

AISSMS

COLLEGE OF ENGINEERING ज्ञानम् सकलजनहिताय



Accredited by NAAC with "A+" Grade | NBA - 6 UG Programmes

NAAC Criteria -1.2: Academic Flexibility

Value Added Courses

AY 2018-19

India Shri Shivaji Memorial Society

College of Engineering

Kennedy Road, Pune-411 001

AISSMSCOE/PRIN/9/(/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.

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S S Chauhan

Finance Officer

A B Bhonsle

Adm Officer

Dr D S Bormane

Principal

To

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

TREASURER

ALL INDIA STATE SHIVAJE MEMORIAL SOCIETY,

Submitted:

Date: 02/01/2019

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 **90**/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. VS Navale
Assistant Professor
Department of E&TC Engineering

Through HOD

To,

The Principal,

AISSMSCOE, Pune

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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		
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	Mr. Shubham Gupta Techno Skills Education & Training, Pune	
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.

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Co-ordinators

HOD

(Prof. R R Itkarkar & Prof. V S Nawale)

(Dr. D S Bormane)



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

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V.S. Navale. Drouble (Co-ordinator) Drouble

Department of Electronics & Telecommunication AISSMS's COE PUNE-411001.



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

Department of E& TC Engineering

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

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

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(Co-ordinator)

R.R. Ithaukauffmans
V.S. Havale from

Department of Electronics & Telecomme AISSMS's COE DE



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

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

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P.R. Ithauchale Thank
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Co-ordinator.

AISSMS's COE PUNE-411001.



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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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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R.R. Ithauthar Thank V.S. Navale Quesdo Co-ordina to r.

Dopartment of the Profession Telecommunic

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. Tabrication, 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:--

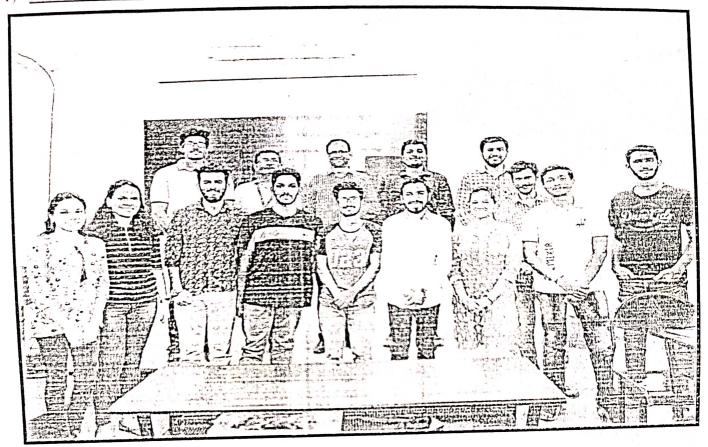
SR. NO.	NAME OF STUDENT	
1	Mohammad Atif	:
2	Samiksha Bamgude	
3	Sanket Basangar (2017-18)	
4	Sonali Barmukh	
5	Kishan Chandnani	
6	AniketDarekar	
7	Gayatri Madhusoodhan	3
8	Reshnu Pillai	
9	Aniket Potdar	
10	Vinayak Rajan	
11	Chetan Rohida	
12	AnirudhaWagh	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Placement assistance to students attending the course:-

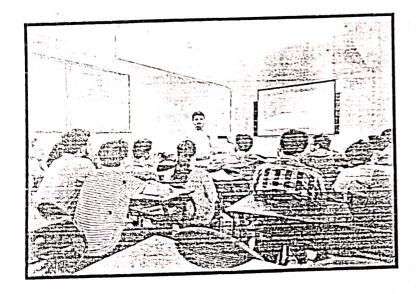
Prof.P M Warke, Course Coordinator and Mr.Rajesh Joshi. Founder & Director of the Academy inform regularly advertisements of job opportunities to the students for their selection / placement in core Chemical Industries.

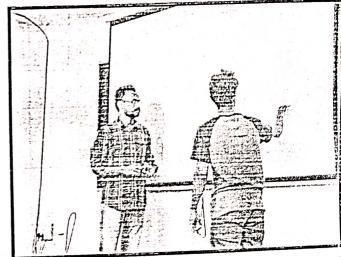
Photographs of course:-

1) Batch-I "CHEMICAL PROCESS DESIGN"



2) <u>Classroom</u>





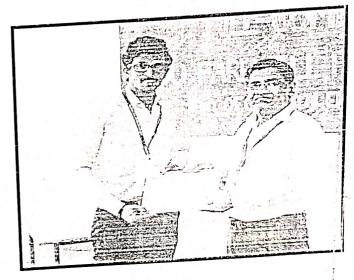
3) Interview Skill Session



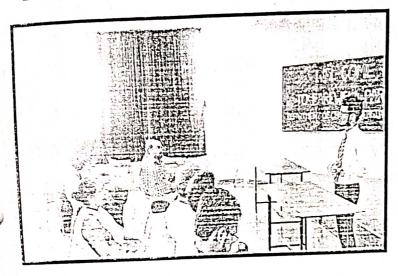


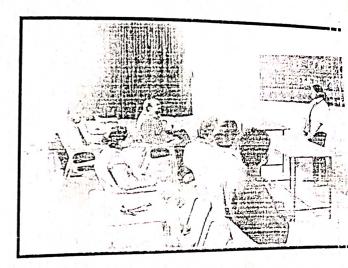
4) Certificate Distribution





5) Student's Feedback





(Coordinator-Industry Institute Interaction)

(HOD)

Head Hopft of Chemical Engg. AISSMS, COE, PUNE-01.

Enclosure: - Sample Certificate of the course attended