Datir Akash Ganpat	9527198299			
103	1734103	Nikam Aishwarya Rajendra	9657781437			
104	1734104	Pilane Gorakshnath Haribhau	8806591572			
105	1734105	Ippe Nilesh Balaso	8380966126			
106	1734106	Mandawe Akshay Popat	9594442040	16	Prof.M.B.Bankar	
107	1734107	Gholap Shubham Dilip	9767522323			
108	1734108	Shete Shubham Balaso	9975203007			
109	1734109	YADAV VISHWAJEET SURESH	7447282807			
110	1734110	CHAVAN SANGRAM ANKUSH	9130000737			
111	1734111	PATIL RAHUL VIJAY	8805544567			
112	1734112	KHOPADE OMKAR SHIVAJI	9421757100			


Seminar Co-ordinator
Prof. Bagul N.D.




HOD
Prof. Pawar S.K.
Mechanical Engineering Dept
Shri Chhatrapati Shivajiraje
College of Engineering
Dhangawadi Tal. Bhor
Dist. Pune - 412206



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

Academic Year: 2016-17

Tech-fest 2017 (Mechanical Department Events)

A. Lathe War:-


1. **First Winner:** Mr. Sagar Suresh Jadhav, SCSCOE, Dhangawadi.
2. **Runner Up:-** Mr. Sourabh R. Shinde, SCSCOE, Dhangawadi.

B. Robo Race:-

1. **First Winner:** Mr. Abhishek R. Kadam., KJ's TCOER, Pune.
2. **Runner Up:** Mr. Rajat S. Lokhande, YTC, Satara.
3. **Runner Up:** Mr. Shubham R. Pawar., YTC, Satara.

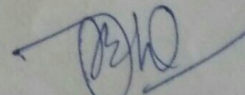
C. Contraption:-

1. **First Winner Group:** Mr. Anil V. Shirke
Mr. Mahadev K. Surase
Mr. Suraj B. Shendage (SCSCOE, Dhangawadi)
2. **First Runner up group:** Mr. Omkar S. Agawane
Mr. Akshay S. Marathe
Mr. Nikhil G. Budgude (SCSCOE, Dhangawadi)
3. **Second runner up group:** Mr. Nikhil P. More
Mr. Akash B. Patel
Mr. Dhananjay B. Mane
Mr. Swapnil H. Barve (SCSCOE, Dhangawadi)


Prof. S. K. Pawar
H.O.D.

Head of Department
Dept. of Mechanical Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

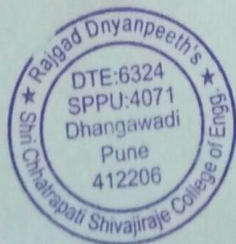



Prof. Dr. S. B. Patil
Principal

Principal
Rajgad Dnyanpeeth's
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Dhangawadi, Pune-412206



Photos of TECH FEST 2017





Photos of TECH FEST 2017





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Shri Chhatrapati Shivajiraje College of Engineering Dhangawadi, Tal: Bhor, Dist: Pune (Maharashtra)



Hon'ble Anantao Thopte
President, Ex. Education Minister

TECH FEST

6th & 17th March 2017

PRIZES WORTH ₹ 1,00,000

CODE DEBUGGING
adnya:- 9763862134
lam:- 8308078056

BUILT ME
vishal:-7249345058
Ajit :-7304967826

LAN PLANET
Ankita:-9552382536
Jyoti:-7030585498

BLIND CODING
Supriya:- 9146606190
Chaitali:-7741082550

LATHE WAR
ram:-8380802912
ant:-9623841603

ROBORACE
Susmit:-9545603911
Vaibhav:-9921275214

CONTRAPTION CHALLENGE
SanojKumar:-9527011064
Sadanand:-7768994530

I-MECH-IT
Sangram:-8308889494
Amar:-8983753546

TREASURE HUNT
ibhav:-9763338650
ranjan:-8007972436

AVISHKAR
Pooja:-7387508597
Tejas:-99224008

STRUCTURE MANIA
Ajit:-7028618354
Faras:-7276140044

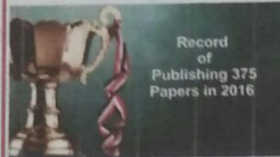
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Paper Submission	10th March 17
Date of Acceptance	13th March 17
Last Date of Registration	15th March 17
Conference Date	18th March 17

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- Recent Advancement Engineering & Technology
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- Renewable Energy.
- Sustainable Development.

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Shekhar Sondkar (CIVIL) 8600836369

Rohan Pawar (COMP) 9503949318
Shraddha Jadhav (E&TC) 9049674603

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Dhanraj Yadav (COMP) 7758020906

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Kiran Deshmukh (CIVIL) 8446143003

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Prof. S. B. Sangar (CIVIL) 908236640
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Prof. A. S. Nalagani (E&TC) 838494535

HOW TO REACH US

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Shri Chatrapati ShivajiRaje College of Engineering, Dhangawadi, Tal.-Bhor

PRESENTS SERIES OF NATIONAL LEVEL EVENTS

TechFest 2017

16th & 17th Mar. 17



➤ **COUNTER STRIKE (CS) & NEED FOR SPEED (NFS):-**

Rules: (Participants Must Come with college ID)

1. Counter Strike
Entry Fees:
 - Rs.100(2members in a team)
 - Rs.200(4members in a team)
2. NFS
Entry Fees: Rs. 100
3. All the rules and maps will be displayed at the time of event.
4. On-the spot registration will be considered, but, Entries are limited so rush fast.

BLIND CODING (CE)

Entry Fee :

1 Member : 100/- (Group is not allowed)

Rules:- (Participants Must Come with college ID)

1. This contest is based on - C programming & Bugs.
2. Two Rounds:
 - a. MCQ Test
 - b. Hands on Machine
3. Screening test will be conducted, if required.
4. Only one candidate is allowed per entry.

➤ **CODE DEBUGGING(CE):-**

Rules:(Participants Must Come with college ID)

Entry Fees:

One or Two member: 100/-

1. **Round 1**
Technical Test on C and C++
2. **Round2:**
Code Debugging
The code will be provided to you and you have to debug it.
3. On-the spot registration will be considered, but, Entries are limited so rush fast.

➤ **BUILT ME (CE):**

Rules:(Participants Must Come with college ID)

Entry Fees:

One or Two member: 100/-

Total Rounds: 3 (MCQ, Buzzer and Hands on Machine)

1. The Hardware will be provided to you and you have to fix it & run it.
2. Fine will be taken if any MAJOR damages to tool or Surroundings occur during operation.
3. On-the spot registration will be considered, but,entries are limited so rush fast.
4. Re-entry for this event is not allowed.

➤ **I-MECH-IT (MECH):**

Rules: (Participants Must Come with college ID)

Members: Maximum 4.

Entry Fee : Rs.200/-

1. The competition will consist of **1+1 ROUNDS:**
 - **ELIMINATION:** In the elimination round, the teams have to complete a given model making tasks, within given time. At the end of the round, the models will tested and teams will be awarded points. On the basis of these points, only best teams will qualify for the next round.
 - **FINAL ROUND:** The problem statements will be disclosed and material kits will be distributed. In the given frame of time, the teams will have to design; manufacture and test it. At the end of this round, the models will be tested by the judges.
2. Prizes will be given to minimum 2 models which best demonstrate the solution to problem statement.
3. All material will be provided, but the contestants are required to **bring a geometry box, writing material**, along with some **basic tools** like small cutter, adhesive tape, scissor, glue, and screwdriver (at least for the elimination round).
4. Organizing committee reserves the right to modify/add rules at any point of time to eliminate any ambiguity, if any.



➤ **LATHE WAR (MECH)**

Rules:-(Participants Must Come with college ID)

Entry fees : 200/-

1. If any damage to tool, lathe m/c , surrounding etc, or any malpractices, including negligence during machining will lead to disqualification.
2. Fine will be taken if any MAJOR damages to Tool, Lathe Machine or Surroundings occur during operation.
3. After the completion of the task all the accessories must be returned.
4. No extra work piece will be provided and carrying of any extra material is banned.
5. Participants must complete the given JOB in time.
6. Judges decisions will be final binding to all and irrevocable.
7. Participant is responsible for their own safety.
8. Participant should Compulsory have APRON, TOOL, (H.S.S) and SHOES.
9. The winner will be decided on the basis of accuracy, surface finish and time duration.

➤ **ROBORACE (MECH):**

Entry fee: Per group Rs.200/-.

Per group (2 members) :- (Participants Must Come with college ID)

Challenge:

Design a Manually Controlled ROBOT that has capacity to cover Maximum distance in shortest possible time, challenging the hurdles and be one of the best opponent.

Rules:

1. Readymade Toy cars are not allowed.
2. LEGO kits are strictly not allowed in any form.
3. The length of the Wire (for wired Robots) should be long enough to cover the whole track and wire should remain slack during complete run.
4. The potential difference between any two points should not be exceeding the limit of 12V.
5. If robot suddenly stops in the arena due to any technical problem, it will be disqualified.
6. Robot should not damage any part of arena, in case it does, so it will be disqualified.
7. Track will be adventurous and will be displayed 3 days before event on college site.
8. Robot Size – 25*25*25
9. Weight :- Min. - 2.5 Kg
Max.- 5.0 Kg

CONTRAPTION CHALLENGE

(MECH):

Entry fee: Per group Rs.200/-.

Per group (6 members).

Rules:(Participants Must Come with college ID)

1. There are no limitations of the steps of Contraption.
2. Each team will be given 2 trials to show their working arrangements.
3. Final points will be the average of both the attempts.
4. The second trial will be optional.
5. A setup time of 30minutes will be given before each trial.
6. The working time of the Contraption is Limitless.
7. Steps for different energy profiles can be used to drive the Contraption. Please check the judging criteria for scoring system for various energies.
8. All the Teams should bring three copies of properly printed write-ups of their Contraption Clearly mentioning the no. of steps, description of each step and energy conversion involved.
9. The teams are allowed to skip maximum of three steps or skip to the next module in an intervention in any trial.
10. No alteration in Contraption of any kind is allowed at any point of time.
11. If anything else required, mention it in your abstract & we'll tell you the details of it.



➤ TREASURE HUNT (ENTC):-

Rules:-(Participants Must Come with college ID)

Entry fees : 200/-

- Only registered participants are eligible for event.
- A replacement for participants is not allowed.
- Decision made by Judges will be final.
- Discipline should be maintained by the group members throughout the event.

GENERAL GUIDELINES:

1. General information about event is provided on venue.
2. Participants should bring one camera phone.

➤ AVISHKAR (ENTC):-

Rules:-(Participants Must Come with college ID)

Entry fees : 150/-

Per group (3 members)

1. Preference will be given to **Original and New Project Ideas.**
2. Seminar should be compulsory.
3. The papers will be judged on:
 - Objectives
 - Methodology
 - Findings and Analysis
 - Conclusions
 - Implication/Application/Limitations
4. The panel of judge will reserve the right of decision.

GENERAL GUIDELINES:

There will be 2 rounds of competition:

Round 1: Participants should have to present their Idea on problems given below:

Smart City 2. Digital India 3. Highway Safety

Round 2: The Idea will be given by **Judges** and shortlisted participants should have to implement an own logic on it.

Slides should consist of :

- Problem Statement
- Salient features of the proposed solution
- Graphical presentation of proposed solution
- Any additional details

CANVAS STRIKE (CIVIL):-

Rules:-(Participants Must Come with college ID)

Per group (2 members)

Entry fees : 150/-

- 1) Drawing sheets and drawing boards are provided by college.
- 2) Required drawing material should be carried by the group itself.
- 3) Competition is held for 2.5 hours.
- 4) The marking scheme is based upon the principles of planning and the standard specifications of building drawing.
- 5) The panel of judge will reserve the rights of decision.

❖ **GENERAL GUIDELINES :-**

- 1) There will be two rounds of competition.
 - Round 1: Aptitude based on building drawing.
 - Round 2: Preparation of drawing sheet.
- 2) Round 2 is again loaded with extra bonus point.
- 3) For extra bonus point the extra drawing (Perspective) should be completed by group.
- 4) The problem for drawing is given at event place same as for perspective.
- 5) Drawing sheet should contain Developed plan, Elevation, schedule of opening, construction notes and other necessary contains.
- 6) Use suitable scale for drawing.



➤ **STRUCTUREMANIA(CIVIL):**

Rules:-(Participants Must Come with college ID)

Per group (2 members)

Entry fees : 150/-

1. Material used-
 - Popsicle sticks (ice-cream sticks).
 - Fevicol as a white adhesive only.
2. Use of another material for model making rather than the material as mentioned above will disqualify the group.
3. The loading begins from 5kg.
4. The model should bear the applied weight & sustain it for minimum of 20sec.
5. The failure or cracking of a single stick and maximum deflection should consider the failure of structure.
6. The participants themselves should apply the load to the model, provided by loading arrangement.
7. The model having maximum ratio of applied load to self-weight will be the winner.

MODEL SPECIFICATIONS :-

1. The length of the model should be 80 cm.(including bearing 5cm on either side)
2. The width of the bridge should be 20 cm.
3. The height of the bridge should be 15 cm.
4. The dimensional tolerance of 5 mm is allowed.



TechFest 2017 Prize Details			
Sr. No.	Name of Event	Prize Worth RS.	
		I	II
1	BLIND CODING	1500	1000
2	BUILT ME	1500	1000
3	LAN PLANET: COUNTER STRIKE	1500	1000
4	LAN PLANET: NFS	1000	750
5	CODE DEBUGGING	1500	1000
6	LATHE WAR	2000	1000
7	I MECH IT	1500	1000
8	ROBO RACE	2000	1000
9	CONTRAPTION CHALLENGE	2000	1000
10	AVISHKAR	1500	1000
11	TREASURE HUNT	2500	1500
12	STRUCTURE MANIA	2000	1500
13	CANVAS STRIKE	2000	1500



QUIZ COMPETITION E&TC DEPARTMENT

Rajgad Dnyanpeeth's

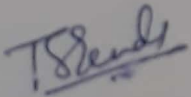
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

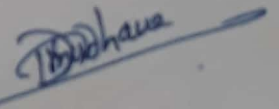
Date:- 15/1/2018

NOTICE

All students of S. E. E&TC are hereby informed that Quiz Competition is scheduled.
Students should be present on 30th Jan at 10 am sharply.



Prof. T. S. Zende
Event Coordinator



Prof. T. M. Dudhane
HOD

Head of Department
Dept. of E&TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206



Rajgad Dnyanpeeth's

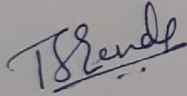
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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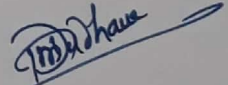
Date:- 18/1/2018

NOTICE

All staff members of SE are hereby informed that as per the instruction in HOD meeting Quiz Competition is to be organized by 30th January. Kindly submit Question bank (MCQs) with solutions for Unit 1 & Unit 2 of respective subjects on or before 20 January.



Prof. T. S. Zende
Event Coordinator



Prof. T. M. Dudhane
HOD
Head of Department
Dept. of E&TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Department of Electronics & Telecommunication Engineering

Report on 'QUIZ COMPETITION'

NAME OF CLASS :-Second Year

TITLE /TOPIC:-Quiz Competition

DATE & DATE:- 31/01/2018 & Friday

DURATION:- 2:30 Hrs

STUDENT/STAFF PRESENT:- 30/05

COORDINATOR:-Asst. Prof. T. S. Zende

OBJECTIVE:-

To create awareness on MCQs of every subject in order to ease online examination score of students

DISCRIPTION:-

The Quiz Competition Inauguration was addressed by HOD, Electronics & Telecommunication Engg. Department and all staff members of SE HOD guided the students about how to score maximum in online Exam which includes multiple choice questions. He also described the importance of Quiz Competition. MCQs on Unit 1 and Unit 2 of every subject were taken up in the completion. Three rounds were conducted for every subject.

Round I: Included Questions of 1 Marks

Round II: Included Questions of 2 Marks having time limit of 30 seconds to answer the question.

Round III: Included Questions of 2 Marks with negative marking of -1 for every wrong answer. The time limit was increased to 45 seconds per Questions.

All the students thoroughly participated and enjoyed the Quiz Competition.

CONCLUSION:-

Quiz competition has helped the students to prepare for online exams well in advance. MCQs are provided by every subject staff for the same purpose.

PHOTOS DURING SESSION:



Prof.T.M.Dudhane (HOD) guiding students



Students answering questions

T.S.Zende

**Asst.Prof. T. S. Zende
Coordinator**

T.M.Dudhane

**Prof.T.M.Dudhane
HOD**



Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg,
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

Department of electronics & telecommunication engineering

Quiz Competition Result List

A.Y.2017-18 Sem-II

Subject:- Object Oriented Programming

Sr.No.	Round-I	Round-II	Round-III	Total
Group 1	1	0	3	4
Group 2	0	2	0	2
Group 3	2	2	3	7
Group 4	1	2	0	3
Group 5	1	2	0	3
Group 6	1	2	0	3

Subject:- Engineering Mathematics-III

Sr.No.	Round-I	Round-II	Round-III	Total
Group 1	1	0	0	1
Group 2	0	3	0	3
Group 3	2	0	-1	1
Group 4	0	2	3	5
Group 5	2	2	-1	3
Group 6	1	2	2	5

Subject:- Control System

Sr.No.	Round-I	Round-II	Round-III	Total
Group 1	0	3	3	6
Group 2	1	2	-1	2
Group 3	1	0	3	4
Group 4	2	0	0	2
Group 5	2	2	0	4
Group 6	2	0	2	4



Subject:-Integrated Circuits

Sr.No.	Round-I	Round-II	Round-III	Total
Group 1	1	2	3	6
Group 2	1	2	-1	2
Group 3	1	0	2	3
Group 4	1	2	0	3
Group 5	1	2	-1	2
Group 6	0	2	2	4

Subject:-Analog Communication

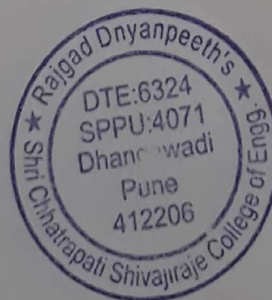
Sr.No.	Round-I	Round-II	Round-III	Total
Group 1	0	0	-1	-1
Group 2	1	2	0	2
Group 3	1	0	1	2
Group 4	0	0	1	1
Group 5	0	0	-1	-1
Group 6	0	2	0	2

Result

Sr.No.	Total Marks	Round-III
Group 1	16	
Group 2	11	
Group 3	17	Runner UP
Group 4	14	
Group 5	11	
Group 6	18	Winner

T. S. Zende

Prof. T. S. Zende
Event Coordinator



T. M. Dudhane

Prof. T. M. Dudhane
HOD
Head of Department
Dept. of E&TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhange wadi, Pune-412206

Pune District Education Association's
COLLEGE OF ENGINEERING

MANJARI(Bk),PUNE - 412307

National Level Technical Paper Presentation

FUTURIZM 2018

(30th,31st Jan 2018)


Certificate

This is to certify that, Mr/Miss/Mrs Nikhil Dhomal of R.D.T.C
has Participated / Presented Paper at the National Level Technical Paper Presentation Conference "Futurizm 2018"
Organized by P.D.E.A's College of Engineering, Manjari Bk, Pune, In Association with BCUD Savitribai Phule
Pune University, Pune
Title of the Paper : Medication box For memory disorder patient

Date: 31st January 2018


Prof. M.C. Pande
Co-ordinator


Prof. D.O. Patil
Convener and Dean Academics


Dr. R.V. Patil
Principal



CERTIFICATE

OF PRESENTATION

IFERP
connecting engineers...developing research



2nd International Conference on Applied Sciences, Engineering, Technology and Management (ICASETM - 2018)



20th & 21st April - 2018, Pune, Maharashtra

This is to certify that **Sonali Nigade**
of **Rajgad Dyanpeeth Technical Campus, Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi**
research paper titled **TESTING MACHINE OF METAL CAN COATING BY USING ARM7 PROCESSOR**
during the "2nd International Conference on
Applied Sciences, Engineering, Technology and Management (ICASETM-2018)" held at Rajgad Dyanpeeth Technical Campus, Pune, Maharashtra
on 20th & 21st April, 2018.

Mr. Rudra Bhanu Satpathy
Director, IFERP

Prof. M. B. Wagh
Convener, HOD
Computer Engineering,
SCSCOE, Pune

Dr. S. B. Patil
Principal, SCSCOE
Pune

CERTIFICATE

OF PRESENTATION



2nd International Conference on Applied Sciences, Engineering, Technology and Management (ICASET M -2018)



20th & 21st April - 2018, Pune, Maharashtra

This is to certify that **Ankita Patane**
of **Rajgad Dyanpeeth Technical Campus, Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi**

research paper titled **Design of Low Cost Human Body Parameters Measuring Device**

..... during the "2nd International Conference on
Applied Sciences, Engineering, Technology and Management (ICASET M -2018)" held at Rajgad Dyanpeeth Technical Campus, Pune, Maharashtra
on 20th & 21st April, 2018.

Mr. Rudra Bhanu Satpathy
Director, IFERP

Prof. M. B. Wagh
Convener, HOD
Computer Engineering,
SCSCOE, Pune

Dr. S. B. Patil
Principal, SCSCOE
Pune



Source Code Technology Pvt. Ltd.

Date:02/05/2019

Sponsorship Letter

To Whom It May Concern:

Please see the details of my support outlined below:

Name of students :

- Awale Pradnya Swami
- Mozar Pratiksha Vikas
- Kadam Ankita Rajendra
- Matole Supriya Govind

Project Name: Indoor navigation and bill generation system

Relationship of sponsor to student: PROJECT SPONSORSHIP.

Length of time support will be provided: EIGHT MONTHS.

As a valuable member of our community, we would like to arrange sponsorship for the student's effort. During the sponsorship period, we honor students and his/her important work regarding project. Here our company find out the students effort to make him diamond.

I appreciate your efforts and beneficial to organization. I look forward to hearing to you.

For Source Code Technology Pvt. Ltd.

Vinod Thete

Founder & CEO

Source Code Technology Pvt. Ltd.

#sohum creast, Near gurudwara Mandir, Walhekarwadi, Chinchwad, Pune-411035, Mob No: 9673921886

E-mail: vinodthete190@gmail.com, Website:- www.sourcecodetechnology.com Pune |Solapur | Nanded

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

DEPARTMENT OF E & TC ENGINEERING

Students of E&TC Department prepared different types of models

List of models

Sr.No.	Name of the Models	Name of the Students
1	RF CONTROL USING ROBOTIC VEHICLE WITH LANDMINES/BOMB DETECTOR	1) DESHPANDE PRATHAMESH V. 2) PATIL PANKAJ N. 3) JADHAV SONU R.
2	WATER MANAGEMENT SYSTEM IN RESIDENTIAL COMPLEX	1) PAWAR AVDHOT SHANKAR 2) KADALE PRAFULL PAVITRAKUMAR 3) JADHAV RAHUL SHASHIKANT
3	LIBRARY MANAGEMENT SYSTEM USING RFID SYSTEM	1) KANADE NIKITA CHANDRAKANT 2) PAWAR SAYALI SANJAY 3) YADAV POOJA SHIVAJI

MODEL NO.1

Name of the Model :-RF CONTROL USING ROBOTIC VEHICLE WITH LANDMINES/BOMB DETECTOR

Name of Students:-

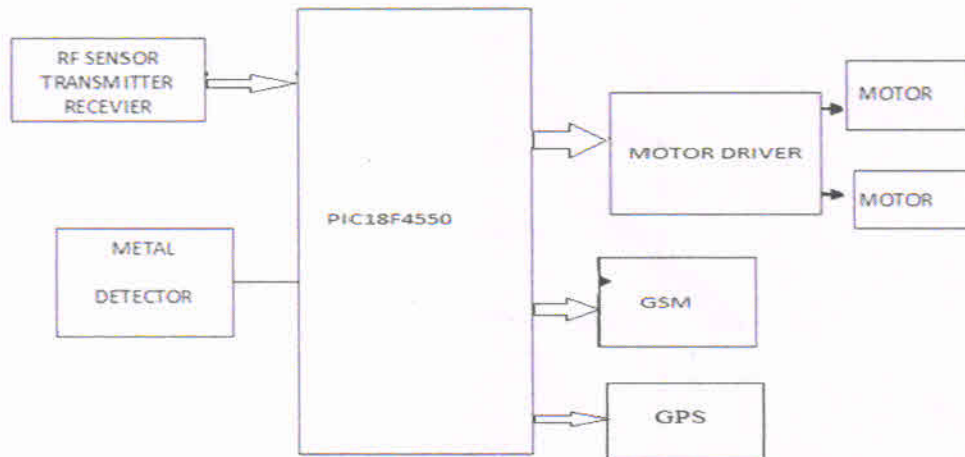
- | | |
|----------------------------|--------------------|
| 1) DESHPANDE PRATHAMESH V. | (Roll No: 1833005) |
| 2) PATIL PANKAJ N. | (Roll No: 1833023) |
| 3) JADHAV SONU R. | (Roll No: 1833012) |

Description of Model

This model is useful for metal detection using robotic vehicle based on wireless RF control. The vehicle is fitted with a metal detection system that senses metals and then alarms the user about it through a buzzing sound of land mine possibility.

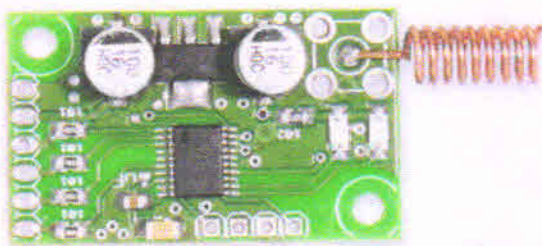


Block Diagram



The system works in PIC18F series microcontroller to achieve this operation. The push button is used to send commands to move the vehicle forward, backward, left and right and its arm up, down, pick and place the bomb or metal object. Motors at receiving end operate the vehicle as per the commands received. As soon as a command is sent it gets transmitted through RF transmitter. At receiving end an RF receiver reads the commands and passes it to a microcontroller for processing. The microcontroller then operates the motor to move the vehicle through a motor driver IC. Thus the metal detection system coupled with a robotic vehicle allows for operating the robotic vehicle on a long radius remotely through RF technology

- **LoRa model**

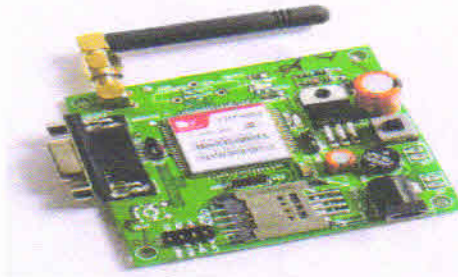


3.3 Fig: LoRa 868MHz model

The WIR-1286 model is a low-power and high range wireless communication solution that is ideal for Smart Grid, home automation, smart lighting, industrial sensor data acquisition and remote control applications

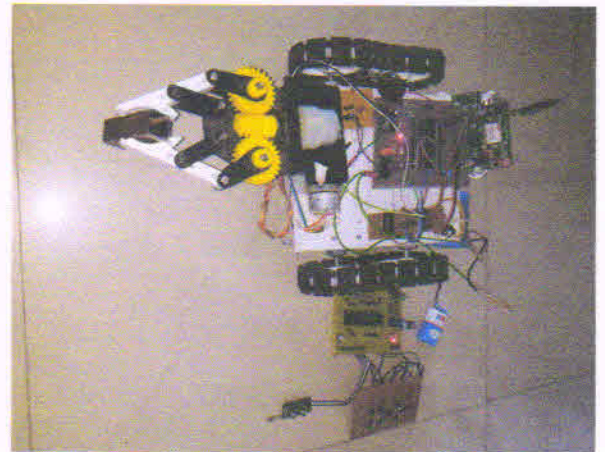


- GSM model:

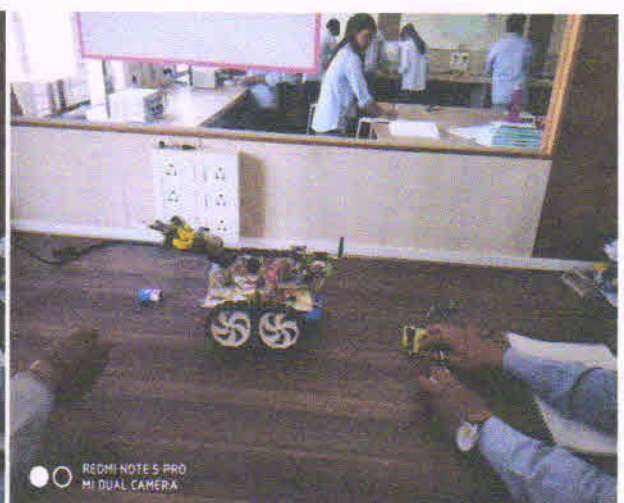
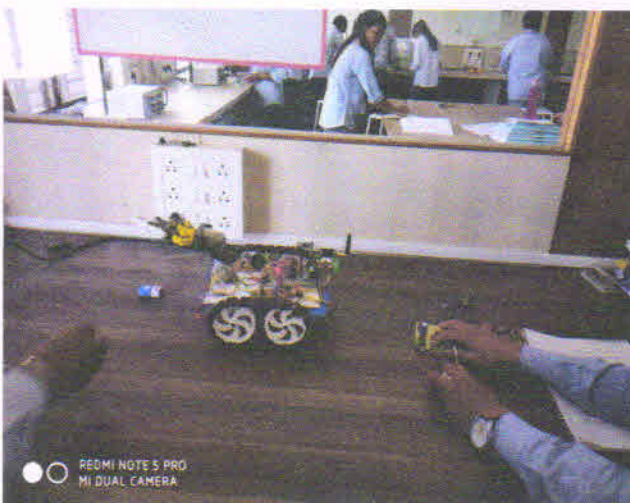


GSM 900A

It is a wireless MODEM and can send and receive data through the GSM network



Photos during model preparation



Pradipkumar
Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

MODEL NO.2

Name of the Model: - Water management system in residential complex

Name of Students: - 1) PAWAR AVDHOT SHANKAR (Roll No: 1833024)

2) KADALE PRAFULL PAVITRAKUMAR-(Roll No: 1833032)

3) JADHAV RAHUL SHASHIKANT -(Roll No: 1833011)

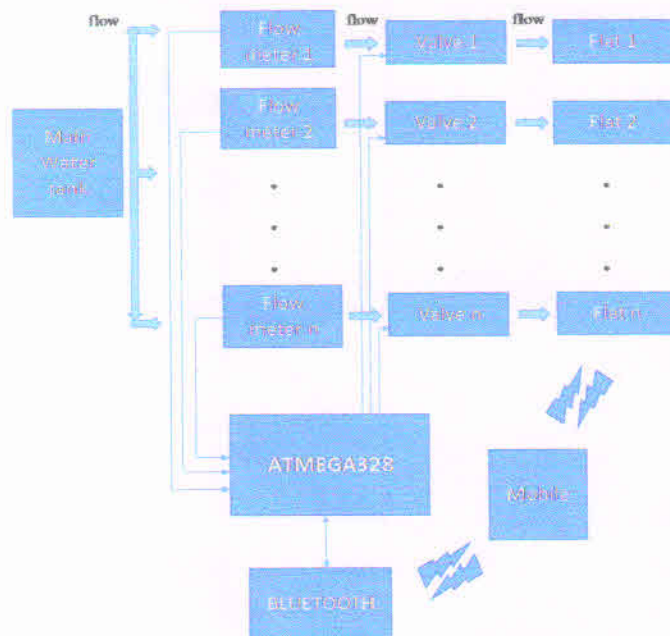
Description of Model:-

In this model microcontroller device used, which helps to manage/monitor and plan the usage of water by observing the level of water in the tank and some other also proposed a fully automated system for supply-water management, distribution and billing.

In this model is used to measure how much volume is available in tank.

Families that consistently use less (around 190 liters per person per day) spend around 2350 ₹ per month; this Billing system is also included in this module. Using existing Atmega328, these data could be sent to the remote server for billing from each flat and accepting request, monitoring and getting notifications are also done in this module.

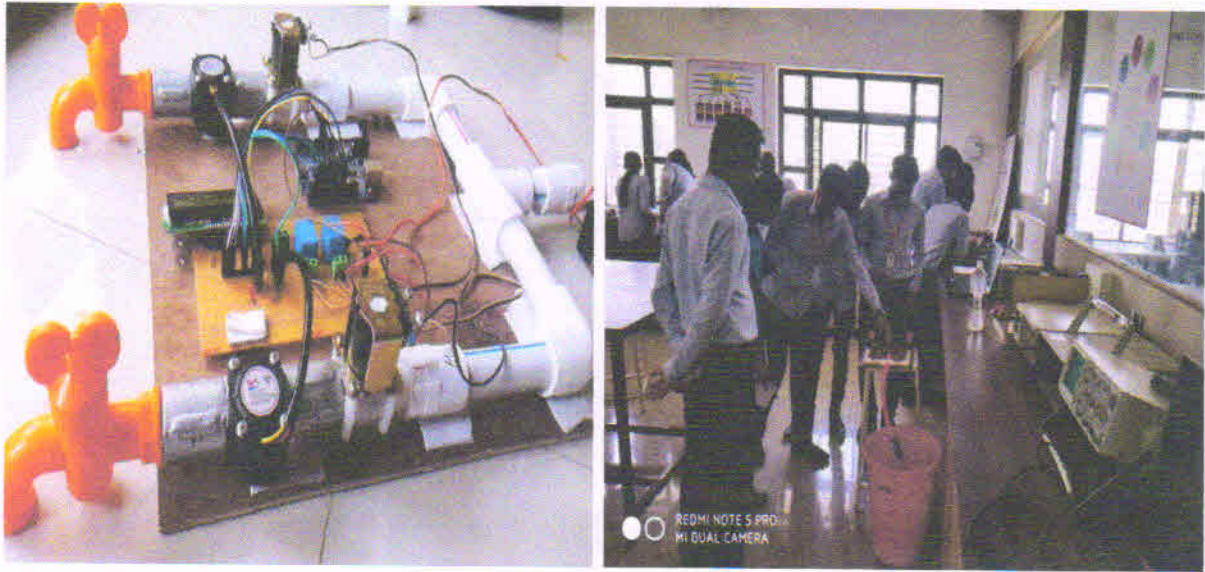
Block Diagram:



In this model used ATMEGA 328. The ATMEGA 328 will continuously display the data from LCD 16*2. As water flows through the pipe a limit exceeds solenoid valve will get closed and flow meter sensor sense the amount of water flows through it we have provided specific limit if limit cross then flow of water will get stop. The converted data will be displayed by the



LCD. When the given limit of water after providing it up to that specific particular limit, flow of water stops.



Photos during model preparation



Pradip Dave
Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

MODEL NO. 3

Name of the Model: - LIBRARY MANAGEMENT SYSTEM USING RFID SYSTEM

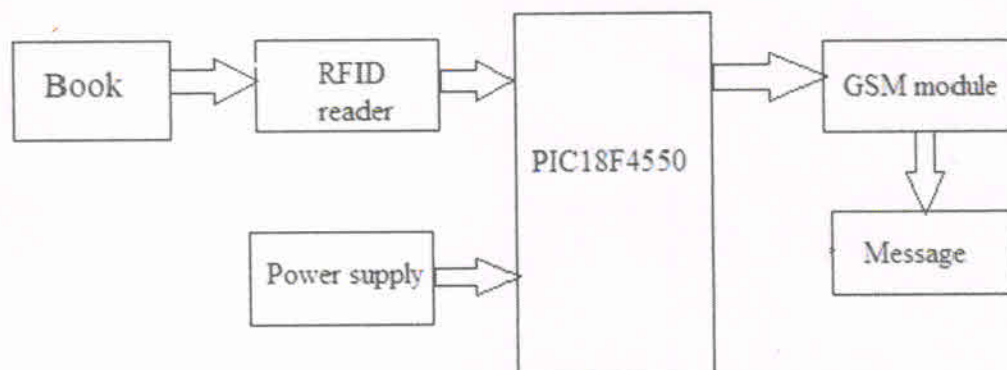
Name of Students:-

- | | |
|-------------------------------|--------------------|
| 1) KANADE NIKITA CHANDRAKANT. | (Roll No: 1833033) |
| 2) PAWAR SAYALI SANJAY. | (Roll No: 1833037) |
| 3) YADAV POOJA SHIVAJI . | (Roll No: 1833029) |

Description of Model:-

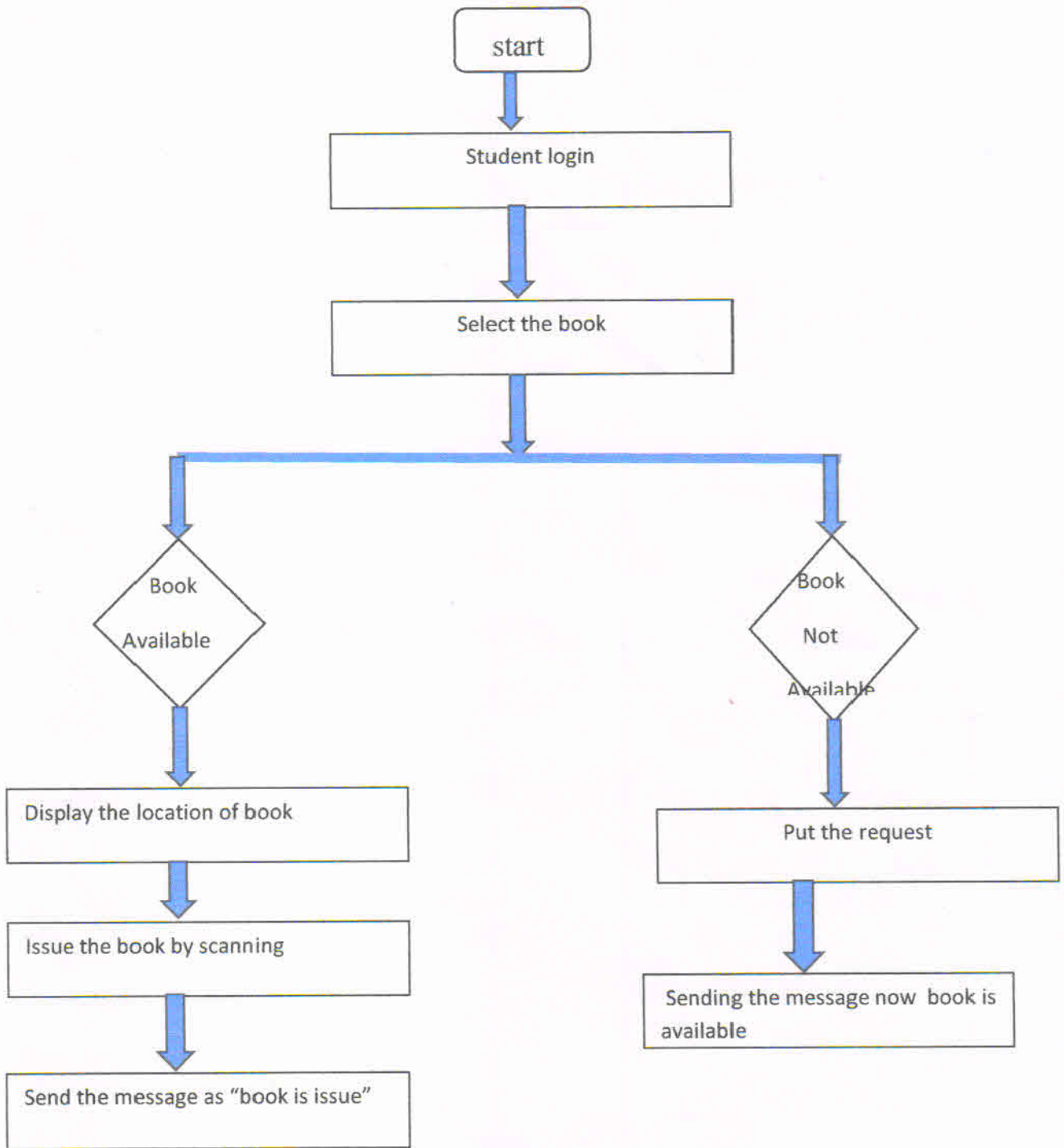
In current library systems we will use the barcode technology .Every book in the library is provided with a barcode. It will operate manually like all the major functions of the library such as using, reusing returning of books. The barcode readers have the capability to read only one code at a time. The microcontroller will be used. It will store and maintain and information about books. No high speed wireless communication with main unit, more power consumption.

Block Diagram:-

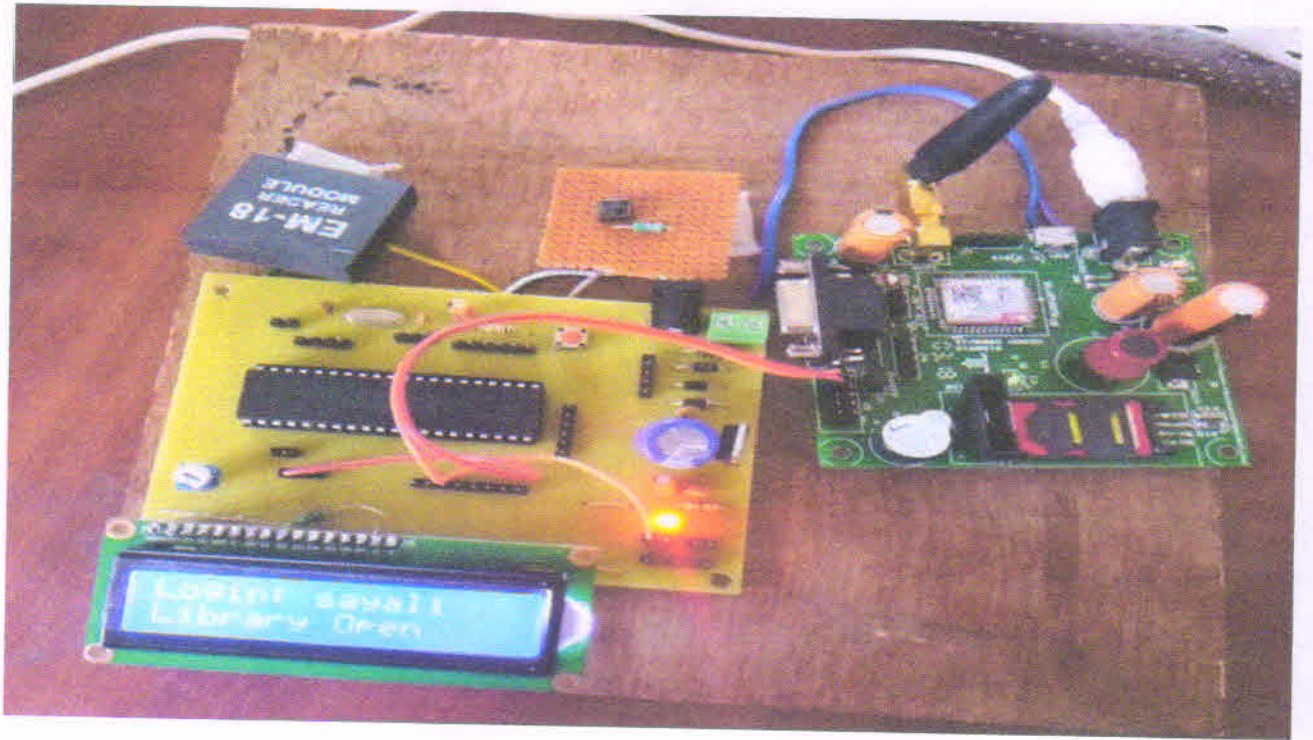


In this system used RFID will be placed along with a PIC controller in the library for identifying authentication of students. The entire system is developed as hardware based system. In this system the passive tags is used. GSM technology is used in the proposed system. In this GSM technology is used to send the message to the students as book is issued on your name. If any student makes an inquiry of book which is not in library then that student will get message if the book is available in the library. The LCD display will be used. Display the message card detected when student placed the RFID card on the card reader. RFID card reader will be the wireless signal, so the passive tags are used.





Photos during model preparation



● ○ REDMI NOTE 5 PRO MI DUAL CAMERA



Pradipkumar
Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg
Dhangawadi, Pune-412206

TE MINI PROJECT E&TC DEPARTMENT

A PROJECT REPORT ON

**“HANDTALK ASSISTIVE SYSTEM USING
FLEX SENSOR”**

SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

OF

**THIRD YEAR OF ENGINEERING
(ELECTRONICS AND TELECOMMUNICATION)**

BY

GAIKWAD VISHWRAJ S.
JADHAV VAIBHAV V.
MANDHARE MUKUL S.

EXAM NO. T150713015
EXAM NO. T150713024
EXAM NO. T150713032

UNDER THE GUIDANCE
OF
ASST. PROF.D.U.DALAVI

॥ वाचं धेनुमुपासीत ॥



DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

Rajgad Dnyanpeeth's Technical Campus
Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi
S. No. 237, Dhangawadi, Taluka-Bhor,
Pune - 412206.
2017-18

CERTIFICATE

This is to certify that the mini project report entitled

"HANDTALK ASSISTIVE SYSTEM USING FLEX SENSOR"

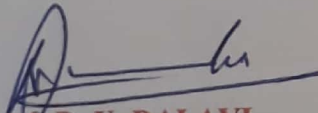
Submitted by


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**EXAM NO. T150713015
EXAM NO. T150713024
EXAM NO. T150713032**

is a bonafide work carried out by them under the supervision of **Asst. Prof. D.U.DALAVI** and it is approved for the partial fulfillment of the requirement of University of Pune for the Third Year Engineering (Electronics and Telecommunication)

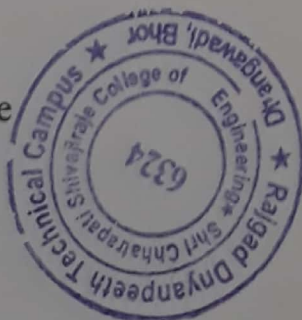
This mini project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.

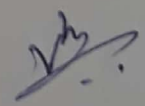

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Date: 19/04/18




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ABSTRACT

In general, deaf people have difficulty in communicating with others who do not understand sign language. Even those who do speak aloud typically have a "deaf voice" of which they are self-conscious and that can make them reticent. The Hand Talk glove is a normal, cloth driving glove fitted with flex sensors. The sensors output a stream of data that varies with degree of bend made by the fingers. Flex sensors are sensors that change in resistance depending on the amount of bend on the sensor. They convert the change in bend to electrical resistance - the more the bend, the more the resistance value. The output from the sensor is converted to digital and processed by using a microcontroller and then it responds in the voice using speaker. In this project we have used a microcontroller, a speech IC and also speaker to produce the output. Hardware Components used are Microcontroller (AT89S52), LCD display (16x2), flex sensors, Power supply and Voice IC (APR 9600). Software used is Kiel U vision, Embedded „C“, Express PCB and ISP. It is used in medical applications, wheel chair direction controlling and robotics.

CHAPTER 4

BLOCK DIAGRAM

4.1 BLOCK DIAGRAM OF SYSTEM

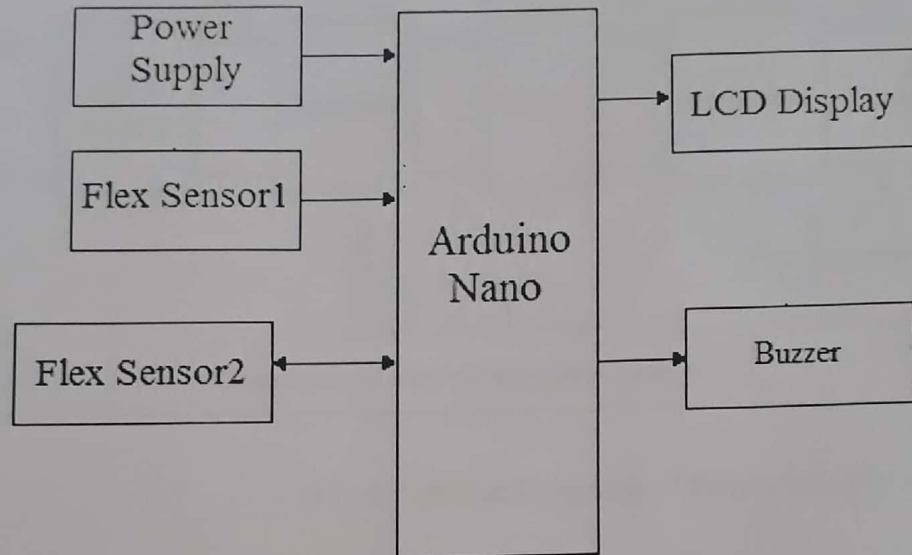


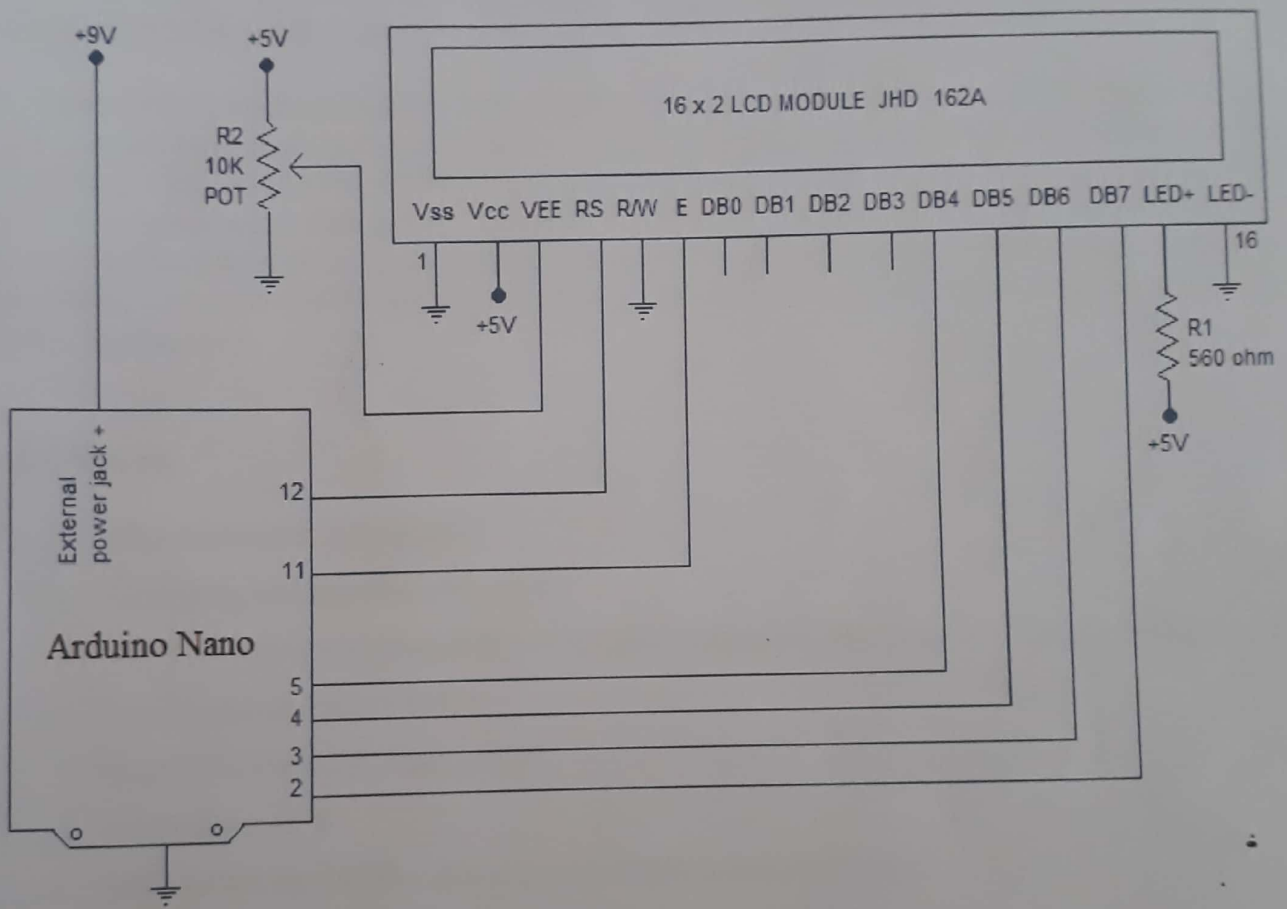
Fig :- Block Diagram Of System

Description:

Flex sensors are placed on gloves which can be easily operated by patient. According to change in finger movement the resistance values will change. The output voltage of flex sensors is in the analog form which is converted into digital form by using inbuilt ADC of LPC2148. These digital values are display on LCD. We have done the code for LPC2148 using c programming language. When the resistance values are matched corresponding message will displayed on LCD. Speak jet is connected to port D of controller LPC2148. It produces the voice according to message which is display on LCD. The voice of speak jet is not audible for human ears for that we used power amplifier to boost the voice signal. This voice will hear via speaker. For emergency situation like, if the person is not available inside the room and patient want to turn on light in his/her room, the controller will operate the device connected to its relay like TV or bulb.

CHAPTER 5

CIRCUIT DIAGRAM



CHAPTER 8

FLOWCHART:

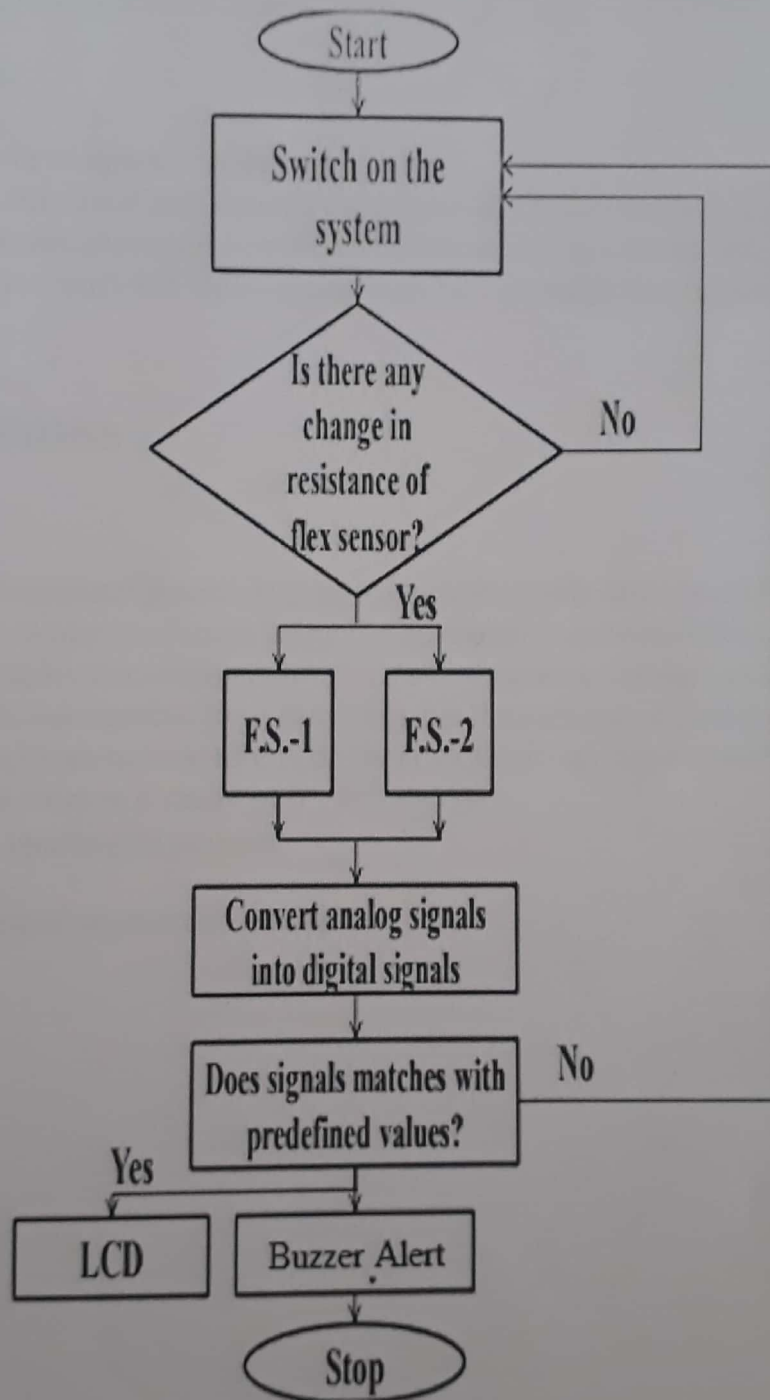


Fig.8.1; flowchart

CHAPTER 11

RESULT

We have prepared "HANDTALK ASSISTIVE SYSTEM USING FLEX SENSOR" which is operating successfully by tracing motion of hand as up, down and straight direction respectively. flex sensor is sensing the hand movement and it rotate in 90degree direction or straight then it continues its operation normally. flex sensor is continuously displaying notice on LCD display

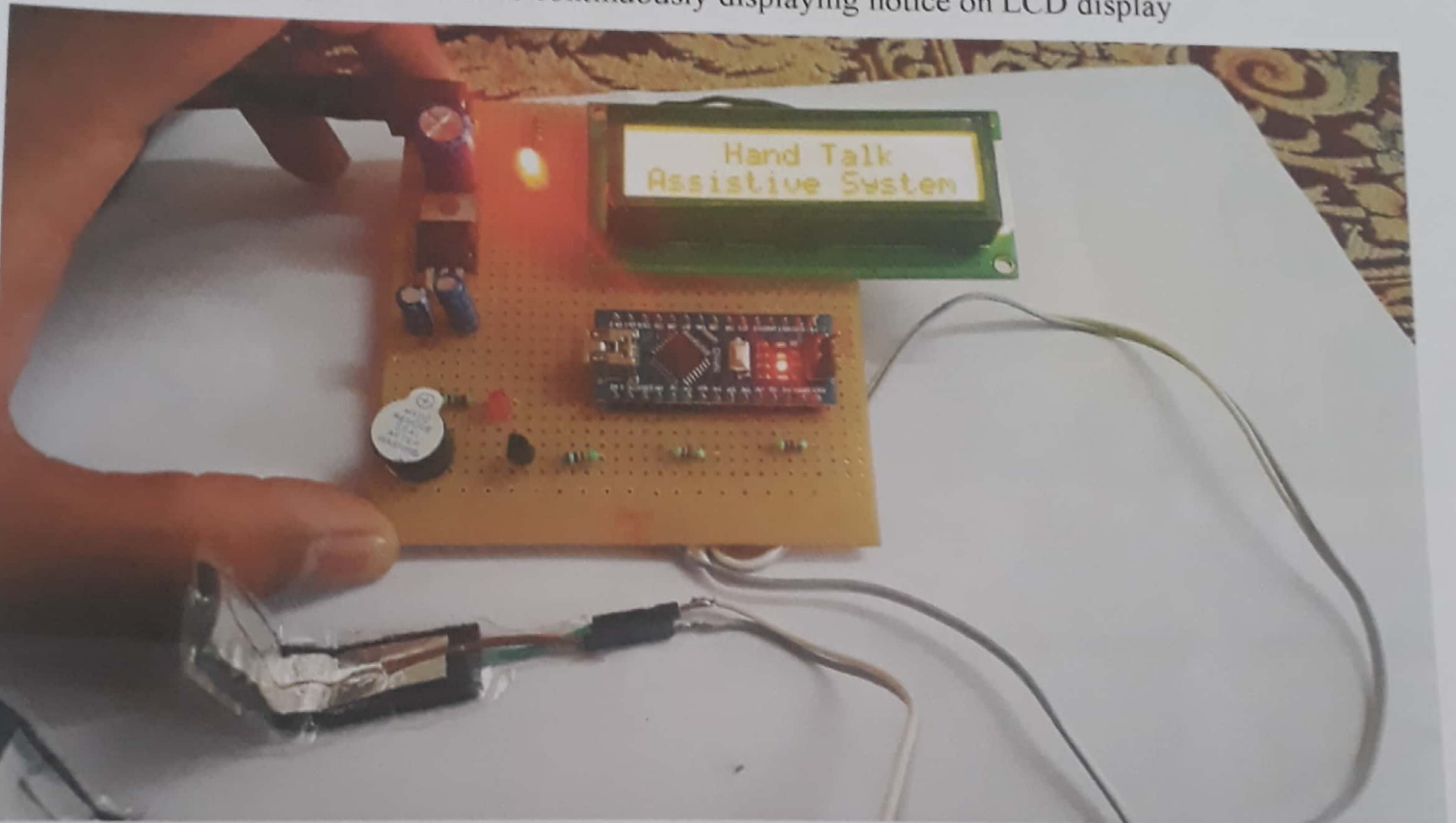


Fig10.1. 9V Power supply is on

Above snap shows that when the power is on then the LCD is on to ready the notice are received from the sensors

Flex Sensor:

HACKATHON BY COMPUTER DEPARTMENT STUDENTS

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

HACKATHON 2017





Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal-Bhor, Dist- Pune (Maharashtra)

REPORT ON SUPRA SAEINDIA CAR

DEPARTMENT : Mechanical Engineering

CLASS: TE & BE

TITLE OF PROJECT : Project on Design & Manufacturing of Supra Car.

NAME OF GUIDE : Prof. A.B Sanap & Prof. S.S Bhopale

ACADEMIC YEAR : 2013-14 and 2014-15

DURATION OF PROJECT: 2 Years

NUMBER OF STUDENT PARTICIPATED: 11

OBJECTIVE : Provide the platform to enhance the student Presentation and Communication skill Personality development and Way for the Creativity

DISCRIPTION:

SUPRA SAEINDIA is a student collegiate design series devoted to the design and construction of Formula one prototype cars. Over 100 Engineering colleges participate in this series with competitive events held in the Chennai India the event is known for the enthusiastic participation of engineering student and the wide range of engineering innovations utilized on the cars.

The Governing rules are limited in technical regulations expect in areas of safety. Although there exist many others avenues of exploration in engine package design, a large majority of teams use a naturally aspired four cylinder engine derived from available motorcycles. A team's engine choice is limited to any four stroke with a displacement less than 610 cc. The number of cylinders is unlimited. Rules also require a 20 mm restrictor when petrol fuel is used and a 19 mm restrictor when instead E-85 fuel is used. With four cylinder formula SAE engines, the shape, layout, size and packaging of intake manifolds vary. Each team uses different runner lengths, plenum volumes, restrictor designs etc. for their intake manifold along with different exhaust configurations, which do not allow for direct comparisons. While the concepts of intake manifolds vary, the restrictor performance is an important consideration for any intake design.



PHOTOS:



ACHIEVEMENT: All India Rank secure 57 (Location: IIT Chennai).

University of Pune's SUPRA SAEINDIA 2014 Team UFO racers (ULTIMATE FORMULA ONE RACERS) participated in this event. The team UFO RACERS choose CBR 250R four stroke engine Single cylinder. In this engine uses a Fuel Injector instead of a carburetor which required for inclusion of cam position sensing for accurate injection and spark timing.

As per the rulebook of SUPRA SAEINDIA due to smallest diameter of restrictor the airflow reduced to small amount with a high velocity and low pressure. It effects on engine and power.



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Prof. Dr. R.L. Khandagale
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