Value Added Courses

AY 2018-19

NAAC Criteria -1.2: Academic Flexibility

AY 2018-19

Course Code (if any)	Name of Add on /Certificate /Value added programs offered	Year of offering	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Value added course 1	Value Added Course on ' Chemical Process Design	2018-19	35 Hours	12	12
Value added course 2	5 days workshop on "Embedded C with Aurdino"	2018-19	5 Days	40	40

PRINCIPAL
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S
COLLEGE OF ENGINEERING
KENNEDY ROAD, PUNE-411 001

AISSMS College of Engineering, Pune-411001

Department of Chemical Engineering

A Report on:

Value added Course on "Chemical Process Design"

Duration:35 hours(02/03/2019 to 13/04/2019, weekend batches)

Industry Institute Interaction Coordinator: Mr.P M Warke

Course conducted by- WissenScientia Academy of Mr. Rajesh Joshi (Industry Personnel & Alumni of AISSMS COE, Pune)

About the Course

This course is designed for fresher & experienced engineers from Chemical Engineering background and wish to work as Chemical Process Engineers, Process Development Engineers, Project Engineers and Industry Personnel involved in EPC activities like purchase, design, fabrication, inspection, maintenance and repair of chemical plants.

The Detailed Process Design Module helps you to understand the basic concept and criteria for the design of process equipment. This course practically deals with design referring the relevant codes and standards wherever required. At the end of this module, students can understand design aspects of process equipment with an industrial point of view.

Benefits for the College and Students

1) Students if attended the course will get an exposure of solving design problems of process equipment, basics of piping calculations.

2) Gaining of knowledge of trouble shooting and idea about its solution.

3) It can help students for their placements in core industries.

4) It involves career counseling for students who wish to do further specialization.

5) This course is designed for the purpose value addition of fresher in Chemical Engineering which can fill up the curriculum gap.

Course content (Syllabus)

1) Introduction
   Purpose and vision of the course

2) Overview of unit operation and unit processes
   Difference in unit operation and Unit processes
   Distillation
   Evaporation
   Drying
   Extraction
   Crystallization
   Mixing and Agitation
3) Basic of material and energy balance
4) Distillation
5) Heat Exchanger sizing
6) Tanks and Vessel sizing
7) Line sizing
8) Pump selection & sizing
9) Valve selection and sizing
10) Utility selection and calculation
11) Reactor Design
12) Mixing And agitation
13) Evaporator Design
14) Extraction
15) Drying
16) Boiler and steam engineering
17) Costing of equipment
18) Basics of PLC. DCS. VFD & Plant Automation
19) Block diagram. Process flow diagram(PFD). Piping and instrument Diagram
20) Preparation for interview Aspect in chemical engineering

Name of Trainers of WissenScientia Academy

1) Mr. Rajesh Sharad Joshi (Alumni)
(Founder. & Director. WissenScientia Academy. Pune)

2) Mr. Vyankat Jadhav
(Director. WissenScientia Academy, Pune)

3) Mr. Sameer Sathe
(Director. Apptrain System. Vadodara. Gujarat)

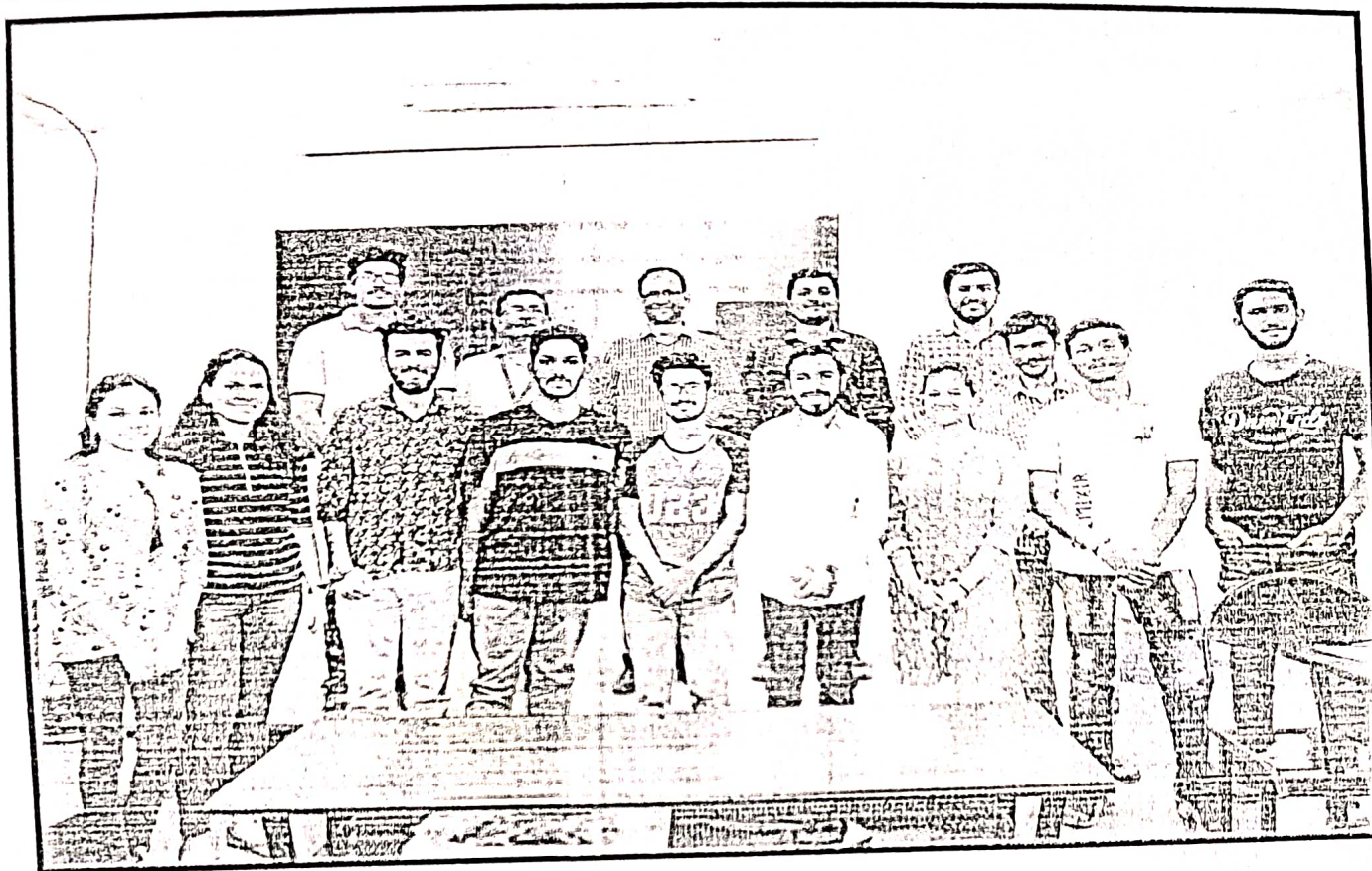## Students of BE Chemical (2018-19) completed the Course:--

SR. NO.	NAME OF STUDENT
1	Mohammad Atif
2	Samiksha Bamgude
3	Sanket Basangar (2017-18)
4	Sonali Barmukh
5	Kishan Chandnani
6	AniketDarekar
7	Gayatri Madhusoodhan
8	Reshnu Pillai
9	Aniket Potdar
10	Vinayak Rajan
11	Chetan Rohida
12	AnirudhaWagh

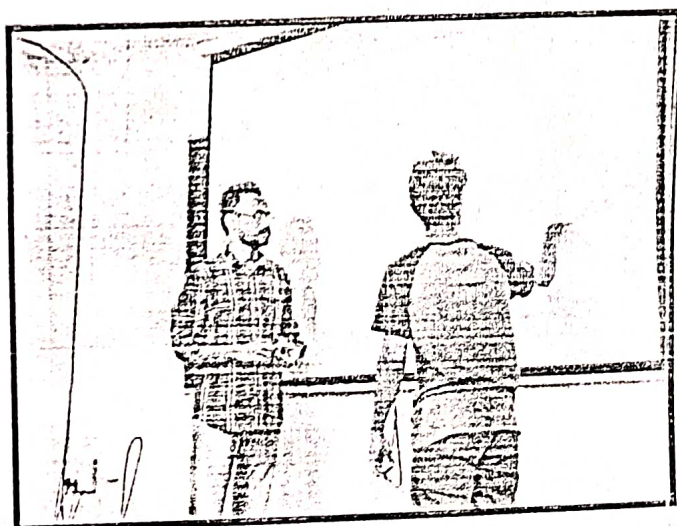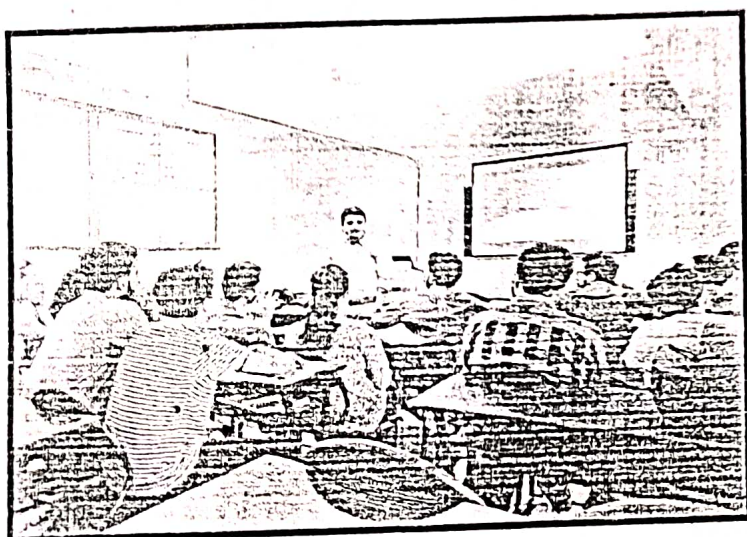## Placement assistance to students attending the course:-

Prof.P M Warke, Course Coordinator and Mr.Rajesh Joshi, Founder & Director of the Academy inform regularly advertisements of job opportunities to the students for their selection / placement in core Chemical Industries.
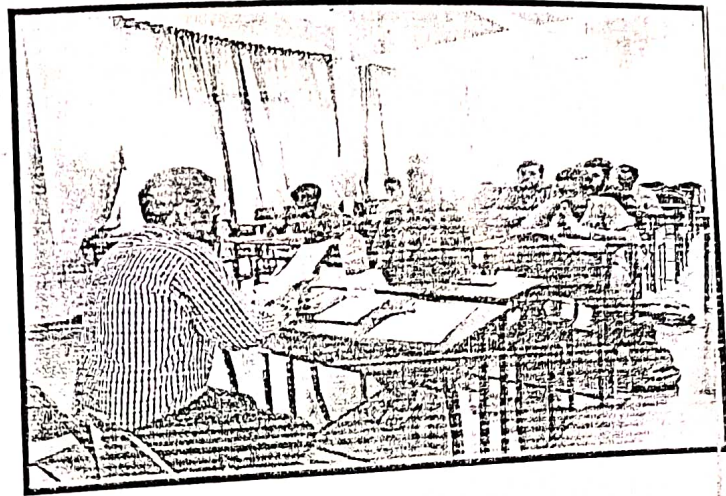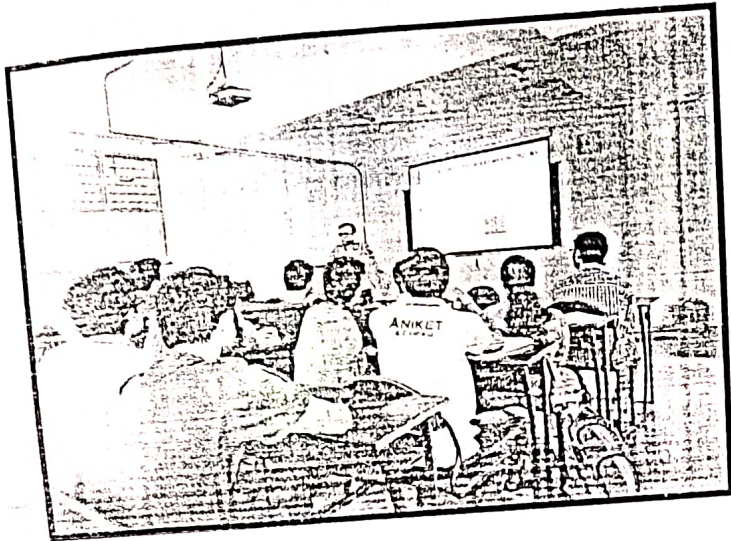
3

1) Batch-I "CHEMICAL PROCESS DESIGN"
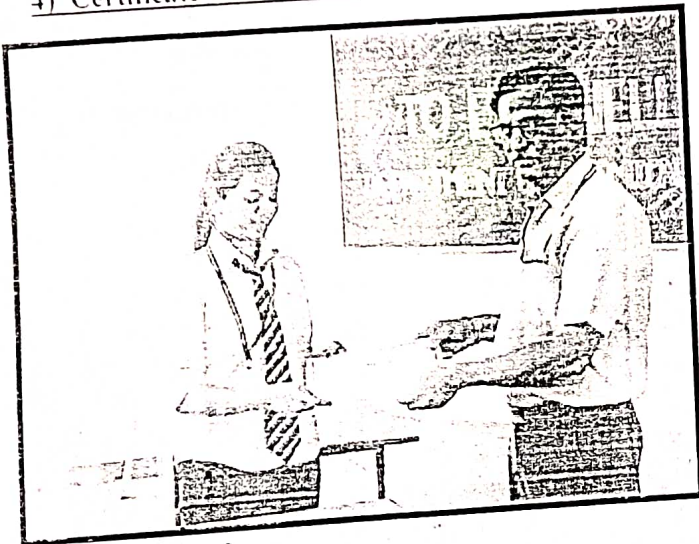

2) Classroom

3) Interview Skill Session

4) Certificate Distribution

5

Students of BE Chemical (2018-19) completed the Course:--

SR. NO.	NAME OF STUDENT
1	Mohammad Atif
2	Samiksha Bamgude
3	Sanket Basangar (2017-18)
4	Sonali Barmukh
5	Kishan Chandnani
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9	Aniket Potdar
10	Vinayak Rajan
11	Chetan Rohida
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All India Shri Shivaji Memorial Society

College of Engineering

Kennedy Road, Pune-411 001

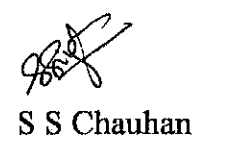Ref. No. AISSMSCOE/PRIN/9/5/2018-19   Date-03.01.2019

Submitted:

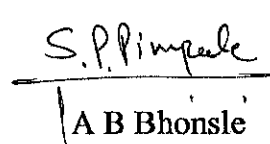**Subject:** Approval of Budget for conduct workshop on **"Embedded C with Arduino"**.

With reference to application of E & TC Engineering Department, they have planned to organize a 3 days workshop on **"Embedded C with Arduino"** on 17-19 January, 2019. This workshop will be beneficial for the TE (Electronics) students. Total expenditure for workshop will be Rs.25000/-. Students will contribute Rs.20000/- and for contribution of Rs.5000/- from College.

You are kindly requested to permit the conduct of workshop and sanction an amount Rs.5000/-. Detail copy of this workshop is attached herewith for your kind information.

This is for your kind information and approval please.

A S Khutale	S S Chauhan	A B Bhonsle	Dr D S Bormane
LDC	Finance Officer	Adm Officer	Principal

To

The Hon Secretary
AISSM Society, 55-56
Shivajinagar; Pune-05

TREASURER   HON. SECRETARY
ALL INDIA Shri SHIVAJI MEMORIAL SOCIETY,
PUNE 411 005.

Submitted:

Sub: Approval to conduct Workshop on "Embedded C with Arduino"

Respected Sir,

Department of Electronics and Telecommunication Engineering is organising a 3 days workshop on "Embedded C with Arduino" from 17/01/2019 to 20/01/2019 for TE (Electronics) Students. Total expenditure for workshop will be Rs.25000/-. Students will contribute Rs. 20,000/- and for contribution Rs.5000/- we need approval from college. This workshop will be value added course for students as per requirement of NBA and NAAC.

Please grant the permission and approve the amount of Rs.5000/- required for conducting workshop.

Resource person for conducting workshop are

- TECHNO SKILLS EDUCATION & TRAINING PUNE
  Maharshi Nagar Pune

Thanking you,

1) Mrs. R R Itkarkar
   Assistant Professor
   Department of E&TC Engineering

2) Mrs. V S Navale
   Assistant Professor
   Department of E&TC Engineering

Through HOD

To,
The Principal,
AISSMSCOE, Pune

Head
Department of Electronics and Telecommunication
AISSMS's COE, Pune

All India Shri Shivaji Memorial Society's

College of Engineering,Pune-01

Department of Electronics & Telecommunication Engineering

Schedule for Workshop on "Embedded C with Arduino"
17/01/2019 to 20 /01/2019

Date	Content	Speaker
17/01/2019	**Introduction to Arduino and Embedded C** **Projects using Arduino on** LED Glow , LED Blinking LED Pattern, Keypad interfacing Control LED/ Buzzer with Keypad	Mr. Shubham Gupta Techno Skills Education & Training, Pune
18/01/2019	**Programming and Interfacing Projects on** Print Digit on Seven segment display Combine seven segments with Keypad Multiplexing of seven segment Connection of L293D motor driver Module	
19/01/2019	**Interfacing on** Interfacing of DC motor Serial Communication Calculate distance by Ultrasonic Sensor Print data on serial Monitor in Arduino IDE Object detection by ultrasonic sensor	
20/01/2019	**Demonstration on** Interfacing of Bluetooth sensor Control AC Light by Bluetooth sensor Introduction about MSP430 Launchpad Pin diagram & Features of msp430 How to write your first program in EnergiaSketch Led and keypad Interfacing	

Mrs. R RItkarkar   Dr D S Bormane

Workshop Coordinator   HOD

AISSMS College of Engineering, Pune-01

Department of Electronics & Telecommunication Engineering

A Report

on

A Four days workshop on "Embedded C with Arduino" from 17/01/2019 to 20/01/2019 for TE (Electronics) Students.

A four days workshop on "Embedded C with Arduino" from 17/01/2019 to 20/01/2019 was organized by E & TC department for TE (Electronics) Students. A hand on training was conducted by TECHNO SKILLS EDUCATION & TRAINING PUNE. They provided training on software and hardware with Aurdino Board.

Mr. Gupta was the experts who delivered training for the Students.

Total number of participants: 40.

Experts: Mr. Gupta from TECHNO SKILLS EDUCATION & TRAINING PUNE

Date : 17/01/2018 to 20/01 /2018

Co-ordinators : Prof. R R Itkarkar & Prof. V S Nawale

Inaugural Function of Workshop Dr. D G Bhalke, Mr. Gupta, Prof V S Nawale, Prof. N P Mawale & Prof. Itkarkar.

Inaugural Function of Workshop Dr. D G Bhalke, Mr. Gupta, Prof V S Nawale, Prof. N P Mawale & Prof. Itkarkar.

Students Involved in Workshop

Dr.D S Bormane Interacting regarding workshop.
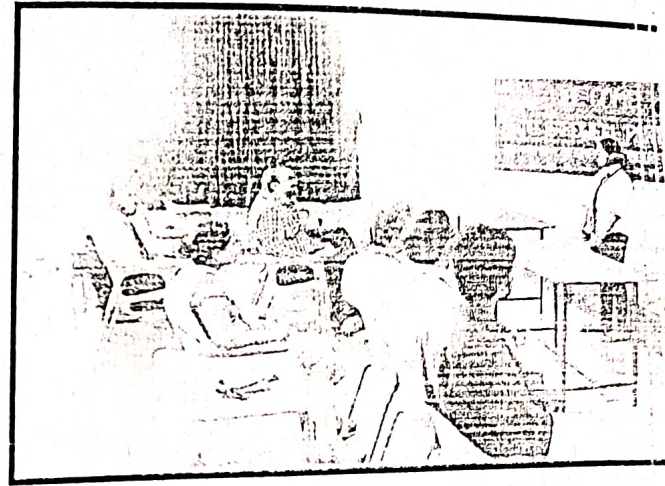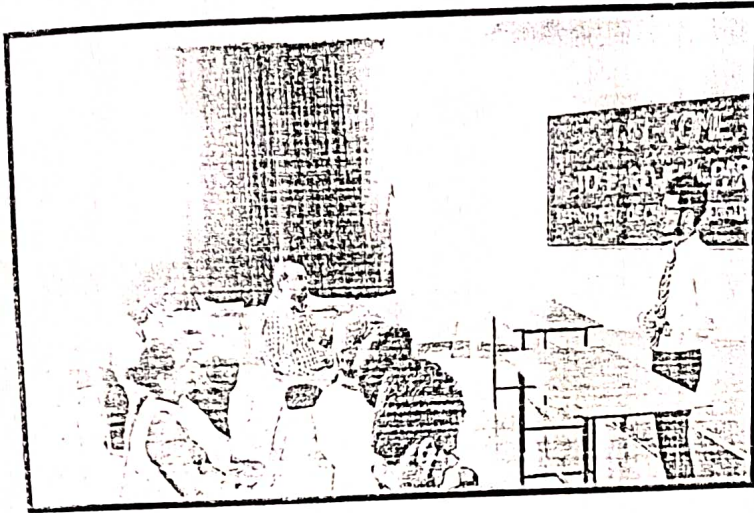
Co-ordinators   **HOD**

(Prof. R R Itkarkar & Prof. V S Nawale)   **(Dr. D S Bormane)**

5) Student's Feedback

Mr.P M Warke
18/4/2019

(Coordinator-Industry Institute Interaction)

Dr K R Jethani
18/4/19

(HOD)
Head
Deptt of Chemical Engg.
AISSMS, COE, PUNE-01.

Enclosure: - Sample Certificate of the course attended

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ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S
COLLEGE OF ENGINEERING, Near RTO, Pune 411001

Registration Sheet

Department of E& TC Engineering

Workshop on Embedded C with Arduino (17/01/2019- 20/01/2019)

2018-19 (Term-II)
Date: 17/01/2019

Sl	Name of Student	Mobile no	Mail Id	Sign
01	Akib Raut.	7743876435	akibraut014@gmail.com	
02	Omkar Darekar.	7218902700	omkar.darekar.55@gmail.com	
03	Sumeet Supe	9762739105	SumeetPsupe@gmail.com	
04	Sahil Vora	7588842013	SahilVo@gmail.com	
05	Prachi Gorate.	8983777847	prachigorate9@gmail.com	
06	shivani Dere	7350871009	shivanidere1719@gmail.com	
07	Siddheshwar Kadukar	9766923997	siddhukadukar@gmail.com	
08	Akansha Shiebhate	7038329910	akanshashiebhate@sm.con	
09	Siddhi Sadavarte	7507097310	siddhisadavarte2n@gmail.com	
10	Pandhare Dipali	7083793386	pandharedipali123@gmail.com	
11	Bhushan Dhangar	8805589689	bhushandhangar28@	
12	Prathamesh Aswale	8888456020	prathamesh41@gm	
13	Ritija Gupta	8805491956	ritijagupta98@gmail.com	
14	Tannushree Sharma	8085148317	tanushreemsharma888@gmail.com	
15	Azhar Khan	7767907055	khanazhar1903@gmail.com	
16	Nivedita ketkar	7218218263	nivedita.ketkar1997@gmail.com	
17	Rahul Joshi	8805332976	joshirahul.329@gmail.com	
18	Mahsh Ghode	7559457985	maheshghode1999@gmail.com	
19	Akanksha Sukre	7387880271	akankshasukre5@gmail.com	
20	Vishakha Meshram	8329133185	vishakhameshram@gmail.com	
21	Shruti Palsutkar	9730250534	shrutipalsutkar@gmail.com	
22	MANISH SURYAWANSHI	9595493830	manishsurya1212	
23	Tejas P. Wade	8999114310	tejaswade43@gmail.com	
24	Patil Monisha	7028102506	nalawadepatilmm@gmail.com	
25	Godolime Ajinkya	9545076840	ajenkyagodol@gm	
26	Mane Dhananjay	8600440055	dhananjaymane45@gmail.com	
27	Siddheshwar Kadukar	9766923997		
28	Audumbar Nisambe	7057357119	audu1997@gmail	
29	Bhagesh chillal	5168965525	bhagesh chillal.gm	
30	Rushikesh R. Padole	2083732565	Rushikeshpadole65@gmail.com	

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S
COLLEGE OF ENGINEERING, Near RTO, Pune 411001

Registration Sheet

Department of E& TC Engineering

Workshop on Embedded C with Arduino (17/01/2019- 20/01/2019)

2018-19 (Term-II)

Date: 17/01/2019

Sl	Name of Student	Mobile no	Mail Id	Sign
31)	Sushant. B. Birajdar	9130279328	sushantbirajdar15@gmail	
32)	Sanket. A. Charan	8983676743	Sanketcharan9823@gmail	
33.)	Sudarshan Pawar	7774973532	sudarshanpawar96@gmail	
34)	Ashwini Mishra	9096313668	a8mishra89532@gmail.com	
35)	Ruchita Vehale	8805183944	mangeshvehale@gmail.com	
36)	Shambhavi Rathou	8698640119	snam.rathou.010698@gmail	
37.)	Poorwa Kapgate	7410718707	purvakapgate@gmail.com	
38)	Jayanti Pote	8446267613	jayanti.pote@gmail.com	
39)	Pranita Patil	7875449517	Pranitaspatil0406@gmail.com	
40)	Pranali Jadhav.	9561661700	pranalijadhav002@gmail.com	
41)	Arya Pisharody	8390774176	arya.amil.pisharody@gmail.com	

R.R. Itkaurhar
V.S. Navale
(Co-ordinator)

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S
COLLEGE OF ENGINEERING, Near RTO, Pune 411001
ATTENDANCE SHEET
Department of E& TC Engineering
Workshop on Embedded C with Arduino (17/01/2019- 20/01/2019)
2018-19 (Term-II)
Date: 17/01/2019

Sl	Name of Student	Session1 Time-	Session2 Time-	Session3 Time-	Session4 Time-
1.	Sudarshan Pawar				
2.	Audumbar Nikombe				
3.	Ashwini Mishra				
4.	Bhagesh Chillal				
5.	Patil Monisha				
6.	Sanket Chavan				
7.	Rushikesh Padhale				
8.	Sushant Biradar				
9.	Ruchita Vehale				
10.	Arya Pisharody				
11.	Prerita Patil				
12.	Jayanti Pote				
13.	Pranali Jadhav				
14.	Gaddime Ajinkya				
15.	Mane Dhananjay				
16.	Tejas Wade				
17.	Shruti Palsufkar				
18.	Mahish Suryawanshi				
19.	Siddhi Sadavarte				
20.	Azhar Khan				
21.	Nivedita Ketkar				
22.	Rahul Joshi				
23.	Mahesh Ghale				
24.	Akanksha Sukre				
25.	Vaishnavi Meshram				
26.	Pandhare Dipali				
27.	Akansha Shirbhate				
28.	Siddheshwar Kaluker				
29.	Bhushan Phangar				
30.	Prathamesh Aswale				

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2018-19 (Term-II)
Date: 17/01/2019

Sl	Name of Student	Session1 Time-	Session2 Time-	Session3 Time-	Session4 Time-
31	Omkar Darekar				
32	Sumeet Supe.				
33	Akib Raut				
34	Sahil vora				
35	Prachi Gorate				
36	Shivani Derre				
37	Ritija Gupta				
38	Tanhushree Sharma				
39	Prafulla Joshi				

R.R.Ithaukar
V.S.Navale.
(Co-ordinator)

HOD(E&TC)

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S

COLLEGE OF ENGINEERING, Near RTO, Pune 411001

ATTENDANCE SHEET

Department of E& TC Engineering

Workshop on Embedded C with Arduino (17/01/2019- 20/01/2019)

2018-19 (Term-II)

Date: 18/01/2019

Sl	Name of Student	Session1 Time-	Session2 Time-	Session3 Time-	Session4 Time-
1	Rushikesh R Podole				
2	Patil Monisha				
3	Audumber Nikambe				
4	Ashwini Mishra				
5	SUDARSHAN PAWAR				
6	Bhagesh Lillal				
7	SANKET CHAVAN				
8	Sushant Birajdar				
9	Poorwa Kapgate				
10	Shambhavi Rathour				
11	Ruchita Venale				
12	Pranita Patil				
13	Jayanti Pote				
14	Arya Pisharody				
15	Ajentya Gaddune				
16	Mane Dhananjay				
17	Tejas P. Wade				
18	Rahul Joshi				
19	Nivedita Ketkar				
20	Bhruti Palsutkar				
21	Azhar Khan				
22	Vaishnavi Mehram				
23	Mahesh Ghate				
24	Akanksha Sutye				
25	Shirbhate Akansha				
26	Pandhare Dipali				
27	siddharth kadukar				
28	Thangar Bhushan				
29	siddhi sadavarte				
30	Pranali Jadhav				

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Sl	Name of Student	Session1 Time-	Session2 Time-	Session3 Time-	Session4 Time-
31.	Prafulla Ingale	Prafulla	Praffulla	Prafulla	Prafulla
32.	akeb. R. Vraut	Amit	Amit	Amit	Amit
33	Sahil Vosa				
34	Prachi Greate	Pus	Pus	Pus	Pus
35	Shivoni Dere	Shivoni	Shivoni	Shivoni	Shivoni
36	Sumeet Supe.				
37	Preethamesh Asnoule	Asnoull	Asnoule	Asnoull	Asnoule
38	Omkar Damkar	Omkar	Omkar	Omkar	Omkar

(Co-ordinator)

R. R. Jhalekar
V. S. Navale

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S
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3	Audumbar Nikambe				
4	Ashwini mishra				
5	SUDARSHAN PAWAR				
6	Bhagesh chillal				
7	SANKET CHAVAN				
8	Sushant Birajdar				
9	Poorwa Kapgate				
10	Shambhavi Rathod				
11	Ruchita Vehale.				
12	Pranita Patil				
13	Jayanti Pote				
14	Arya Pisharody				
15	Ajinkya Gaddime				
16	Mani Dhananjay				
17	Tejas.P. Wade				
18	Rahul Joshi				
19	Nivedita ketkar				
20	Shruti Palsulkar				
21	Azhar. Khan	Azhar	Azhar	Azhar	Azhar
22	Vaishnavi Meshram				
23	Mahesh Ghate				
24	Akanksha Sukre				
25	Pandhare Dipali	Dipali	Dipali	Dipali	Dipali
26	Shirbhate Akansha				
27	kadukar siddharth				
28	Dhangar Bhushan				
29	siddhi sadavarte				
30	Pranali Jadhav	Pranali	Pranali	Pranali	Pranali

Workshop on Embedded C with Arduino (17/01/2019- 20/01/2019)

2018-19 (Term-II)

Date: 19/01/2019

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31.	Prafulla Ingale	Prafulla	Prafulla	Prafulla	Prafulla
32.	akib . P . Rait				
33	Sahil Vore				
34	Prachi Gorate				
35	Shivani Dere.				
36	Sumeet Suhe.				
37)	Pruthamesh Ascone				
38	Omkar Dankar				

R.R. Ithamedholl

U.S. Navale

Co-ordinator .

(Ho Head (E&TC)

Department of Electronics & Telecommunication

AISSMS's COE PUNE-411001.

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3	SUDARSHAN PAWAR				
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6	Ashwini Mishra				
7	SANKET CHAVAN				
8	Sushant Birajdar				
9	Poorwa Kapgate				
10	Shambhavi Rathour				
11	Ruchita Vehale				
12	Pranita Patil				
13	Jayanti Pote				
14	Arya Pisharody				
15	Ajinkya Gaddime				
16	Mane Dhananjay				
17	Tejas P. Wade				
18	Rahul Joshi				
19	Nivedita ketkar				
20	Shruti Palsutkar				
21	Azhar. khan				
22	Vaishnavi Meshram				
23	Mahesh Ghate				
24	Akanksha Sukre				
25	Pandhare Dipali				
26	Shirbhate Akanksha				
27	Siddharth Kadulkar				
28	Thangas Bhushan				
29	Siddhi Sadavarte				
30	Pranali Jadhav				

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S

COLLEGE OF ENGINEERING, Near RTO, Pune 411001

ATTENDANCE SHEET

Department of E& TC Engineering

Workshop on Embedded C with Arduino (17/01/2019- 20/01/2019)

2018-19 (Term-II)

Date: 20/01/2019

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31.	Prafulla Ingale	Prafulla	Prafulla	Prafulla	Prafulla
32.	alceb. D. V Raut	shut	shut	shut	shut
33	Sahil Vora				
34	Prachi Gosate	Pus	Pus	Pus	Pus
35.	Shivani Dere.	Shivani	Shivani	Shivani	Shivani
36	Sumeet Supe				
37)	Pruthamesh Asoule	Absent	Absent	Absent	Absent
38)	Omkar Darekar	Out	Out	Out	Out

R.R. Ithaedhae

V.S. Nanal

Co-ordinator.

Head

Department of Electronics & Telecommunication

AISSMS's COE Pune

Model Certificates

AY 2018-19

Certificate Of Participation

Techno Skills Pune

This is to certify that Mr./Ms._____

*participated in **"Embedded C with Arduino Workshop"** of **four days** at*

A I S S M S College Of Engineering, Electronics & Telecommunication
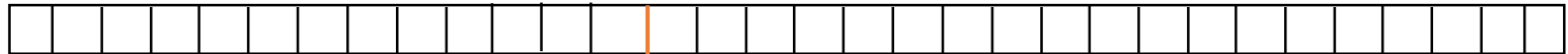
***Department** during 17th - 20th January 2019.*

Dr. D.S.Bormane

_____ _____ _____

R R Itkarkar / V S Navale   Principal & HOD   Manali A Kshirsagar

Coordinator   AISSMS College Of Engineering   Director

AISSMS College Of Engineering   Techno Skills Education & Training, Pune

Registered Email: (All in Capital letters)

Wissen Scientia Academy
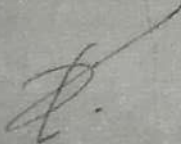## Reketen of wissen

CERTIFICATE

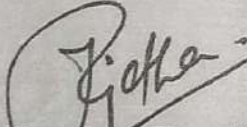*This Certificate is awarded to*

Mr./ Ms. _Aniket Bapu Dazekaz_

For Successfully Completing the Course.
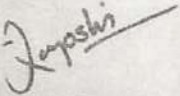
CHEMICAL PROCESS DESIGN

Held at AISSMS Collage of Engg., Pune. During the period - _2nd March 19_ to _31st March 19_
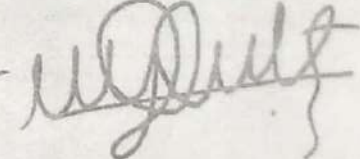
Dr. D. S. Bormane
Principal
AISSMS COE, Pune

Dr. K. R. Jethani
HOD, Deparment of chemical
Engg., AISSMS COE, Pune

Mr. Rajesh Joshi
Founder & Director
Wissen Scientia Academy, Pune

Mr. Vyankat Jadhav
Director
Wissen Scientia Academy, Pune

Roll No :- WSA _005_