



SHRI VILE PARLE KELAVANI MANDAL'S
Institute of Technology, Dhule

Approved by AICTE New Delhi | Affiliated to DBATU, Lonere

Department of Computer Engineering

Cultural / Co-curricular/ Extra-curricular Activities AY 2019-2020 (Even Semester)

Index

Sr.No.	Activity Name	Activity Type (Workshop/ Conference/ Webinar etc.)	Start & End DD / MM / YY	Page Number
1	Three-day hands-on workshop on "Arduino" under Spoken tutorial	Workshop	23rd Jan 2020 to 25th Jan 2020	1-10
2	Celebrated 26th January by doing Social Activity at Navjivan Vikas Vidhya Mandal, Nagoan	Social Activity	26th January 2020	11-12
3	"Microsoft Azure Cognitive Services " by Mr. Mustafa Saiffee(TYBTEch IT)	Workshop	17th Feb 2020	13
4	One day Career Guidance on "Data Science" dated by Mr. Hemantkumar Wani (Experience 14 years, synchrone company)	Career Guidance Seminar	22nd Feb 2020	14
5	Felicitation of academic toppers of Winter Semester 2019 Examination	Felicitation Programme	24th Feb 2020	15
6	Android Workshop	Workshop	7th March 2020	16-21
7	Workshop on Robotics and Embedded System	Workshop	14th March 2020	22-26

8	One-week online Faculty Development Program on "Python" under spoken Tutorial	FDP	1st to 7th June 2020	27-29
9	One Week online Workshop for Final year Diploma students on "R Programming" In Association with IITB "Spoken Tutorial" dated on 8th June to 12th June 2020	Workshop	8th June'20 to 12th June'20	30-34



SHRI VILE PARLE KELAVANI MANDAL
Pursuing excellence in education

Workshop Report

On

Hands on Arduino
(Spoken Tutorial)

Academic Year :2019-20

Department of Computer Engineering
SVKM's Institute of Technology, Dhule

Aim: To understand the basics of Arduino with hands on Technique.

Objective:

1. Overview and recognition of electronic components.
2. Basic Arduino and Arduino IDE.
3. Arduino with Tricolor LED and Push button.
4. Seven Segment Display.
5. Wireless connectivity to Arduino

Resource Person: Mr. Khalid Alfatmi

Ms. Mayuri Kulkarni

Technical Assistant: Mr. Akshay Jain

Date: 23,24,25 January 2020

Target Group: Third Year Computer Engineering

Number of Participants: 62

Successfully Completed: 59

Venue: Class Room 209 and Computer Center

Time: 1:00 pm to 5:00 pm

Contents:

Sr.No.	Topic	Date	Resource Person
1	Overview of Arduino	23.01.2020	Mr. Khalid Alfatmi
2	Electronic Components & connection		Mr. Khalid Alfatmi
3	Introduction to Arduino		Mr. Khalid Alfatmi
4	Arduino components and IDE		Mr. Khalid Alfatmi
5	First Arduino Program		Mr. Khalid Alfatmi
6	Arduino with Tricolor LED & Push button	24.01.2020	Ms. Mayuri Kulkarni
7	Arduino with LCD		Ms. Mayuri Kulkarni
8	Display Counter using Arduino		Ms. Mayuri Kulkarni
9	Seven Segment Display	25.01.2020	Ms. Mayuri Kulkarni
10	Pulse Width Modulation		Ms. Mayuri Kulkarni
11	Analog to Digital Conversion		Ms. Mayuri Kulkarni
12	Wireless Connectivity to Arduino		Ms. Mayuri Kulkarni
13	Spoken tutorial Test	25.01.2020	

Software: Arduino IDE

Hardware : Arduino Kit -6 containing following components :

1. Arduino Uno
2. USB Power Cable
3. Resistor -220ohms,10K ohms,1K ohms
4. Breadboard
5. Tricolor LED common cathode
6. Red LED Common Cathod
7. Seven Segment display-common Cathode
8. Seven Segment display-common anode
9. Decoder-IC 7447
10. LCD 16x2
11. Jumpers
12. Potentiometer 10K ohms
13. ESP8266 WiFi Black color module
14. DHT11 Temperature and humidity sensor
15. L293D H-Bridge Motor driver
16. Buzzer Push Button.

Summary:

This Arduino workshop contents were covered by the resource two persons. The theory behind these all the components is initially explained. Later all the components were distributed to all in a student groups. They form a group of 10-11 students.

Later sessions were hands on session where they have tried different projects like

1. Blinking of LED, different color formation from tricolor LED.
2. Buzzer ON/OFF depend on the LED ON/OFF condition as well as Buzzer triggering on variation of color.
3. DC motor rotation.
4. Pulse Width Modulation.
5. Humidity and temperature sensing.
6. LCD 16x2 displaying names.
7. Wifi module connectivity.
8. Displaying counts using 7-segment display using CC and CA.

After practicing all these hands on activity, the test has been conducted. The online test was conducted by the **spoken-tutorial**.


Prof. Mayuri Kulkarni
(Workshop Coordinator)


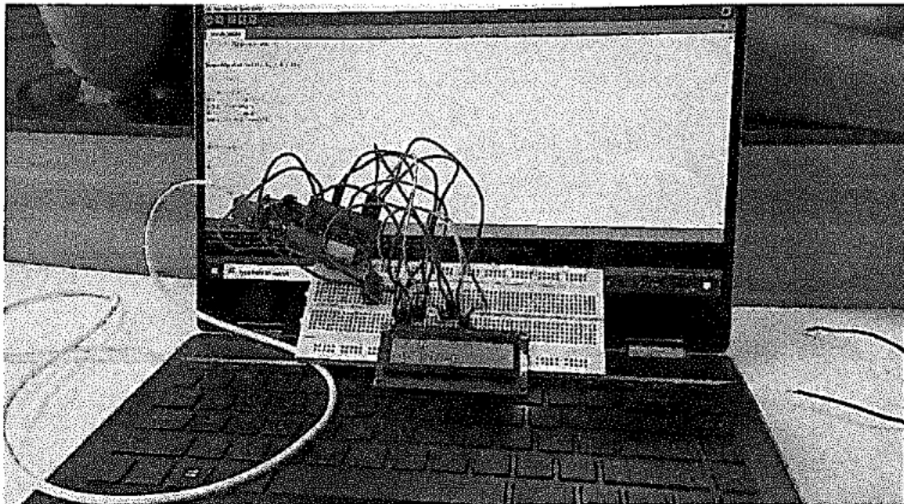
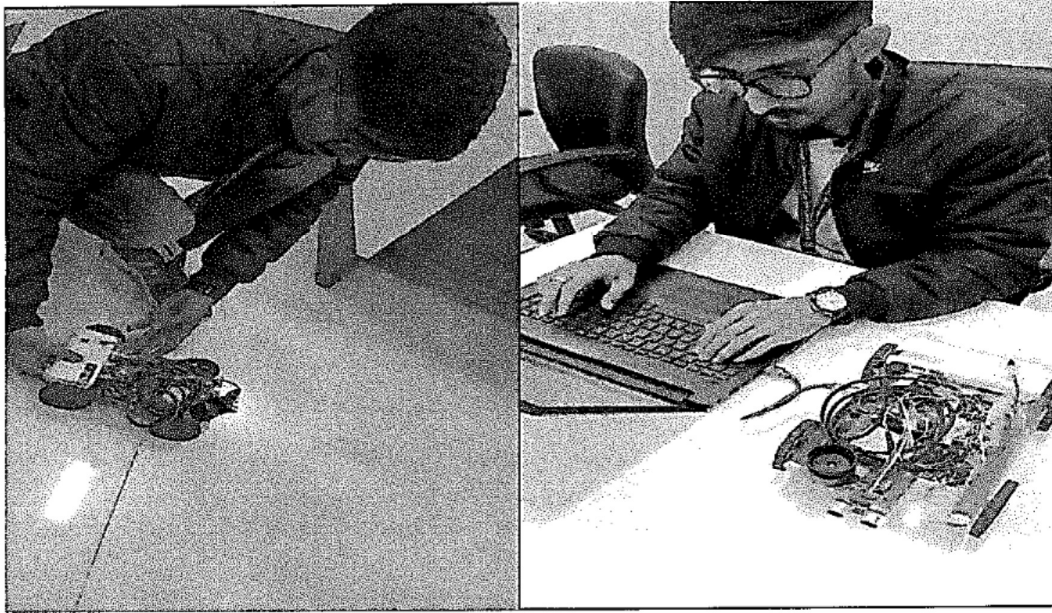
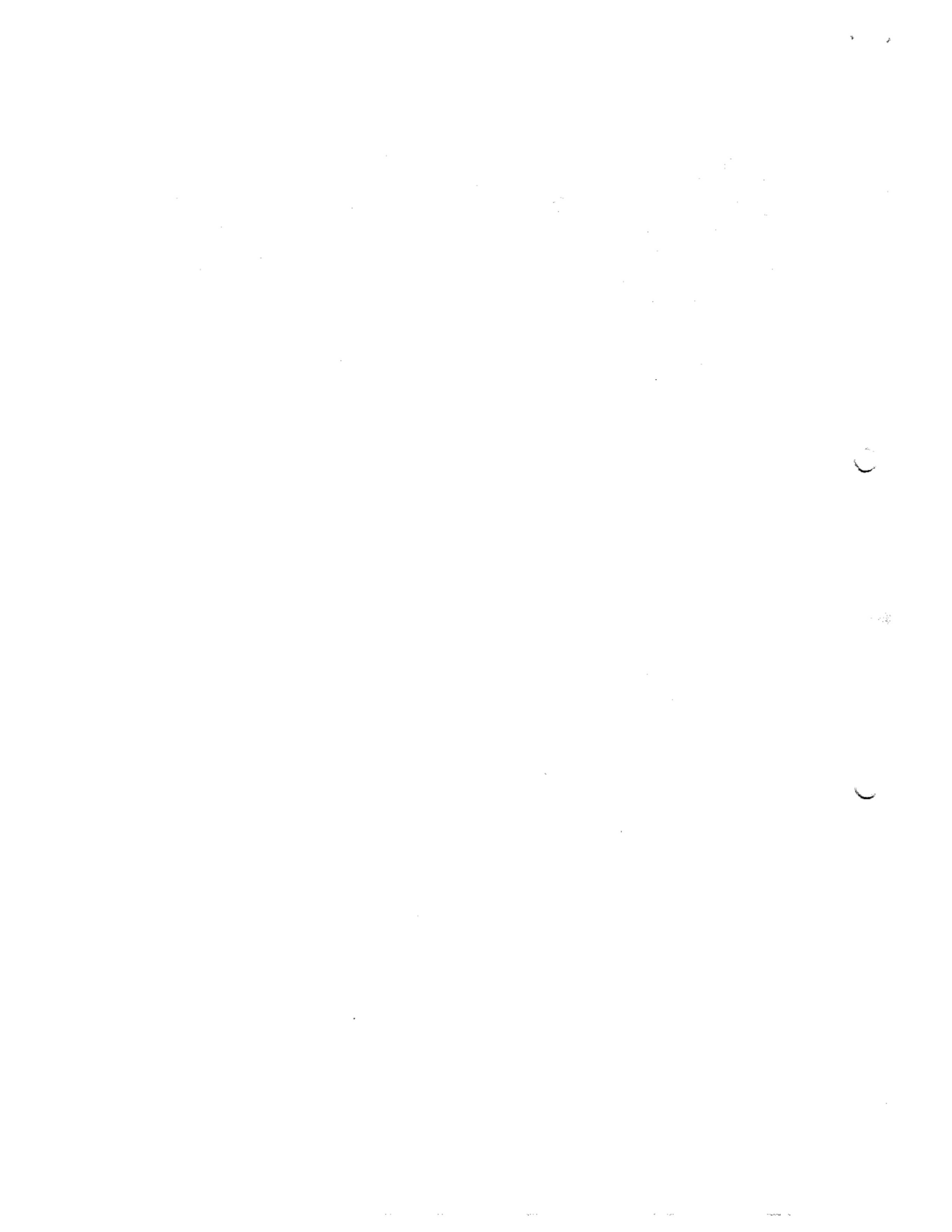

Prof. Khalid Alfatmi
Coordinator
(Dept. of Computer Engineering)

Photo:








31.	Siddheshwar Bhadak	Present	Present	Present	Present	Present	Present
32.	Jacky Galani	Present	Present	Present	Present	Present	Present
33.	Tilesh Deshmukh	Present	Present	Present	Present	Present	Present
34.	Upendra Charasiya	Present	Present	Present	Present	Present	Present
35.	Ashwin Upadhay	Present	Present	Present	Present	Present	Present
36.	Manish Patil	Present	Present	Present	Present	Present	Present
37.	Varun Suryawanshi	Present	Present	Present	Present	Present	Present
38.	Poornima Popali	Present	Present	Present	Present	Present	Present
39.	Pradnya More	Present	Present	Present	Present	Present	Present
40.	Mohini Khedkar	Present	Present	Present	Present	Present	Present
41.	Komal Chaudhari	Present	Present	Present	Present	Present	Present
42.	Priyanka Borse	Present	Present	Present	Present	Present	Present
43.	Dipali Patil	Present	Present	Present	Present	Present	Present
44.	Pooja Chaudhari	Present	Present	Present	Present	Present	Present
45.	Revati Jadhav	Present	Present	Present	Present	Present	Present
46.	Shweta Wagh	Present	Present	Present	Present	Present	Present
47.	Manjusha Kele	Present	Present	Present	Present	Present	Present
48.	Krushna Baviskar	Present	Present	Present	Present	Present	Present
49.	Poojan Modi	Present	Present	Present	Present	Present	Present
50.	Shubham Chaudhari	Present	Present	Present	Present	Present	Present
51.	Sanket Chaudhari	Present	Present	Present	Present	Present	Present
52.	Ketan Mahajan	Present	Present	Present	Present	Present	Present
53.	Rutika Shinde	Present	Present	Present	Present	Present	Present
54.	Nitesh Sharma	Present	Present	Present	Present	Present	Present
55.	Varsha Joshi	Present	Present	Present	Present	Present	Present
56.	Yukta Bhattad	Present	Present	Present	Present	Present	Present
57.	Rohan Jain	Present	Present	Present	Present	Present	Present
58.	Purnash Billore	Present	Present	Present	Present	Present	Present
59.	Yash Bhamare	Present	Present	Present	Present	Present	Present
60.	Gautami Bafana	Present	Present	Present	Present	Absent	Present
61.	Gayatri More	Present	Present	Present	Present	Present	Present
62.	Damini Marathe	Present	Present	Present	Present	Present	Present


Prof. Mayuri Kulkarni
 (Workshop Coordinator)


Prof. Khalid Alfatmi
 Coordinator
 (Dept. of Computer Engineering)

Department of Computer Engineering
SVKM's Institute of Technology ,Dhule
Academic Year:2019-20

Spoken Tutorial -Arduino Certificate

List of Students Received Completion Certificate:

Sr.No.	Name Of Student	Certificate received with %
1.	Tejal Patil	95
2.	Rewa Desale	97.5
3.	Sayali Chaudhari	95
4.	Yogita Masare	72.5
5.	Shweta Pawar	92.5
6.	Harshada Pawar	100
7.	Nikita Harale	72.5
8.	Arati Patil	87.5
9.	Pranali Pawar	75
10.	Ashwini Kulkarni	80
11.	Rutu Patil	70
12.	Sneha Mahale	87.5
13.	Pratiksha Patil	85
14.	Shital Patil	57.5
15.	Mayuri Khairnar	80
16.	Divya Borase	82.5
17.	Payal Vispute	92.5
18.	Sneha Chaudhari	90
19.	Sneha Kulkarni	87.5
20.	Khushboo Chaudhari	97.5
21.	Pooja Mahale	75
22.	Jagruti Nikam	60
23.	Juhi Patil	77.5
24.	Rohit Patil	80
25.	Gunjan Deore	90
26.	Vipul Brahmankar	90
27.	Saurabh Agrawal	92.5
28.	Saurabh Deore	62.5
29.	Yogesh Gawali	92.5
30.	Harsh Choadhary	87.5
31.	Siddheshwar Bhadak	55
32.	Jacky Galani	92.5
33.	Tilesh Deshmukh	95
34.	Upendra Charasiya	92.5
35.	Ashwin Upadhay	87.5
36.	Manish Patil	100
37.	Varun Suryawanshi	100

38.	Poornima Popali	80
39.	Pradnya More	100
40.	Mohini Khedkar	100
41.	Komal Chaudhari	92.5
42.	Priyanka Borse	100
43.	Dipali Patil	97.5
44.	Pooja Chaudhari	90
45.	Revati Jadhav	95
46.	Shweta Wagh	95
47.	Manjusha Kele	82.5
48.	Krushna Baviskar	80
49.	Poojan Modi	95
50.	Shubham Chaudhari	97.5
51.	Sanket Chaudhari	95
52.	Ketan Mahajan	92.5
53.	Rutika Shinde	100
54.	Nitesh Sharma	100
55.	Varsha Joshi	95
56.	Yukta Bhattad	95
57.	Rohan Jain	95
58.	Purnash Billore	85
59.	Yash Bhamare	97.5



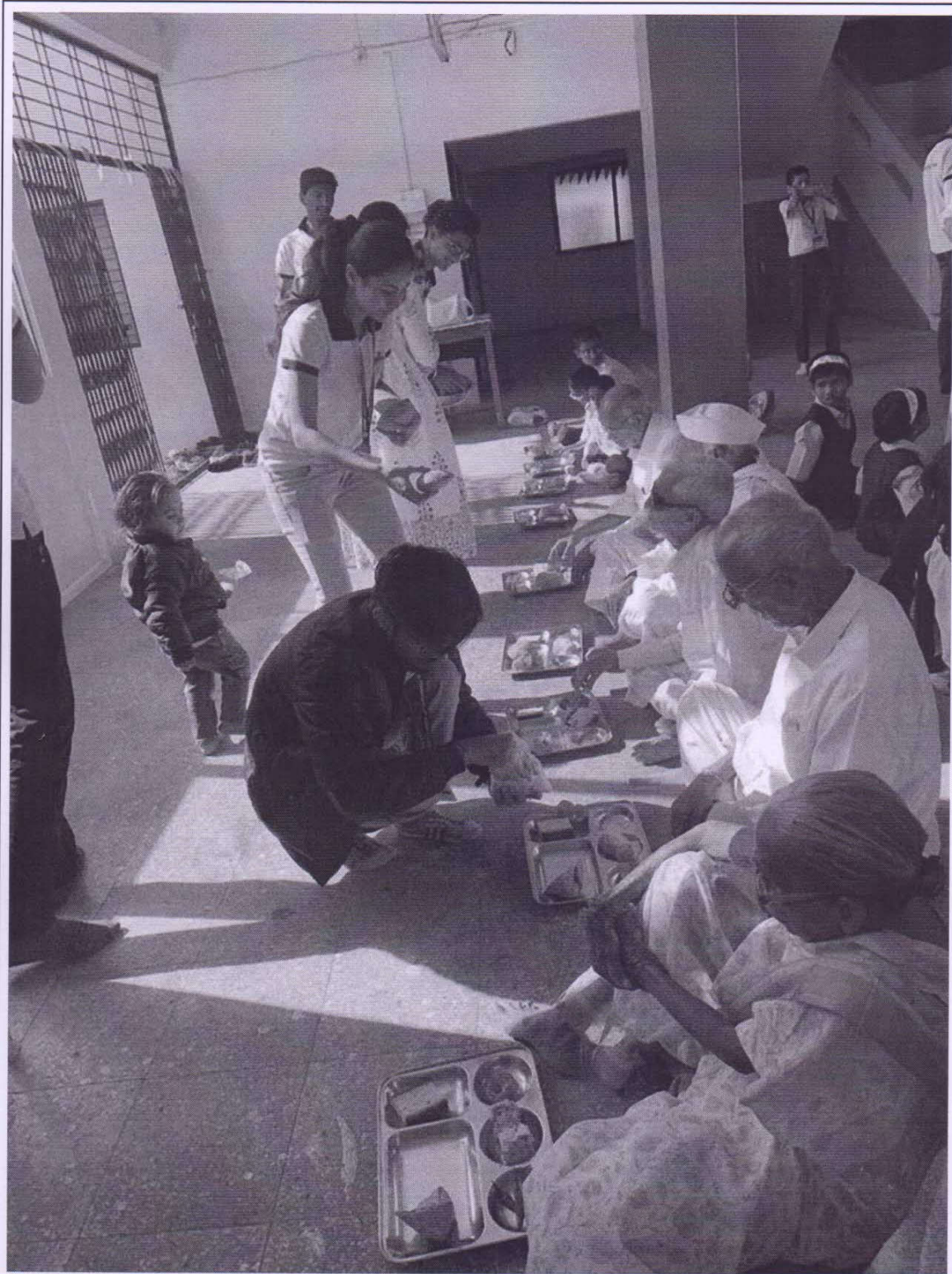
Prof. Mayuri Kulkarni
Spoken Tutorial Coordinator
(Dept. of Computer Engineering)



Prof. Khalid Alfatmi
Coordinator
(Dept. of Computer Engineering)



Department of Computer Engineering Celebrated 26th January with Navjivan Vikas Vidhya Mandal, Nagoan.



Department of Computer Engineering Celebrated 26th January with Navjivan Vikas Vidhya Mandal, Nagoan. This Sanstha specially work for orphan students.

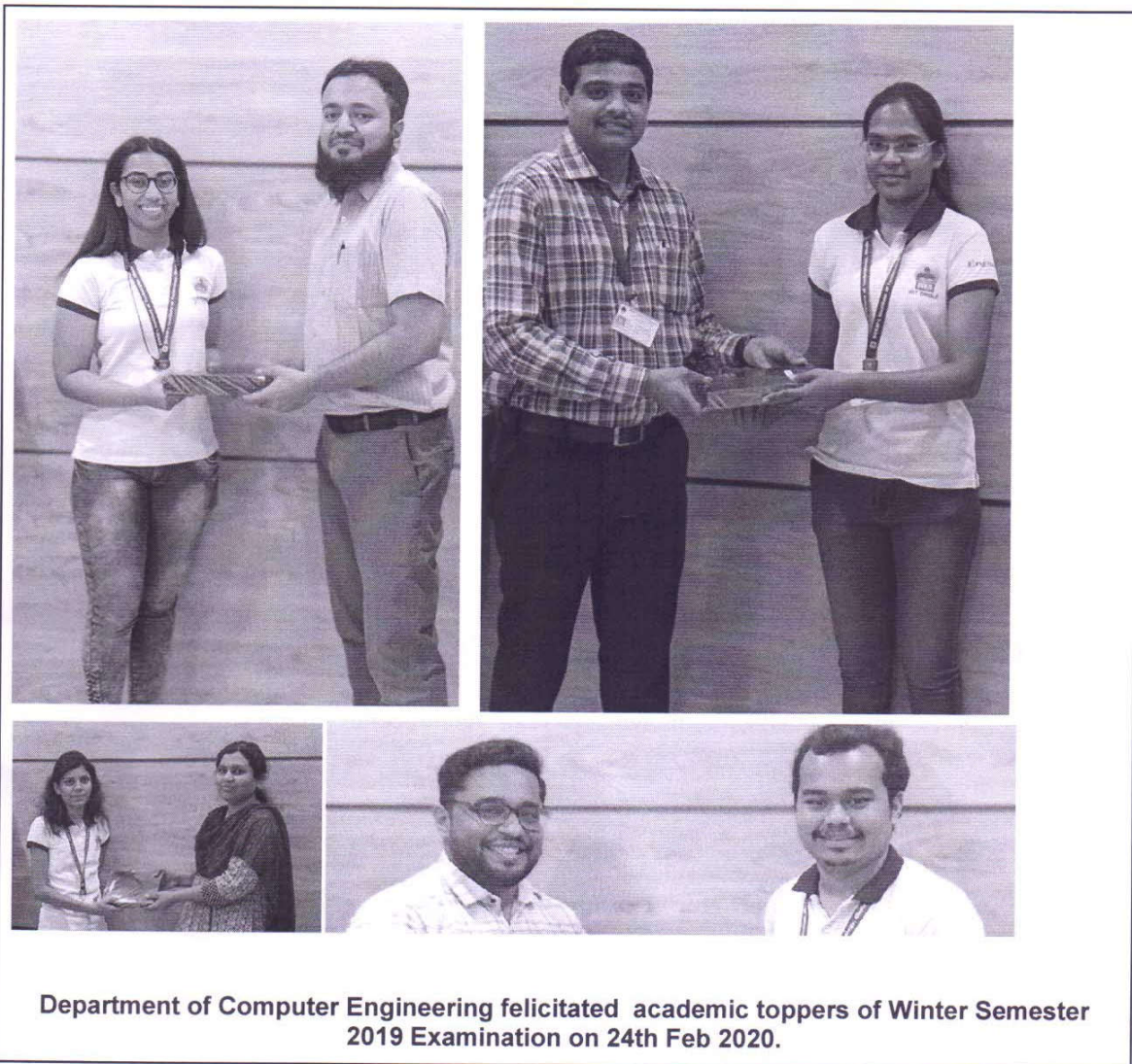


Department of Computer Engineering organized workshop on "Microsoft Azure Cognitive Services " on 17th Feb 2020. Mustafa Saifee was the resource person while Ms. Vijaylaxmi Bittal was the faculty coordinator as well as resource person for this workshop. 30+ students were attended today's workshop. Following things were happened in workshop:

1. Hands-on session on Microsoft Azure
2. Hands-on session on Microsoft Azure Cognitive Services
3. Deployment knowledge base API using QnA Service maker
4. Hands-on session on computer vision API
5. Building AI application using computer vision API
6. All participants got azure benefits worth \$1200+



Department of Computer Engineering organized **one day Career Guidance on “Data Science”** dated on **22nd Feb 2020**. The resource person for this workshop was Mr. Hemantkumar Wani(Experience 14 years, synchronone company)



Department of Computer Engineering felicitated academic toppers of Winter Semester 2019 Examination on 24th Feb 2020.



Shri Vile Parle Kelavani Mandal's
Institute of Technology, Dhule.

Department of Computer Engineering

Organizes **APP**
ANDROID
DEVELOPMENT
WORKSHOP

7th March 2020, Saturday 10:00 am to 5:00pm

Prof. Tukaram Gawali
Workshop Coordinator

Prof. Khalid Alfatmi
Departmental Coordinator

Dr. Nilesh Salunke
Principal

Course Content

9:45-10:00 Inauguration
Ceremony

10:00-11:00 Introduction to
Android Studio, Simple
Program, Use of toast and
intent activity.

11:00-12:00 Create forms
and Layouts

12:00-1:00 Lunch Break

1:00-2:00 Hands-on
Session I
Fun game Development

2:00-3:00 Hands-on Session-
II Create Industrial
Software

3:00-5:00 Project

Entry Fee -100 rupees
only.
(includes breakfast, lunch, certificates)

Limited upto
30 Entries only

Contact- Gunjan Deore
(T.Y Computer)
9405207804





Department of Computer Engineering organized "Android Workshop", conducted on 7th March 2020.

The resource person for this workshop was Prof. Tukaram Gawali. Eight mobile android apps were developed by participants through this workshop. For this workshop Gunjan Deore was the student coordinator.

Prof. Khalid Alfatmi(Departmental head) and Dr. Nilesh Salunke (Principal) gave best wishes and expected many more mobile apps in academics through this workshop.

Android Workshop Date 7th March 2020

Sr. No	Pc-no	Name	Morning Session	Afternoon Session	Evening Session	Coupon (tea, breakfast., lunch)
1	1	Amruta Patil	APatil	APatil	APatil	APatil
2	2	Divya Surana	DSurana	DSurana	DSurana	DSurana
3	3	Gayatri Patil	GPatil	GPatil	GPatil	GPatil
4	4	Suraksha Popali	SPopali	SPopali	SPopali	SPopali
5	5	Janvi Rajput	JRajput	JRajput	JRajput	JRajput
6	7	Tejaswini Yeole	TYeole	TYeole	TYeole	T.M.Yeole
7	8	Neha Saindane	NSaindane	NSaindane	NSaindane	NSaindane
8	9	Payal Badgujar	PBadgujar	PBadgujar	PBadgujar	PBadgujar
9	10	Nikita Hire	NHire	NHire	NHire	NHire
10	11	Neha Yeolekar	NYeolekar	NYeolekar	NYeolekar	NYeolekar
11	12	Praful Pawar	PPawar	PPawar	PPawar	PPawar
12	13	Rushikesh Patil	RPatil	RPatil	RPatil	RPatil
13	15	Sachin Patil	SPatil	SPatil	SPatil	SPatil
14	16	Bhagyshri Suryawarshi	BSuryawarshi	BSuryawarshi	BSuryawarshi	BSuryawarshi
15	17	Kalyani Deore	KDeore	KDeore	KDeore	KDeore
16	18	Sakshi Rathod	SRathod	SRathod	SRathod	SRathod
17	19	Pallavi Patil	PPatil	PPatil	PPatil	PPatil
18	21	Sayali Bagul	SBagul	SBagul	SBagul	SBagul
19	22	Gopal Kasar	GKasar	GKasar	GKasar	GKasar
20	23	Pratik Chavan	PChavan	PChavan	PChavan	PChavan
21	24	Damini Mahale	DMahale	DMahale	DMahale	DMahale
22	25	Mohini Kilaskar	MKilaskar	MKilaskar	MKilaskar	MKilaskar
23	26	Neha Baviskar	NBaviskar	NBaviskar	NBaviskar	NBaviskar
Laptop						
24	1	Sakshi Joshi	SJoshi	SJoshi	SJoshi	SJoshi
25	2	Ketaki Patil	KPatil	KPatil	KPatil	KPatil
26	3	Sakshi Amrutkar	SAmrutkar	SAmrutkar	SAmrutkar	SAmrutkar
27	4	Neha Baisane	NBaisane	NBaisane	NBaisane	NBaisane
28	5	Tanmay Ahirrao	TAhirrao	TAhirrao	TAhirrao	TAhirrao
29	6	Upasana Patil	UPatil	UPatil	UPatil	UPatil
30	7	Dnyanal Gawale	DGawale	DGawale	DGawale	DGawale
31	8	Ritesh Kulkarni	RKulkarni	RKulkarni	RKulkarni	RKulkarni
32	9	Manasi Kulkarni	MKulkarni	MKulkarni	MKulkarni	MKulkarni
33	10	Gaurav Shimpi	GShimpi	GShimpi	GShimpi	GShimpi
34	11	Darshana Borse	DBorse	DBorse	DBorse	DBorse
35	12	Mohini Kilaskar	MKilaskar	MKilaskar	MKilaskar	MKilaskar

Prof. Tukaram Gawali
Workshop Coordinator

Date: 7th March 2020

FINANCIAL REPORT OF ANDROID WORKSHOP

Sr.No.	Total Entries	Entry Fee per Student	Total Entry
1	34	Rs. 100	Rs. 3400

Total collections: = Rs.3400

Expenses On:

A) Canteen Bill

Sr.No.	Particulars	Quantity	Unit Price	Total
1	Tea(Morning)	25	Rs.10	Rs.250
2.	Samosa(Morning)	48	Rs. 10	Rs. 480
3.	Lunch(Afternoon)	40	Rs. 50	Rs. 2000
4.	Tea(Afternoon)	25	Rs. 10	Rs. 250
		Total		Rs. 2980

B) Certificates

Sr.No	Particulars	Quantity	Total Price
1	Participants Certificate	34	Rs. 320
2	Appreciation Certificate	6	

Total Expenses: Rs.3300

Remaining amount: 100

Mr. Gunjan Deore

Student Coordinator

Prof. Tukaram K. Gawali

Co-convenor

Prof. Khalid Alfatmi

Convenor

Enclosure: Bills/Invoice of expenses

Received
Rs 100/-
Shake
12/3/2020
As Dept
fund



Shri Vile Parle Kelavani Mandal's
Institute of Technology, Dhule



CERTIFICATE



This is to certify that Mr. / Ms. _____
of _____ has attended **Android Workshop**
organized by Department of Computer Engineering on 7th March 2020
at SVKM's Institute of Technology, Dhule.

Prof. Tukaram K. Gawali
Co-convener

Prof. Khalid Alfatmi
Convener

Dr. Nilesh Salunke
Principal



Shri Vile Parle Kelavani Mandal's

Institute of Technology, Dhule



Certificate Of Appreciation

is awarded to

Mr. Gunjan Deore

for his appreciable work in Android

Workshop held on 7th March 2020

Prof. Tukaram K. Gawali
Co-convenor

Prof. Khalid Alfatmi
Convener

Dr. Nilesh Salunke
Principal

Activity Report

on

Workshop “Robotics and Embedded System”

‘14th March 2020’



By

Prof. Khalid Alfatmi and Prof. Ashish Awate

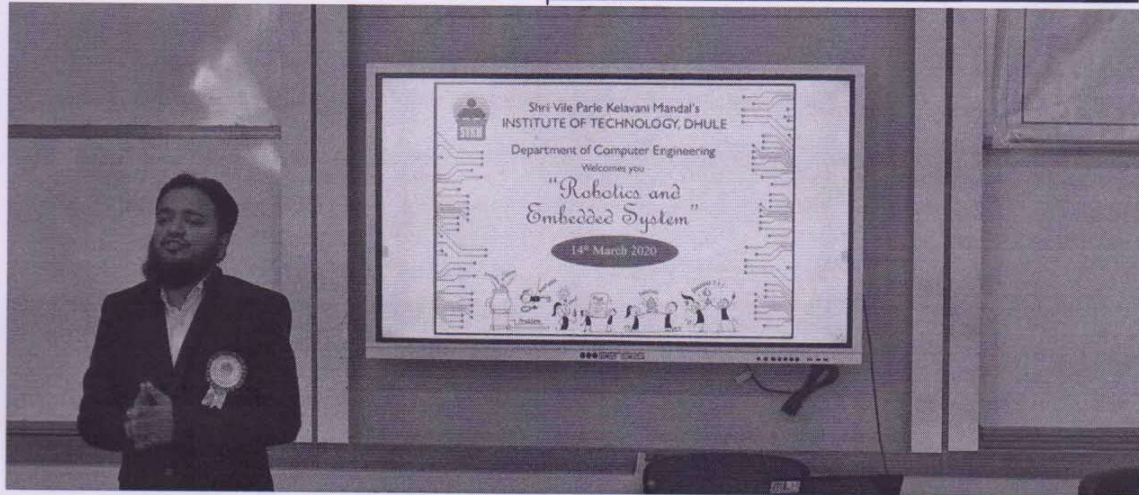
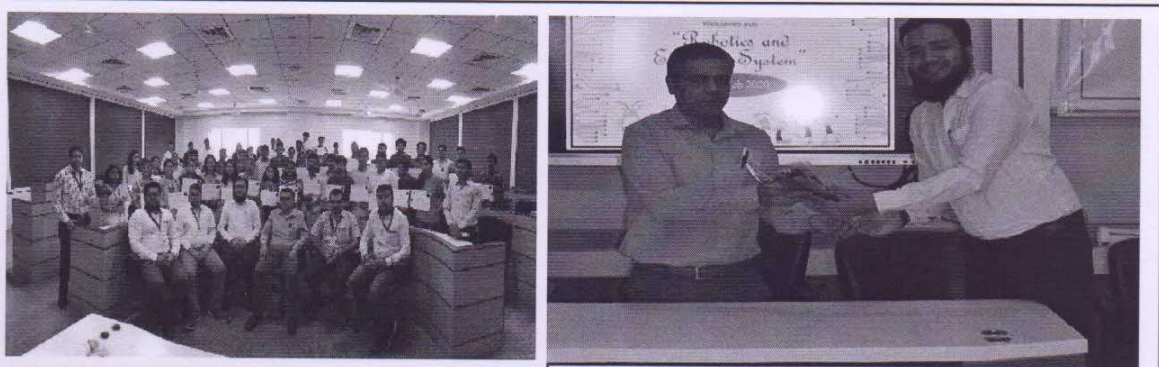
Organized by,

Department of Computer Engineering

, Shri Vile Parle Kelavani Mandal’s

Institute of Technology,

Dhule



The department of Computer Engineering has organised a one day workshop on "Robotics and Embedded System" on 14th March 2020.



Student development workshop

Acknowledgement for workshop KIT and Certificate (IOT)

SR.NO	STUDENTS NAME	YEAR	DEPT	STUDENT KIT	Certificate
1	HARSHA ROHIRA	SY	IT	<u>Harsha</u>	<u>Harsha</u>
2	PRASAD SONKAMBLE	SY	ELECT	<u>Ronkamble</u>	<u>Ronkamble</u>
3	KAJAL LALWANI	SY	IT	<u>Kajal</u>	<u>Kajal</u>
4	SISODIYA ASHWINI	SY	IT	<u>Ashwini</u>	<u>Ashwini</u>
5	NEHA SURYAWANSHI	SY	IT	<u>NR</u>	<u>NR</u>
6	SAYALI CHAUDHARI	SY	IT	<u>Sbc</u>	<u>Sayali</u>
7	SHAIKH MOHAMMAD H.	SY	ELECT	<u>Harid</u>	<u>Harid</u>
8	SUNNY SUPADU PATIL	FY	ELECT	<u>Spatil</u>	
9	AMIT WANI	FY	ELECT	<u>Amit Wani</u>	<u>Amit Wani</u>
10	PAWAN PATIL	FY	ELECT	<u>Patil</u>	<u>Patil</u>
11	AJAY SURESH SHANKAR	FY	ELECT	<u>Ajay</u>	<u>Ajay</u>
12	SHUBHAM D. KASTURE	SY	IT	<u>Shubham</u>	<u>Shubham</u>
13	KESHAV T. MALI	SY	IT	<u>Dmatti</u>	<u>Dmatti</u>
14	PATIL RUCHIKA S	SY	IT	<u>Ruchika</u>	<u>Ruchika</u>
15	MORE BHUMIKA S.	SY	IT	<u>Bmore</u>	<u>Bmore</u>
16	ASHISH JAISWAL	FY	COMP	<u>Ashish</u>	
17	VIVEK PAWAR	FY	COMP	<u>Vivek</u>	
18	RAJAT KANUNGO	FY	COMP	<u>Rkanungo</u>	<u>Rkanungo</u>
19	ROHAN MISTRY	FY	COMP	<u>Rmistry</u>	<u>Rmistry</u>
20	ROHIT D RAWATE	Fy	Civil	<u>Rohit</u>	
21	CHAITALI PATIL	Fy	Civil	<u>Chaitali</u>	
22	KAJAL PATIL			<u>K.D. Patil</u>	

23 Mansi Kulkarni Ind Comp Mansi Mansi

24. Yashodip Kashinath patil 1st elec Yashodip Yashodip

25 Kirti Laxmanrao patil IOP Kirti

26. Shubham Dilip Purohit IOP Shubham

27. Chandrapalsing Virendrasing solanki IOP Solanki

Date-12/03/2020

To,
The Principal
SVKM'S Institute of Technology,
Dhule, Maharashtra

Sub- Request to provide fund from institute for the One Day Workshop on "Robotics and Embedded Systems" on 14 March 2020.

Through: Department Coordinator, Computer Engineering Department

Respected Sir,

Department of Computer Engineering is going to organize the One Day Workshop on "Robotics and Embedded Systems" on 14 March 2020. This workshop we got 35 entries from nearby diploma institution. We calculate the estimated budget for the same as below.

Expenditure	AMOUNT (Rs)	Received amount	AMOUNT (Rs)
1:Lunch (For total 50 Person - Rs50 Each)	2500/-	1.From Participant (Total 35 Participants)	3500/-
2.Breakfast and Tea	1000/-		
3.Evening Tea:	500/-		
4.Registration Kit : (Rs 20 for each participants)	700/-		
5. Booquet and flower for felicitation of guest:	200/-		
6. Goodies & Gifts :	200/-		
7. Certificates :	400/-		
Total Expenditure	5500/-	Total Amount Received	3500/-

From the above table we found that we need some financial support from institution for smooth conduction of this workshop.

So I request you to please provide the same.

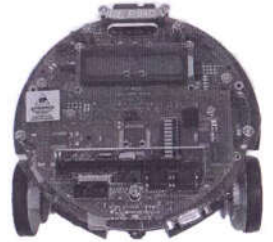
Thanking you

Yours Sincerely

Mr. Ashish S. Awate
Asst. Professor
Comp. Engg. Dept.
SVKM'S IOT, Dhule [M.S.]



Shri Vile Parle Kelavani Mandal's
INSTITUTE OF TECHNOLOGY, DHULE



Certificate of Participation

This is to certify that Mr/Ms _____,
of _____, has successfully completed
one day hands-on workshop on 'Robotics & Embedded
System', held at Department of Computer Engineering,
SVKM's Institute of Technology, Dhule, on 14th March 2020.

Dr. Nilesh Salunke
Convenor

Prof. Khalid Alfatmi
Co-Convenor

Prof. Ashish Awate
Workshop Coordinator



Report
of
One Weeks Online Faculty Development
Program
‘01st June to 07th June 2020’

On

“Python”

Organized by,
Department of Computer Engineering
Shri Vile Parle Kelavani Mandal’s
Institute of Technology,
Dhule

In association with

Spoken Tutorial,
Indian Institute of Technology,
Bombay

Academic Year: 2020-21

Activity Report

Aim: To utilize lockdown period for self-improvement in faculties

Objective: To inculcate faculty with advance tools of teaching and learning process

Name of Program: One weeks online faulty development program on 'Python'

Date: From 01st June to 07th June 2020

Convener: Mr. Khalid Alfatmi

FDP Coordinator: Ms. Mayuri Kulkarni

Organizing Team: 1. Mr. Bhushan Nandwalkar
2. Mr. Ashish Awate
3. Mr. Tukaram Gawali
4. Ms. Vijaylaxmi Bittal

Learning Material: Spoken Tutorial, IIT Mumbai

Participants: Various faculties from different disciplines from various parts of India.

Outcomes: Participants learned:

- 1) To enhance programming skills in Python.
- 2) To install python.
- 3) To bridge a gap between current market requirement and academics.

The pandemic COVID-19 has necessitated drastic measures like social distancing, staying indoors to be taken to fight against it. Needless to say, these are challenging times that we are living in. To utilize this time offered by this control measures in self-improvement and knowledge enhancement, such program is initiated by our institute. In collaboration with Spoken Tutorial, IIT Mumbai, SVKM's Institute of Technology organized one-week online faculty development program from 01st June to 07th June 2020.

A comprehensive set of topics pertaining to Python were covered in the workshop. The course material was provided on Spoken Tutorial platform of **IIT Mumbai**. Spoken Tutorial is an initiative by the National Mission on Education through Information and Communication Technology (ICT) launched by the **Ministry of Human Resources and Development (MHRD)**, Government of India and is being developed by IIT Mumbai.

The inauguration was carried out online platform by Hon. Principal Dr. N. P. Salunke.

Conduction of event:

For the Online FDP we received very good response from all over the India. Total registered faculties for the Online FDP were 205. Among them only 182 were selected for the workshop. This selection was based by verifying email ids at spoken platform.

Study material is available on Spoken Tutorial platform. Participants need to watch assigned videos on daily basis and solve quiz based on videos. The exchange of information regarding video links and daily quizzes has done on WhatsApp as well as google group made for event. Certificates have distributed based upon daily quiz and final quiz submission.

To appear for the final examination conducted by SVKM's Institute of Technology, Dhule. The criteria were minimum 50% quiz attendance. So 128 were appeared for the final exam. Among them 128 participants scored more than 40% those participants awarded with the Certificates from IITB Spoken Tutorial as well as SVKM's Institute of Technology, Dhule certificate.

Ms. Mayuri Kulkarni
Online FDP Python-Coordinator
(Department of Computer Engineering)

Mr. Khalid Alfatmi
Online FDP-Convener
(Department of Computer Engineering)

Enclosures:

- **Brochure**
- **Schedule of online FDP**
- **Registration List of Participants**
- **List of Verified and Not Verified Emails of Participant**
- **Quiz Evaluation Sheet**
- **Final Exam appeared Participants**
- **List of FDP Certificate Participants**
- **Sample Certificate:**
 1. **In-house Certificate:**
 2. **Spoken Tutorial Certificate:**
- **Sample Feedback.**



Spoken Tutorial

Activity Report

of

One Week Online Faculty Development Program

‘8th June to 12th June 2020’

On

“R- Programming”

Organized by,

**Department of Computer Engineering
, Shri Vile Parle Kelavani Mandal’s
Institute of Technology,
Dhule**

In association with

**Spoken Tutorial,
Indian Institute of Technology,
Bombay**

Activity Report

Aim: To utilize lockdown period for improve the knowledge of final year diploma students

Objective: To inculcate final year diploma students with advance tools of learning process

Name of Program: One weeks online student development program on 'R- Programming'

Date: From 8th June to 12th June 2020

Convener: Prof. Khalid Alfatmi

Workshop Coordinator: Prof. Ashish Awate

Learning Material: Spoken Tutorial, IIT Mumbai

Participants: Various final year students from different disciplines from various parts of Maharashtra.

Outcomes: Participants learned:

- 1) To enhance programming skills in R-Programming.
- 2) To install R-Studio.
- 3) To bridge a gap between current market requirement and academics.

The pandemic COVID-19 has necessitated drastic measures like social distancing, staying indoors to be taken to fight against it. Needless to say, these are challenging times that we are living in. To utilize this time offered by this control measures in self improvement and knowledge enhancement, such program is initiated by our institute. In collaboration with Spoken Tutorial, IIT Mumbai, SVKM's Institute of Technology organized two week online faculty development program from 8th June to 12th June 2020. Total 30 students from all over Maharashtra has participated in this event and got certified successfully.

A comprehensive set of topics pertaining to Java were covered in the workshop. The course material was provided on Spoken Tutorial platform of **IIT Mumbai**. Spoken Tutorial is an initiative by the National Mission on Education through Information and Communication Technology (ICT) launched by the **Ministry of Human Resources and Development (MHRD)**, Government of India and is being developed by IIT Mumbai.

The inauguration was carried out online platform by Hon. Principal Dr. N. P. Salunke and Convener, Prof. Khalid Alfatmi.





SVKM's Institute of Technology, Dhule
Department of Computer Engineering
Organized
One-week Online Workshop
on
"R Programming"
8th June 2020 to 12th June 2020
In Association with
Indian Institute of Technology, Bombay
<https://spoken-tutorial.org/>



Workshop Schedule

Date	10:00 AM - 12:30 AM	12:30 PM - 02:00 PM	2:00 PM - 05:00 PM
	Session-1		Session-3
8-Jun-20	<ol style="list-style-type: none">1. Installing R and RStudio on Linux2. Installing R and RStudio on Windows3. Introduction to basics of R4. Introduction to Data Frames in R5. Introduction to RStudio	Lunch Break	<i>Quiz1</i>
9-Jun-20	<ol style="list-style-type: none">1. Introduction to R script2. Working directories in RStudio3. Indexing and Slicing Data Frames4. Creating Matrices using Data Frames	Lunch Break	<i>Quiz2</i>
10-Jun-20	<ol style="list-style-type: none">1. Operations on Matrices and Data Frames2. Merging and Importing Data3. Data types and Factors4. Lists and its Operations	Lunch Break	<i>Quiz3</i>
11-Jun-20	<ol style="list-style-type: none">1. Plotting Histograms and Pie Chart2. Plotting Bar Charts and Scatter Plot3. Introduction to ggplot24. Aesthetic Mapping in ggplot25. Data Manipulation using dplyr Package	Lunch Break	<i>Quiz4</i>
12-Jun-20	<ol style="list-style-type: none">1. More Functions in dplyr Package2. Pipe Operator3. Conditional Statements4. Functions in R	Lunch Break	<i>Final Quiz & Feedback</i>

Prof. Ashish Awate
Workshop Coordinator

Prof. Khalid Alftami
Convener



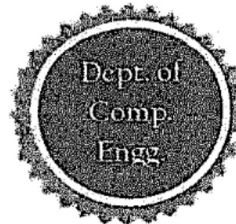
Shri Vile Parle Kelavani Mandal's
Institute of Technology
Department of Computer Engineering
CERTIFICATE
OF
PARTICIPATION

This certificate is proudly presented to

Mr./Ms. {{Full Name}}

Of {{Other Identifier}}

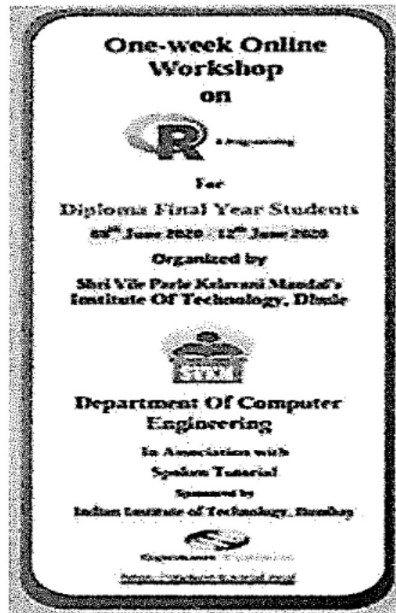
for participation in One Week Workshop on "R Programming Language" organized by Department of Computer Engineering, Shri Vile Parle Kelavani Mandal's Institute of Technology, Dhule in association with Indian Institute of Technology Bombay : Spoken Tutorial conducted from 08th June 2020 to 12th June 2020.



(Prof. Ashish Awate)
Workshop Coordinator

(Prof. Khalid Alfatmi)
Convener

(Dr. Nilesh Salunke)
Principal, SVKM IOT Dhule



**One Week online Workshop for Final year Diploma students on
"R Programming" In Association with IITB "Spoken Tutorial" dated on 8th June to 12th June
2020**