



**JSPM's BHIVRABAI SAWANT INSTITUTE OF
TECHNOLOGY AND RESEARCH**
Wagholi, Pune.



Department of Electronics & Telecommunication Engineering

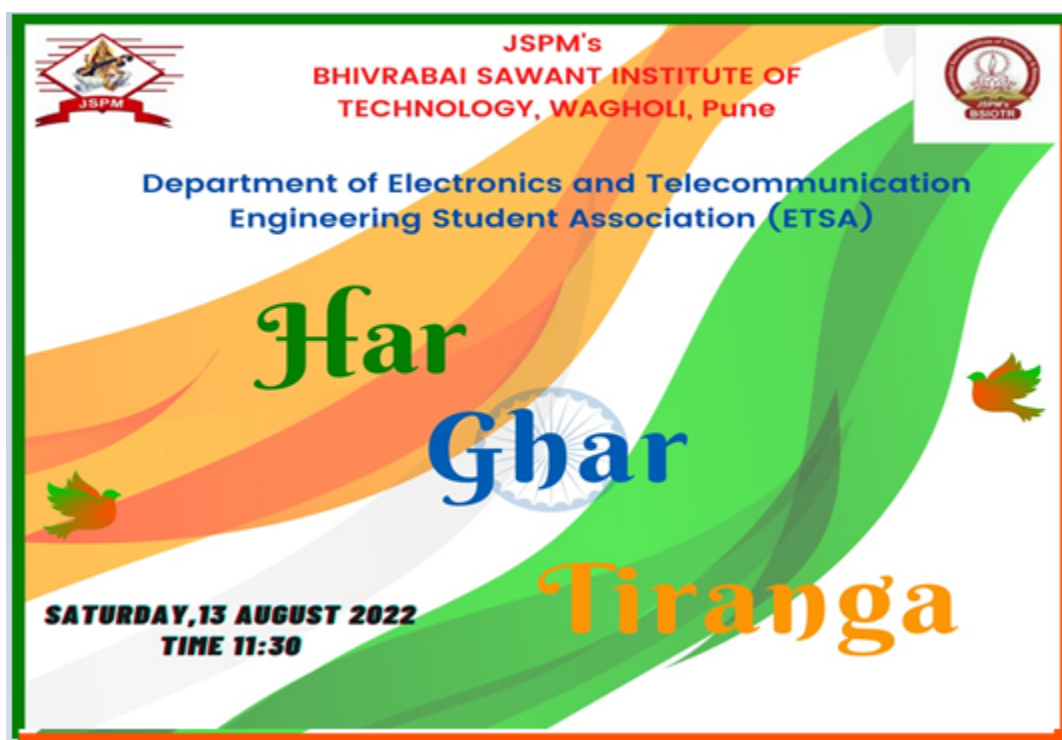
A report on

“HAR GHAR TIRANGA”

Objective	To encourage the citizens of India and our College to hoist the Indian National Flag in their homes and offices
Date of Conduction	13/08/2022
ETSA Coordinator	Prof. Meenakshi A
Student Coordinator	Ms. Aishwarya Hargude, TE(E&TC)
Students Participated	82 E&TC Dept Students

This program is being organized under Electronics and Telecommunication Students Association (ETSA). The government of India launched the 'Har Ghar Tiranga' campaign from August 13 to 15 urging all citizens to hoist the national flag in their homes to mark the 75 years of **Independence**. Our Prime Minister of India, Narendra Modi stated that the relationship of Indian citizens with the National Flag has been very institutional, it is high time that the people of India bring home Tiranga to form a deeper bonding with the Nation.

In this regard, many students participated in activities like singing patriotic songs and dances on patriotic songs were also organized for all the students of E&TC Department. These activities generates deep sense of gratitude towards Nation. “**HAR GHAR TIRANGA**” which is organized on 13/08/2022 at 11.00 a.m. Dr. T.K.Nagaraj, Principal of BSIOTR addressed the students and Dr. Y .S. Angal, HOD(E&TC) motivated students by informing them about importance of this event. Student event coordinator Ms. **Aishwarya Hargude** (TE(E&TC)), **Prof. Meenakshi A** and her team has taken initiative to conduct this event in less span of time. The function started with National Anthem.





Program started by anchors of ‘HAR GHAR TIRANGA’ Ms. Aishwarya Hargude & Mr. Kunal Narwade from TE(E&TC)



Dignitaries of the function



Principal Dr.T.K.Nagaraj sir speech

Our honorable Dr.T.K.Nagaraj (Principal, BSIOTR), Dr.Y.S.Angal (HOD, E&TC), Dr. A.L.Wanare (Professor, E&TC), Prof. Vidya Jagtap (HOD, IT), Mr.Sachin Kawathe (Office Superintendent, BSIOTR), Mr. Ganesh Ghodke (Supervisor, JSPM Campus Office) were Guests for the Program. Dr.T.K.Nagaraj sir addressed the students and motivated them with the valuable words. Dr. Y .S. Angal, HOD (E&TC) motivated students by informing them about importance of this event.

Some Glimpses of Har Ghar Tiranga at E&TC Dept.:





Shraddha Bade and Aishwarya Gole sang a song on the occasion of celebration of India's 75th Independence Day. Chaitra Deshpande and Priyanka Patil delivered speech on importance of celebration of this event. After that Mahesh Waghmode of TE Class delivered the speech in which he talked about importance of our Nation



Final Year Students BE Class performed group dance on Patriotic song.



Vote of Thanks

At the end of this event, our respected HOD of E&TC Department gave the vote of thanks to all those who were present for this event.

Expected Outcome:

To invoke the feeling of patriotism in the hearts of the citizen and promote awareness about our national flag.


A. Meenakshi
ETSA Coordinator




Dr. Y.S. Angal
H.O.D. E&TC
Electronics & Telecommunication Department
Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune-412207


Dr. T.K. Nagaraj
Principal
Bhivarabai Sawant Institute of Technology & Research
Wagholi, Pune-412207.





**Jayawant Shikshan Prasarak Mandal's
Bhivarabai Sawant Institute of Technology & Research**

(Approved by AICTE New Delhi, DTE Mumbai and Affiliated to Savitribai Phule Pune University)
Accredited by NBA and NAAC

Gat No. 719/1 & 2, Wagholi, Pune-Nagar Road, Pune-412207
Ph : 020-067335108, 05217050, 07336100

Website : <https://jspmbsiotr.edu.in/>

AICTE & JSPM FUNDED

STUDENTS' CLUB UNDER THE

SCHEME PROMOTING INTERESTS, CREATIVITY AND ETHICS AMONG STUDENTS (SPICES)

"BSIOTR MANTHAN"

AY-2022-23



Date: 05-09-2022

Title of Program: Hear Us out (Speech Competition)

SR. NO	DATE	Name of participant	Particulars	Account Head	Invoice No.	Quantity	Amount	Total cost per bill Amount
1.	03-09-2022	Pavan Varieties	Notepad	Stationary		3	60/-	1328/-
2.	03-09-2022	Pavan Varieties	Pens	Stationary		3	30/-	
3.	03-09-2022	Pavan Varieties	Baloon	Stationary		4	200/-	
4.	03-09-2022	Pavan Varieties	Siccors	Stationary		2	160/-	
5.	03-09-2022	Pavan Varieties	Double tape	Stationary		5	100/-	
6.	03-09-2022	Pavan Varieties	Cardboard	Stationary		6	150/-	
7.	03-09-2022	Pavan Varieties	Color Sheet	Stationary		5	50/-	
8.	03-09-2022	Pavan Varieties	Fevicol	Stationary		2	578/-	
9.	04-09-2022	Shree Ganesh Flex	Flex	Printing & Stationary		1	700/-	875/-
10.	04-09-2022	Shree Ganesh Flex	Flyer	Printing & Stationary		7	175/-	
11.	05-09-2022	S.K Sports	Momento (12 Inch)	Felicitation Expense		1	350/-	1100/-
12.	05-09-2022	S.K Sports	Momento (10 Inch)	Felicitation Expense		3	750/-	
13.	05-09-2022	Cafeteria Canteen JSPM Wagholi	Refreshment Expense	Food & Refreshment		11	275/-	572/-
14.	05-09-2022	Cafeteria Canteen JSPM Wagholi		Food & Refreshment		11	165/-	
15.	05-09-2022	Cafeteria Canteen JSPM Wagholi		Food & Refreshment		11	132/-	
GRAND TOTAL								3875/-

Mr. Ackagra Dhamani
TE(E&TC)

Student Coordinator Treasurer
MANTHAN Club

Mr. Mahesh Waghmode
TE(E&TC)

Event Coordinator
MANTHAN Club

Miss. Chaitra Deshpande
TE (E&TC)

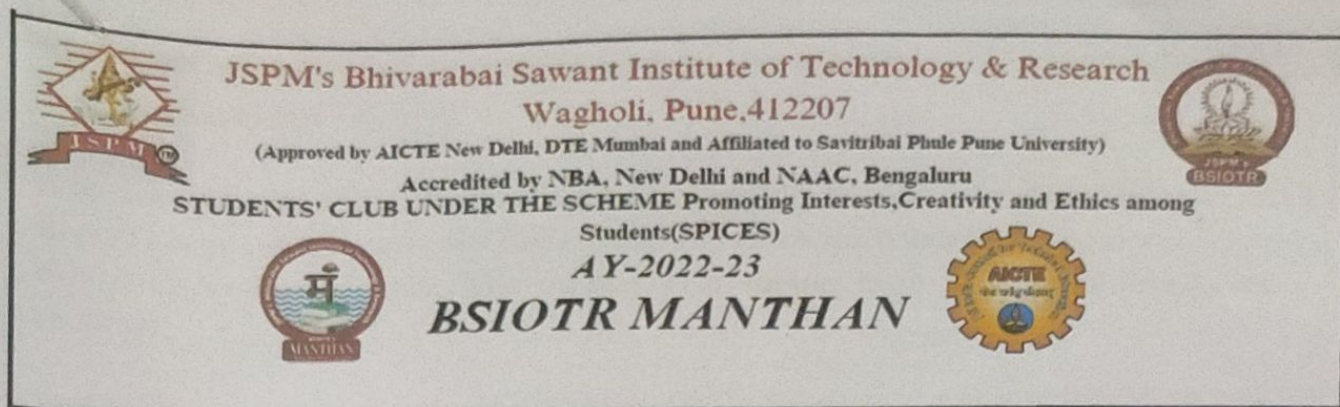
Student Coordinator
MANTHAN Club

Dr. Y. S. Angal
H.O.D.

Electronics & Telecommunication Dep
Faculty Coordinator
Bhivarabai Sawant Institute of
BSIOTR MANTHAN Club
Wagholi, Pune- 412 207

Dr. T. K. Nagaraj

PRINCIPAL
Principal Sawant Institute
Bhivarabai Sawant Institute of
Technology & Research
(BSIOTR)
Wagholi, Pune- 412207



Date: 5th September, 2022

Report On “Hear Us Out (Speech Competition)”

Name of Event	Hear Us Out (Speech Competition)
Organized Under	AICTE SPICES BSIOTR MANTHAN Students' Club
Date of Event	5 th September, 2022
Location of Event	D2 Building, VC Room IT Department of JSPM's Bhivarabai Sawant Institute of Technology & Research
Number of Persons Attending	70
Sponsoring Organization(s)	All India Council for Technical Education (AICTE), New Delhi & Management of JSPM Group of Institutes, Pune
Principal	Dr. T.K Nagaraj
Program Co-Coordinator Name	Dr. Y.S. Angal
Personality Development Team Lead Name	Mr. Aekagra Dhamani

Objectives of the Drama Activity:

Sr. no.	Objectives	Aligned POS
1	To give different ways of engaging with skills of students	PO-8, PO12, PO-10
2	To transform hardships into opportunities	PO-1
3	To improves students communication skills	PO-12
4	To brings out the love for writing and reading of students	PO-11, PO-9, PO-10, PO-12

The students of BSIOTR MANTHAN Club had taken an initiative to Organize **“Hear Us Out (Speech Competition)”** on date 5/09/2022.

A Speech competition is the art of public speaking that gives us self-boost and confidence to speak in front of a large audience. It enables Students to create a connection with the audience who is listening to them through voice modulation. When the students are reciting, he/she feel boundless energy and resilience.

Every student expects to win, but there is always one winner in the competition. Every student should be motivated irrespective of the result. While getting that first medal or certificate as the winner, it completely boosts your confidence!

Speech Competition can generate awareness and provide information among BSIOTR MANTHAN Club.

Subject of Speech Competition:

1. The importance of education and Teachers.
2. The impact of technology on society.
3. वाचाल तर वाचाल
4. Hard Work Vs Smart Work

Students of BSIOTR MANTHAN Club of all departments organized event with enthusiasm. The Speech Competition was organized in systematic manner and the participants played their role very well.

All students of BSIOTR MANTHAN Club enjoyed this event with a lot of enthusiasm. In Presence of Dr. T. K. Nagaraj, Principal (BSIOTR) and Dr. Y. S. Angal, faculty Program Co-Ordinator of MANTHAN Club & HOD (E&TC) have inaugurated this event.

Dr. Y. S. Angal, HOD (E&TC) & Dr. Swati Godse, HOD (General Science) given welcome speech and motivated all participants and faculty. They congratulated all participants for their active participation.

Rules for Speech Competition:

1. Candidates will be given time slots to finish the elocution in that duration
2. Judging will be based on the command over speech, expression, articulation, and vocabulary
3. The decision of the judges as regards the result of the competition will be the final
4. The winners will be chosen as 1st, and 2nd runner up.



JSPM's Bhivarabai Sawant Institute of Technology & Research
Wagholi, Pune, 412207

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STUDENTS' CLUB UNDER THE SCHEME Promoting Interests, Creativity and Ethics among
Students (SPICES)

AY-2022-23

BSIOTR MANTHAN



Invites you all for

HEAR US OUT (SPEECH)

On 05/09/2022
from 1.30 - 3.30 pm

VENUE :-
JSPM'S BSIOTR

Flyer of Speech Competition at JSPM's BSIOTR



Photo 1: Saraswati Poojan by Prof. Arun Patil, Dean of academics



Photo 2: Explaining guidelines of the speech competition by Prof. Yogesh Bhendwar



Photo 3: Student Given Speech on “The importance of education and Teachers”.

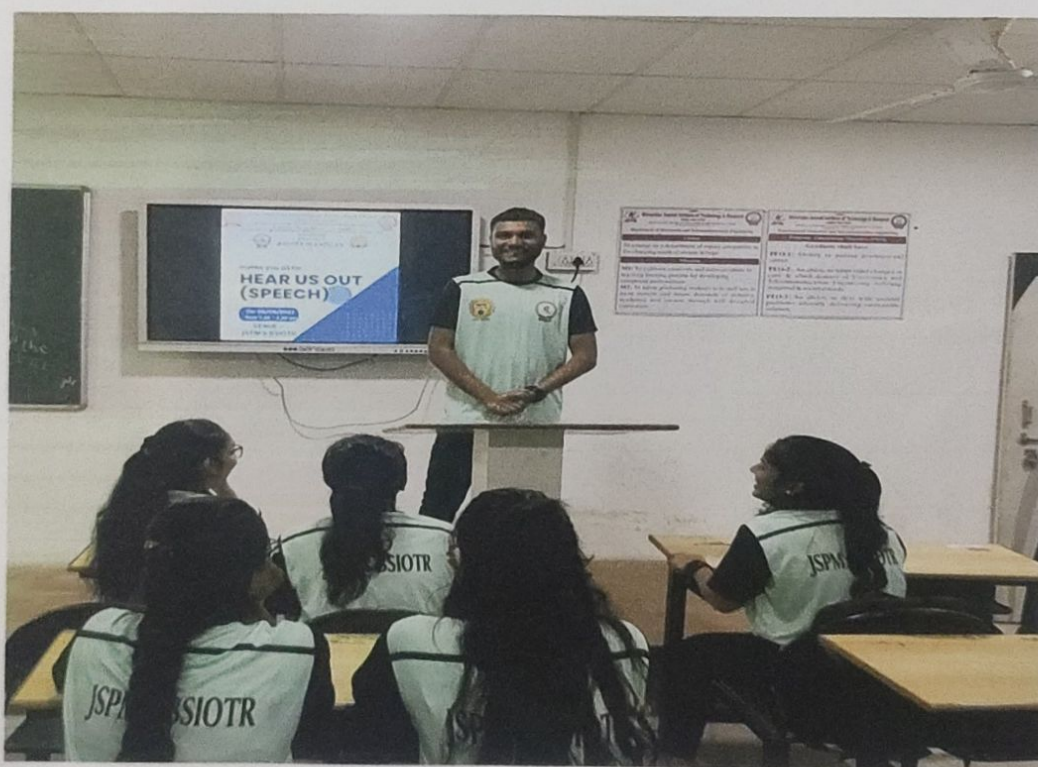


Photo 4: Speech on “Hard Work Vs Smart Work”.

Participants attach here with This Report:

Sr.No.	Name of Participants	Class	Department
1.	Gaurav Thakur	TE	E&TC
2.	Pragati Patil	SE	IT
3.	Anjali Nair	SE	E&TC
4.	Mahesh N. Waghmode	TE	E&TC
5.	Shruti Patil	SE	IT
6.	Anuradha Thombre	SE	IT
7.	Pramod Dhepe	TE	Electrical
8.	Viraj Pandit	SE	IT
9.	Sanket Jadav	TE	Electrical
10.	Sumit Tembhekar	TE	Electrical

Congratulation to Winners who won in BSIOTR MANTHAN Drama Activity

Sr. No.	Name of Participants	Class	Department
1.	Gaurav Thakur	TE	E&TC
2.	Pragati Patil	SE	IT
3.	Anjali Nair	SE	E&TC

OUTCOME:

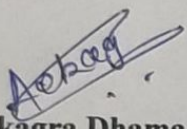
Sr.no	Outcome
1.	Drama builds confidence
2.	Drama develops creativity
3.	Drama improves verbal and non-verbal communication skills
4.	Drama develops empathy

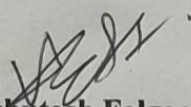
This Event was organized by BSIOTR MANTHAN Students' Club and Technical Committee of BSIOTR MANTHAN Students' club.

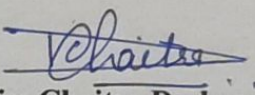
Scheme Coordinators	Coordinators name
Lead	Mr. Ashutosh Falgaonker TE(IT)
Lead	Miss.Chaitra Deshpande TE(E&TC)

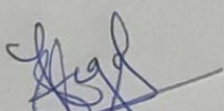
PD Committee	Members Name
Club Coordinator	Mr. Aekagra D. TE(E&TC)
Executive Member	Arman Shaikh TE(E&TC)
Executive Member	Miss. Vidhi OberoyFE)

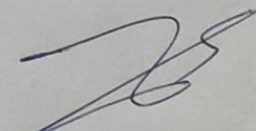
Report Prepared by		
Miss. Anjali Nair	SE(E&TC)	JSPM's BSIOTR


Mr. Aekagra Dhamani
 Personality Development Team
 MANTHAN Club


Mr. Ashutosh Falgaonker
 Students Coordinator
 MANTHAN Club


Miss.Chaitra Deshpande
 Students Coordinator
 MANTHAN Club


Dr. V.S. Angal
 PRINCIPAL
 Prof. & HOD, E&TC
 MANTHAN Faculty Co-ordinator
 Wagholi, Pune-412207


Dr. T.K. Nagaraj
 PRINCIPAL
 S.P.M.'S Bhivarabai Sawant Institute of
 (Project Director)
 Wagholi, Pune- 412207





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STUDENTS' CLUB UNDER THE SCHEME Promoting Interests, Creativity and Ethics among Students (SPICES)

AY-2022-23

BSIOTR MANTHAN



Date: 5th September, 2022

"Hear Us Out"

Attendance

Sr No.	Roll No.	Name	Class	Department	Category	Sign
1.	3215	Meghsham Jale	TE	E&TC	OBC	<u>M. Jale</u>
2.	2109	Dipti Dake	SE	IT	OBC	<u>D. Dake</u>
3.	3233	Vyankatesh Patil	TE	E&TC	open	<u>V. Patil</u>
4.	40	Prathamesh Namde	TE	CS	OBC	<u>P. Namde</u>
5.	3209	Chaitra Deshpande	TE	E&TC	open	<u>C. Deshpande</u>
6.	3254	Nilofar Osman	TE	Comp	—	<u>N. Osman</u>
7.	2146	Shrutika Patil	SE	IT	Open	<u>S. Patil</u>
8.	20	Gauri Wankhede	TE	CS	open	<u>G. Wankhede</u>
9.	09	Pranali Gaikwad	TE	Mechanical	open	<u>P. Gaikwad</u>
10.	3213	Lishwarya Jale	TE	E&TC	Open	<u>L. Jale</u>
11.	2120	Sakshi Jagtap	SE	IT	open	<u>S. Jagtap</u>
12.	44	Parth Darekar	TE	Comp	Open	<u>P. Darekar</u>
13.	2212	Raviraj Chauhan	SE	E&TC	OBC	<u>R. Chauhan</u>
14.	22	Bajirao Patole	TE	Mechanical	open	<u>B. Patole</u>
15.	2166	Aryan Verma	SE	E&IT	open	<u>A. Verma</u>
16.	13	Sanket Kodlinge	TE	Mechanical	open	<u>S. Kodlinge</u>
17.	50	Adnan Shaikh	SE	CS	—	<u>A. Shaikh</u>
18.	3116	Radhika Deshmone	TE	IT	OBC	<u>R. Deshmone</u>
19.	57	Shinde Chandrakant	TE	CS	open	<u>S. Shinde</u>
20.	2129	Rajendra Kokane	SE	IT	open	<u>R. Kokane</u>
21.	10	Shubham Chatur	TE	CS	open	<u>S. Chatur</u>
22.	40	Prathmesh Nemode	SE	CS	open	<u>P. Nemode</u>
23.	01	Abhishek Bawusker	TA	Mechanical	open	<u>A. Bawusker</u>
24.	4166	Kunal Ugale	BE	Electrical	open	<u>K. Ugale</u>
25.	3151	Ashant Patil	TE	EC	open	<u>A. Patil</u>
26.	56	Shelar Rutik	TE	CS	OBC	<u>S. Shelar</u>
27.	02	Ritesh Avchar	TE	Comp	open	<u>R. Avchar</u>
28.	01	Adhar Ganyani	TE	CS	OBC	<u>A. Ganyani</u>
29.	58	Sherikant Thorwe	SE	CS	OBC	<u>S. Thorwe</u>

1.	2254	Shreshant Shinde	SE	E&TC	OBC	<u>Shinde</u>
32.	56	Gaurav Ambekar	TE	CS	open	<u>Ambekar</u>
33.	09	Mayur Dandekar	TE	mechanical	OBC	<u>Dandekar</u>
34.	41	Shreya Patil	SE	CS	open	<u>Patil</u>
35.	1303	Alok Singh	SE	CS	OBC	<u>Singh</u>
36.	76	Shubham Sawant	TE	CS	OBC	<u>Sawant</u>
37.	07	Makrand Dhumchaf	TE	mechanical	OBC	<u>Dhumchaf</u>
38.	2115	Rushikesh Kandilkar	SE	IT	open	<u>Kandilkar</u>
39.	2249	Girish Raut	SE	CS	open	<u>Raut</u>
40.	46	Aditya Pawar	SE	Comp	open	<u>Pawar</u>
41.	2202	Prasad Gokurwad	SE	E&TC	SC	<u>Gokurwad</u>
42.	2235	Nishant Pawar	SE	E&TC	open	<u>Pawar</u>
43.	41	Patil Shreya	SE	TE	open	<u>Patil</u>
44.	54	Chaitanya Thakur	SE	Comp.	open	<u>Thakur</u>
45.	15	Kudal Supriya	TE	mechanical	OBC	<u>Kudal</u>
46.	2126	Hirappa Kachare	SE	IT	OBC	<u>Kachare</u>
47.	46	Pawar Aditya	TE	CS	open	<u>Pawar</u>
48.	67	Dhruv Patil	SE	Comp	open	<u>Patil</u>
49.	3212	Sheetal Gate	TE	E&TC	OBC	<u>Sheetal</u>
50.	1102	Dhushan Ahire	SE	CS	open	<u>Ahire</u>
51.	30	Khushi Khairnall	SE	Comp	open	<u>Khairnall</u>
52.	25	Shrikesh Pawar	TY	mechanical	OBC	<u>Shrikesh</u>
53.	3238	Jayhavi Salunkhe	TE	E&TC	open	<u>Salunkhe</u>
54.	16	Kumbhar chetan	TE	mechanical	open	<u>Kumbhar</u>
55.	31	Prasad Khotkar	SE	E&TC	open	<u>Khotkar</u>
56.	2241	Pranita Gadhave	SE	E&TC	OBC	<u>Pranita</u>
57.	04	Sagar Dalvi	TE	ME	open	<u>Dalvi</u>
58.	31	Sanika Khamkar	SE	Comp	open	<u>Khamkar</u>
59.	2115	Aaryan Gundu	SE	IT	open	<u>Gundu</u>
60.	46	Shubham Raut	SE	TE	open	<u>Raut</u>
61.	1303	Alok Singh	SE	Comp	open	<u>Alok</u>
62.	57	Sandeep Wakude	TE	C.S	open	<u>Wakude</u>
63.	06	Dinesh Dandekar	TE	mechanical	open	<u>Dandekar</u>
64.	2151	Rohan Lakhande	SE	IT	OBC	<u>Lakhande</u>
65.	54	Chaitanya Thakur	SE	CS	open	<u>Thakur</u>
66.	50	Omkar Shelke	SE	Comp	OBC	<u>Shelke</u>
67.	03	Pawar Balaji	BE	mechanical	open	<u>Pawar</u>
68.	10	Gavhan + Saurabh	TE	mechanical	open	<u>Gavhan</u>
69.	2462	Prathamesh Tangle	SE	IT	open	<u>Tangle</u>
70.	67	bhnuw patil	SE	C.S	open	<u>Patil</u>
71.	41	Shreya Patil	SE(A)	Comp	OBC	<u>Patil</u>
72.	40	Utkal Parthavi	TE	C.S	OBC	<u>Parthavi</u>
73.	3214	Aishwarya Hargude	TE	ETN/C	open	<u>Hargude</u>
74.	30	Khushi Khairnall	SE	CS	OBC	<u>Khairnall</u>
75.	1104	Aman Khamkar	SE	Comp	open	<u>Khamkar</u>
76.	1151	Sushant Patil	BE	Electrical	OBC	<u>Sushant</u>



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Name of the Institute : JSPM BSIOTR

Campus Name : Waghali

PAYMENT VOUCHER

Date : 03/09/2022

No. :

Rs. 13281-

Pay Mr. / Mrs. Pawan Varieties

a sum of Rs. One Thousand Three Hundred and twenty Eight-only.

being under JSPM's BSIOTR MANTHAN Club

and debit on _____ account.

Paid by cash / cheque on _____

Bank _____

Branch _____

Cheque No. _____ Date : 03/09/2022

Received the sum of

Rs. 13281-

aw
Accountant

[Signature]
Principal/Director

JSPM'S Bhivarabai Sawant Institute of
Technology & Research
Date: 412207

[Signature]

Receiver's Signature

CASH / CREDIT MEMO

नगद / पत रसिद

पवन करायटीज

मो.: 9657203309

No. :

क्रमांक

Date : 03/09/2022

दिनांक

M/s. JSRM BSIOTR MANTHAN Club.

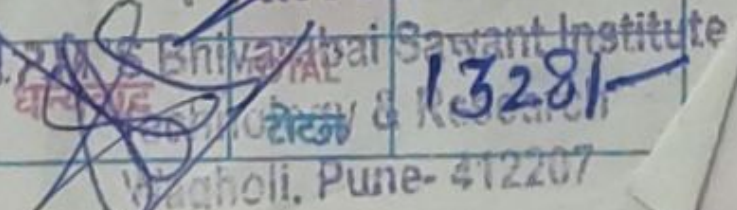
सर्वश्री

QTY. संख्या	PARTICULAR विवरण	RATE दर	AMOUNT ₹ रक्कम
3	Notepad	20	60/-
3	Pens	10	30/-
4	Ballon packs	50	200/-
2	sezo 2	80	160/-
5	Double tape	20	100/-
6	cardboards	25	150/-
5	Colours sheet	10	50/-
2	Pericol (500g)	289	578/-

Thank You



PRINCIPAL



13281-

Wagholi, Pune- 412207



JAYAWANT SHIKSHAN PRASARAK MANDAL's

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Date : 4 / 9 / 20 22

No. :

Rs. 875

Pay Mr. / Mrs. Shree Ganesh FIRM.

a sum of Rs. Eight hundred seventy five only.

being Head is out under MANTHAN Club.

and debit on Printing & Stationary. account.

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Paid by cash / cheque on _____

Rs. 875

Bank _____

Branch _____

Cheque No. _____ Date : 04/09/22

Accountant

Principal/Director

Receiver's Signature

PRINCIPAL
JSPM'S Bhivarabai Sawant Institute of
Technology & Research



श्री गणेश फलेकर

अॅन्ड अॅडव्हटायझिंग

हिबरे रोड, स्वराज हॉटेल समोर, शिर्कापूर,
ता. शिरूर, जि. पुणे.

मो.नं. :- 9970835002 / 9130975838 / 7028715175

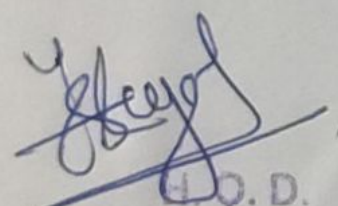
दिनांक :- 4/9/22

नंबर :- 1496

नाव :- JPM MANTHAN CLUB

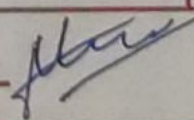
पत्ता :- वाघोली

फोन नं :- 7057150817

अ.नं.	तपशिल	नग	दर	रुपये	पैसे
	flex 6x8	01	-	700/-	
	flyer	07	25	500/- 175/-	
	 P.M. S Bhivarabai Principal Sawant Institute of Electronics & Telecommunication Technology & Research Wagholi, Pune-412207		एकूण	875	
			अॅड.		
			बाकी		

ग्राहकाची सही :-

सही :-





JAYAWANT SHIKSHAN PRASARAK MANDAL's

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Date : 5 / 9 / 20 22

No. :

Rs. 1100/-

Pay Mr. / Mrs. S.K. Sports.

a sum of Rs. one thousand and one hundred only.

being Speech competition

and debit on prizes to winners account.

Received the sum of

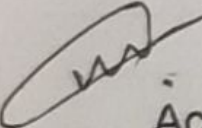
Paid by cash / cheque on _____

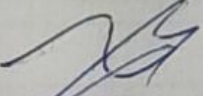
Rs. 1100/-

Bank _____

Branch _____

Cheque No. _____ Date : 5/9/22


Accountant


Principal/Director
S.P.M. Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune - 412207

Receiver's Signature



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Date : 05/09/2022

Rs. 572/-

No. :

Pay Mr. / Mrs. Cafeteria Canteen JSPM Wagholi

a sum of Rs. Five Hundred and Seventy Two Only.

being Heard on us under JSPM BSIOIR MANTHAN CLUB

and debit on Food & Refreshments account.

Received the sum of

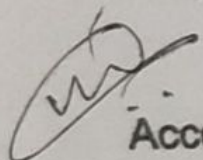
Paid by cash / cheque on _____


Rs. 572

Bank _____

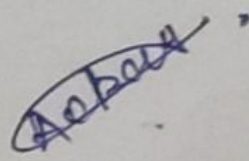
Branch _____

Cheque No. _____ Date : 5/9/22


Accountant


Principal/Director

S.P.M. S Bhivarebai Sawant Institute of
Technology & Research
Wagholi, Pune- 412207


Receiver's Signature

नगद / पत रासिद

क्रमांक

05/09/2022

दिनांक

102

Cafeteria Canteen Jspm Wagholi

M/s.

सर्वश्री

5pm BS/UTR Wagholi
(MANTHAN CLUB activity)

QTY. संख्या	PARTICULAR विवरण	RATE दर	AMOUNT ₹ रक्कम
11	Tea	12	132
11	Samosa	15	165
11	Poha	25	275
 PRINCIPAL S.P.M.'S Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune- 412207			
Cafeteria Canteen Jspm Wagholi			
Thank You		TOTAL टोटल	572



**JSPM's BHIVRABAI SAWANT INSTITUTE OF
TECHNOLOGY AND RESEARCH**
Wagholi, Pune.



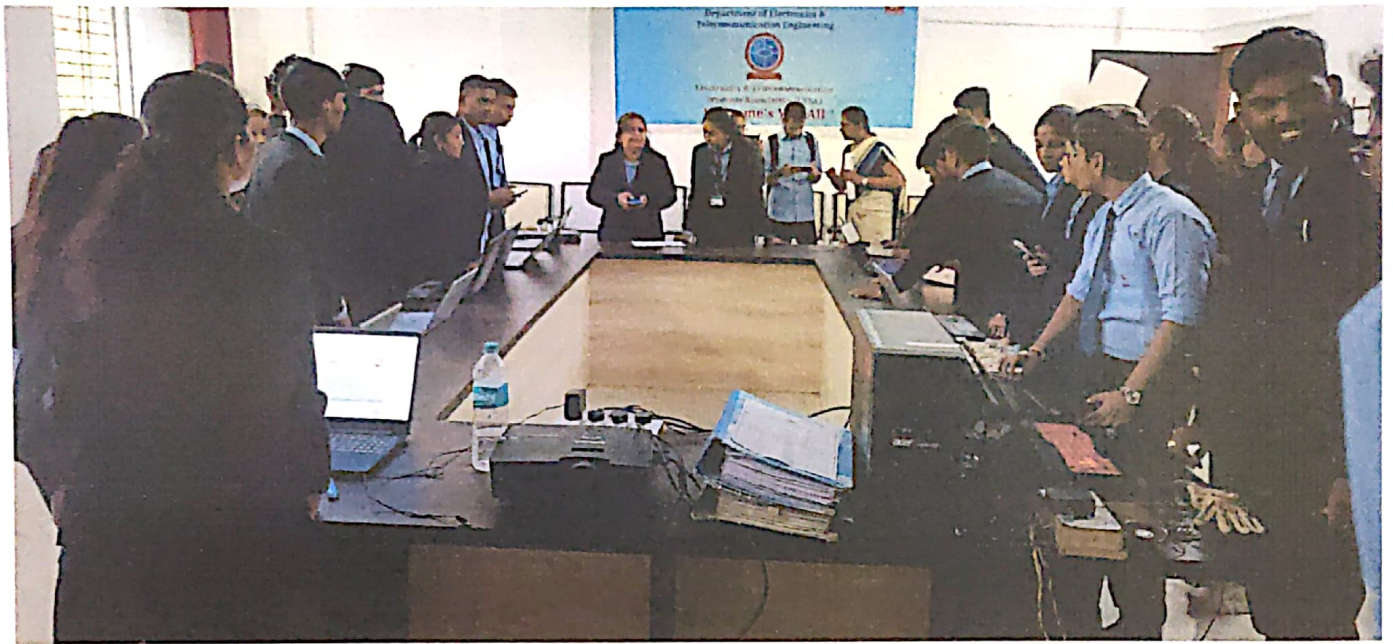
Department of Electronics & Telecommunication Engineering
A report on
"Project Presentation Competition"

Objective	The aim behind conducting this competition was to motivate and put forth their conceptual ideas in a creative and concise manner.
Date of Conduction	15/09/2022
ETSA Coordinator	Prof. Meenakshi Annamalai
Student Coordinator	Vikrant Bathe (BE)
Students Participated	23 (E&TC Dept.)

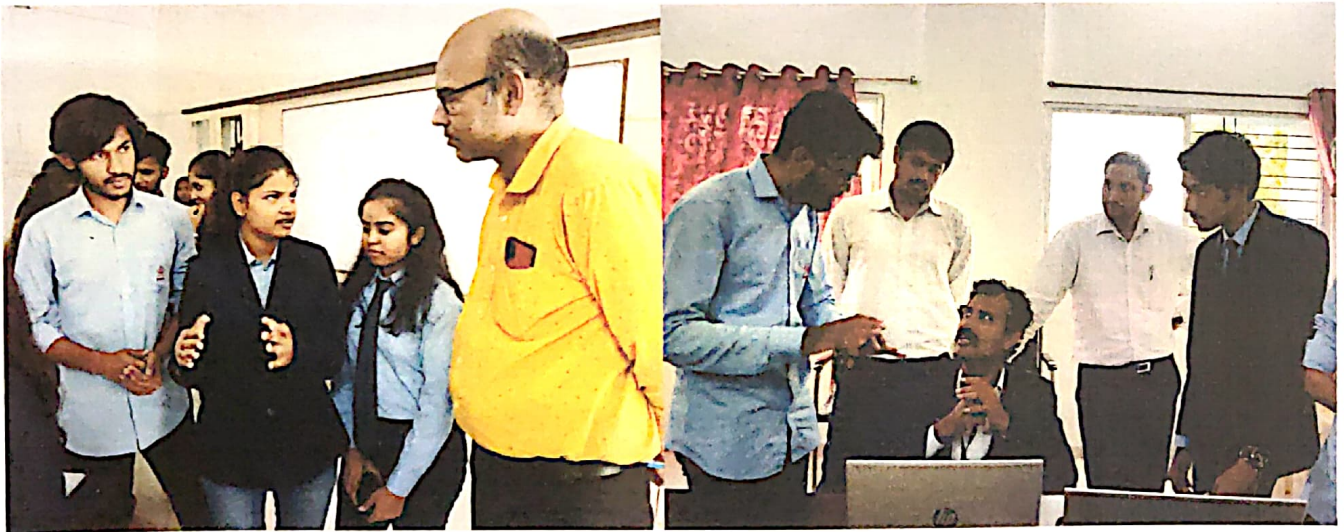
Many Technical competitions were organized for all the students of SE, TE, and BE in ICT Hall, E&TC Dept. for the benefit of students on the eve of "ENGINEER'S DAY" on 15/09/2022 at 1:30pm under the Electronics & Telecommunication Students Association (ETSA).

The ETSA faculty coordinator **Prof. Meenakshi** and Student coordinator **Vikrant Bathe** (Fourth year student) took initiative to conduct Project Presentation Competition. The function started with Saraswathi Pooja. **Dr. Y.S.Angal**, HOD (E&TC) encouraged the students to participate in technical events. The judges of this competition were Prof. Y.S.Bahendwar , Prof. Avinash Kadam, Asst.Prof. E&TC Dept., BSIOTR, Prof. Nilesh Mahota Departmental Training and placement co-ordinator .E&TC Dept.





EVALUATION OF PROJECTS BY JUDGES





PRESENTATION OF VARIOUS PROJECTS BY OUR STUDENTS

One of the technical events is Project competition conducted under ETSA. The topics given to the students for this Project presentation competition were:

- 1) Communication Systems
- 2) Embedded Systems
- 3) Satellite Communication
- 4) Artificial Intelligence & Machine Learning

The instruction given to the students was to prepare individually and to implement the same idea at home on any one topic on a chart and present it in the Department at 1:00pm.

A total of 23 students participated in the Project Presentation Competition which was held on 14/09/2019 at 1.30pm. The judges have evaluated all the Projects and selected three winners.

PRIZE DISTRIBUTION



First Prize to Mahesh Waghmode (TE)



Second Prize to Usef Shaikh (TE)



Third Prize to Meghsham Jade(TE)

Expected Outcome: Participants were able to put forth their conceptual ideas in a creative and concise manner.

A. Meenakshi
A. Meenakshi
ETSA Coordinator

Dr. Y.S. Angal
Dr. Y.S. Angal
HOD

Dr. T.K. Nagaraj
Principal



H. O. D.
Electronics & Telecommunication Dep.
Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune- 412 207



**JSPM's BHIVRABAI SAWANT INSTITUTE OF
TECHNOLOGY AND RESEARCH**
Wagholi, Pune.



Department of Electronics & Telecommunication Engineering

**A report on
"Poster Presentation Competition"**

Objective	The aim behind conducting this competition was to motivate and put forth their conceptual ideas in a creative and concise manner.
Date of Conduction	15/09/2022
ETSA Coordinator	Prof. Meenakshi Annamalai
Student Coordinator	Mrunal Tati (BE)
Students Participated	23 (E&TC Dept.)

Many Technical competitions were organized for all the students of SE, TE, and BE in ICT Hall, E&TC Dept. for the benefit of students on the eve of "ENGINEER'S DAY" on 15/09/2022 at 1:30pm under the Electronics & Telecommunication Students Association (ETSA).

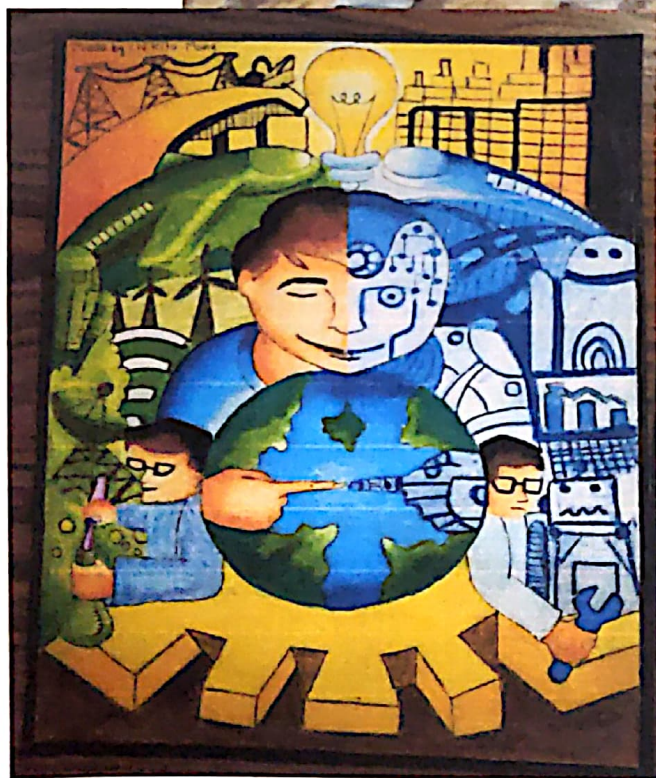
The ETSA faculty coordinator **Prof. Meenakshi** and Student coordinator **Mrunal Tati** (Last year student) took initiative to conduct the Poster Presentation Competition. The function started with Saraswathi Pooja. **Dr. Y.S.Angal**, HOD (E&TC) encouraged the students to participate in technical events. The judges of this competition were Prof.Meenakshi Annamalai and Prof.Y.S..Bahendwar , Asst.Prof. E&TC Dept., BSIOTR.

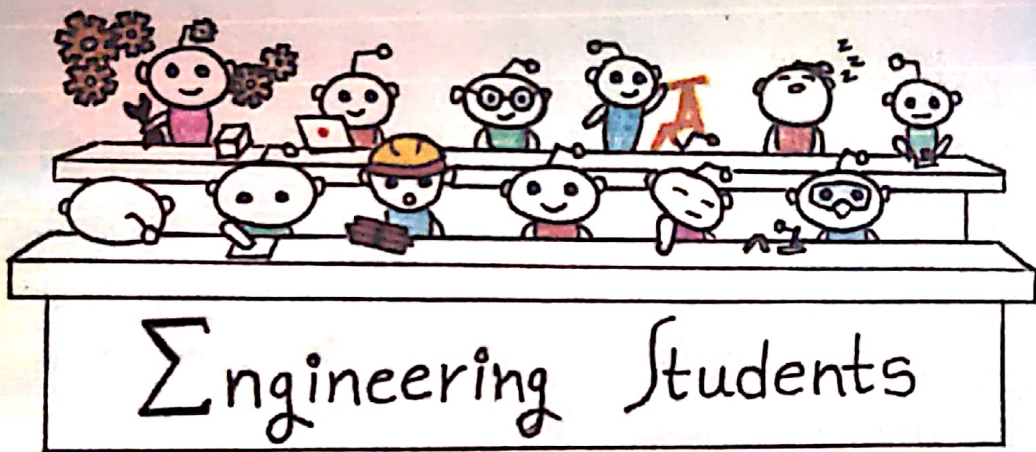
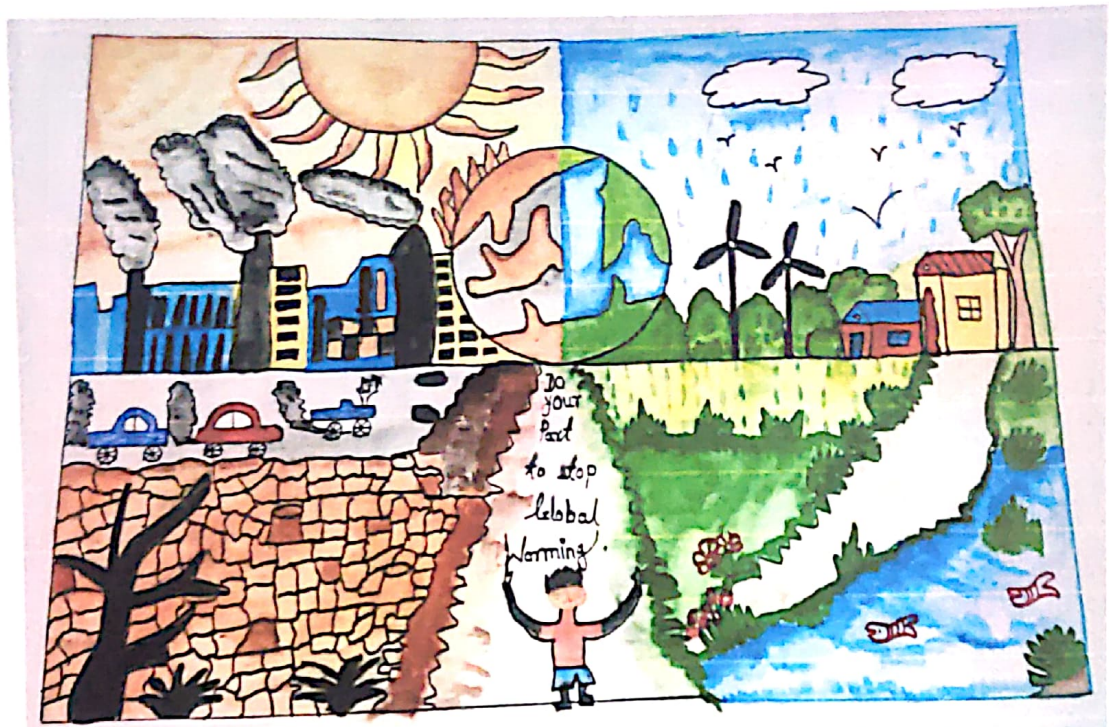
PRESENTATION OF VARIOUS POSTERS BY OUR STUDENTS

One of the technical events is the Poster presentation competition conducted under ETSA. The topics given to the students for this Poster presentation competition were:

- 1) Communication Systems
- 2) Embedded Systems
- 3) Satellite Communication
- 4) Artificial Intelligence & Machine Learning

The instruction given to the students was to prepare individually and to implement the same idea at home on any one topic on a chart and present it in the Department at 1:00pm.





$\int \text{Sacrifice } d(\text{life}) = \text{SUCCESS}$



A total of 23 students participated in the Poster Presentation Competition which was held on 14/09/2019 at 1.30pm. The judges have evaluated all the posters and selected three winners.

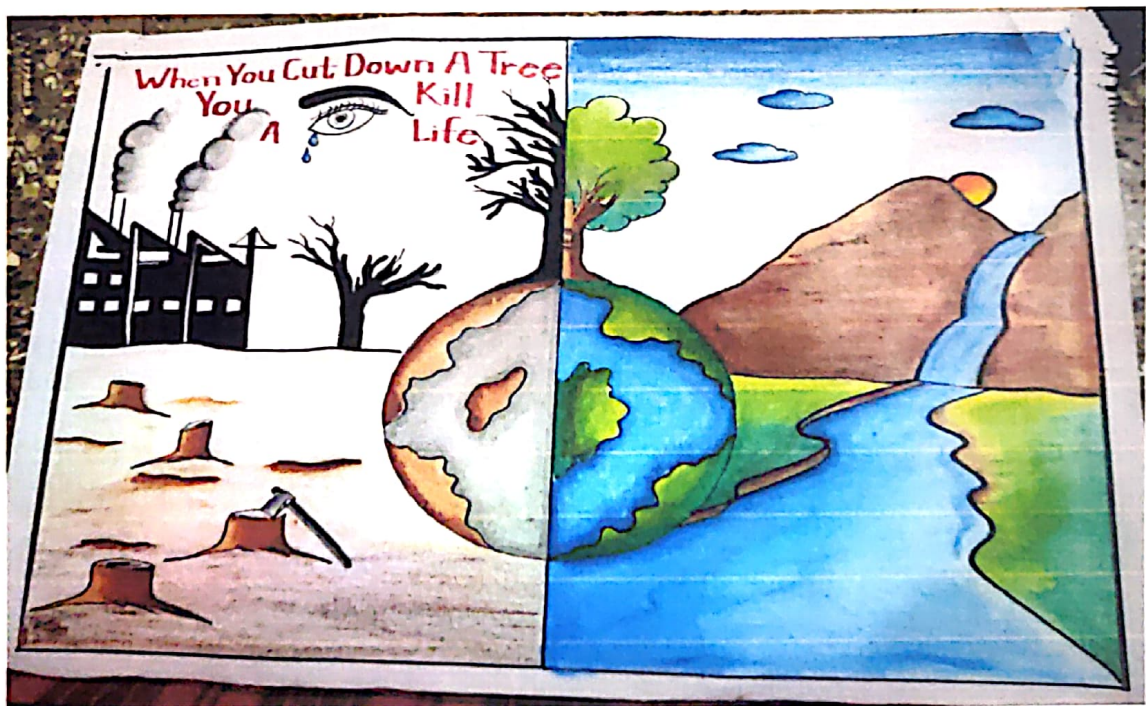
WINNERS OF THE COMPETITION

First Prize to -Nikita Nilesh Mane (SE)



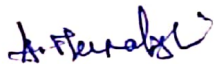


Second Prize to Shaikh Parvej Yasin (TE)



Third Prize to Shubhamraje bhosale (TE)

Expected Outcome: Participants were able to put forth their conceptual ideas in a creative and concise manner.



A. Meenakshi
ETSA Coordinator



Dr. Y.S. Angal
HOD

H. O. D.
Electronics & Telecommunication Dep.
Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune- 412 207

Dr. T.K.Nagaraj
Principal



**JSPM's BHIVRABAI SAWANT INSTITUTE OF
TECHNOLOGY AND RESEARCH**
Wagholi, Pune.



Department of Electronics & Telecommunication Engineering
A report on
"Prashna Manjusha"

Objective	The aim of this competition is to equip young students with the technical skills of thinking clearly and to improve their technical knowledge and team spirit.
Date of Conduction	15/09/2022
Faculty Coordinator	Prof. Meenakshi A
Student Coordinator	Akanksha Chavan (BE)
Students Participated	46 Students with Teams

Many Technical competitions were organized for all the students of SE, TE, and BE in ICT Hall, E&TC Dept. for the benefit of students. The aim of this Quiz competition is to equip young students with the skills of thinking clearly, listening to the opinions of the team members and to improve their technical knowledge and the team spirit. It enables young people to test their technical knowledge.

The function was started with Saraswathi Pooja. Dr.Y.S.Angal, HOD, E&TC Dept, had encouraged the students to participate in technical events. The faculty coordinator of this Electroquiz competition is Prof. Meenakshi Annamalai and the student coordinator is Akanksha Chavan(BE). Dr.Y.S.Angal sir (HOD, E&TC Dept, BSIOTR), Dr.Anil Wanare, Prof.Suchipriya were Judges for this event.



E&TC Dept Faculties with Students



Faculties and Student Coordinators conducting Quiz Competition

Prashna Manjusha is a Quiz Competition. It is a team event and each team will consist of maximum two participants. The Quiz will consist of three rounds.

Round 1-MCQ

- This round will be a basic electronic test.
- It will consist of MCQ questions with no negative marking for wrong answers.
- Top 30 groups will be elevated to round based on merit.

Round 2- Rapid fire

- 30 groups will be distributed in 6 batches, with each batch consisting of 6 groups.
- Each group will be asked 10 questions on core electronics; each correct answer gives 4 marks and 1 negative mark for wrong answer.
- Top two teams from each batch will be selected for the final round.

Round 3- Puzzle

- This round has a cross word like structure.
- The participants will be given statements and they will have to guess the electronic device/principle it describes.
- Every correct answer will have 3 marks and the wrong answer will have 1 mark.
- The group who scores maximum points in the third round will be the winner.

Some Rules & Regulations for the event have been given to the Participants. It was a team event and any individual contestants were not allowed to take part. A team shall consist of maximum two members and any number of teams from any college can participate in this ElectroQuiz Competition. The

participants shall not be allowed to use mobile phones or other electronic instruments for answering the questions in the quiz. The participation certificate was given to all the participants.

Participation of students in three rounds

Prize distribution of four winner teams of the Event



First Prize Winner Team BE



Second Prize Winner Team BE



Third Prize Winning Team

Fourth Prize Winning Team

In the coming years, we expect more students will participate in similar events based on what was observed while conducting this event. The participants showed eagerness and enthusiasm on the content of the event.

Outcome of the Event: Participants learnt working together as a team to achieve a common goal. The event resulted in enhancing the knowledge of the participants and greatly improved their confidence.

A. Meenakshi

A. Meenakshi
Event Coordinator

Dr. Y.S. Angal

Dr. Y.S. Angal
HOD, E&TC

Dr. T.K. Nagaraj
Principal



H. O. D.
Electronics & Telecommunication Dep.
Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune- 412 207



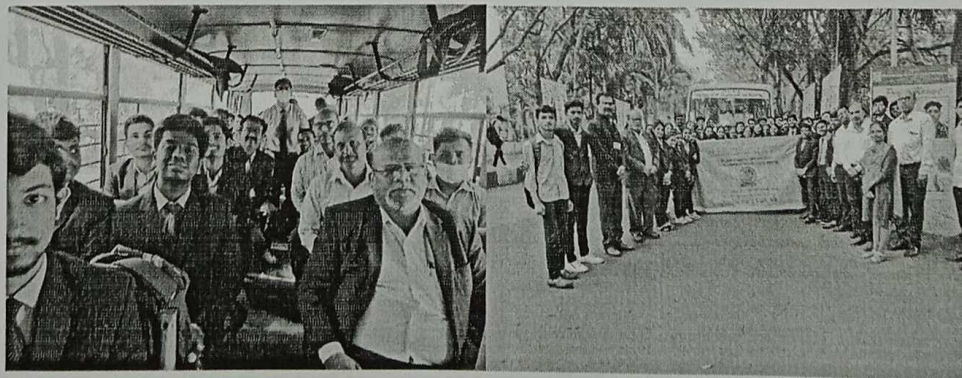
Date:22/09/2022

Department of Electronics & Telecommunication Engineering

"A report on Industrial Visit to Vigyan Ashram" for SE

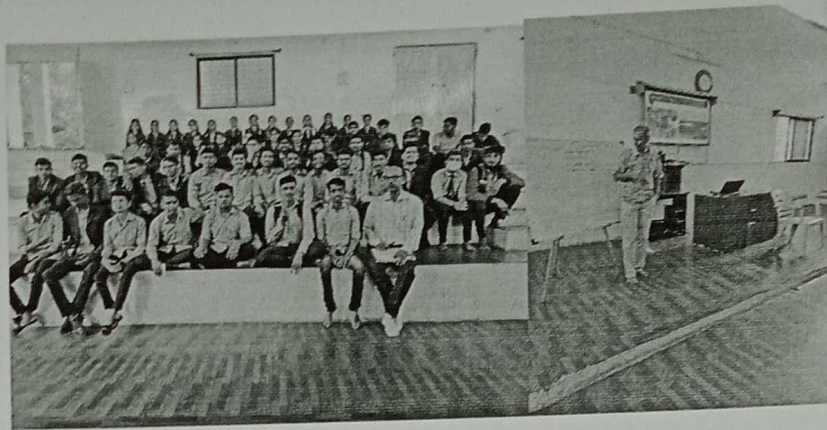
Objective	The aim of the industrial visit was to encourage and motivate the students for project based learning and to identify the projects from real life problems and to develop the solution for the same.
Date of Visit	September 21 st , 2022
Industrial Visit Coordinator	Prof. Nilesh A. Mohota and Prof. Suchipriya Malge
Student Coordinator	Mr. Uddhav Gawandi and Ms. Pranita Choure
Student Participated	58
Outcome	Students have learned 1) To manage the visit and to interact with the persons from industry. 2) The basic concepts of Printed Circuit Board. 3) To work in the Fabrication Lab. 4) To broaden their thinking and also have learned basic technical aspects.

Industrial visit of SE students was arranged to Vigyan Ashram on September 21st, 2022. The faculty coordinators and student coordinators took the initiative to arrange and accomplish the visit successfully. The Head of Department **Dr. Y. S. Angal** and Principal of the Institute **Dr. T. K. Nagaraj** encouraged the students to actively participate in the industrial visit. We left the college for the Industrial visit at 9:30AM through college bus.

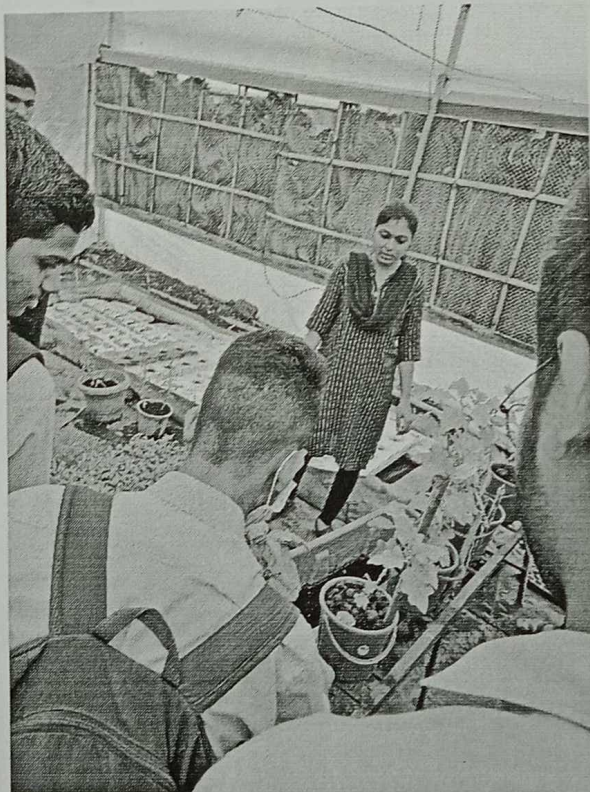


We reached at Vigyan Ashram at 10:30 AM. The coordinator of the Ashram **MS. Suvarna**

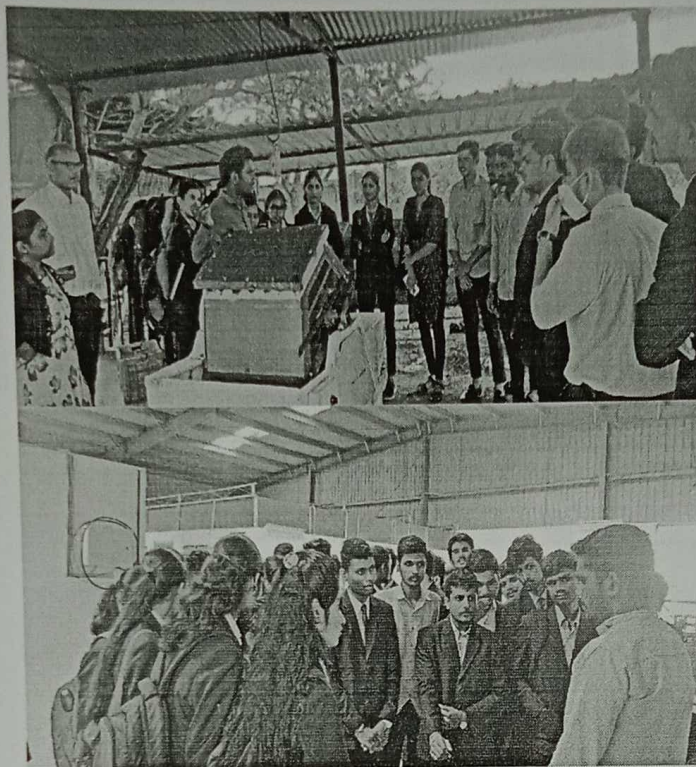
Wadekar guided us throughout the visit. At first they took us to the seminar hall where they had given the presentation on the different real life projects on which they are working and developing the same. **Mr. Arun Dixit**, scientist gave the presentation. The presentation took about one hour in which the students interacted with the speaker.



After that the total students were divided into two groups of 29 each and took us for the visit in the Ashram in which they explained the development of Compost machine, Joy stick through 3D printer, they also explained the use of engineering in agriculture etc. They took us to culture lab and explained the significance of soil testing after that we were taken to workshop lab where they explained different equipment's for making the projects. They also are in the planning to start development of embedded projects.



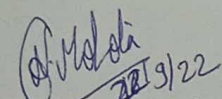
We also visited the fabrication lab which contains the 3D printer, Laser cutter, PCB developing machine and demonstrated and explained the working of different machines.



After the visit of the Ashram we were taken back to the seminar hall and we had an interaction with the coordinators and interns who cleared the doubts of the students. We left the Ashram at around 2:30PM.

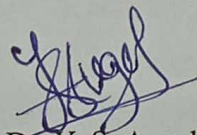
Enclosures:

- 1) Receipt of payment.
- 2) Attendance sheet of students


22/9/22

Prof. N. A. Mohota

Incharge



Dr. Y. S. Angal

HoD.

Electronics & Telecommunication Dep.
Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune-412207



Dr. T. K. Nagaraj

Principal

PRINCIPAL
Bhivarabai Sawant Institute Of Technology & Research
Wagholi, Pune- 412207.



**Jayawant Shikshan Prasarak Mandal's
Bhivarabai Sawant Institute of Technology & Research**

(Approved by AICTE New Delhi, DTE Mumbai and Affiliated to Savitribai Phule Pune University)

Accredited by NBA and NAAC

Gat No. 719/1 & 2, Wagholi, Pune-Nagar Road, Pune-412207

Ph : 020-067335108, 06217050, 07335100

Website : <https://jspmbsiotr.edu.in/>

AICTE & JSPM FUNDED

STUDENTS' CLUB UNDER THE

SCHEME PROMOTING INTERESTS, CREATIVITY AND ETHICS AMONG STUDENTS (SPICES)

"BSIOTR MANTHAN"

AY-2022-23



Date: 14-11-2022

Title of Program: Drama Activity

SR. NO	DATE	Name of participant	Particulars	Account Head	Invoice No.	Quantity	Amount	Total cost per bill Amount
1.	12-11-2022	Mahalaxmi Stationary	Notepad	Stationary		3	60/-	2029/-
2.	12-11-2022	Mahalaxmi Stationary	Pen	Stationary		3	30/-	
3.	12-11-2022	Mahalaxmi Stationary	Ballon Pack	Stationary		4	200/-	
4.	12-11-2022	Mahalaxmi Stationary	Double Tape	Stationary		5	100/-	
5.	12-11-2022	Mahalaxmi Stationary	Single Tape	Stationary		2	40/-	
6.	12-11-2022	Mahalaxmi Stationary	ColorSheet	Stationary		9	90/-	
7.	12-11-2022	Mahalaxmi Stationary	Fevicol	Stationary		1	289/-	
8.	12-11-2022	Mahalaxmi Stationary	Ribbon	Stationary		4	200/-	
9.	12-11-2022	Mahalaxmi Stationary	Rangoli	Stationary		1	100/-	
10.	12-11-2022	Mahalaxmi Stationary	Lighting	Stationary		4	920/-	
11.	14-11-2022	S.K Sports	Memento	Felicitation Expense		3	750/-	750/-
12.	14-11-2022	Shree Ganesh Flex	Flex	Printing & Stationary		10	250/-	250/-
GRAND TOTAL								3029

Aekagra
Mr. Aekagra Dhamani
TE(E&TC)

Student Coordinator
Treasurer

Aekagra
Mr. Aekagra Dhamani
TE(E&TC)

Event Coordinator
MANTHAN Club

Chaitra
Miss. Chaitra Deshpande
TE (E&TC)

Student Coordinator
MANTHAN Club

S. S. Angal
Dr. S. S. Angal

Electronics & Telecommunication Dep
Bhivarabai Sawant Institute of
Faculty Coordinator
BSIOTR MANTHAN Club

T. K. Nagaraj
Dr. T. K. Nagaraj

PRINCIPAL

Bhivarabai Sawant Institute of
Technology & Research
(BSIOTR)
Wagholi, Pune-412207



JSPM's Bhivarabai Sawant Institute of Technology & Research
Wagholi, Pune.412207

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STUDENTS' CLUB UNDER THE SCHEME Promoting Interests, Creativity and Ethics among
Students (SPICES)

AY-2022-23

BSIOTR MANTHAN



Date: 14th November, 2022

Report On "Drama Activity"

Name of Event	Drama Activity
Organized Under	AICTE SPICES BSIOTR MATHAN Students' Club
Date of Event	14 th November, 2022
Location of Event	B4 Building, Bhivarabai Sawant-Sabhagrah of JSPM's Bhivarabai Sawant Institute of Technology & Research
Number of Persons Attending	14
Sponsoring Organization(s)	All India Council for Technical Education (AICTE), New Delhi & Management of JSPM Group of Institutes, Pune
Principal	Dr. T.K Nagaraj
Program Co-Coordinator Name	Dr. Y.S. Angal
Technical Team Lead Name	Miss Purva Katkar

Objectives of the Drama Activity:

Sr. no.	Objectives	Aligned POS
1.	To engage productivity in the collaborative process.	PO-8, PO12, PO-10
2.	To build intellectual and aesthetic understanding of the craft and technique of theatre arts.	PO-1
3.	To promote cultural hobbies among the students	PO-12
4.	To boost morale of the students for their overall development	PO-12
5.	To explore the diversity of theatre and its intersection with community, culture and society.	PO-11, PO-9, PO-10, PO-12
6.	To produce diverse productions that challenge students and engage the university community.	PO-10, PO-11, PO-12

The students of BSIOTR MANTHAN Club had taken an initiative to Organize **“Drama Activity”** on date 14/11/2022. Acting and drama activity allows students to express a range of emotions and encourage them to understand and deal with similar feelings they may be experiencing. Aggression and tension are released in a safe, controlled environment – often allowing for a period of reflection afterwards.

Drama Activity helps to demonstrate skills of the students. MANTHAN Club students perform drama on **“Importance of presence of Chhatrapati Shivaji Maharaj on recent scenario”**, Drama was performed very well on topics like,

1. Respect of Women
2. Importance of farmer in India
3. Addiction in youth
4. Gender equality

Students of BSIOTR MANTHAN Club of all departments organized event with enthusiasm. The drama competition was organized in systematic manner and the characters played their role very well.

All students of BSIOTR MANTHAN Club enjoyed this event with a lot of enthusiasm. In Presence of Dr. T. K. Nagaraj, Principal (BSIOTR) and Dr. Y. S. Angal, Faculty Program Co-Ordinator of MANTHAN Club & HOD (E&TC) have inaugurated this event.

Dr. Y. S. Angal, HOD (E&TC) & Dr. Pravin Barapatre, HOD (IT) given welcome speech and motivated all participants and faculty. They congratulated all participants for their active participation.

It encourages them to think and act creatively, thus developing critical thinking and problem-solving skills that can be applied in all areas of learning.

Importance of Drama Activity:

- Self-Confidence.
- Imagination.
- Empathy.
- Cooperation.
- Concentration.
- Communication Skills.

In today's fastest world the power of Drama is being recognized as one of the most effective ways to develop soft skills and emotional intelligence in students and young people's. We believe in overall development of students and help them to enhance their skills.

DRAMA

Competition



Date & Time :-

**14/11/2022
at 10.00 Am**

Venue :-

JSPM'S BSIOTR

Flyer of Drama Competition at JSPM's BSIOTR



Photo 1: Saraswati Poojan by Dr. T. K. Nagaraj, Principal BSIOTR & Dr. Y. S. Angal, Program Coordinator MANTHAN Club & HOD(E&TC)



Photo 2: Drama Activity on Importance of presence of Chhatrapati Shivaji Maharaj on recent scenario

List of Participants attach here with This Report:

Sr.No.	Name of Participants	Class	Department
1.	Bhosale Shambhuraje	SE	E&TC
2.	Kulkarni Parjanya	SE	E&TC
3.	Kuber Umale	SE	E&TC
4.	Harsh Dhumal	TE	IT
5.	Ashish Bhidve	TE	IT
6.	Prathmesh Illag	TE	IT
7.	Lakshman Shrma	Division B	FE
8.	Anurag More	SE	E&TC
9.	Pratik Pawar	TE	COMP
10.	Kiran Maykar	TE	IT
11.	Aditya Kadam	SE	COMP
12.	Atharv Pandav	TE	IT
13.	Nikita Bhosage	TE	IT
14.	Amar Karande	TE	IT

Congratulation to Winners who won in BSIOTR MANTHAN Drama Activity

Sr. No.	Name of Participants	Class	Department
1.	Bhosale Shambhuraje	SE	E&TC
	Kulkarni Parjanya	SE	E&TC
	Kuber Umale	SE	E&TC
2.	Harsh Dhumal	TE	IT
	Ashish Bhidve	TE	IT
	Prathmesh Illag	TE	IT
3.	Pratik Pawar	TE	COMP
	Aditya Kadam	SE	COMP

OUTCOME:


Sr.no	Outcome
1.	Drama builds confidence
2.	Drama develops creativity
3.	Drama improves verbal and non-verbal communication skills
4.	Drama develops empathy


This Event was organized by BSIOTR MANTHAN Students' Club and Technical Committee of BSIOTR MANTHAN Students' club.

Scheme	Coordinators name
Coordinators	
Lead	Mr. Ashutosh Falgaonker TE(IT)
Lead	Miss.Chaitra Deshpande TE(E&TC)


Technical Committee	Members Name
Club Coordinator	Miss Purva Katkar TE(IT)
Executive Member	Arman Shaikh TE(E&TC)
Executive Member	Miss. Vidhi OberoyFE)

Report Prepared by		
Mr. Harsh Dhumal	TE(IT)	JSPM'S BSIOTR


Miss Purva Katkar
Cultural Team Student
Lead MANTHAN Club


Mr. Ashutosh Falgaonker
Students Coordinator
MANTHAN Club


Miss.Chaitra Deshpande
Students Coordinator
MANTHAN Club


Dr. Y. S. Angal
Prof. & HOD, E & TC
MANTHAN Faculty Co-ordinator


Dr. T.K. Nagaraj
PRINCIPAL
JSPM'S Bhamburda Institute of
Technology & Research
(Project Director) 2027



JSPM's Bhivarabai Sawant Institute of Technology & Research
Wagholi, Pune. 412207

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STUDENTS' CLUB UNDER THE SCHEME Promoting Interests, Creativity and Ethics among
Students (SPICES)

A Y-2022-23

BSIOTR MANTHAN



Date: 14th November, 2022

"Drama Activity"

Attendance

Sr No.	Roll No.	Name	Class	Department	Category	Sign
1.	2156	Prathmesh Tangde	SE	IT	open	<u>Tangde</u>
2.	3120	Harsh Dhurnal	SE	IT	open	<u>Harsh</u>
3.	49	Adnan Shaikh	SE	CS	—	<u>Adnan</u>
4.	2166	Aryan Varma	SE	IT	—	<u>Aryan</u>
5.	3209	Chaitra Deshpande	TE	E&TC	open	<u>Chaitra</u>
6.	40	Prathmesh Menade	SE	CS	open	<u>Menade</u>
7.	49	Omshree Gavhane	SE	CS	open	<u>Gavhane</u>
8.	32	Koli Mohanlal	SE	CS	open	<u>Koli</u>
9.	3210	Dipti Dake	SE	IT	OBC	<u>Dake</u>
10.	4166	Kunal Ogale	SE	CS	OBC	<u>Ogale</u>
11.	3215	Meghsham Jade	TE	E&TC	OBC	<u>Jade</u>
12.	13	Abhishek Chavhan	SE	C.S	OBC	<u>Chavhan</u>
13.	2129	Rajendra Kokane	SE	IT	OBC	<u>Rajendra</u>
14.	2140	Aryan Varma	SE	IT	open	<u>Aryan</u>
15.	2162	Prathmesh Tangde	SE	IT	open	<u>Tangde</u>
16.	50	Kamble Ravindra	SE	C.S	OBC	<u>Kamble</u>
17.	38	Gauri Rawas	SE	CS	open	<u>Rawas</u>
18.	2130	Kolhe Riten	SE	IT	OBC	<u>Kolhe</u>
19.	44	Parth Darekar	TE	CS	OBC	<u>Darekar</u>
20.	3224	Abhay Mane	TE	E&TC	open	<u>Mane</u>
21.	2159	Shinde Kalidus	SE	IT	OBC	<u>Shinde</u>
22.	2141	Vikas Pandit	SE	IT	open	<u>Vikas</u>
23.	2125	Gauri Gadde	SE	IT	open	<u>Gadde</u>
24.	3139	Maykar Karan	SE	IT	open	<u>Maykar</u>
25.	40	Gauri Wankhede	TE	CS	open	<u>Gadde</u>
26.	3143	Tejas Mehete	SE	IT	OBC	<u>Tejas</u>
27.	2144	Rishi Abjit	SE	IT	OBC	<u>Rishi</u>
28.	3202	Ackagera Dharmaji	TE	ENTC	open	<u>Ackagera</u>
29.	2132	Korade Megharaj	SE	IT	Open	<u>Korade</u>



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Date : 12/11/2022

Rs. 20291/-

No. :

Pay Mr. / Mrs. Mahalaxmi Stationery and General Stores.

a sum of Rs. Two Thousand and Twenty Nine

being JSPM BSIOTR MANTHAN Club

and debit on Stationery account.

Received the sum of

Paid by cash / cheque on _____

Rs. 20291/-

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Branch _____

Cheque No. _____ Date : 12/11/22

Accountant

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Receiver's Signature

PRINCIPAL
B.M. S. Bhivarabai Sawant Institute of
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Wagholi, Pune- 412207

1	Double tape	5	20	100/-
5	single tape	2	20	40/-
6	colour sheet	9	10	90/-
7	fericol.	1	289	289/-
8	Ribon	4	50	200/-
9	Rangoli	1 Pack	100	100/-
10	lighting	4	230/-	920/-
			एकूण	20291/-
अक्षरी रुपये : <u>two thousand twenty nine only</u>				
ग्राहकाची सही		महालक्ष्मी स्टेशनरी अॅन्ड जनरल स्टोअर्स वर्लीला		

महालक्ष्मी स्टेशनरी

अॅन्ड जनरल स्टोअर्स

नं :

दि. 12/11/2022

नाव : JSPM'S BSTATR MANTHAN Club.

पत्ता : Wagholi.

अक्र.	तपशील	नग	किंमत	एकूण
1	Notepad	3	20	60/-
2	Pen	3	10	30/-
3	Ballen packs	4	50	200/-
4	Double tape	5	20	100/-
5	Single tape	2	20	40/-
6	colour sheet	9	10	90/-
7	Fevicol.	1	289	289/-
8	Ribon	4	50	200/-
9	Rangoli	1 Pack	100	100/-
10	Lighting	4	230/-	920/-
			एकूण	2029/-

अक्षरी रुपये : two thousand twenty nine only

ग्राहकाची सही

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बरीता

JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Date : 14/11/2022

No. :

Rs. 750/-

Pay Mr. / Mrs. Sik Sports (Memento)

a sum of Rs. seven hundred and fifty only.

being Drama Competition under JSPPM BSIOTR MANTHAN Club

and debit on Applications - memento account.

Received the sum of

Rs. 750/-

Paid by cash / cheque on _____

Bank _____

Branch _____

Cheque No. _____ Date : 14/11/22


Accountant


PRINCIPAL
Principal/Director
J.P.M.S. University & Research Institute of
Technology & Research
Wagholi, Pune- 412207


Receiver's Signature

and Research,
Engineering

No.

Date 14 11 22

Electronics & Telecommunication Engineering
Bhavanabai Sawant Institute of
Technology & Research
Wacholi, Pune-412 201

Thank You

TOTAL

E. & O.E.

JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Rs. 250/-

Date : 14/11/2022

No. :

Pay Mr. / Mrs. Shree Ganesh Flex.

a sum of Rs. two hundred Fifty only.

being Drama competition under MANTHAN club.

and debit on printing & Stationary. account.

Received the sum of

Paid by cash / cheque on _____

Rs. 250/-

Bank _____

Branch _____

Cheque No. _____ Date : 14/11/22

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Receiver's Signature

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कृपया 900 % अक्षरों में लिखें



श्री गणेश फ्लेक्स

अॅन्ड अॅडव्हटायझिंग

हिबरे रोड, स्वराज हॉटेल समोर, शिक्रापूर,
ता. शिरूर, जि. पुणे.

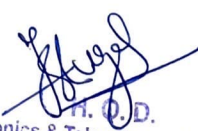

मो.नं. :- 9970835002 / 9130975838 / 7028715175

दिनांक :- 14/11/22 नंबर :- 1498

नाव :- JSPM'S BSTR

पत्ता :- Wagholi

फोन नं :- 7057150817

अ.नं.	तपशिल	नग	दर	रुपये	पैसे
1	flyer	10	25	250/-	
	 H. O. D. Electronics & Telecommunication Dep Bhivarabai Sawant Institute of Technology Wagholi, Pune-412207	 PRINCIPAL J.P.M.'S Bhivarabai Sawant Institute of Technology Wagholi, Pune-412207	एकूण अॅड. बाकी	250/- 00	

कृपया १०० % अॅडव्हॉस दिल्याशिवाय प्रिंटे सोडली जाणार नाही.
व जॉब नेताना पावतोशिवाय मिळणार नाही.

ग्राहकाची सही :-

Wagholi, Pune-412207

सही :-



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AND RESEARCH, Wagholi Pune**
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Department of Electronics and Telecommunication

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Date: 4/01/2023

Department of Electronics & Telecommunication

One day Workshop on Skill Development & NPTEL Courses

Objective	To acknowledge the ability of the youth and extend their support by serving them with the proper guidance, infrastructure and to motivate the students to undergo different NPTEL courses as per their interest to enhance their employability skills.
Date of Conduction	4/ 01/ 2023
Resource Person	Dr. Yogesh S. Angal
Coordinator	Prof. N. A. Mohota
Participants	SE-72
Venue	E&TC Dept. (203)
Outcome	Students have got the knowledge about: 1) Soft Skills and Hard Skills. 2) Resume Writing. 3) Trends in Market. 4) NPTEL Courses.

One day workshop was arranged on “Skill Development & NPTEL Courses”, by Bhivarabai Sawant Institute of Technology & Research, for the students of SE, for which the speaker was Dr. Y. S. Angal, Head of Department, Electronics & Telecommunication Engineering, BSIOTR, Pune. The session started with the introductory and welcome speech by Prof. N. A. Mohota, coordinator of the event.



Fig: students attending the program

The session started with different opportunities students have after the completion of their graduation like jobs in core field, IT sector, Telecommunication sector, VLSI etc. or pursuing higher education like MS, GATE, MBA etc. The speaker elaborated on the topic of soft and hard skills and the different method to acquire it. He emphasized that self-learning is the best learning, so one needs to go for the online learning resources for upgrading the skills and to become industry ready by the time the student completes the graduation. Dr. Angal elaborated on such one of the online material by NPTEL-Swayam, courses conducted by renowned faculties from IIT's and IISC, apart from these students can go for other online courses from Corsera, Edureka etc. for which the students' needs to pay for the same.

Dr. Angal elaborated on the topic of Recent trends in Industry core & software and also explained them how to make the resume. Prof. N. A. Mohota concluded with vote of thanks.

Prof. N. A. Mohota
Incharge

Dr. Y. S. Angal
HoD



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Department of Electronics & Telecommunication

PROJECT EXHIBITION / COMPETITION PROJECT MANTHAN

Objective	To test the skill acquired by students in skill development.
Date of Conduction	9/ 01/ 2023
Resource Person	Dr. Y. S. Angal, Dr. A. L. Wannare, Prof. Y. S. Bhendwar, Prof. M. Annamali, Prof. Manoj Sonawane, Prof. Itkalkar, Prof. S. Dehare, Prof. A. Gunjal, Prof. S. Malge.
Faculty Coordinator	Prof. N. A. Mohota
Participants	SE-67
Venue	E&TC Dept. (203)
Outcome	Students have got the knowledge about: 1) The basic programing of embedded system using Embedded C. 2) The controller and data sheets. 3) The use of breadboard , assembling of the project, making PCB and soldering of the components.

A Project Exhibition / Competition was scheduled on January 9th , 2023, for the students of second year Electronics & Telecommunication Engineering. Dr. Y. S. Angal, HOD, in his inaugural speech emphasized on the benefits of skill based learning and explained the students the benefits of soft and hard skills.





A total of 16 projects were made in a group by 77 students like Voice control car, Water Level Sensor using Arduino, Wireless Notice Board, LED Distance Indicator, Sun tracking solar panel etc., which was evaluated by the Professors of the department. The main objective of the exhibition / competition was to display the concepts acquired by the students in Electronic Skill Development.

Based on the evaluation best three projects were awarded.

First prize was given to the project named component tester using Arduino.

Second prize was given to Smart Functionality Arm (Smart Dustbin).

Third prize was given to Wireless Notice Board using Arduino.

The event was concluded with vote of thanks by Prof. Nilesh A. Mohota, coordinator of the event.





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Department of Electronics and Telecommunication

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Date: 2/02/2023

**Department of Electronics & Telecommunication
Under the Scheme
Promoting Interest, Creativity and Ethics among Students (SPICES)**

Objective	To understand the importance of Indian Constitution and Personality Development.
Date of Conduction	February 2 nd , 2023
Resource Person	Prof. Yeshwantrao Tukaram Talware
Coordinator	Ashutoh Falegaonkar, Aekagra Dhamani, Renuka Limbhare
Participants	65 students of SE, TE and BE ,BSIOTR, Pune
Venue	D2-203 E&TC Department
Expected Outcome	Students were able to understand the meaning and importance of 1) Sovereignty, socialism, secularism, democracy, and republic in general, Fundamental Rights given in the Constitution of India. [PO6, PO12]. 2) Every person to live their life with dignity.[PO6, PO12]. 3) Discipline, Respect and Moral values. [PO6, PO8, PO12]. 4) Working in a team / individually [PO9, PO12]. 5) Financial management in conduction of the event.[PO11, PO12].

A Guest session was organized by Department of Electronics & Telecommunication of BSIOTR, Pune, under Promoting Interest, Creativity and Ethics among Students (SPICES) on February 2nd, 2023, for which the speaker was Prof. Yeshwantrao Tukaram Talware, Honored with the Adarsh Teacher Award by Labor Welfare Board, Pune. Principal of BSIOTR Dr. T. K. Nagaraj welcomed the guest. Mr.Ashutosh Falegaonkar Manthan Club Lead, introduced the guest to the audience.



JSPM's Bhivarabai Sawant
Institute of Technology
and Research, Wagholi-Pune-412207



Under the Scheme
Promoting Interests Creativity & Ethics
Among Students (SPICES)



BSIOTR MANTHAN

WELCOMES



**Prof. Yashwantrao Tukaram Talware,
Dhole Patil Education Society**

**Honored with the Adarsh Teacher Award
Labor Welfare Board Pune**

**Date : 02/02/2023
Time : 1:30 PM**

**Ashutosh Falegaonkar
MANTHAN Club Lead**

**Aekagra Dhamani
Personality Development Club Lead**

**Renuka Limbhare
Personality Development Club Lead**



Prof. Yeshwant in his deliberation emphasized the importance that should be given to human values and the respect that should be given to the constitution of India. Further he explained some important objectives of the constitution.

Sovereignty

This entitles supreme, uncontrollable, and absolute powers to the government of our country. This is the backbone of our Indian constitution and protects the rights of the people. Sovereignty can be of two types, internal sovereignty and external sovereignty. Internal sovereignty entitles the states with the power to govern themselves and makes laws in certain cases if required. In contrast, external sovereignty declares government as the supreme authority and entitles it to cede a part of any territory if required.

Socialist

It is one of the most important parts of the objectives of the Indian constitution. Socialism ensures equality among people and ensures their welfare. The main purpose of adding socialistic features to the Indian constitution is to ensure fair and equal opportunities for all concerning income and status. Socialism expels capitalism which is considered to be a threat to the economy. The main motto of this objective is to end all forms of discrimination and exploitation of any person based on their religion, caste, region, or creed.

Secularism

This objective of the Indian constitution was introduced to ensure the maintenance of peace among different communities. It ensures the development and unity of various communities and religions. Secularism was added as a part of the Indian constitution during the 42nd amendment. Articles 25 to 28 of the Indian constitution ensure freedom of religion and prohibit any discrimination on the ground of religion. It is one of the aims and objectives of the salient features of the Indian constitution, and it was added to make clear that religion has no place in the matters of the state.

Democratic

By including democracy as an objective of the Indian constitution, the constitution entitles the citizens of India with the power to govern. India has adopted parliamentary democracy, which ensures a responsible and stable government. The ruler of the country is elected by the people, and the ruler is later answerable to the people. Democracy ensures stability and entitles the people to change their rules as per their will and practice universal adult franchise, i.e. One man, one vote. Periodic conduct of elections is practised so that people are entitled to a right to elect their representatives.

Republic

This concept was inspired by the constitution of France. It entitles people to the power to elect their representatives. The concept of a republic lays down the foundation of our country's government by ensuring that there will be no hereditary ruler, and the elections will be held at regular intervals of times to elect a representative and ruler of the people. Republic Indian is among the most important aims and objectives of the salient features of the Indian constitution.

Justice and liberty

The objectives of the Indian constitution also include social, economic, and political justice and the liberty to follow any religion, any job, any work without the interference of the state. All the citizens of India are entitled to a basic set of fundamental rights that ensure and

protect their interests. Freedom of expression, thought, belief, religion, worship, and faith are ensured to every single citizen of the country.


Dignity

The constitution entitles every person to live their life with dignity. The government ensures quality life to all its citizens under Part 4 of the constitution. Every citizen has the right to live a meaningful life, and no one in any way can interfere in their way of living.

He also emphasized on the personality development by giving examples of Chatrapati Shivaji Maharaj, Shahu Maharaj and Dr, Babasaheb Ambedkar. He explained the importance of Discipline and how it should be maintain throughout one's life to be successful.

Mr. Aekagra Dhamani Personality Development Club Lead proposed the vote of thanks.

Present on the occasion were Dr. T. K. Nagaraj, Program Director & Principal, BSIOTR, Pune, Dr. Y. S. Angal , Program Coordinator & HOD E&TC, BSIOTR, Pune


Dr. Y.S.Angal
H.O.D. E&TC
Electronics & Telecommunication Dept
Bhivarebai Sawant Institute of
Technology & Research
Wagholi, Pune-412207


Dr. T.K.Nagaraj
Principal
Bhivarebai Sawant Institute Of Technology & Research
Wagholi, Pune- 412207.





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Report on Industrial Visit @ GMRT, Khodad

Date: 28th February, 2023

Report Consists of activities conducted at GMRT :

1. Overview of GMRT station :

- ✓ Visit to Science Project exhibition
- ✓ Visit to Astronomy project exhibition
- ✓ Interaction with the scientists from TIFR Mumbai

2. Organisation Profile:

The Industrial visit was carried out at GMRT on 28th February, 2023 for SEM VI and IV Electronics and Telecommunication Engineering Students. Prof. Sneha Dhere, Prof. Poonam Gawde, Prof. Meenakshi Annamalai, Prof. Suchipriya Malge, Prof. Y.S. Behendwar, Prof. Aniket Gunjal along with 107 students visited GMRT.

3. Objective of Visit:

Industrial visit Objectives	Corresponding outcomes COs /POs mapping
to know practical fundamentals, implementation, functionality, and mechanism of antennas	PO 1, CO5, CO 6, CO7, CO9, CO 10
the students need as also to get the knowledge of the Radio Telescope, different components involved, hardware software co-design, etc	CO4, CO8, CO 10

4. Overview of Visit:

JSPM's Bhivarabai Sawant Institute of Technology and Research ,Wagholi (E&TC Dept) had organized an Industrial Visit on 28th February 2023 to GMRT Khodad

The site for GMRT, about 10 km east of Narayangaon town on the Pune-Nasik highway, was selected after an extensive search in many parts of India, considering criteria such as low man-made radio noise, availability of good communication, vicinity of industrial, educational and other infrastructure and, a geographical latitude sufficiently north of the geomagnetic equator in order to have a reasonably quiet ionosphere and yet be able to observe a good part of the southern sky as well.

5. Brief Information about the Visit:

We started travelling from the college campus at 9:30 am by our college bus on 28th February 2023 along with our staff coordinators. We reached to the GMRT at 12 pm .

After reaching their students were guided by the staff member towards one of the big antennas. It was great to know that GMRT consists of 30 fully steerable gigantic parabolic dishes of 45m diameter each spread over distances of up to 25 km. After introduction all students were shown the big antenna and were told about how it works and were guided about its various functionalities. The metre wavelength part of the radio spectrum has been particularly chosen for study with GMRT because man-made radio interference is considerably lower in this part of the spectrum in India. Fourteen of the thirty dishes are located more or less randomly in a compact central array in a region of about 1 sq. km.



Figure : Begin journey from campus to GMRT

The GMRT is the largest radio telescope in the whole world and hence has great appeal in astrophysics research. Astronomers from all over the world regularly use this telescope to observe many different astronomical objects such as galaxies, pulsars, supernovae, and sun and solar winds. The visit concluded with an interactive session for the students, where they got an opportunity to interact with the concerned authorities and gain more knowledge. It was a great learning experience for one and all.



Figure : GMRT station along with Prof. Behendwar and students

GMRT consists of 30 fully steerable gigantic parabolic dishes of 45 m diameter each spread over distances of upto 25 km. The number and configuration of the dishes was optimized to meet the principal astrophysical objectives which require sensitivity at high angular resolution as well as ability to image radio emission from diffuse extended regions. 14 of the 30 dishes are located more or less randomly in a compact central array in a region of about 1 sq km. The remaining 16 dishes are spread out along the 3 arms of an approximately 'Y'-shaped configuration over a much larger

region, with the longest interferometric baseline of about 25 km. The large size of the parabolic dishes implies that GMRT will have over three times the collecting area of the Very Large Array (VLA) in New Mexico, USA which consists of 27 antennas of 25 m diameter and is presently the world's largest aperture synthesis telescope operating at centimetre wavelengths. At 327 MHz, GMRT will be about 8 times more sensitive than VLA because of the larger collecting area, higher efficiency of the antennas and a substantially wider usable bandwidth because of the low level of man-made radio interference in India. Apart from the novel low-cost design of the parabolic dishes, the instrument has state-of-the-art electronics systems developed indigenously and consisting of the following main sub units. • Antenna feeds at 6 different frequency bands between 50 MHz and 1500 MHz, having good polarization characteristics as well as simultaneous multiband operation. • Low-noise amplifiers, local oscillator synthesizers, mixers, IF amplifiers. • Optical fibres linking the entire array with the CEB. These are used both for the telemetry signals and local oscillator phase reference communication between the CEB and each antenna base. • A digital 2,30,000-channel FX-type correlator providing upto 128 spectral channels and covering a maximum bandwidth of 32 MHz



Figure : Students divided into two groups for understanding Sessions



Figure : Students carefully attending the project exhibition.

6. Summary of the Visit:

At the beginning of the visit one faculty of the training centre explained what GMRT exactly is and what are the functions of GMRT. Then after this introductory session all the students were divided into to groups to visit different projects arranged on the occasion of National Science Day 2023.

7. Outcome of Visit:

Students were able to elaborate structure, operation & applications of GMRT

Subject Teacher
Prof. Sneha Dhere

Head of Dept.
Dr. Yogesh Angal



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Report on Celebration of “International Women’s Day in presence of Dr. Leena Bokil”

Date: March 8th, 2023

Objective	Astronomy and Future career opportunities
Date of Conduction	March 8, 2023
Resource Person	Dr. Leean Bokil
Participants	Girl students of FE, SE, TE and BE ,BSIOTR, Pune
Venue	D1 -VC Room IT Department
Expected Outcome	Motivation
	Achieving goals in life
	Self-development
	Astronomy as a study of interest and career opportunities



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**BSIOTR MANTHAN STUDENTS' CLUB
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE), NEW DELHI
IETE STUDENT FORUM (ISF)**



*Celebration of
International
women's day*

In august presence of



Hon. Leena Bokil
Space Research Scientist,
NASA - Honeywell space educator,
Founder of ASTRO-EDU, Pune

In presence of

Dr.T.K.Nagaraj
Principal BSIOTR

Dr. Sachin Admane
Campus Director,
JSPM Wagholi

Hon. Shri. Rushiraj Sawant
Director JSPM Group of
Institutes.

Hon. Dr. T. J. Sawant
Founder Secretary
JSPM and TSSM Group
of Institute.
Cabinet Minister,
Public Health and
Family Welfare,
Govt of Maharashtra

WED | **8** | 1.00 PM
MAR

Veune: VC Room (IT DEPT)

On the occasion of International Women's Day 8th March 2023, AICTE sponsored BSIOTR MANTHAN club successfully organised a guest lecture on the topic “ One Step towards Dreams “ by Dr. Leena Bokil. Dr . Leena Bokil. Dr. Leena Bokil is a space Research Scientist, NASA-Honeywell space educator also Founder of ASTRO-EDU, Pune.



Fig.Student Aishwarya Gole falcitating Dr. Leena Bokil and BSIOTR girls attendies



Fig. Dr. T.K.Nagraj, principal Bisotr along with Hon.Dr. Leena Bokil, chief guest, HOD E&TC and HOD IT

Program started with Innaguration, sarawasti poojan followed by Hon. Principal Dr. T.K. Nagraj speech. Dr. Leena Bokil then described the astronomy subject in simple words. Indian contribution in Astronomy is a golden age and this dream was started by Dr. Homi Bhaba and Dr. Vikram Sarabhai with their own efforts and dedication they build the basement for Astronomy. Indian had a great achievement with the help of ESRO after Chandrayan 1 and Mangalyan.

She explained the future inspiring opportunities i.e. ADITYA L-1, CHANDRAYAN, SHUKRAYAN etc. She had motivated the huge audience a lot. She was inspired by famous astronomers like Sunita Williams, Kalpana Chawala, Rakesh Sharma, Dr. Homi Bhabha and Dr. Vikram Sarabhai. She guided the girls about the future career opportunities in this sector as well.

The program was concluded by vote of thanks by Anushka Umale.

Learning outcomes from the session:

Learning objectives	PROGRAM OUTCOMES (POs)
Confidence in speech	PO8, PO10, PO12
Formal Interaction methods	PO6, PO8, PO9, PO10, PO12
Impressive body language	PO8, PO10, PO12
Achieving goals	PO2, PO7, PO8, PO10, PO12
Self-development by proper decisions	PO2, PO6, PO8, PO9, PO10, PO12

Ashutoh Falegaonkar

Manthan Club Lead

Aekagra Dhamani

**Personality Development
Club Lead**

Renuka Limbhare

**Personality Development
Club Lead**

Prof. S. D. Dhere

Report Prepared by

Dr. Y. S. Angal

HODE&TC

Dr. T. K. Nagaraj

Program Director & Principal



**JSPM's BHIVRABAI SAWANT INSTITUTE
OF TECHNOLOGY AND RESEARCH**
Wagholi, Pune.



Department of Electronics & Telecommunication Engineering

A Report On

**“Printed Circuit Board Workshop”
Under Electronics and Telecommunication Students Association**

Name of The Programme	“Two Day workshop on PCB Design” (Under the Electronics & Telecommunication Students Association)
Objective	The aim of this workshop is to implement electronic hardware by learning PCB artwork design, soldering, testing etc.
Date of Conduction	10/03/2023 and 11/03/2023
Programme Convenor	Dr. Y. S. Angal, HOD (E&TC)
Coordinator	Assit. prof. Poonam V. Gawade
Students Participated	76 students of TE (E&TC) class

On First day, explained introduction of PCB, Types of PCB as well as software Proteus used for design of PCB layout. On Second day, explained PCB fabrication Method and introduced all fabrication hardware and procedure. For PCB fabrication used Driller machine, UV Light exposure for printing negative image of layout, coater and drier machine and etcher.

Day 1: Date 10/03/2023

Introduction:

PCB is a copper laminated and non-conductive **Printed Circuit Board**, in which all electrical and electronic components are connected together in one common board with physical support for all components with base of board. When PCB is not developed, at that time all components are connected with a wire which increases complexity and decreases reliability of the circuit, by this way we cannot make a very large circuit like motherboard. In PCB, all components are connected without wires; **all components are connected internally**, so it will reduce the complexity of the overall circuit design. PCB is used to provide electricity and connectivity between the components, by which it functions the way it was designed. PCBs can be customised for any specifications to user requirements. It can be

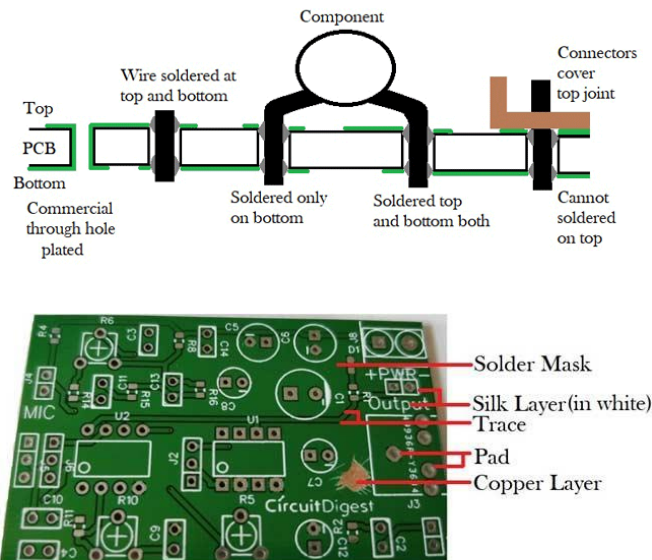
found in many electronics devices like; TV, Mobile, Digital camera, Computers parts like; Graphic cards, Motherboard, etc. It also used in many fields like; medical devices, industrial machinery, automotive industries, lighting, etc.

Types of PCB:

There are several types of PCB available for the circuit. Out of these types of PCB, we have to choose the appropriate type of PCB according to our application.

1. Single-layer PCB
2. Double-layer PCB
3. Multi-layer PCB
4. Flexible PCB
5. Aluminium backed PCB
6. Flex-rigid PCB

Different Parts of PCB:



Pad: Pad is nothing but a piece of copper on which lead of components are mounted and on which soldering are done. Pad provides the mechanical support to the components.

Trace: In PCB, components are not connected with the help of wires. All components are connected with a conducting material like copper. This copper part of PCB which is used to connect all components that is known as trace. Trace is looks like below figure.

Layers: According to application, cost and available space of circuit, user can choose the layer of PCB. Most simple in construction, easy to design and most useful in routine life is single layer PCB. But for very large and complex circuit, double layer PCB or Multi-layer PCB is most preferred compared to single layer PCB. Now a day, in multi-layer PCB, 10-12 layers can be connected and most critical thing is to communicate between the components in different layer.

Silk layer: Silk layer is used for printing line, text or any art on the surface of PCB. Usually, for screen printing epoxy ink is used. Silk layer can be used in top and/or bottom layer of PCB according to user requirement which is known as silk screen TOP and silk screen BOTTOM.

Top and bottom layer: In Top layer of PCB, all components are mounted in this layer of PCB. Generally, this layer is green coloured. In bottom layer of PCB, all components are soldered through the hole and lead of components is known as bottom layer of PCB. Sometime, in top and/or bottom layer PCB is coated with green colour layer, which is known as solder mask.

Solder Mask: There is one additional layer on the top of copper layer called as Solder Mask. This layer generally has green color but it can be of any color. This insulating layer is used for to prevent accidental contact of pads with other conductive material on PCB.

PCB Layout design Software:

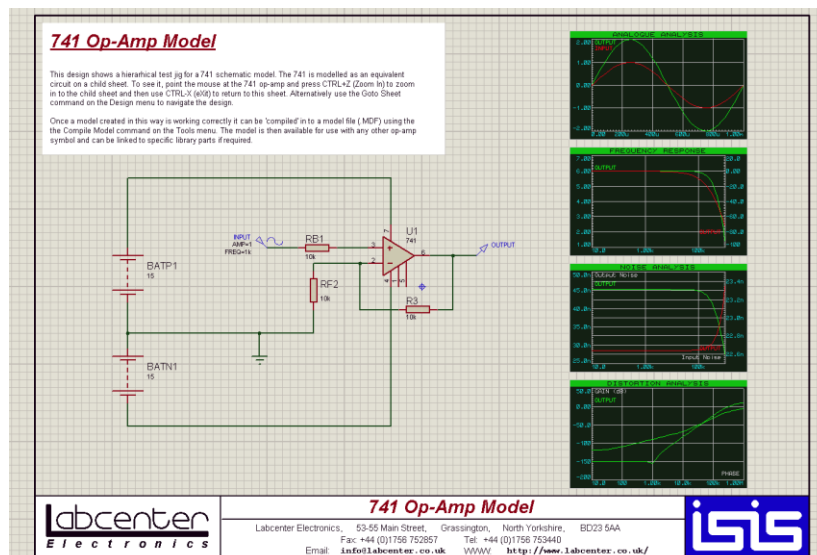
Proteus:

The Proteus electronic CAD solution, was developed by Lab center Electronics Ltd., a company founded by John Jameson in 1988 in the United Kingdom. Wide spreaded, Proteus is marketed in over 50 countries

Features and specifications

This suite has two main software programmes:

- Proteus ISI: diagram creation and electric simulation
- Proteus ARES: printed circuit routing solution with automatic component positioning



Day 2: Date 11/03/2023

Actual PCB fabrication procedure done by using hardware tools like PCB cutter, PCB coater and dryer, UV Exposure, Etcher and Driller.

Some glimpses of students participations:



PCB Cutting



PCB layout UV Exposure



Applying Photo resist and drying PCB



PCB Drilling


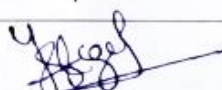



Soldering/component mounting

Outcomes:

By attending the workshop, the students can be able to perform different projects under mini project as well as Major projects, as part of the curriculum. Further, the students will gain knowledge on hardware design related issues.

Sr. No.	Workshop Outcome	PO	PSO
1	Understand the steps involved in schematic, layout, fabrication and assembly process of PCB design	PO1, PO2, PO3, PO4, PO10	PSO1, PSO2
2	Design (schematic and layout) and fabricate PCB for simple circuits.	PO1, PO2, PO3, PO4, PO5, PO10	PSO3

Programme Co-Ordinator	Asst. Prof. P. V. Gawade (E&TC) BSIOTR	
Programme Convenor	Dr. Y. S. Angal, HOD (E&TC), BSIOTR	
Principal	Dr. T. K. Nagaraj, Principal, BSIOTR	 PRINCIPAL

Bhivarabai Sawant Institute Of Technology & Research
Wagholi, Pune-412207.

REPORT ON
“Two Days workshop on PCB Design”
(Under the Electronics & Telecommunication Students Association)

at
 Department of Electronics and Telecommunication Engineering
 Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune

Name of The Programme	“Two Day workshop on PCB Design” (Under the Electronics & Telecommunication Students Association)
Date	13 th March 2023 to 14 th March 2023
Mode	Offline
Organizer	Department of Electronics and Telecommunication Engineering of Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune
Programme Convenor	Dr. Y. S. Angal, HOD (E&TC)
Programme Co-Ordinator	Asst. Prof. S. V. Malge (E&TC)
Participants	76 Participants (SE E&TC)

Introduction:

In today's engineering world, it is very important to develop practical skills along with theoretical knowledge. The workshop was aimed to provide knowledge about Complete PCB Designing using simulation tool to test circuit and also its Fabrication design software named as Proteus & to make physical PCB so that any student can make project on his own. The Workshop provide opportunities to students should be equipped with additional knowledge to face the competitive world, instead of always restricted to curricular knowledge. The workshop was attended by 76 participants from Second Year Electronics & Telecommunication Engineering Students.

The objective of this workshop was to give hands on training to the Second year Engineering students on designing and fabricating the printed circuit boards. The workshop was free and compulsory to all students.

Workshop Objective:

Sr. No.	Workshop Objective
1	Understand the need for PCB Design and steps involved in PCB Design and Fabrication process.
2	Familiarize Schematic and layout design flow using Open-source Tools.

The workshop was conducted for two days. On first day, In the introduction explained the basic knowledge of Printed circuit boards and how they differ from general circuit boards and breadboards. All the students were explained about the significance of PCB design and the steps in the design process. Students learned Proteus Open-Source software for schematic and layout design of circuit with an example. Simultaneously students also handled the software. also demonstrated some examples by simulating different circuits. Students were instructed to simulate some other logical circuits along with hands on session on the same projects.

On second day, all the students grouped in batch of four students have exposed to hands on practice on various steps in the circuit preparation and learned Copper clad cutting, clean copper clad, apply photo resist, expose to Ultraviolet light through Negative Image, Post Baking of copper clad, Etching Process, Drilling Process, PCB Soldering procedure & dos and don'ts of making PCB & Test PCB Board & mount components and soldering process. all the students were taken to project laboratory for simulating the PCB design process. An interactive session was also organized to bridge the gap of knowledge between students and faculties. Different queries of students regarding printed circuit boards were solved and briefly explained.

Tools Used for PCB workshop:

Sr. No.	Tools	Description
1	Software	Proteus (Open-Source)
2	Hardware	PCB Cutter
3		PCB Coater Cum Dryer
4		UV Exposer
5		PCB Etcher
6		PCB Driller

GLIMPSES OF THE WORKSHOP:



Copper clad cutting



Cleaning copper clad



Applying photo resist



Drying Copper Clad



Exposing to UV light through Negative Image



Post Baking of copper clad



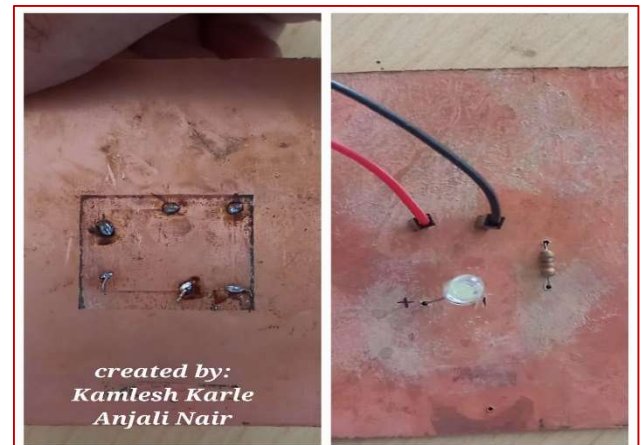
Etching Process



Drilling Process



Mounting components and soldering process



Final Printed Circuit Board

Student Attendance:

JAYAWANT SHIKSHAN PRASARAK MANDAL'S
Bhivarabai Sawant Institute of Technology & Research
 (Approved by AICTE New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)
 Accredited with B++ Grade by NAAC
 Gat No. 719/1 & 2, Wagholi, Pune-Nagar Road, Pune-412207
 Ph : 020-097335108, 65217050, 67335100
 Telefax : 020-67335100
 Website : www.sipm.edu.in / www.bsitr.org
 [EN 6311 / CEGP-013100]

Prof. Dr. T. J. Sawant
 B.E. (Elec.) PGDM, Ph.D.
 Founder Secretary

Dr. T.K. Nagara
 ME. (Civil Engg.), Ph.D. (Civil Engg.)
 LMSTE, LMCS, LMRC
 LMISTY, LMIC
 Principal

Department of Electronics and Telecommunication Engineering
 "Printed Circuit Board Workshop"
 Under Electronics and Telecommunication Students Association
 Class:SE

Date: 13 & 14 March 2023

Roll No	Student Name	Sign
2201	BAGWAN MUBEEN SAMEER	
2202	GAIKWAD PRASAD SANTOSH	
2203	RODE ABHIRAJ PRAVIN	
2204	ADHAV ARYA SHIVAJI	
2205	AJAY SUNIL KASABE	
2206	ANDHARE PRIYA VINAYAK	
2207	ANKUSHE MAHESH RAJENDRA	
2208	AUTI SOHAM RAMDAS	
2209	BANDE RUSHIKESH LAXMAN	
2210	BHOSALE SHAMBHURANJE SANTOSH	
2211	CHAVAN PIYUSH KAUTIK	
2212	CHAVAN RAVIRAJ ANANDRAO	
2213	CHAVARE ATHARV UMESH	
2214	CHOURE PRANITA BHAUSAHEB	
2215	CIRVI UMESH MOHANLAL	
2216	DHALPE ATHARV VIJAYKUMAR	
2217	DHULGANDE KIRAN SURYAKANT	
2218	GAVANDI UDDHAV SANJAY	

2245	RODE ASHWINI TANAJI	
2246	ROKADE SAKSHI ANIL	
2247	ROLE ROHIT BHIMRAO	
2248	SALEGAONKAR ANAND GOPALRAO	
2249	SALUNKE GANESH SHIVAJI	
2250	SARULE ASHISH DEVICHAND	
2251	SAYYED MUSKAN RASULSAB	
2252	SHARDUL NIKITA NITIN	
2253	SHEETE RUTUJA RATAN	
2254	SHINDE SUSHANT RAJENDRA	
2255	SHITOLE SHIVANI MINANATH	
2256	SONAWANE SHALAKA SUNIL	
2257	SOPANE DNYANESHWARI SAHEBRAO	
2258	TALE PRATIK SUBHASHRAO	
2259	THAKARE SANDESH SHANKAR	
2260	UBALE KUBER ANIL	
2261	WALKIKAR SANIYA DINESH	
2262	YENGE ANTESHWAR NAMDEV	
2263	KULKARNI PARJANYA PRAVIN	
2264	PAWAR SAMRUDDHI PRAKASH	
2265	ADHAU ABHISHEK VINOD	
2266	SINGH SUNDARAM BRAJESH	
2267	THAKUR ASHUTOSH RAM	
2268	WAHUL DIPAK GANESH	
2269	PATHARKAR YOGESH PRAKASH	
2270	ABHIJEET TATYASAHEB CHAUDHARI	

2219	GHULE SANKET ARUN	
2220	GUND SANDESH SANTOSH	
2221	HOLKAR MANSI MUKUND	
2222	JADHAV SITARAM SUBHASH	
2223	JADHAW ARSHUTOSH RAMESH	
2224	KADAM ADITYA MANOHAR	
2225	KADAM KUNAL ASHISH	
2226	KAKADE PRANITEE ARJUN	
2227	KARLE KAMLESH RAJENDRA	
2228	KATE CHANDRASHEKHAR BHAUSAHEB	
2229	KUMBHAR AKSHAY VIJAY	
2230	MORE ANURAG CHAURANG	
2231	MOURYA TUSHAR ANIL	
2232	NAIR ANJALI RAJAN	
2233	NARWADE RITESH SANTOSH	
2234	NIKAM VISHAKHA SUDHAKAR	
2235	NISHANT S PAWAR	
2236	PATIL RUSHIKESH VISHNU	
2237	PATIL SIDDHANT SOMNATH	
2238	PATIL VAIBHAV RAJENDRA	
2239	PESHAVE MADHURA SANJAY	
2240	PHAD GAYTRI HARIBHAU	
2241	PRANITA JALINDAR GADHAVE	
2242	RAMBHAD RUSHITA YOGESH	
2243	RASAL KARTIKI SACHIN	
2244	RASAL UDAY SHARAD	

2271	AVINASH BHARAT GHALME	
2272	PRATEEK GAJENDRA HAJARE	
2273	SHRADHA BHASKAR DIGHE	
2274	DIVYA ZUMBAR KAWALE	
2275	ARCHANA SHIVAJI SONAWANE	
2276	PARIGHA SANJAY PATIL	
2277	RUDRESH RODE	

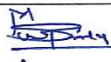


Program CO-ordinator

H.O.D.
 Electronics & Telecommunication Dep
 Bhivarabai Sawant Institute of
 Technology & Research
 Wagholi, Pune-412 207

Workshop Outcome:

By attending the workshop, the students can be able to perform different projects under “Project based Learning”, Mini as well as Major projects, as part of the curriculum. Further, the students will gain knowledge on hardware design related issues.

Sr. No.	Workshop Outcome	PO	PSO
1	Understand the steps involved in schematic, layout, fabrication and assembly process of PCB design	PO1, PO2, PO3, PO4, PO10	PSO1, PSO2
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Programme Co-Ordinator	Asst. Prof. S. V. Malge (E&TC) BSIOTR	
Programme Convenor	Dr. Y. S. Angal, HOD (E&TC), BSIOTR	
Principal	Dr. T. K. Nagaraj, Principal, BSIOTR	



**Jayawant Shikshan Prasarak Mandal's
Bhivarabai Sawant Institute of Technology & Research**

(Approved by AICTE New Delhi, DTE Mumbai and Affiliated to Savitribai Phule Pune University)

Accredited by NBA and NAAC

Gat No. 719/1 & 2, Wagholi, Pune-Nagar Road, Pune-412207

Ph : 020-067335108, 65217050, 67335100

Website : <https://jspmbsiotr.edu.in/>

AICTE & JSPM FUNDED

STUDENTS' CLUB UNDER THE

SCHEME PROMOTING INTERESTS, CREATIVITY AND ETHICS AMONG STUDENTS (SPICES)

"BSIOTR MANTHAN"

AY-2022-23



DATE: 25/04/2023

Title of Program: IETE National Level Project Competition at JSPM's BSIOTR

SR. No.	Date	Name of Suppliers / Vendor	Particulars	Account Head	Invoice No.	Quantity	Amount	Total cost per bill
1.	25-04-2023	Chandra nursery	Plants	Felicitation Expenses	23	2	200	200/-
2.	25-04-2023	Chandra nursery	Rose Plants	Felicitation Expenses	21	4	160	160/-
3.	25-04-2023	Shrisha Gift House	Gift Paper	Stationary	1905	5	50	50/-
4.	25-04-2023	HINGLAJ	Decoration	Stationary	1713	6	60	60/-
5.	25-04-2023	Shrisha Gift House	Decoration	Stationary	1909	3	60	60/-
6.	25-04-2023	Chandra Nursery	Plants	Felicitation Expenses	20	12	380	380/-
7.	25-04-2023	Santosh readymade	Carry bags & Shall	Consumable	808	3	270	270/-
8.	25-04-2023	Mataji Super Market	Coconut for Felicitation	Consumable	0	2	50	50/-
9.	25-04-2023	HINGLAJ	Blue Pens	Stationary	1714	9	90	90/-
10.	26-04-2023	Cafeteria Canteen JSPM Wagholi	Refreshment Expenses	Food & Refreshment	-	20	200	3190/-
11.	26-04-2023	Cafeteria Canteen JSPM Wagholi		Food & Refreshment	-	10	200	
12.	26-04-2023	Cafeteria Canteen JSPM Wagholi		Food & Refreshment	-	20	440	
13.	26-04-2023	Cafeteria Canteen JSPM Wagholi		Food & Refreshment	-	25	400	
14.	26-04-2023	Cafeteria Canteen JSPM Wagholi		Food & Refreshment	-	100	1500	
15.	26-04-2023	Cafeteria Canteen JSPM Wagholi		Food & Refreshment	-	30	450	
GRAND TOTAL								4510/-

Abhaya
Mr. Ackagra Dhamani
TE(E&TC)

Student Coordinator Treasurer
MANTHAN Club

Manish
Mr. Manish Waghmode
TE(E&TC)

Event Coordinator
MANTHAN Club

Chaitra
Miss. Chaitra Deshpande
TE (E&TC)

Student Coordinator
MANTHAN Club

S. S. Angal
Dr. Y. S. Angal
H.O.D.

Electronics & Telecommunication Dep
Bhivarabai Sawant Institute of Technology & Research
Wagholi, Pune-412207
Faculty Coordinator BSIOTR
MANTHAN Club

T. K. Nagaraj
Dr. T. K. Nagaraj

PRINCIPAL
Bhivarabai Sawant Institute of Technology & Research
Wagholi, Pune-412207
Principal (BSIOTR)



**JSPM's Bhivarabai Sawant Institute of Technology and Research,
Wagholi-Pune-412207**

(Approved By AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University, Accredited by NAAC, Bangalore)

Students' club Under the Scheme Promoting Interests Creativity & Ethics Among Students (SPICES)



Academic Year - 2022-23

BSIOTR Manthan

(Funded by AICTE New Delhi and JSPM Management)



Date: 26/04/2023

Report of Final Round

“National Level IETE Project Competition 2023 in Association with BSIOTR MANTHAN”



Name of Event	“National Level IETE Project Competition 2023 in Association with BSIOTR MANTHAN”
Organized Under	AICTE SPICES BSIOTR MANTHAN Students' Club & IETE Pune Centre
Date of Event	26 th April , 2023
Location of Event	JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune-412207
Number of Persons Attending	232
Travelling Expenses of participation funded by	All India Council for Technical Education (AICTE), New Delhi & Management of JSPM Group of Institutes, Pune & IETE, Pune Centre , Self sponsored
Principal	Dr. T.K Nagaraj
Program Co-Coordinator Name	Dr. Y.S. Angal
Technical Team Lead Name	Mr. Mahesh Waghmode
Concerned Club Name	C.V. Raman Club (Technical Club)

❖ Brief report about competition:

The National Level Intercollegiate Project Competition was conducted at BSIOTR on 26/04/2023 in association with IETE Pune Centre. The Competition was inaugurated in august presence of **Mr. Anil Bhosale, Director, JSPM Group of Institute** and by the auspicious hands of **Dr. R. D. Kharadkar, Immediate Past Chariman IETE, Pune Centre, Dr.T.K.Nagaraj, Principal BSIOTR, Mr.Krishan Pal Director, Incedo Technology Pvt Ltd, Pune and Mr. Amol Shinde, Senior Manager, Incedo Technology Pvt Ltd.** These dignitaries were guest of hour during the Inaugural Program. We experienced excellent response and self-involvement by almost all groups of students who participated in IETE project competition. All Judges evaluated all projects allotted to them and we shortlisted 13 groups for second round for final selection of IETE projects from BSIOTR Centre. After evaluation of project in Second Round (shortlisting from shortlisted 13 projects from first round). We have shortlisted 3 projects with 5 Groups as mentioned in above list. **Shri. Krishan Pal (Director, Incedo Technology Pvt Ltd, Pune), Shri. Amol Shinde(Senior Technical Manager, Incedo Technology Pvt Ltd, Pune), Dr.Amol Bhoi (GHRAISONI, Pune), Dr.Omprakash Rajankar (Dhole Patil COE,Pune), Prof.Vipin Vibhute (DYPCOE Akurdi), Prof. Kiran Patil(ICOER,Pune), Prof. Anand Trikolikar(ICOER,Pune)** worked as evaluator and Judges for the Competition. We are thankful to **Dr.V.V.Shete, Chairman IETE Pune Centre and Dr. D.G. Bhalke, Secretary, IETE Pune Centre and all EC members of IETE Pune Centre for giving us opportunity to host this event as one of the centre for IETE Project Competition.** We are especially thankful to management JSPM for supporting this event for successful implementation.

❖ Summary:

No of Group Registered:	66
No of Group Participated:	62
No. of Industrial Judges:	02
No of Academic Judges:	05
No of Certificates Required For Participants/Judge/Coordinator/Volunteers:	232

❖ Details of first three winners:

Sr No.	Title of Project	Name of College	Name of Student(s)	Abstract of Project
1	IoT based SMART Farming	Dhole Patil College of Engineering, Pune	Pritam Mondal	<p>Project enables farmers to manage their farms remotely. The primary goal is to support existing farmer as well as new farmer who want to start farming as their side income source by remote farming. Farmers can monitor numerous environmental elements including temperature, humidity, soil moisture levels and tank water levels in real-time with the use of IoT devices. They can also control the fertilization process and pests' control remotely. They can monitor their crops using robot they can get the live video potage on their device. This will help farmer to maximize agricultural yield, lower waste, and boost profitability as a result.</p> <p>Additionally, smart farming systems give farmers useful knowledge about crop development and disease prevention, empowering them to make data-driven decisions and take preventative action to avoid crop losses. IoT-based smart farming systems may also be remotely accessed and managed via smartphones and other connected devices, giving farmers the flexibility to manage their operations whenever and wherever they choose.</p>
			Satya Rajput	
			Shreyasi Phadtare	
			Samrudhi Shrotri	
			mondalrumki02@gmail.com , satyarajput1008@gmail.com , shreyasi.phadtare1633@gmail.com , samrudhishrotri@gmail.com yengeanteshwar40@gmail.com	

2	Arduino Based CNC Machine	JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune	<p>Abhijeet T. Chaudhary Avinash B. Ghalme</p> <p>avhijeet3@gmail.com avinashghalme8@gmail.com</p>	<p>In this Project Arduino nano is used as a controller. Input is given in the form of the pixel, later it is convert into the a code.A code is the input to the Arduino on the output of the Arduino motor drivers IC's are present which operates the servo motor & Stepper motor which writes the pixel by the pen mechanism as it is given by input. In any organisation legal work is done by legal documents consider authentic by the signature. But sign can be duplicate by using CNC machine.we can do it. As a student of E&TC Department our suggestion is to go with technology. Everybody should have the digital sign. Nowadays it is used in a government sector.</p>
3	Military Spying Robot	JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune	<p>Ashlesha Takale Anjali Takale</p> <p>ashleshatakale70@gmail.com takleanjali11@gmail.com</p>	<p>This project is based on Military Spying Robot ,The intention of this system is to reduce human victims in terrorist attack such as 26/11. So this problem can be overcome by designing the RF based spy robot which involves wireless Devices, So that from this it will be easy to examine rivals when it required. This robot can quietly enter into enemy area and sends us the information via wireless Devices. Robotics has been a staple of advanced manufacturing for over half a century. As robots and their peripheral equipment become more sophisticated, reliable and miniaturized, these systems are increasingly being utilized for military and law enforcement purposes. With the change in geopolitics, the security of every country's sovereignty</p>

				<p>and territory has become an important aspect, the consequence of which major economics are prioritizing advancements in the Defense sector. The combination of artificial intelligence and automation in robotic systems has been extensively utilized in military types of equipment while spying and patrolling are two of the key applications</p> <p>Mobile robotics play an increasingly important role in military matters, from patrol to dealing with potential explosives. Bluetooth technology aims to exchange data wirelessly at a short distance using radio wave transmission comprising features to create ease, perception and controllability Additionally , Military Spying Robot in software Part For authentication , by Using Haar cascade algorithm for face recognition Check the User/ Person is authorised or Unauthorised</p>
4	Automatic Solar Tracker Using Arduino	JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune	<p>1)Pratik S. Tale 2) Ashutosh R. Thakur 3) Anteshwar N. Yenge 4) Kuber A. Ubale 5)Nishant S. Pawar at811702@gmail.com nishatnpawar1378@gmail.com kuberubale2003@gmail.com talepratik6@gmail.com yengeanteshwar40@gmail.com</p>	<p>This project aims to design and develop a Sunlight Tracker using Arduino, which is an open-source microcontroller platform. The Sunlight Tracker is a device that follows the sun's position throughout the day and ensures that the solar panel is always perpendicular to the incoming sunlight. The system uses a servo motor to rotate the solar panel and an LDR sensor to detect the sun's position. The Arduino microcontroller processes the input from the LDR sensor and controls the servo motor to adjust the solar panel's position. The Sunlight Tracker is</p>

				<p>designed to be low-cost, easy to build, and customizable. The project's outcome is expected to improve the efficiency of solar panel systems, resulting in higher energy output and cost savings for users</p>
E-Driving License Management System	Imperial College of Engineering and Research, Wagholi, Pune	<p>Sweta More = 7229098804 Swetamore0330@gmail.com</p> <p>Neeraj Raje = 8600135959 neerajraje55@gmail.com</p> <p>Prajakta Navatake = 7620570866 prajaktabn41@gmail.com</p>		<p>To prevent non-licensees from driving and causing accidents, a new system is proposed. An important and very reliable human identification method is fingerprint identification. Fingerprint identification is one of the most popular and reliable personal biometric identification methods. The proposed system consists of a data base it storing the fingerprint of particular person. While issuing the license, the specific person's fingerprint is to be stored in the data base. Vehicles such as cars, bikes etc should have a fingerprint reader and have capable to read the particular persons license details. In this system every automobile should have the facility of fingerprint reader device. A person, who wishes to drive the vehicle, should swipe his/her finger (license) in the vehicle. If the finger print stored in the card and fingerprint swiped in the device matches, he/she can proceed for ignition, otherwise ignition will not work. Moreover, the seat belt detector verifies and then prompts the user to wear the seat belt before driving. This increases the security of vehicles and also ensures safe driving by preventing accidents. In case the car is started by the influence of valid licensed person. There</p>

			is a chance to change the driver. So we are additionally improving our license verification system in rad side also by the help of police verification system
--	--	--	---

❖ Details of Judges:

Sr No	Name of Evaluator	Name of Organisation & Designation	Phone No and email id	Account details
01	Mr. Krishna Pal	Director Incedo Technology Pvt Ltd, Pune	9561240228 krishan.pal@incedoinc.com	Bank Name : HDFC Bank Address: Survey No. 244/345, Rajiv Gandhi Infotech Park, Nr.Tata Jhonson Controls, Pune Savings Account No. 07941610060737 IFSC Code: HDFC0000794
02	Mr. Amol Shinde	Technical QA Manager Incedo Technology Pvt Ltd, Pune	9970342187 amol.shinde@incedoinc.com	Bank Name : HDFC Bank Address: Survey No. 244/345, Rajiv Gandhi Infotech Park, Nr.Tata Jhonson Controls, Pune Savings Account No. 07941610039387 IFSC Code: HDFC0000794
03	Dr.Amol Bhoi	Professor (E&TC) G.H. Raisonni Institute of Engg. & Tech. Pune	Mobile No. 9028 450 440 Email id: amol.bhoi@raisonni.net	Not want to get honorarium
04	Dr.Omprakash Rajankar	Professor and HOD(E&TC) Dhole Patil College of Engineering , Pune	Mobile No: 9881440260 Email Id: dromprakashrajankar@dpc oepune.edu.in	Bank Name : COSMOS Bank Address: Koregaon Park, Pune -411001 Savings Account No. IFSC Code: COSBOOOO026
05	Prof. V.S.Vibhute	Dr. D.Y. Patil College of Enginering, Akurdi	Mobile No.: 9823584172 Email Id: vipinv23@gmail.com	Bank Name : Union Bank of Inia Address: Pimpri-Chinchwad Savings Account No.: 111710011000256 IFSC Code: UBIN0811173
06	Prof. Nitin	Imperial College of	Mobile No.: 7972813403	Bank Name: ICICI

	Trikolika	Engineering and Research, Wagholi, Pune	Email Id: anandt15@gmail.com	Bank Address: Wagholi Savings Account No: 000501654578 IFSC Code: ICIC0001727
07	Prof Kiran Patil	Imperial College of Engineering and Research, Wagholi, Pune	Mobile No.: 9665762715 Email Id: patilkiranmanojkumar@gmail.com	Bank Name : HSBC Premier Address: Amar Avinash Corporate City, Sector No.11, Bund Garden Road, Pune-411001 Savings Account No.: 105-836738-001 IFSC Code: HSBC0411002

❖ Photographs of the event :



Photo 1 : Felicitation of Guest of Honour, Dr.R.D.Kharadkar, Immediate Past Chairman IETE Pune Centre,



Photo 2: Address by Shri. Anil K Bhosale, Director JSPM and TSSM Group of Institutes



Photo 3: Dr. Y. S. Angal, (HOD(E&TC)), guidelines for all Participants



Photo 4: ISF Volunteers with Guest during IETE National Level Project Competition

24.	TE	Sakshi Jadhav	
25.	SE	Chaudhary Sanchit	
26.	SE	Sanyal Patel	



Photo 5: Meeting with Judges of IETE Project Competition



Photo 6: Photograph with second round shortlisted students in IETE Project Competition at BSIOTR



Photo 7: Project Evaluation by Prof. Kiran Patil

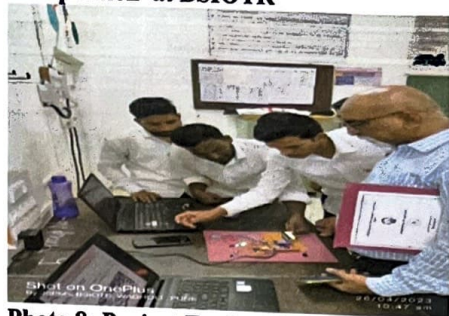


Photo 8: Project Evaluation by Dr. Amol Bhoi



Photo 9: Project Evaluation by Prof. Anand Trikolikar



Photo 10: Project Evaluation by Shri. Amol Shinde



Photo 11: Project Evaluation by Prof. V.S. Vibhute



Photo 12: Participants full involvement in project Presentation

Outcomes:

A project competition, such as the one organized by [IETE Pune Centre], brings forth a plethora of outcomes that significantly impact participants, organizers, and the field at large. These outcomes underscore the transformative power of such events in promoting innovation, learning, and personal growth.

This Event was organized by the BSIOTR MANTHAN Students' Club and Technical Committee of BSIOTR MANTHAN Students' Club.

Report Prepared by		
1) Dr. A.L Wanare	IETE, Member	JSPM BSIOTR
2) Prof. Meenakshi A.	IETE, Member	JSPM BSIOTR

Scheme	Coordinators name
Coordinators	
Lead	Mr. Ashutosh Falegaonker
Lead	Miss.Chaitra Deshpande

Technical Committee	Members Name
Club Coordinator	Mr. Mahesh Waghmode
Executive Member	Mr. Ankit Tiwari
Executive Member	Mr. Lakshman Sharma


Mr Mahesh Waghmode

Technical Club

Team Student Lead


Miss. Chaitra Deshpande

MANTHAN Club

Student Lead


Dr. Y.S. Angal

H. O. D.
Electronics & Telecommunication Dep.
Bhivarabai Sawant Institute of
Technology & Research
(Program Co-ordinator)
Wagholi, Pune- 412 207




Dr. T.K. Nagaraj

PRINCIPAL
B.P.M.'S Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune- 412207
(Program Director)



Jayawant Shikshan Prasarak Mandal's Bhivarabai Sawant Institute of Technology & Research

(Approved by AICTE New Delhi, DTE Mumbai and Affiliated to Savitribai Phule Pune University)

Accredited by NBA and NAAC



National Level IETE Project Competition 2023 in association with BSIOTR MANTHAN Club

Date:- 26/04/2023

Attendance Sheet

Sr.No	Class	Name	Sign
1.	SE	Aryan Varma	
2.	TE	Chaitra Deshpande	
3.	TE	Aishwarya Gole	
4.	TE	Abhay Mane	
5.	SE	Rohit Kokane	
6.	TE	Meghsham Jade	
7.	TE	Priyanka Patil	
8.	SE	Adnan Shaikh	
9.	SE	Kunal Deshpande	
10.	SE	Prathamesh Tayade	
11.	TE	Shubham Pawar	
12.	SE	Pradeep Koli	
13.	TE	Kunal Narwade	
14.	SE	Ritesh Kolhe	
15.	TE	Abhishek Ghavran	
16.	TE	Sheetal Gat	
17.	SE	Pranjapti Poanav	
18.	SE	Viraj Pandit	
19.	SE	Abhay Deshmane	
20.	TE	Kishori Raudine	
21.	TE	Meghsham Dhamani	
22.	SE	Rameshwar Chinde	
23.	BE	Mounal Tati	
24.	TE	Sakshi Tadhar	
25.	SE	Chaudhary Sonchit	
26.	SE	Saunvik Patil	

	SE	Pratik . P.	Pratik . P.
28.	TE	Abhishek Chavan	Abh
29.	TE	Anushka Umale	Anushka
30.	TE	Gauri Wankhade	Gauri
31.	SE	Sanket Yelam	Sanket
32.	SE	Kunal Ugale	Kun
33.	TE	Rutuja Mane	Rutuja
34.	TE	Kamblé Ravindra	Kamblé
35.	SE	Harshvardhan . A.	Harshvardhan
36.	SE	Prath Dorekar	Prath
37.	SE	Ashutosh Thakur	Ashutosh
38.	TE	Thorve Ganesh	Thorve
39.	SE	Tushar Kolhe	Kolhe
40.	SE	Dhokchaule Tejay	Tejay
41.	SE	Nishant Pawar	Nishant
42.	TE	Shubham Nile	Shubham
43.	SE	Sanket Kale	Kale
44.	OS	Krishna HooDe	Krishna
45.	TE	Pradeep Kolhi	Pradeep
46.	SE	Vedant Bhogé	Vedant
47.	SE	Rohan Lokhande	Rohan
48.	SE	Ritesh Avachar	Ritesh
49.	TE	Aekagra Dhamani	Aekagra
50.	SE	Ritesh Avachor	Ritesh
51.	SE	Gaurav Pandhaskar	Gaurav
52.	TE	Harshwardan Jare	Harshwardan
53.	TE	NAMEERA Attar	NAMEERA
54.	TE	Shubham Sawant	Shubham
55.	SE	Siddhant Mane	Siddhant
56.	TE	Vaishali Peshmukh	Vaishali
57.	TE	Azmaan Shaikh	Azmaan
58.	TE	Gaurai Aniket	Gaurai
59.	SE	Ranjit Kamble	Ranjit
60.	TE	Tambe Ramesh	Tambe
61.	TE	Rohini Chavan	Rohini
62.	SE	Tambe Rutuja	Tambe
63.	SE	Ganesh Kulkarni	Ganesh
64.	SE	Mane Harshal	Mane
65.	SE	Sasane Rutuja	Sasane
66.	SE	Gauri Raway	Gauri
67.	SE	Aarya Gundu	Aarya

69.	TE	Janhavi Salunkhe	J. Salunkhe
70.	TE	Kunal Wadile	Kunal
71.	SE	Diya Gandhi	Diya
72.	SE	Mauli Karche	Mauli
73.	TE	Swaraj Jadhav	Swaraj
74.	TE	Devendra Tayade	Devendra
75.	SE	Gunjan Ahirrao	Gunjan
76.	SE	Ritesh Patil	R.P.P.
77.	TE	Shubham Chatur	Shubham
78.	TE	Vaibhav Shelke	Vaibhav
79.	SE	Bade Tejas	Bade
80.	SE	Rushikesh K	Rushikesh
81.	TE	Shelar Rutik	Shelar
82.	SE	Pranita Chauhan	Pranita
83.	SE	Sumbit Haverikar	Sumbit
84.	SE	Abigait Patil	Abigait
85.	TE	Adhav Goyatri	Adhav
86.	TE	Gaurav Dhokchaule	Gaurav
87.	SE	Jadhav Aditya	Jadhav
88.	SE	Sagar Goghare	Sagar
89.	SE	Alok Singh	Alok
90.	SE	Tushar Mourya	Tushar
91.	SE	Girish Raut	Girish
92.	SE	Megharaj Korade	Megharaj
93.	SE	Omeshree Gavhane	Omeshree
94.	SE	Piyush Chavan	Piyush
95.	SE	Patil Shreya	Patil
96.	TE	Tejas Mehetre	Tejas
97.	SE	Abhishek Birajdar	Abhishek
98.	SE	Pranita Gadgil	Pranita
99.	SE	Panwar Aditya	Panwar
100.	TE	Ashutosh Palegaonkar	Ashutosh
101.	SE	Shritej Sankpal	Shritej
102.	TE	Purna Katkar	Purna
103.	SE	Bhushan Ahire	Bhushan
104.	TE	Kiran Mayekar	Kiran
105.	SE	Randhore Rohan	Randhore
106.	TE	Aman Markar	Aman
107.	SE	Sandeep Wakude	Sandeep
108.	TE	Amar Karande	Amar
109.	SE	Maresh Biradar	Maresh

	TE	Priyadarshan . k .	PBR
111.	SE	chaitanya thakar	Su
112.	TE	Bhargavi Joshi	B. Joshi
113.	SE	Siddharaj Mali	Serece
114.	SE	Dhruv Patil	Pa
115.	TE	Naresh Dhurnal	Naresh
116.	SE	Dhagde Koushna	Du
117.	TE	Ekta Tambe	Ekta
118.	SE	Vivek Paddeshw	Vivek
119.	TE	Tejas Deshmukh	Deshmukh
120.	SE	Nilesh Mohite	Nilesh
121.	TE	Pranav Gadgil	Pranav
122.	SE	Prathmesh Kamble	Pr
123.	SE	Neha Dhurnal	Neha
124.	SE	Parkole Kshiteej	Parkole
125.	TE	Ispurleen	Ispurleen
126.	SE	Prasad Khotkar	Pr
127.	SE	Rashi Nagar	Rashi
128.	SE	Swapnil Ingole	Swapnil
129.	SE	Dipti Dake	Dipti
130.	TE	Gaurav Thakur	Gaurav
131.	SE	Aditya Shinde	Aditya
132.	SE	Dipti Dake	Dake
133.	SE	Gaurav Chaudhari	Gaurav
134.	TE	Shruti Kumar	Shruti
135.	SE	Nikita Hajare	Nikita
136.	SE	Shrutika Patil	Patil
137.	SE	Shelke Omkar	Omkar
138.	TE	Sakshi Shejwal	Sakshi
139.	TE	Bhosale Pawan	Pawan
140.	TE	Prati Deshpande	Prati
141.	SE	Archana Ambhure	Archana
142.	SE	Sanika Khamkar	Sanika
143.	TE	Mahesh Waghmode	Mahesh
144.	SE	Bedre Rutika	Rutika
145.	SE	Swamini Chavan	Swamini
146.	SE	Rutik mane	Rutik
147.	SE	Ankush fuke	Ankush
148.	SE	Aditya Navale	Aditya
149.	SE	Sakshi Jagtap	Sakshi
150.	TE	Anushka Chavan	Anushka
151.	SE	Niva Bidare	Niva

153.	SE	Poojana Indore	Dr.
154.	SE	Nikita Sonawane	Sun
155.	TE	Chetan Daphal	Chetan
156.	TE	Kulul Supriya Sandip	Chetan
157.	SE	chetana Bahale	Chetan
158.	TE	Shrihari Pawar	Sapshi
159.	TE	Sakshi Kuwar	Sat
160.	ME	Sagar Dalei	Beija
161.	SE	Anuja Chavan	Dr
162.	TE	Dinesh Dandekar	Dr
163.	TE	Rajniandini T.	Dr
164.	TE	Gauri Gadge	Dr
165.	TE	Mayur Dandekar	Dr
166.	TE	Kumbhar Sujay	Dr
167.	TE	Gauri Wankhede	Dr
168.	BE	Balaji Pawar	Dr
169.	SE	Anuradha Thombare	Dr
170.	TE	Abhij Balgachab	Dr
171.	TE	Rajniandini S.	Dr
172.	TE	SADRA MAHADEV	Dr
173.	SE	Sanskriti Thorve	Dr
174.	TE	PRATIK BENOAL	Dr
175.	SE	Onshree Gauran	Dr
176.	TE	Dhushkar Ruke	Dr
177.	TE	Radhika Deshmukh	Dr
178.	TE	HIRE SANJAY	Dr
179.	TE	Romal Vadak	Dr
180.	TE	Ritesh Sol	Dr
181.	TE	Sakshi Shejwal	Dr
182.	BE	Sushant Patil	Dr
183.	BE	Najini Mulani	Dr
184.	TE	Kajal Raskar	Dr
185.	TE	Gauri Dehadi	Dr
186.	TE	Ketan Chatur	Dr
187.	TE	Vaishnavi Thakre	Dr
188.	TE	Vaibhav Mahadev	Dr
189.	TE	Anita Anup	Dr
190.	TE	lakesh Kokate	Dr
191.	TE	Swapnil Khednar	Dr
192.	TE	Vaishnavi Dhapaty	Dr
193.	TE	Purva Kattkar	Dr

195.	BE	Sonali Salpute	Sonal
	BE	Gaurav Thakur	Gaurav
196.	TE	Vedant Tware	Vedant
197.	BE	Mahesh Waghmode	Mahesh
198.	SE	Janhani Sahani	Janhani
199.	BE	Adesh Tengale	Adesh
200.	TE	Rishi Manwar	Rishi
201.	TE	Tushar Mourya	Tushar
202.	BE	Aekagra Dhamari	Aekagra
203.	TE	Gunjan Joshi	Gunjan
204.	TE	Aishwarya Salunkhe	Aishwarya
205.	TE	Abhay Rode	Abhay
206.	BE	Kantilal Tawar	Kantilal
207.	TE	Adah Aseri	Adah
208.	SE	Anushka Deshpande	Anushka
209.	SE	Janhani Phule	Janhani
210.	TE	Chaitra Deshpande	Chaitra
211.	SE	Aekagra Dhamari	Aekagra
212.	SE	Aditya Aseri	Aditya
213.	TE	Meghaaj Salukhe	Meghaaj
214.	TE	Riddhi Kalola	Riddhi
215.	SE	Nikita Joshi	Nikita
216.	TE	Kushli Joshi	Kushli
217.	BE	Sneha Vadhorane	Sneha
218.	BE	Shreya Kord	Shreya
219.	TE	Riddhi Jalega	Riddhi
220.	BE	Pankaj Pawar	Pankaj
221.	BE	Poitan Sheldar	Poitan
222.	SE	Vedant Pandey	Vedant
223.	SE	Abhinav Korde	Abhinav
224.	TE	Neha Gaikwad	Neha
225.	SE	Sampada Kulkarni	Sampada
226.	TE	Vidhya Deshmukh	Vidhya
227.	SE	Sukhada Joshi	Sukhada
228.	BE	Priya Phule	Priya
229.	SE	Tanaya Joshi	Tanaya
230.	BE	Malti Shani	Malti
231.	TE	Hemanshi Patel	Hemanshi
232.	SE	Pranita Shradu	Pranita
233.	TE	Nikita Gadhave	Nikita
234.	BE	Chaitrali Pandey	Chaitrali
235.	SE	Sbham Auti	Sbham

	TE	Poonita Chouse	<u>Pe</u>
237.	GE	Radhika Peshmane	<u>Pe</u>
238.	TE	Meenal Tatli	<u>Meenal</u>
239.	SE	omkar peokar	<u>ay</u>
240.	TE	Nikita Mane	<u>Drac.</u>
241.	SE	laksh Umale	<u>Jes</u>
242.	TE	Priti devalkar	<u>Pe</u>
243.	TE	Guru Prasad	<u>Curahel.</u>
244.	SE	chetna patil	<u>ans</u>
245.	SE	Gayatri phad	<u>Gayatri</u>
246.	TE	Rushikesh Gore	<u>Push</u>
247.	SE	Sakshi Rokade	<u>Sakshi</u> <u>pekar</u>



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Rs. 3,190/-

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Cheque No. _____ Date : _____

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PRINCIPAL
Principal/Director
J.P.M.'S Bhivandur
Technology & Research
Wagholi, Pune- 412207


Receiver's Signature

नगद / पत रसिद

No. :
क्रमांक

Date : 26/4/23
दिनांक

सर्वश्री

අයුතු

QTY. संख्या	PARTICULAR विवरण	RATE दर	AMOUNT रकम ₹
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Rs. 200/-

Pay Mr. / Mrs. chandra Nursery

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being plants (honorium) Expense

and debit on felicitation account.

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Bank _____

Branch _____

Cheque No. _____ Date : 25/4/23

Accountant

Principal/Director

Receiver's Signature

Bhivabadi

ACCOUNTANT
Bhivabadi, Pune

& Research



॥ ॐ नमः शिवाय ॥

चंद्र नर्सरी

8825170824
7028169354

पत्ता : लॅक्सीकॉन स्कूल जवळ, पुणे नगर रोड, वाघोली, पुणे-४१२२०७

प्रती, JSPM BATOR

बिल नं.: 023

दिनांक : 25/04/23

अ.क्र.	तपशील	नग	रुपये
1	Rose plant	4	160/-
2)	Kundlic (Pot)	1	40/-
<p>J & P M Waghode Inward No. 285 Date 25/04/2023 Time 03:38 PM Gen No M1412-IT 2471 Name B. P. M. Waghode (Security) H. P. M. Waghode</p> <p>PRINCIPAL J.P.M.'S Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune-412207</p>			
एकुण			200/-

अक्षरी रुपये _____

Thank You!

चंद्र नर्सरी करिता

IETE Project Competition

IETE - National level project competition under
AICTE-MANTHAN

Date - 26/04/2023

Rose plant - 'Gift'



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Date : 25 / 4 / 20 23

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Pay Mr. / Mrs. mateji super market

a sum of Rs. fifty only

being coconut (honorium)

and debit on felicitation account.

Received the sum of

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Rs. 50/-

Bank _____

Branch _____

Cheque No. _____ Date : 25/4/23

Accountant [Signature]

PRINCIPAL

Principal/Director
Technology & Research
Wagholi, Pune- 412207

Receiver's Signature [Signature]

PRINCIPAL

J.P.M.'S Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune- 412207

IETE project completion.

25/04/23

माताजी सुपर मार्केट
मु.पो. वाघोली, बकोरी फाटा
बी.जे. एस. कॉलेज जवळ (गाडेवस्ती)
ता. हवेली, जि. पुणे-०७, मो.: ९९०४७७८४७७

① नारीयल 2pc → 50/-
Date: - 25/04/23

माताजी सुपर मार्केट
मु.पो. वाघोली, बकोरी फाटा
बी.जे. एस. कॉलेज जवळ (गाडेवस्ती)
ता. हवेली, जि. पुणे-०७, मो.: ९९०४७७८४७७

J S P M Waghole
Invoice No. 287
Date 25/04/23
Time 10:10 PM
By TFW
Name Security

PRINCIPAL

J.S.P.M.'S Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune- 412207

IETE Project completion.

25/04/23.



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

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No. :

Pay Mr. / Mrs. shrisha Gift House

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being consumables

and debit on art + craft account.

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Bank _____

Branch _____

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Rs. 60/-

Accountant **COUNTANT**

Shivarabai Sa

ology & Research

Principal/Director

S.P.M.'S Bhivarabai Sawant Institute of

technology & Research

Wagholi, Pune - 412207

Date 25/4/23
Time 4:30 PM
Wh No BY Hema
Name Vasude

(Security)

Hand

TOTAL 60/-

Signature

Receiver's Signature

IETE project competition.

Ribbon Receipt

ShambhuraJe Bhosale

25/04/23

- * Red Ribbon
 - * ~~Bla~~ Golden Ribbon
- BSIOR - MANTHAN

BILL BOOK				
Shrisha Gift House				
Rakesh : 8888579334 / 9325819063 / 8888194034				
Shop No 16/17 Vithal Complex, Opp. Saraswat Bank, Bakori Road, ... 12207				
M/s. <u>ShambhuraJe Bhosale</u>		No. <u>1909</u>		
		Date : <u>25/4/23</u>		
Sr. No	Particulars	Qty.	Rate	Amount
1	Ribbon * Red * Golden	2	60/-	60/-
<p>J S P M Waghore</p> <p>Inward No. <u>279</u></p> <p>Date <u>25/4/2023</u></p> <p>Time <u>4:30 pm</u></p> <p>Gen No <u>...</u></p> <p>Name <u>...</u></p> <p>(Security) <u>...</u></p>				
			TOTAL	60/-
Signature				

IETE project competition.



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Rs. 380/-

Date : 25/4/2023

No. :

Pay Mr. / Mrs. chandra nursery

a sum of Rs. three hundred and eighty only

being plants for (honorium)

and debit on stationary account.

Received the sum of

Paid by cash / cheque on _____

Rs. 380/-

Bank _____

Branch _____

Cheque No. _____ Date : _____


Accountant

Bhivarabai Sawant Institute of Technology & Research
Wagholi, Pune-412207



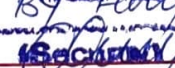

Principal/Director

JSPM'S Bhivarabai Sawant Institute of Technology & Research
Wagholi, Pune-412207

Receiver's Signature

 PRINCIPAL JSPM'S Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune-412207			
JSPM Wagholi Inward No. <u>25/4/23</u> Date <u>25/4/23</u> Time <u>10:30 AM</u> Vch No. <u>By hand</u> Name <u>Bhivarabai</u>			
		एकुण	380
अक्षरी रुपये <u>three hundred eighty</u> <u>only</u>			
Thank You!		चंद्र नर्सरी करिता	

Plants Receipt
* Rose plants for facilitation of guest of
IETE National Level Project Competition
(Under BSIOTR MANTHAN)

		॥ ॐ नमः शिवाय ॥		8825170824 7028169354	
चंद्र नर्सरी					
पता : लॅक्सीकॉन स्कूल जवळ, पुणे नगर रोड, वाघोली, पुणे-४१२२०७					
प्रती, JSPM'S BSIOTR			बिल नं.: 020		
			दिनांक : 25/04/2023		
अ.क्र.	तपशील	नग	रुपये		
1	Small plants	10	300		
2	Rose plants	2	80		
 PRINCIPAL JSPM'S Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune- 412207 J S P M Wagholi Inward No. 25/4/23 Date 25/4/23 Time 10:30 AM for NO BSIOTR Name  (Section In-charge)		एकुण	380		
अक्षरी रुपये		three hundred eighty			
Thank You!		 चंद्र नर्सरी करिता			



JAYAWANT SHIKSHAN PRASARAK MANDAL's

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Date : 25 / 4 / 2023

No. :

Rs. 2701-

Pay Mr. / Mrs. santosh Ready made

a sum of Rs. Two hundred and seventy only

being Honorarium Expenses

and debit on felicitation account.

Received the sum of

Paid by cash / cheque on _____

Rs. 2701-

Bank _____

Branch _____

Cheque No. _____ Date : 25/4/23

Accountant [Signature]

Principal [Signature]
Principal/Director

Receiver's Signature [Signature]

GSTIN : 27BDNPS4465E1Z4

Total

2701-

लग्न चक्रवर्त्याचे भव्य दालन

IETE project competition

25/04/23.

Page 1

॥ Shree Mahaviray Namah: ॥

Santosh
Ready made

Maximum Range,
Minimum Rate

Kesnand Phata, Nagar Rd, Wagholi Dist. Pune - 412 207 Mob : 9422288926

Name : ॥ श्री ॥ No. 808
Date 25/04/23

Sr.No.	Description	Qty	Rate	Amount
	शाळ	2	115	230
	फोर वेज	8	5	40
	कापडी			
Total				270

GSTIN : 27BDNPS4465E1Z4

PRINCIPAL
Santosh Sawant Institute of
Technology & Research
Wagholi, Pune - 412 207

लक्ष्मणराव भव्य दालन

IETE project competition
25/04/23.



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Date : 25/4/2023

No. :

Rs. 60/-

Pay Mr. / Mrs. Hinglaj

a sum of Rs. sixty only

being consumables Expense

and debit on stationary account.

Paid by cash / cheque on _____

Bank _____

Branch _____

Cheque No. _____ Date : 25/4/23

Received the sum of

Rs. 60/-

Receiver's Signature

Accountant
Bhivarabai Sawant Institute of Technology & Research
Wagholi, Pune-412207

Principal
J.P.M.'S Bhivarabai Sawant Institute of Technology & Research
Wagholi, Pune-412207

Rs. in Words :	TOTAL	60
Received by	Hinglaj Stationary & Gift Articles	

Stationary

IFETE Project competition 26/04/2023
file folder grossery.



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Rs. 160/-

Pay Mr. / Mrs. chandra Nursery

a sum of Rs. one hundred and sixty only

being plants (honorarium)

and debit on felicitation.

Paid by cash / cheque on _____ account.

Bank _____

Branch _____

Cheque No. _____

Date : 25/4/23

Date : 25 / 4 / 2023

No. :

Received the sum of

Rs. 160/-

ACCOUNTANT

PRINCIPAL

Principal/Director

J.S.P.M.'s Shikshan Prasarak Mandal
Research Technology & Research
Wagholi, Pune- 412207

Receiver's Signature

अक्षरी रूपये one hundred sixty only.

Thank You!

चंद्र नर्सरी करिता

Project Competitions
IETE - National Level
Project competition
Under AICTE-MANTHAN,
Date: 26/06/2023
'Rose-plow-Gift'

JS

Gift paper

Shrisha Gift House				
Rakesh : 8888579334 / 9325819063 / 8888194034				
Shop No 16/17 Vithal Complex, Opp. Saraswat Bank, Bakori Road, Wagholi, Pune- 412207				
M/s. JSPM'S BSTOTR			No.	1905
Date :				
Sr. No.	Particulars	Qty.	Rate	Amount
1	Gift paper	5	10	50/-
J & P M Wagholi				
Inward No. 276/4				
Date 25/4/23				
Time 03:20 PM				
By Talwar				
TOTAL			50/-	



चंद्र नर्सरी

॥ ॐ नमः शिवाय ॥

8825170824

7028169354

पता : लॅक्सीकॉन स्कूल जवळ, पुणे नगर रोड, वाघोली, पुणे-४१२२०७

प्रती,

JSPM'S BSTOTR

बिल नं.: 021

दिनांक : २५/०४/२३

अ.क्र.	तपशील	नग	रुपये
1	Rose plant	1	40/-
2	Kundi	3	120/-
		एकुण	160/-

J S P M Waghori
Inward No. 275/4
Date 25/4/23
Time 03:00 pm
Jen No
Name BY [Signature]

PRINCIPAL
JSPM'S Bhavarabai Savant Institute of
Technology & Research
Waghori, Pune-412207

अक्षरी रुपये one hundred sixty only.

Thank You!

चंद्र नर्सरी करिता

Project Competitions
IETE - National Level
Project competitions
Under AICTE-MANTHAN,
Date: 26/04/2023
'Rose-plant-Gift'

JS

Gift paper

Shrisha Gift House
Rakesh : 8888579334 / 9325819063 / 8888194034
Shop No 16/17 Vithal Complex, Opp. Saraswat Bank, Bakori Road, Waghori, Pune-412207

M/S. JSPM'S BSTOTR No. 1905
Date: 25/4/23

Sr. No.	Particulars	Qty.	Rate	Amount
1	Gift paper	5	10	50/-
TOTAL				50/-

J S P M Waghori
Inward No. 275/4
Date 25/4/23
Time 03:00 pm
Jen No
Name BY [Signature]

[Signature]



JAYAWANT SHIKSHAN PRASARAK MANDAL's

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Rs. 90/-

Date : 26/4/2023

No. :

Pay Mr. / Mrs. Hinglaj

a sum of Rs. Nightty only

being consumables Expenses

and debit on stationary account.

Paid by cash / cheque on _____

Bank _____

Branch _____

Cheque No. _____ Date : 26/4/23

Received the sum of

Rs. 90/-

Accountant

Shivabai Sawant Institute of Technology & Research

PRINCIPAL

Principal/Director

Shivabai Sawant Institute of Technology & Research
Wagholi, Pune- 412207

Receiver's Signature

J S P M Wagholi				
Inward No. <u>293/24</u>				
Date <u>26/4/23</u>				
Time <u>09:05 AM</u>				
Veh No _____				
Name <u>By Hinglaj</u>				
(Signature)				
Rs. in words : _____		TOTAL	<u>90</u>	
Received by _____		For HINGLAJ STATIONARY & GIFT ARTICLES		

Stationary

IETE project competition.

26/04/2023

CASH MEMO

HINGLAJ

**Stationers & Gift Articles, Office & College Stationery, Engineering
Art & Drawing Material, Cleaning Material**

Near JSPM.College Canteen, Wagholi, Tal. Haveli, Dist. Pune - 412207

E-mail : rajeshpatell1991@gmail.com | Mob.9730206418 , 8421934774

M/s. _____

Sr. No. 1714

Date : 26/4/23

[illegible]

Rs. in words :

TOTAL

90

Received by

For HINGLAJ STATIONARY & GIFT ARTICLES

Stationary

IETE project competition.

25/04/2023



Report on

One Week Online Guest Lecture Series “SHODHSARITA”

On

“Recent Trends in Mobile Computing with Real Time Approach”

(Under the aegis of “IETE Pune Centre” and “IEEE Communication Society Pune

Chair”)

at

Department of Electronics and Telecommunication Engineering
Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune



Name of The Programme	One Week Online Guest Lecture Series “SHODHSARITA” On “Recent Trends in Mobile Computing with Real Time Approach” Under the aegis of “IETE Pune Centre” and “IEEE Communication Society Pune Chair”
Date	27 th March 2023 to 1 st April 2023
Mode	Online
Organizer	Department of Electronics and Telecommunication Engineering of Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune
Programme Convenor	Dr. Y. S. Angal, HOD (E&TC)
Programme Co-Ordinator	Asst. Prof. S. V. Malge (E&TC) Asst. Prof. P. V. Gawade (E&TC) Asst. Prof J. Y. Suryawanshi (E&TC)
Participants	39 Participants

The One Week Online Guest Lecture Series “SHODHSARITA” aims to provide opportunities to students to enrich their skill and research in the field of Mobile Computing. The Programme also intends to develop the knowledge of students in the relevant field for inculcating learning values in students. The One Week Online Guest Lecture Series “SHODHSARITA” was attended by 39 students of Electronics and Telecommunication department.

Objective:

Sr. No.	Objective
1	This Guest Lecture Series provides a platform to learn Wireless technologies and planning Ad-hoc Network.
2	An ability to study the basics of wireless, cellular technology and the working of Mobile IP, ad hoc network, features of mobile operating systems.
3	An ability to understand the use of M-Commerce application

Inaugural Session:

Inaugural Session	
Date	27th March 2023
Time	1:45 PM

The esteemed personalities present on the inauguration of the Programme:

Dr. V.V. Shete	Chairman, IETE, Pune Centre	Chief Guest
Dr. M. M. Jadhav	Chair, IEEE Communication Society, Pune Chapter	Chief Guest
Dr. T.K. Nagaraj	Principal, BSIOTR	Host
Dr. Y. S. Angal	HOD(E&TC), BSIOTR	Host

In welcome speech, Hon. Principal Dr. T. K. Nagaraj shared his views with the students' participants that if students want to develop themselves, then attending such Guest Lecture Series would enhance their skills of learning concepts practically. Sir further shared that it helps to improve the performance of students in mobile computing and highlighted the importance and objectives of organizing One Week Online Guest Lecture Series "SHODHSARITA". He briefed the participants about the subjects chosen for the Guest Lecture Series and highlighted the reasons and importance of the same. In the inaugural speech, Hon. Dr. V.V. Shete shared his views on student development. He further added that this Programme will provide special benefits to students. The inauguration Programme ended with vote of thanks by Mrs. Jayshree Suryawanshi.

Recording... You are viewing JSPM's BSIOTR FDP's screen View Options

JAYAWANT SHIKSHAN PRASARAK MANDAL'S (JSPM's)
BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI PUNE-412207 (BSIOTR)
(Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University)
Accredited NBA & NAAC
IEEE ComSoc
Department of Electronics and Telecommunication Engineering
is Organizing one Week FDP (Online) In Association with IETE Pune Center & IEEE Communication Society Pune Chapter

On
"Recent Trends In Mobile Computing With Real Time Approach"
Duration: 27/03/2023 to 1/04/2023
Inauguration Function
In Auspicious Presence of

Dr. T.K.Nagaraj
Principal, JSPM's BSIOTR Pune.

Dr. Makarand M. Jadhav
Chapter Chair, IEEE Communication Society, Pune Center

Dr. V.V.Shete
Chairman, IETE Pune Center

Dr. Y.S. Angal (FDP Convener, HOD E&TC, BSIOTR), Contact: 7057150817

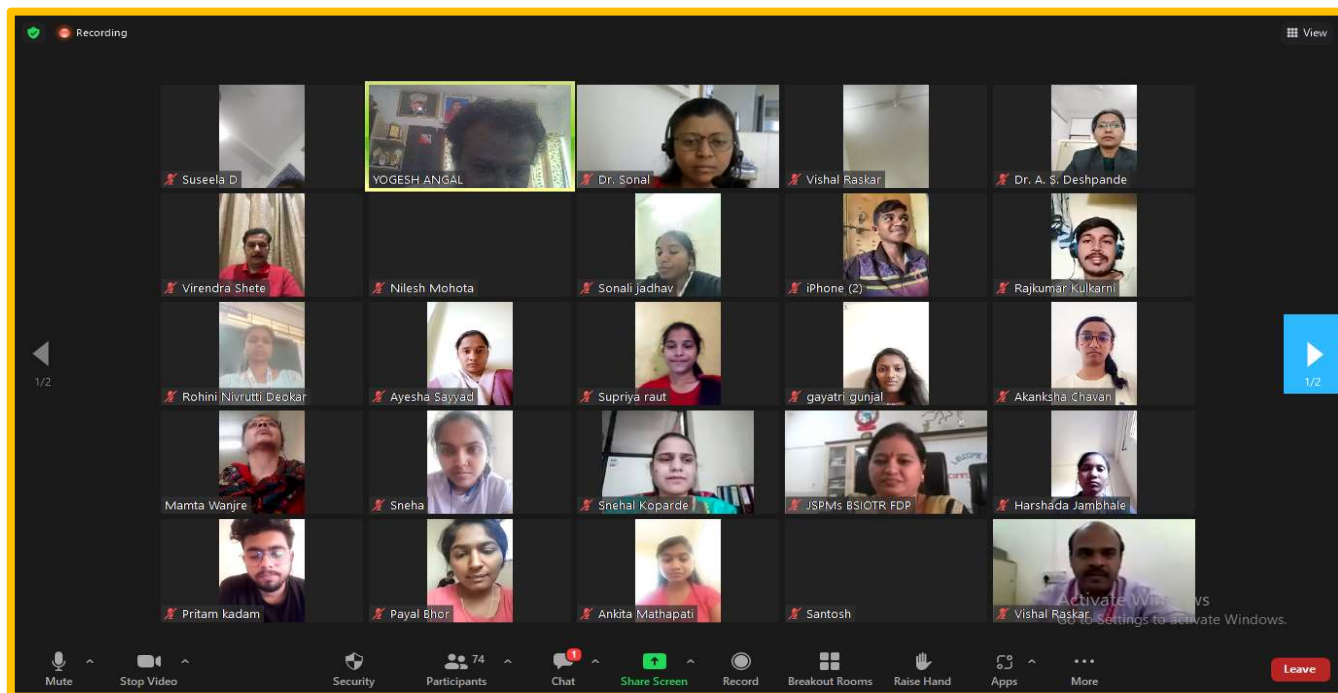
Participants: 59

Unmute Start Video Security Participants Chat Share Screen Pause/Stop Recording Breakout Rooms Raise Hand Apps More Leave

Participants in the meeting:

- NAGARAJ TIMALAPUR
- Poonam Gawade
- Virendra Shete
- YOGESH ANGAL
- JSPM's BSIOTR FDP
- Suseela D

Inaugural Session of the Guest Lecture Series with Dr. V.V. Shete Chairman, IETE, Pune Centre and Dr. M. M. Jadhav Chair, IEEE Communication Society, Pune Chapter.



Date	27th March 2023 (Day One)
Session	One
Topic	Basic of Mobile Computing
Resource Person	Dr S. K. Jagtap Professor and HOD(E&TC), SKNCOE, Pune
Time	2:00 PM To 3:30 PM

Zoom Meeting

Recording...

- Service Mobility:**
 - User should be able to move from one service to another.
 - Example could be a user is writing a mail. To complete the mail user needs to refer to some other information. In a desktop PC, user simply opens another service (browser) and moves between them using the task bar. User should be able to switch amongst services in small footprint wireless devices like in the desktop.
- Host Mobility:**
 - The user device can be either a client or server.
 - When it is a server or host, some of the complexities change.
 - In case of host mobility the mobility of IP needs to be taken care of.

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGG 11

Dr. Sonal

30°C Sunny

Q Search

ENG IN

02:33 PM 27-03-2023

Traffic Telematics Systems

Main Office Content Provider

Internet

ATM

GSM, RDS/TMC, DAB

GSM

Beam Radio, ISDN

Radio/Infrared

Infrastructure

DAB: Digital Audio Broadcast

RDS/TMC: Radio Data System/Traffic Message Channel

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGG

Dr S. K. Jagtap Professor and HOD E&TC), SKNCOE, Pune has delivered an interactive lecture on “Basic of Mobile Computing”. In this session participants were learned the Applications of Mobile Computing- Generations of Mobile Communication Technologies, Multiplexing: Spread spectrum, MAC Protocols: SDMA, TDMA, FDMA, and CDMA.

Date	27th March 2023 (Day One)
Session	Two
Topic	Introduction to 5G & Recent trends in Telecommunication Industries
Resource Person	Dr. Anuradha S. Deshpande Professor, E&TC, JSPM's ICOER Wagholi, Pune
Time	3:30 PM To 5:00 PM

JSPM's Bhivarabai Sawant Institute of Technology & Research, Wagholi

Faculty Development Program

Recent Trends in Mobile Computing with Real Time Approach

in Association with IETE & IEEE Communication Society

[27th March to 1st April 2023]

Dr. A. S. Deshpande

Recording...

Key Enabling Technologies for 5G

Device Centric Architecture

- Device-centric architecture is an important aspect for fifth generation (5G) networks.
- The current cellular systems are base station-centric where the base-station (BS) is responsible for resource allocation. The BS allocates resources to users based on their channel state information (CSI) and feedback. This resource allocation process increases load at the BS side resulting in more time consumption. This decreases the overall network throughput and increases delay in resource allocation.
- Therefore, a device-centric resource allocation scheme is proposed for D2D users. In this scheme, interested D2D pairs can allocate the resource to themselves.

27

Dr. A. S. Deshpande

3/27/2023

JSPMs BSIOTR F...

JSPMs BSIOTR FDP

Poonam Gawade

Poonam Gawade

Suseela D

Suseela D

Dr. A. S. Deshpande

Harshada Jamb...

Harshada Jambhale

Jyoti Bandal

Jyoti Bandal

An informative lecture on “Introduction to 5G & Recent trends in Telecommunication Industries” was discussed by Dr. Anuradha S. Deshpande Professor, E&TC, JSPM’s ICOER Wagholi, Pune. In this session participants were learned the Introduction of 5G, 5G –Architecture, Key Enabling Technologies for 5G and Recent trends in Telecommunication Industries.

Date	28th March 2023 (Day Two)
Session	One
Topic	Ad-Hoc Networking
Resource Person	Dr. Araddhana A. Deshmukh Head& Associate Professor, AI & DS Department, MMCOE, Pune
Time	2:00 PM To 5:00 PM

Recording

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View Options

View

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(Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University)
Accredited NBA & NAAC
Department of Electronics and Telecommunication Engineering
is Organizing one Week FDP(Online) In Association with IETE Pune Center & IEEE Communication Society Pune Chapter
On

IEEE ComSoc
IEEE Communications Society Pune Section Chapter

IETE
Indian Telecommunication Engineering

"Recent Trends In Mobile Computing With Real Time Approach"

Dr. Prof. T.J.Sawant
Founder Secretary, JSPM Pune

Dr. Araddhana A. Deshmukh
Head & Professor, AI & DS Department MMCOE Pune.
Topic: Ad-Hoc Networking

Hon. Shri. Rushiraj T. Sawant
Director, JSPM Group of Institutes, Pune

Date: 28 March 2023 Day: 2
Timings: 2pm to 5pm

Dr. Y.S. Angal (FDP Convener, HOD E&TC, BSIOTR), Contact: 7057150817

YOGESH ANGAL

YOGESH ANGAL

Dr. Araddhana Deshmukh

Poonam Gawade

Poonam Gawade

JSPMs BSIOTR FDP

harsha bhamare

harsha bhamare

Dr. Priyanka Singh

Trupti Pawase

Trupti Pawase

Anuradha Pandit

Suseela D

Suseela D

Sukruti Taori

Vipin Vihute

Vipin Vihute

Malge S V

Unmute

Start Video

Participants 45

Chat

Share Screen

Record

Raise Hand

Apps

Leave

Improved Throughput with Increased Mobility

- **Low speed:** (Route from A to D is broken for ~1.5 seconds)
 - When TCP sender times after 1 second, route still broken.
 - TCP times out after another 2 seconds, and **only then resumes**
- **High speed:** (Route from A to D is broken for ~0.75 seconds)
 - When TCP sender times out after 1 second, route is repaired
- TCP timeout interval somewhat (not entirely) independent of speed
- Network state at higher speed may sometimes be more favorable than lower speed

JSPMs BSIOTR F...

JSPMs BSIOTR FDP

Poonam Gawade

Poonam Gawade

Pooja Ramesh S...

Pooja Ramesh Sarode

YOGESH ANGAL

YOGESH ANGAL

Dr. Araddhana...

Dr. Araddhana Deshmukh

Bhausaheb Shin...

Bhausaheb Shinde_20...

Dr. Araddhana A. Deshmukh Head& Associate Professor, AI & DS Department, MMCOE, Pune has delivered an informative lecture on “Ad-Hoc Networking”. In this session participants were taught Mobile IP, DHCP, AdHoc, Proactive protocol-DSDV, Reactive Routing Protocols: DSR, AODV, Hybrid routing: ZRP, Multicast Routing: ODMRP, Vehicular Ad Hoc networks VANET, MANET Vs VANET: Security

Date	29th March 2023 (Day Three)
Session	One
Topic	Mobile IP and Transport Layer
Resource Person	Dr. Vijay M. Birari Professor and HOD(E&TC) NDMVP KBTCOE, Nashik.
Time	2:00 PM To 5:00 PM

JAYAWANT SHIKSHAN PRASARAK MANDAL's (JSPM's)

BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI PUNE-412207 (BSIOTR)

(Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University)

Accredited NBA & NAAC

Department of Electronics and Telecommunication Engineering

is Organizing one Week FDP(Online) In Association with IETE Pune Center & IEEE Communication Society Pune Chapter On

“Recent Trends In Mobile Computing With Real Time Approach”

Date: 29 March 2023 Day: 3
Timings: 2pm to 5pm

Resource Person for Session

Dr. Vijay M. Birari
Professor and HOD(E&TC),
NDMVP KBTCOE, Nashik

Topic: Mobile IP and Transport Layer

Hon. Shri. Rushiraj T. Sawant
Director, JSPM Group of
Institutes, Pune

JSPMs BSIOTR FDP

Poonam Gawade

Poonam Gawade

Prof. Nakul Gade

Prof. Nakul Gade

YOGESH ANGAL

Dr Vijay Birari

Dr Vijay Birari

Redmi Note 7 Pro

Dr. Y. S. Angal (FDP Convener, HOD E&TC, BSIOTR), Contact: 7057150817

6

Recording... You are viewing Dr Vijay Birari's screen View Options

Overview of Traditional TCP

122

Figure 9.2
Socket and state migration after handover of a mobile host

Dr. V. M. Birari 3/29/2023

Unmute Start Video Security Participants 49 Chat Share Screen Pause/Stop Recording Breakout Rooms Raise Hand Apps More Leave

Dr Vijay Birari
Poonam Gawade
Pooja Kolhe
Vibha Upadhyay
Mahesh Kamble
Mugdha Tamhan

Dr. Vijay M. Birari Professor and HOD(E&TC) NDMVP KBTCOE, Nashik, has illuminated on “Mobile IP and Transport Layer”. In this session participants were gained with the knowledge of the on Mobile IP: Need of mobile IP, IP packet delivery, Agent Discovery, Registration, Tunnelling and encapsulation, Route optimization, IP Handoff. Transport Layer: Overview of Traditional TCP and implications of mobility control. Improvement of TCP: Indirect TCP, Snoop TCP, Mobile TCP, Fast Retransmit/fast recovery, Time-out freezing, Selective retransmission, Transaction-oriented TCP.

Date	30th March 2023 (Day Four)
Session	One
Topic	Mobile System
Resource Person	Dr. R. R. Itkarkar Professor, AISSMS COE, Pune.
Time	11:00 AM To 1:00 PM

Zoom Meeting You are viewing JSPM's BSIOTR's screen View Options

JAYAWANT SHIKSHAN PRASARAK MANDAL'S (JSPM's)

BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI PUNE-412207 (BSIOTR)
(Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University)
Accredited NBA & NAAC

Department of Electronics and Telecommunication Engineering
is Organizing one Week FDP(Online) In Association with
IETE Pune Center & IEEE Communication Society Pune Chapter
On

“Recent Trends In Mobile Computing With Real Time Approach”

Date: 30 March 2023 Day: 4 Session: I
Timings: 11am to 1pm

Resource Person for Session-I

Dr.R.R.Itkarkar
Professor, E&TC Dept.
AISSMS COE, Pune
Topic: Mobile System

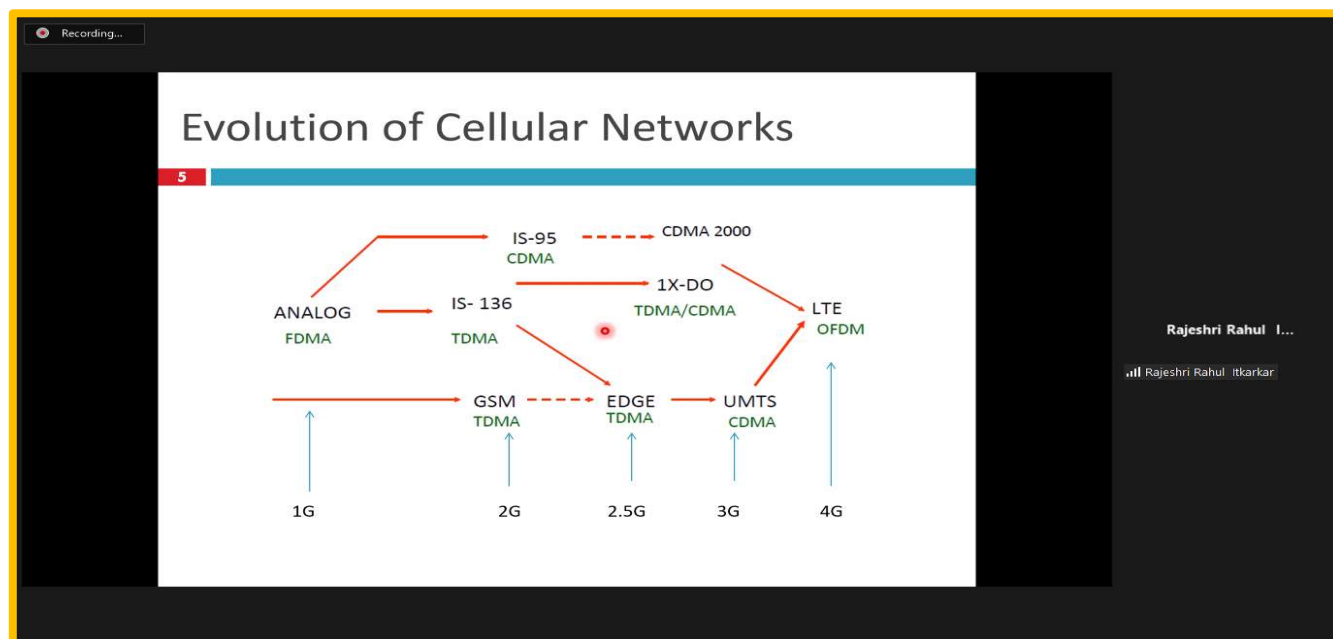
Dr. Y.S. Angal (FDP Convener, HOD E&TC, BSIOTR), Contact: 7057150817

Dr. Prof. T.J.Sawant
Founder Secretary,
JSPM Pune

Hon. Shri. Rushiraj T. Sawant
Director, JSPM Group of
Institutes, Pune

JSPM's BSIOTR FDP
Poonam Gawade
YOGESH ANGAL
Rajeshri Rahul Itkarkar
Ashvini Kale

Unmute Start Video Security Participants 31 Chat Share Screen Pause/Stop Recording Breakout Rooms Raise Hand Apps More Leave



Dr. R. R. Itkarkar Professor, AISSMS COE, Pune has discussed on “Mobile System”. In this session she gave insightful talk on Mobile Systems. Her presentation was both informative and engaging, and participants learned a lot from her expertise on the topic. Participants were gained with the knowledge of the on Introduction to Cellular Systems, GSM architecture, Protocols, Connection Establishment, Frequency Allocation, Routing, Mobility Management, Security, GPRS and UMTS: Architecture, Handover, Security. Introduction to 5G: Introduction, 5G network architecture, Applications, 5G enable technologies, Recent trends in Telecommunication Industries.

Date	30th March 2023 (Day Four)
Session	Two
Topic	Fading Channels
Resource Person	Dr. Gitimayee Sahu Sr.Manager, JIO Platforms Ltd, Mumbai
Time	2:00 PM To 5:00 PM

JAYAWANT SHIKSHAN PRASARAK MANDAL's (JSPM's)


BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI PUNE-412207 (BSIOTR)

(Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University)
Accredited NBA & NAAC

Department of Electronics and Telecommunication Engineering
is Organizing one Week FDP(Online) In Association with
IETE Pune Center & IEEE Communication Society Pune Chapter
On


“Recent Trends In Mobile Computing With Real Time Approach”

Date: 30 March 2023 Day: 4 Session: II
Timings: 2pm to 5pm




Dr. Prof. T.J.Sawant
Founder Secretary,
JSPM Pune

Resource Person for Session-II



Dr. Gitimayee Sahu
Sr.Manager,
JIO Platforms Ltd,
Mumbai

Topic: Fading Channels



Hon. Shri. Rushiraj T. Sawant
Director, JSPM Group of
Institutes, Pune

Dr. Y.S. Angal (FDP Convener, HOD E&TC, BSIOTR), Contact: 7057150817

Prem Kumar Patel

Prem Kumar Patel

Sushil Thakare

Sushil Thakare

aniket kunjaj

aniket kunjaj

Dr. Gitimayee Sa...

Dr. Gitimayee Sahu

YOGESH

YOGESH

mamta koban

mamta koban

Activate Windows
Go to Settings to activate Windows.

Recording...

PowerPoint Presentation 2 / 90 81%

5G NR Vs LTE (Similarities & Difference)

What is Similar to LTE?	What is Different from LTE?
<ul style="list-style-type: none"> . OFDM & OFDMA . DFT SC-OFDM for UL . Most Physical Channels . NR procedure- <ul style="list-style-type: none"> -System Acquisition -RACH -Power Control . Carrier Aggregation 	<ul style="list-style-type: none"> . NSA(Non-Standalone) Architecture & EN-DN . CP-OFDM in UL . Flexible SCS(Subcarrier Spacing) & Slot . Wider Channel BW & New Freq Band(mmW spectrum) . Beam Management, Multibeam operation/Beam Sweeping . Physical Channel Changes- <ul style="list-style-type: none"> -New Channels- PTRS, TRS -Removal of PHICH & PCFICH . UL sharing and supplementary uplink.

Dr. Gitimayee Sahu has started screen sharing

Dr. Gitimayee Sahu

Activate Windows
Go to Settings to activate Windows.

Dr. Gitimayee Sahu Sr.Manager, JIO Platforms Ltd, Mumbai has focused on “Fading Channels”. In this session participants were familiar with Rayleigh Fading and Statistical Characterization, Properties of Rayleigh Distribution, BER in Fading, Narrowband vs Wideband Channels, Characterization of Multipath Fading Channels, Choice of Modulation, Coherent versus Differential Detection, BER in Fading, Ricean Fading.

Date	31st March 2023 (Day Five)
Session	One
Topic	Computational Intelligence in Mobile Computing
Resource Person	Dr. Vandana M. Rohokale Prof & HOD(E&TC), SIT's, Narhe, Pune
Time	2:00 PM To 4:00 PM

Recording...

JAYAWANT SHIKSHAN PRASARAK MANDAL'S (JSPM's)

BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI PUNE-412207 (BSIOTR)
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Department of Electronics and Telecommunication Engineering
is Organizing one Week FDP (Online) In Association with
IETE Pune Center & IEEE Communication Society Pune Chapter
On

“Recent Trends In Mobile Computing With Real Time Approach”

Date: 31 March 2023 Day: 5
Timings: 2pm to 4pm

Resource Person for Session

Dr. Vandana Rohokale
Prof & HOD(E&TC),
SIT's, Narhe, Pune

Topic: Computational Intelligence in Mobile Computing

Dr. Prof. T.J.Sawant
Founder Secretary,
JSPM Pune

Hon. Shri. Rushiraj T. Sawant
Director, JSPM Group of
Institutes, Pune

Dr. Y.S. Angal (FDP Convener, HOD E&TC, BSIOTR), Contact: 7057150817

YOGESH ANGAL

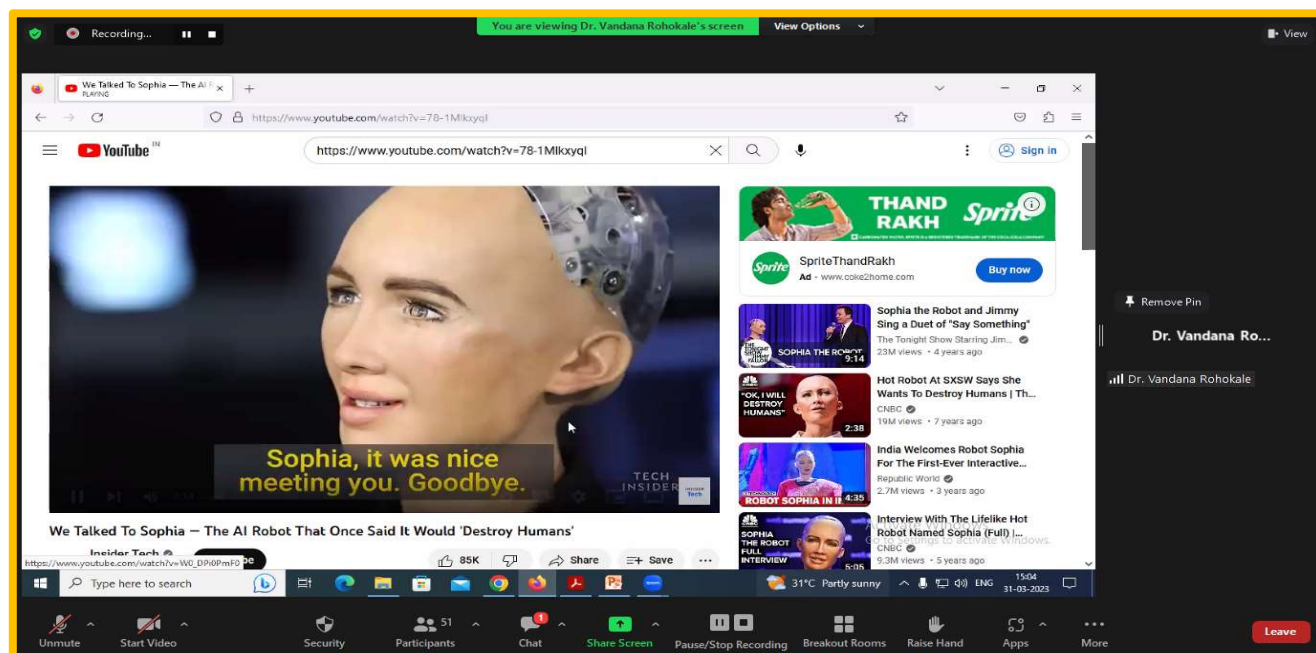
Poonam Gawade

Manisha Rajput

sonali

Dr. Vandana Rohokale

JSPMs BSIOTR FDP



Dr. Vandana M. Rohokale Prof & HOD(E&TC), SIT's, Narhe, Pune has explained “Computational Intelligence in Mobile Computing”. In this session participants realized the significance of Recent Trends in Mobile Computing, CI vs AI, principles Computational Intelligence, AI & ML, Deep learning, Uses of Computational Intelligence, Deep Learning Approach for Interference Mitigation in MIMO-FBMC/OQAM Systems.

Date	1st April 2023 (Day Six)
Session	One
Topic	Operating System & Applications of Mobile Computing
Resource Person	Dr. Makarand M Jadhav Prof & HOD(E&TC), NBN STC, Pune
Time	9:00 AM To 11:00 AM

Feature	Android	iOS	Windows 10	BlackBerry 10
Company	Google	Apple Inc.	Microsoft	BlackBerry Ltd.
License	Free and open-source	Proprietary except for open source components	Proprietary, Commercial Software	Proprietary
OS family	Linux	Darwin	Microsoft Windows	QNX
Supported CPU Architecture	ARM	64-bit ARMv8-A	32-bit ARMv7-A and 32-bit ARMv8-A	ARM
Programed in	C, C++, Java, Kotlin	C, C++, Objective-C, Swift	.NET, C#	C/ C++
Current version				

Design Issues in Mobile O.S

Power Management : Here, Device power management and Processor power management need to be considered.

Battery Management : Mobile OS collects the information about the state of the batteries of the device and inform the user. In case of abnormal consumption or battery discharge due to some application/game, O.S must perform an emergency shutdown keeping the data loss at minimum level.

Thermal Management : As the mobile devices operate with the batteries, Heat Dissipation is also a challenge. It is one of the functions' of the Mobile OS to manage and reduce the power consumption of the devices.

Memory Management : Mobile OS should consume less space in RAM. The designing of structure of Mobile O.S also may help in reducing the memory size and reduce memory outflows. Efficient memory management techniques need to be adopted while designing the mobile OS.

Scheduling : The Mobile OS may adopt the pre-emptive scheduling mechanism. The interrupt latency and dispatch latency must be minimized in mobile OS.

File System : Flash file systems are used in mobile devices. They offer a fast-read access. The file system should adopt the memory management techniques that minimize the fragmentation problem, caching techniques and intelligent re-claim techniques.

Security : Mobile devices also may get infected with worms, Trojan horses or viruses wherein compromising the user's security and privacy. As all the mobile devices are prone to attacks any time, it is therefore the major function of the Mobile OS to provide security mechanisms to address all the security issues.

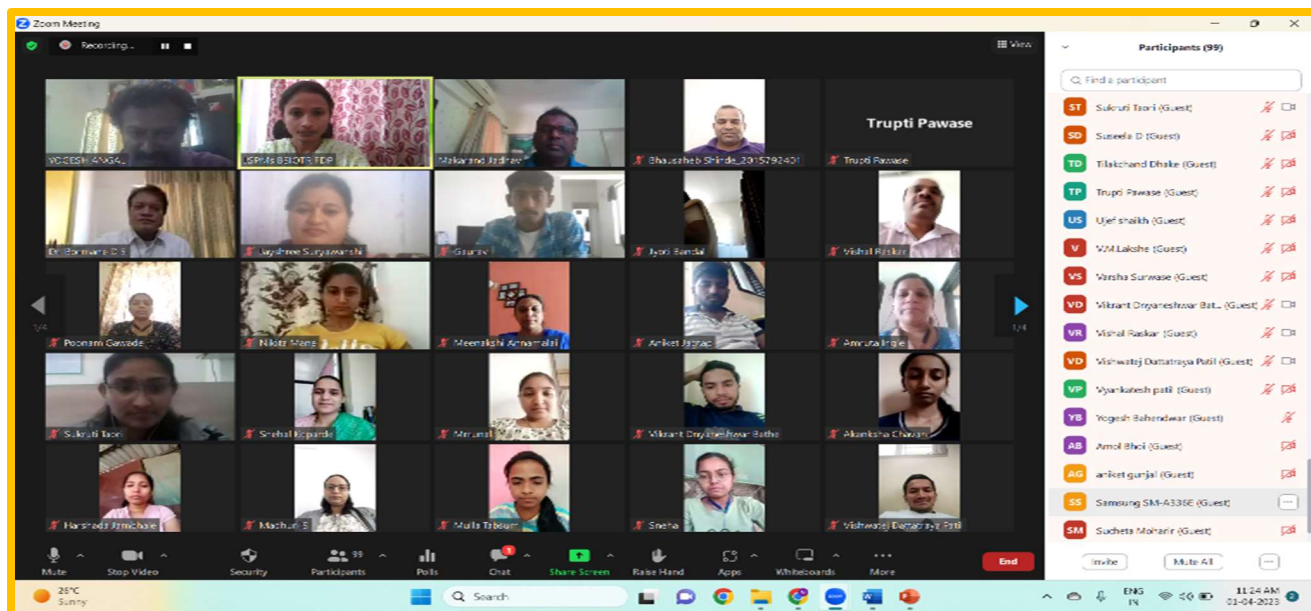
A discussion on “Operating System & Applications of Mobile Computing” was delivered by Dr. Makarand M Jadhav Prof & HOD(E&TC), NBN STC, Pune. In this session participants got the knowledge about Operating System: A Few Basic Concepts, Special Constraints and Requirements of Mobile OS, A Survey of Commercial Mobile Operating Systems, Windows Mobile, Applications: M-Commerce, Business to Consumer (B2C) Applications, Business to Business (B2B) Applications. Structure of M-Commerce, Pros and Cons of M-Commerce, Mobile Payment System, Mobile Payment Schemes, Desirable properties of a Mobile Payment system, Mobile Payment solutions, Process of Mobile Payment, Security Issues.

Valedictory Session:

Valedictory Session	
Date	1 April 2023
Time	11:00 AM

The esteemed personalities present on the Valedictory of the Programme:

Dr. D. S. Bormane	Member, Governing Council, IETE, New Delhi	Chief Guest
Dr. M. M. Jadhav	Chair, IEEE Communication Society, Pune Chapter	Chief Guest
Dr. T.K. Nagaraj	Principal, BSIOTR	Host
Dr. Y. S. Angal	HOD(E&TC), BSIOTR	Host



Valedictory Session of the Guest Lecture Series with Dr. D. S. Bormane Member, Governing Council, IETE, New Delhi and Dr. M. M. Jadhav Chair, IEEE Communication Society, Pune Chapter.



All the personalities appreciated the department for organizing the One Week Online Guest Lecture Series “SHODHSARITA”. The program was ended with vote of thanks by Mrs. Suchipriya Malge, Asst. Prof., Electronics & Telecommunication Dept., JSPM’S BSIOTR & Coordinator of the One Week Online Guest Lecture Series “SHODHSARITA”. The One Week Online Guest Lecture Series “SHODHSARITA” received a lot of positive feedback from students. There were 39 enthusiastic participants in total, who took part in the 6-day online One Week Online Guest Lecture Series “SHODHSARITA”. Each session was of Minimum 90 minutes & Maximum 180 minutes and included open questions, answer session. Zoom meeting was the platform used for each session links (Zoom Meeting <https://us02web.zoom.us/j/83443301126?pwd=c1V6eWdDUU9BcDVLmWVjZHI5YU5xUT09>); feedback links were shared, MCQ Test was conducted at the end of One Week Online Guest Lecture Series “SHODHSARITA”. The registered participants were engaged in a special WhatsApp group. The recordings are being uploaded on the Google Drive. (https://drive.google.com/drive/folders/1E0-QfZB-is5pqj51jJKe4m85nnD7FebA?usp=share_link). 39 E-certificates were awarded to all registered participants by sharing Google Drive Link. The One Week Online Guest Lecture Series

“SHODHSARITA” was concluded on the tanks giving note to the Chief Guest, Management, Campus Director, Principal, Deans and all the Participants.

Sample Certificate:








Outcome:

All the sessions were very much informative. The discussed areas are of great benefit for the participants as the topics match with the current working domain. Participants were enlightened with the most widely used advance technologies in this domain. This in turn will help in research activity.

Sr. No.	Outcome	PO	PSO
1	Understand concepts of Mobile Communication.	PO1	PSO1
2	Analyze next generation Mobile Communication System	PO2	PSO2
3	Understand network layers of Mobile Communication	PO1	PSO1
4	Understand IP and Transport layers of Mobile Communication	PO1	PSO1
5	Study of different mathematical models	PO2, PO3, PO4, PO5	POS3
6	Understand different mobile applications.	PO11, PO12	PSO3

Sr. No.	Outcome
1	Understand concepts of Mobile Communication.
2	Analyze next generation Mobile Communication System
3	Understand network layers of Mobile Communication
4	Understand IP and Transport layers of Mobile Communication
5	Study of different mathematical models
6	Understand different mobile applications.

Programme Co-Ordinator	Asst. Prof. S. V. Malge (E&TC) BSIOTR	
	Asst. Prof. P. V. Gawade (E&TC) BSIOTR	
	Asst. Prof. J. Y. Suryawanshi (E&TC) BSIOTR	
Programme Convenor	Dr. Y. S. Angal, HOD (E&TC), BSIOTR	 Dr. Y. S. Angal.
Principal	Dr. T. K. Nagaraj, Principal, BSIOTR	

PRINCIPAL
J S.P.M.'S Bhlvarabai Sawant Institute of
Technology & Research
Wagholi, Pune- 412207





Report on Faculty Development Programme On



“Recent Trends in Mobile Computing with Real Time Approach” (Under the aegis of “IETE Pune Centre” and “IEEE Communication Society Pune Chair”)

at

Department of Electronics and Telecommunication Engineering
Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune

Name of The Programme	Faculty Development Programme “Recent Trends in Mobile Computing with Real Time Approach” Under the aegis of “IETE Pune Centre” and “IEEE Communication Society Pune Chair”
Date	27 th March 2023 to 1 st April 2023
Mode	Online
Organizer	Department of Electronics and Telecommunication Engineering of Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune
Programme Convenor	Dr. Y. S. Angal, HOD (E&TC)
Programme Co-Ordinator	Asst. Prof. S. V. Malge (E&TC) Asst. Prof. P. V. Gawade (E&TC) Asst. Prof J. Y. Suryawanshi (E&TC)
Participants	104 Participants

The FDP aims to provide opportunities to faculty members, research scholars and post graduate students to enrich their teaching skill and research in the field of Mobile Computing. The Programme also intends to develop the knowledge of participants in the relevant field for inculcating learning values in students and guiding and monitoring their progress. The FDP was attended by 104 participants from faculty members of Electronics and Telecommunication department, PG students and Research scholar.

FDP Objective:

Sr. No.	FDP Objective
1	This FDP provides a platform to learn Wireless technologies and planning Ad-hoc Network.
2	An ability to study the basics of wireless, cellular technology and the working of Mobile IP, ad hoc network, features of mobile operating systems.
3	An ability to understand the use of M-Commerce application

FDP Brochure:

<p>CHIEF PATRON Hon. Prof. Dr. T. J. Sawant Public Health & Family Welfare Minister, Govt. of Maharashtra, Founder Secretary JSPM & TSSM Group of Institutes, Pune Hon. Shri. Giriraj T. Sawant Secretary, TSSM Group of Institutes Pune Hon. Shri. Rushiraj T. Sawant Director, JSPM Group of Institutes, Pune</p> <p>PATRON Dr. S. V. Admane Campus Director, Wagholi, Pune Dr. T. K. Nagaraj Principal, BSIOTR</p> <p>PROFESSIONAL BODY (ADVISORY COMMITTEE) 1) Dr. D. S. Bormane Member, Governing Council, IETE, New Delhi 2) Dr. Makarand M. Jadhav Chapter Chair, IEEE Communication Society, Pune Chair 3) Dr. V. V. Shete Chairman, IETE Pune Centre 4) Dr. D. G. Bhalke Secretary, IETE Pune Centre</p> <p>CONVENER Dr. Y. S. Angal Prof & Head, Electronics & Telecommunication Engineering, BSIOTR Email: ysangal_entc@jspmbsiotr.edu.in Contact Number: 7057150817</p> <p>COORDINATORS 1) Suchipriya V. Malge Assistant Professor (E&TC) Mobile No. - 9518571164 Email: svmalge_entc@jspmbsiotr.edu.in 2) Poonam V. Gawade Assistant Professor (E&TC) Mobile No. - 9890137095 Email: pvgawade_entc@jspmbsiotr.edu.in</p>	<p>RESOURCE PERSON 1) Dr. Makarand M. Jadhav Prof & Head (E&TC), NBN STIC, Pune 2) Dr. Vijay M. Birari Prof & Head (E&TC), MVP'S, KBT COE, Nashik 3) Dr. Araddhana A. Deshmukh Prof & Head (AI & DS), MMC OE, Pune 4) Dr. S. K. Jagtap Prof & Head (E&TC), SKNCOE, Pune 5) Dr. Anuradha S. Deshpande Professor, (E&TC) JSPM's ICOER, Pune 6) Dr. Vandana Rohokale Prof & Head (E&TC), SITS, Narhe, Pune 7) Dr. Gitimayee Sahu Sr. Manager, Jio Platforms Ltd, Mumbai 8) Dr. R. R. Itkarkar Prof (E&TC), AISSMS COE, Pune</p> <p>REGISTRATION DETAILS • For IETE & IEEE Communication Society :- 100/- • Others :- 200/- For Online Registration: https://forms.gle/DgZGk3RwM7rudCQ38 Whatsapp group link: https://chat.whatsapp.com/JnzHfIINgfiCwtbpd380F Mode of Conduct: Online 2.00 pm to 5.00 pm QR Code for Payment</p> <p>Certificate of Participation will be given to the Registered Participant at the end of FDP After MCQ Test. NOTE: 80% Attendance is Mandatory.</p>	<p>JSPM's Bhivarabai Sawant Institute of Technology & Research, Wagholi Accredited by NBA & NAAC One Week Online Faculty Development Program On "Recent Trends In Mobile Computing With Real Time Approach " (27th March to 1st April 2023) Organized By Department of Electronics & Telecommunication Engineering In Association with "IETE Pune Centre" and "IEEE Communication Society Pune Chair"</p> <p>IEEE ComSoc IEEE Communications Society Pune Chapter Chapter</p> <p>ADDRESS OF INSTITUTE</p> <p>JSPM's Bhivarabai Sawant Institute of Technology & Research Pune-412207 (Maharashtra) Gat No.720 (1&2), Pune-Nagar Road, Wagholi, Pune - 412207 Phone: (020) 67335100, Fax No. (020)-22933424 Website: www.jspmbsiotr.edu.in</p>
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<p>ABOUT JSPM Jayawant Shikshan Prasarak Mandal (JSPM) is established in 1998 with the objective of creating center of excellence for education in the field of Engineering, Medical, Pharmacy, Management etc. JSPM Group of Institutes has been successful in establishing Best Engineering, MBA, MCA, high Pharmacy colleges and Schools, spread across six campuses in Pune. JSPM imparts quality education through right curriculum and innovative teaching methodologies at all its campuses. JSPM Group of Institutes has evolved from single institute to 75+ institutes, spread in the vicinity of Pune. JSPM provides students a vibrant academic experience that adheres to stringent international quality standards, imbues life skills among its students, and prepares them to take up competitive careers and to be successful in life.</p> <p>ABOUT THE INSTITUTE JSPM's Bhivarabai Sawant Institute of Technology and Research established in 2009, believes in practicing various student centric teaching learning methodologies to impart quality engineering education to students. The Institute has been approved by the All India Council for Technical Education (AICTE), New Delhi and affiliated to SPPU Pune. The institute has been accredited by NAAC and three programs are accredited by NBA. The institute is located in Wagholi in lush green and well maintained campus which is surrounded by industries and IT companies to provide an opportunity for more Industry-Institute-Interaction. The Institute provides conducive environment for the holistic development of individual skills and personality development.</p> <p>INSTITUTE VISION Satisfy the aspirations of youth force, who want to lead nation towards prosperity through techno-economic development.</p>	<p>INSTITUTE MISSION To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring students, which will prepare them to face global challenges maintaining high ethical and moral standards.</p> <p>ABOUT THE DEPARTMENT The department is accredited by NBA. The department has 60 intake (UG level) and 24 (PG Level) with aim to provide students the lifelong learning and leadership skills that enable them to grow in their professions and advance in positions of responsibility by effective Industry-Institute Interaction. The department has well equipped state of the art lab with modern infrastructure and ICT enabled facilities. The department has well experienced faculty.</p> <p>DEPARTMENT VISION To emerge as a department of repute compatible to the changing needs of society at large.</p> <p>DEPARTMENT MISSION M1: To cultivate creativity and innovativeness in teaching learning process for developing competent professionals. M2: To equip graduating students with skill sets to meet current and future demands of industry, academia and society through well designed curriculum.</p> <p>PROGRAM EDUCATIONAL OBJECTIVE (PEO'S) PEO-1: Ability to pursue professional career. PEO-2: An ability to adopt rapid changes in core & allied domain of E&TC Engineering fulfilling industrial & societal needs. PEO-3: An ability to deal with societal problems ethically delivering sustainable solution.</p>	<p>WORKSHOP OBJECTIVE 1. To learn Wireless technologies and study the basics of wireless, cellular technology, working of Mobile IP, ad hoc network, features of mobile operating systems. 2. To understand the use of M-Commerce application.</p> <p>COURSE CONTENTS • Mobile Communication Technologies • Multiplexing • Spread spectrum • GSM architecture • Generations of Mobile Communication Technologies • Handover • GPRS architecture • 5G architecture • Ad-Hoc Networking • Transport Layer • Mobile IP • Fading Channels • Mobile OS • Recent trends in Telecommunication Industries • Computational Intelligence in Mobile Computing</p> <p>ORGANIZING COMMITTEE • Dr. Anil Wanare : 73500 08708 • Meenakshi Annamalai : 77988 47035 • Yogesh Bahendwar : 98933 44915 • Nilesh Mohota : 90110 00809 • Manoj Sonune : 94211 22463 • Aniket Gunjal : 98508 94989 • Sneha Dhare : 97304 13463</p>
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Inaugural Session:

Inaugural Session	
Date	27th March 2023
Time	1:45 PM

The esteemed personalities present on the inauguration of the Programme:

Dr. V.V. Shete	Chairman, IETE, Pune Centre	Chief Guest
Dr. M. M. Jadhav	Chair, IEEE Communication Society, Pune Chapter	Chief Guest
Dr. T.K. Nagaraj	Principal, BSIOTR	Host
Dr. Y. S. Angal	HOD(E&TC), BSIOTR	Host

In welcome speech, Hon. Principal Dr. T. K. Nagaraj shared his views with the faculty participants that if faculty wants to develop themselves and their students, then attending such faculty development programmes would enhance their skills of teaching concepts practically. Sir further shared that it helps to improve the performance of faculty in teaching and highlighted the importance and objectives of organizing faculty development programmes. He briefed the participants about the subjects chosen for the FDP and highlighted the reasons and importance of the same. In the inaugural speech, Hon. Dr. V.V. Shete shared his views on faculty development. He further added that this programme will provide special benefits to faculty members. The inauguration programme ended with vote of thanks by Mrs. Jayshree Suryawanshi.

Inaugural Session of the FDP with Dr. V.V. Shete Chairman, IETE, Pune Centre and Dr. M. M. Jadhav Chair, IEEE Communication Society, Pune Chapter.

Date	27th March 2023 (Day One)
Session	One
Topic	Basic of Mobile Computing
Resource Person	Dr S. K. Jagtap Professor and HOD(E&TC), SKNCOE, Pune
Time	2:00 PM To 3:30 PM

The screenshot shows a Zoom meeting window. The main content is a slide titled "Service Mobility:" and "Host Mobility:". The slide text is as follows:

- Service Mobility:**
 - User should be able to move from one service to another.
 - Example could be a user is writing a mail. To complete the mail user needs to refer to some other information. In a desktop PC, user simply opens another service (browser) and moves between them using the task bar. User should be able to switch amongst services in small footprint wireless devices like in the desktop.
- Host Mobility:**
 - The user device can be either a client or server.
 - When it is a server or host, some of the complexities change.
 - In case of host mobility the mobility of IP needs to be taken care of.

At the bottom of the slide, it says "DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGG" and "11". On the right side of the Zoom window, there is a video feed of Dr. Sonal, who is wearing glasses and a headset.

The screenshot shows a Zoom meeting window. The main content is a slide titled "Traffic Telematics Systems". The slide contains a diagram illustrating the system architecture. The diagram shows a "Main Office Content Provider" connected to an "Internet" cloud via "ATM". The "Main Office Content Provider" is also connected to "Infrastructure" via "Beam Radio, ISDN". The "Infrastructure" is connected to two cars (one yellow, one green) via "Radio Infrared". The cars are connected to the "Internet" cloud via "GSM". The slide also includes a legend: "DAB: Digital Audio Broadcast" and "RDS/TMC: Radio Data System/ Traffic Message Channel". At the bottom of the slide, it says "DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGG" and "20". On the right side of the Zoom window, there is a video feed of Dr. Sonal, who is wearing glasses and a headset.

Dr S. K. Jagtap Professor and HOD E&TC), SKNCOE, Pune has delivered an interactive lecture on “Basic of Mobile Computing”. In this session participants were learned the Applications of Mobile Computing- Generations of Mobile Communication Technologies, Multiplexing: Spread spectrum, MAC Protocols: SDMA, TDMA, FDMA, and CDMA.

Date	27th March 2023 (Day One)
Session	Two
Topic	Introduction to 5G & Recent trends in Telecommunication Industries
Resource Person	Dr. Anuradha S. Deshpande Professor, E&TC, JSPM's ICOER Wagholi, Pune
Time	3:30 PM To 5:00 PM

The screenshot shows a Zoom meeting in progress. The main window displays a presentation slide from JSPM's Bhivarabai Sawant Institute of Technology & Research, Wagholi. The slide is titled "Faculty Development Program" and "Recent Trends in Mobile Computing with Real Time Approach". It also mentions "in Association with IETE & IEEE Communication Society" and the dates "[27th March to 1st April 2023]". On the right side of the Zoom window, there is a video feed of Dr. A. S. Deshpande, a woman with glasses, smiling. The Zoom toolbar at the bottom includes icons for Unmute, Start Video, Security, Participants (65), Chat, Share Screen, Pause/Stop Recording, Breakout Rooms, Raise Hand, Apps, and a Leave button.

The screenshot shows a Zoom meeting in progress. The main window displays a presentation slide titled "Key Enabling Technologies for 5G Device Centric Architecture". The slide contains three bullet points:

- Device-centric architecture is an important aspect for fifth generation (5G) networks.
- The current cellular systems are base station-centric where the base-station (BS) is responsible for resource allocation. The BS allocates resources to users based on their channel state information (CSI) and feedback. This resource allocation process increases load at the BS side resulting in more time consumption. This decreases the overall network throughput and increases delay in resource allocation.
- Therefore, a device-centric resource allocation scheme is proposed for D2D users. In this scheme, interested D2D pairs can allocate the resource to themselves.

The slide footer shows "27", "Dr. A. S. Deshpande", and "3/27/2023". On the right side of the Zoom window, there is a list of participants: JSPMs BSIOTR F..., JSPMs BSIOTR FDP, Poonam Gawade, Suseela D, Dr. A. S. Deshpande (highlighted with a video feed), Harshada Jambhale, and Jyoti Bandal.

An informative lecture on “Introduction to 5G & Recent trends in Telecommunication Industries” was discussed by Dr. Anuradha S. Deshpande Professor, E&TC, JSPM’s ICOER Wagholi, Pune. In this session participants were learned the Introduction of 5G, 5G –Architecture, Key Enabling Technologies for 5G and Recent trends in Telecommunication Industries.

Date	28th March 2023 (Day Two)
Session	One
Topic	Ad-Hoc Networking
Resource Person	Dr. Araddhana A. Deshmukh Head& Associate Professor, AI & DS Department, MMCOE, Pune
Time	2:00 PM To 5:00 PM

Recording

You are viewing JSPM's BSIOTR FDP's screen View Options

JAYAWANT SHIKSHAN PRASARAK MANDAL'S (JSPM's)
BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI PUNE-412207 (BSIOTR)
 (Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University)
 Accredited NBA & NAAC
Department of Electronics and Telecommunication Engineering
 is Organizing one Week FDP(Online) In Association with
 IETE Pune Center & IEEE Communication Society Pune Chapter
 On

"Recent Trends In Mobile Computing With Real Time Approach"

Date: 28 March 2023 Day: 2
 Timings: 2pm to 5pm

Resource Person for Session
Dr.Araddhana A. Deshmukh
Head & Professor, AI & DS Department
MMCOE Pune.
Topic: Ad-Hoc Networking

Dr. Prof. T.J.Sawant
 Founder Secretary,
 JSPM Pune

Hon. Shri. Rushiraj T. Sawant
 Director, JSPM Group of
 Institutes, Pune

Dr. Y. S. Angal (FDP Convener, HOD E&TC, BSIOTR), Contact: 7057150817

Participants: 45

Unmute Start Video Chat Share Screen Record Raise Hand Apps

YOGESH ANGAL Poonam Gawade
 YOGESH ANGAL Poonam Gawade
 Dr. Araddhana Deshmukh JSPM's BSIOTR FDP
 harsha bhamare Trupti Pawase
 harsha bhamare Trupti Pawase
 Dr Priyanka Singh Anuradha Pandit
 Dr Priyanka Singh Anuradha Pandit
 Suseela D Vipin Vihute
 Suseela D Vipin Vihute
 Sukruti Taori Malge S V
 Sukruti Taori Malge S V

Leave

Recording...

Improved Throughput with Increased Mobility

▪ **Low speed:** (Route from A to D is broken for ~1.5 seconds)
 • When TCP sender times after 1 second, route still broken.
 • TCP times out after another 2 seconds, and **only then resumes**


▪ **High speed:** (Route from A to D is broken for ~0.75 seconds)
 • When TCP sender times out after 1 second, route is repaired

▪ TCP timeout interval somewhat (not entirely) independent of speed
 ▪ Network state at higher speed may sometimes be more favorable than lower speed

JSPM's BSIOTR F...
 JSPM's BSIOTR FDP
 Poonam Gawade
 Poonam Gawade
 Pooja Ramesh S...
 Pooja Ramesh Sarode
 YOGESH ANGAL
 YOGESH ANGAL
Dr. Araddhana...
 Dr. Araddhana Deshmukh
 Bhausaheb Shin...
 Bhausaheb Shinde_20...

Dr. Araddhana A. Deshmukh Head& Associate Professor, AI & DS Department, MMCOE, Pune has delivered an informative lecture on “Ad-Hoc Networking”. In this session participants were taught Mobile IP, DHCP, AdHoc, Proactive protocol-DSRV, Reactive Routing Protocols: DSR, AODV, Hybrid routing: ZRP, Multicast Routing: ODMRP, Vehicular Ad Hoc networks VANET, MANET Vs VANET: Security

Date	29th March 2023 (Day Three)
Session	One
Topic	Mobile IP and Transport Layer
Resource Person	Dr. Vijay M. Birari Professor and HOD(E&TC) NDMVP KBTCOE, Nashik.
Time	2:00 PM To 5:00 PM



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(Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University)
Accredited NBA & NAAC
Department of Electronics and Telecommunication Engineering
is Organizing one Week FDP(Online) In Association
with IETE Pune Center & IEEE Communication Society Pune Chapter
On

"Recent Trends In Mobile Computing With Real Time Approach"

Date: 29 March 2023 Day: 3
Timings: 2pm to 5pm


Resource Person for Session


Dr. Vijay M. Birari
Professor and HOD(E&TC),
NDMVP KBTCOE, Nashik
Topic: Mobile IP and Transport Layer

Dr. Prof. T.J.Sawant
Founder Secretary,
JSPM Pune

Hon. Shri. Rushiraj T. Sawant
Director, JSPM Group of
Institutes, Pune

Dr. Y.S. Angal (FDP Convener, HOD E&TC, BSIOTR), Contact: 7057150817

 Recording...

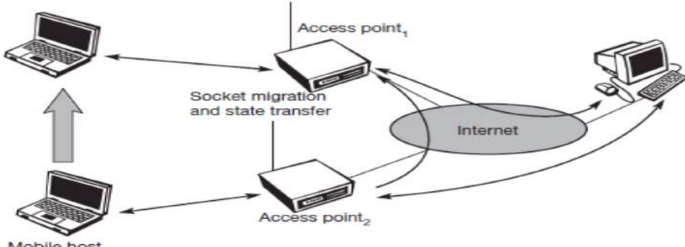
 Poonam Gawade
Poonam Gawade
Prof. Nakul Gade
Prof. Nakul Gade
YOGESH ANGAL
Dr Vijay Birari
Dr Vijay Birari
Redmi Note 7 Pro

Recording... You are viewing Dr Vijay Birari's screen View Options


Overview of Traditional TCP

132

Figure 9.2
Socket and state migration after handover of a mobile host



Dr. V. M. Birari 3/29/2023

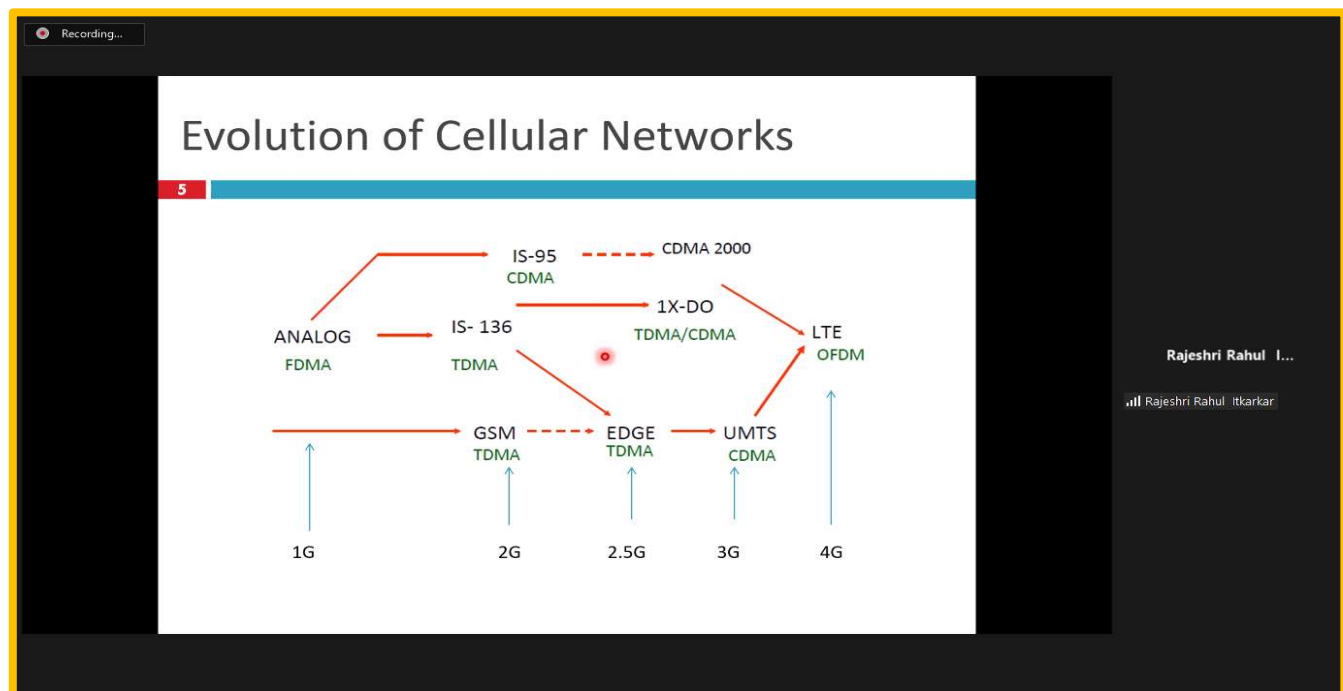
 Dr Vijay Birari
Poonam Gawade
Pooja Kolhe
Vibha Upadhyaya
Mahesh Kamble
Mugdha Tamhan

Unmute Start Video Security Participants 49 Chat Share Screen Pause/Stop Recording Breakout Rooms Raise Hand Apps More Leave

Dr. Vijay M. Birari Professor and HOD(E&TC) NDMVP KBTCOE, Nashik, has illuminated on "Mobile IP and Transport Layer". In this session participants were gained with the knowledge of the on Mobile IP: Need of mobile IP, IP packet delivery, Agent Discovery, Registration, Tunnelling and encapsulation, Route optimization, IP Handoff. Transport Layer: Overview of Traditional TCP and implications of mobility control. Improvement of TCP: Indirect TCP, Snoop TCP, Mobile TCP, Fast Retransmit/fast recovery, Time-out freezing, Selective retransmission, Transaction-oriented TCP.


Date	30th March 2023 (Day Four)
Session	One
Topic	Mobile System
Resource Person	Dr.R.R.Itkarkar Professor, AISSMS COE, Pune.
Time	11:00 AM To 1:00 PM

JAYAWANT SHIKSHAN PRASARAK MANDAL's (JSPM's)
BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI PUNE-412207 (BSIOTR)
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 IETE Pune Center & IEEE Communication Society Pune Chapter
 On
"Recent Trends In Mobile Computing With Real Time Approach"
 Date: 30 March 2023 Day: 4 Session: I
 Timings: 11am to 1pm
Resource Person for Session-I
 Dr. R.R. Itkarkar
 Professor, E&TC Dept.
 AISSMS COE, Pune
 Topic: Mobile System
 Dr. Y.S. Angal (FDP Convener, HOD E&TC, BSIOTR), Contact: 7057150817



Dr. R. R. Itkarkar Professor, AISSMS COE, Pune has discussed on “Mobile System”. In this session she gave insightful talk on Mobile Systems. Her presentation was both informative and engaging, and participants learned a lot from her expertise on the topic. Participants were gained with the knowledge of the on Introduction to Cellular Systems, GSM architecture, Protocols, Connection Establishment, Frequency Allocation, Routing, Mobility Management, Security, GPRS and UMTS: Architecture, Handover, Security. Introduction to 5G: Introduction, 5G network architecture, Applications, 5G enable technologies, Recent trends in Telecommunication Industries.

Date	30th March 2023 (Day Four)
Session	Two
Topic	Fading Channels
Resource Person	Dr. Gitimayee Sahu Sr.Manager, JIO Platforms Ltd, Mumbai
Time	2:00 PM To 5:00 PM




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On

"Recent Trends In Mobile Computing With Real Time Approach"

Date: 30 March 2023 Day: 4 Session: II
Timings: 2pm to 5pm

Resource Person for Session-II



Dr. Gitimayee Sahu
Sr.Manager,
JIO Platforms Ltd,
Mumbai
Topic: Fading Channels

Dr. Prof. T.J.Sawant
Founder Secretary,
JSPM Pune

Mon. Shri. Rushiraj T. Sawant
Director, JSPM Group of
Institutes, Pune

Dr. Y.S. Angal (FDP Convener, HOD E&TC, BSIOTR), Contact: 7057150817

Prem Kumar Patel

Prem Kumar Patel

Sushil Thakare

Sushil Thakare

aniket gunjal

aniket gunjal

Dr. Gitimayee Sa...

Dr. Gitimayee Sahu

YOGESH

YOGESH

mamta koban

mamta koban

Activate Windows
Go to Settings to activate Windows.

Recording...

PowerPoint Presentation

2 / 90 81%

5G NR Vs LTE (Similarities & Difference)

What is Similar to LTE?	What is Different from LTE?
<ul style="list-style-type: none"> OFDM & OFDMA DFT SC-OFDM for UL Most Physical Channels NR procedure- <ul style="list-style-type: none"> -System Acquisition -RACH -Power Control -Carrier Aggregation 	<ul style="list-style-type: none"> NSA(Non-Standalone) Architecture & EN-DN CP-OFDM in UL Flexible SCS(Subcarrier Spacing) & Slot Wider Channel BW & New Freq Band(mmW spectrum) Beam Management, Multibeam operation/Beam Sweeping Physical Channel Changes- <ul style="list-style-type: none"> -New Channels- PTRS, TRS -Removal of PHICH & PCFICH UL sharing and supplementary uplink.

Dr. Gitimayee Sa...

Dr. Gitimayee Sahu

Activate Windows
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Dr. Gitimayee Sahu Sr.Manager, JIO Platforms Ltd, Mumbai has focused on “Fading Channels”. In this session participants were familiar with Rayleigh Fading and Statistical Characterization, Properties of Rayleigh Distribution, BER in Fading, Narrowband vs Wideband Channels, Characterization of Multipath Fading Channels, Choice of Modulation, Coherent versus Differential Detection, BER in Fading , Ricean Fading.

Date	31st March 2023 (Day Five)
Session	One
Topic	Computational Intelligence in Mobile Computing
Resource Person	Dr. Vandana M. Rohokale Prof & HOD(E&TC), SIT's, Narhe, Pune
Time	2:00 PM To 4:00 PM

JAYAWANT SHIKSHAN PRASARAK MANDAL's (JSPM's)
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 On

"Recent Trends In Mobile Computing With Real Time Approach"

Date: 31 March 2023 Day: 5
 Timings: 2pm to 4pm

Resource Person for Session

Dr. Vandana Rohokale
 Prof & HOD(E&TC),
 SIT's, Narhe, Pune

Topic: Computational Intelligence in Mobile Computing

Dr. Y.S. Angal (FDP Convener, HOD E&TC, BSIOTR), Contact: 7057150817

Participants: Poonam Gawade, Manisha Rajput, Dr. Vandana Rohokale, JSPM's BSIOTR FDP.

We Talked To Sophia - The AI Robot That Once Said It Would 'Destroy Humans'

Incider Tech

Participants: Dr. Vandana Rohokale, Dr. Vandana Rohokale.

Dr. Vandana M. Rohokale Prof & HOD(E&TC), SIT's, Narhe, Pune has explained “Computational Intelligence in Mobile Computing”. In this session participants realized the significance of Recent Trends in Mobile Computing, CI vs AI, principles Computational Intelligence, AI & ML, Deep learning, Uses of Computational Intelligence, Deep Learning Approach for Interference Mitigation in MIMO-FBMC/OQAM Systems.

Date	1st April 2023 (Day Six)
Session	One
Topic	Operating System & Applications of Mobile Computing
Resource Person	Dr. Makarand M Jadhav Prof & HOD(E&TC), NBN STC, Pune
Time	9:00 AM To 11:00 AM

The screenshot shows a Zoom meeting interface. The main screen displays a table comparing various features of Android, iOS, Windows 10, and BlackBerry 10. The table is as follows:

Feature	Android	iOS	Windows 10	BlackBerry 10
Company	Google	Apple Inc.	Microsoft	BlackBerry Ltd.
License	Free and open-source	Proprietary except for open source components	Proprietary, Commercial Software	Proprietary
OS family	Linux	Darwin	Microsoft Windows	QNX
Supported CPU Architecture	ARM	64-bit ARMv8-A	32-bit ARMv7-A and 32-bit ARMv8-A	ARM
Programed in	C, C++, Java, Kotlin	C, C++, Objective-C, Swift	.NET, C#	C/ C++
Current version				

The Zoom interface also shows a list of participants on the right, including YOGESH ANGAL, JSPMs BSIOTR FDP, Makarand Jadhav, Jayshree Surya..., V.M.Lakshe, and Snehal Koparde. The bottom status bar indicates the time is 09:40 AM on 01-04-2023.

The screenshot shows a Zoom meeting interface with text displayed on the screen. The text is titled "Design Issues in Mobile O.S" and lists several key areas for consideration:

- Power Management :** Here, Device power management and Processor power management need to be considered.
- Battery Management :** Mobile OS collects the information about the state of the batteries of the device and inform the user. In case of abnormal consumption or battery discharge due to some application/game, O.S must perform an emergency shutdown keeping the data loss at minimum level.
- Thermal Management :** As the mobile devices operate with the batteries, Heat Dissipation is also a challenge. It is one of the functions of the Mobile OS to manage and reduce the power consumption of the devices.
- Memory Management :** Mobile OS should consume less space in RAM. The designing of structure of Mobile O.S also may help in reducing the memory size and reduce memory outflows. Efficient memory management techniques need to be adopted while designing the mobile OS.
- Scheduling :** The Mobile OS may adopt the pre-emptive scheduling mechanism. The interrupt latency and dispatch latency must be minimized in mobile OS.
- File System :** Flash file systems are used in mobile devices. They offer a fast-read access. The file system should adopt the memory management techniques that minimize the fragmentation problem, caching techniques and intelligent re-claim techniques.
- Security :** Mobile devices also may get infected with worms, Trojan horses or viruses wherein compromising the user's security and privacy. As all the mobile devices are prone to attacks any time, it is therefore the major function of the Mobile OS to provide security mechanisms to address all the security issues.

The Zoom interface also shows a list of participants on the right, including YOGESH ANGAL, JSPMs BSIOTR FDP, Makarand Jadhav, Jayshree Surya..., V.M.Lakshe, and Snehal Koparde. The bottom status bar indicates the time is 09:47 AM on 01-04-2023.

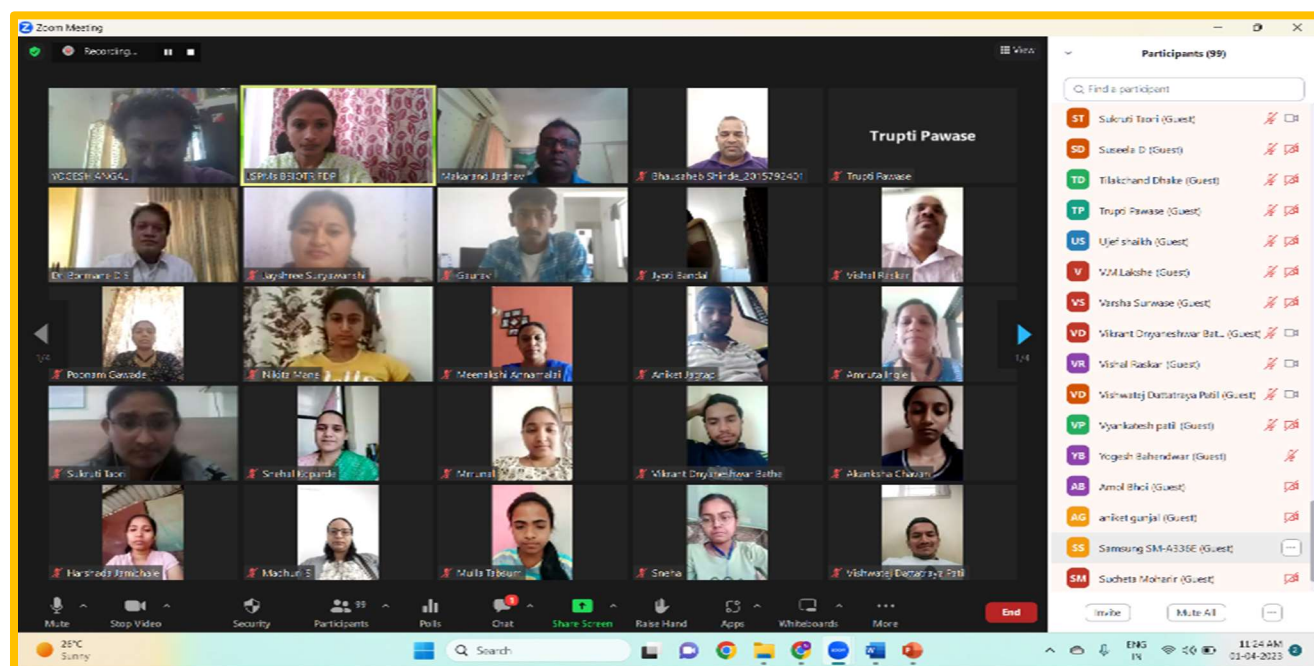
A discussion on “Operating System & Applications of Mobile Computing” was delivered by Dr. Makarand M Jadhav Prof & HOD(E&TC), NBN STC, Pune. In this session participants got the knowledge about Operating System: A Few Basic Concepts, Special Constraints and Requirements of Mobile OS, A Survey of Commercial Mobile Operating Systems, Windows Mobile, Applications: M-Commerce, Business to Consumer (B2C) Applications, Business to Business (B2B) Applications. Structure of M-Commerce, Pros and Cons of M-Commerce, Mobile Payment System, Mobile Payment Schemes, Desirable properties of a Mobile Payment system, Mobile Payment solutions, Process of Mobile Payment, Security Issues.

Valedictory Session:

Valedictory Session	
Date	1 April 2023
Time	11:00 AM

The esteemed personalities present on the Valedictory of the Programme:

Dr. D. S. Bormane	Member, Governing Council, IETE, New Delhi	Chief Guest
Dr. M. M. Jadhav	Chair, IEEE Communication Society, Pune Chapter	Chief Guest
Dr. T.K. Nagaraj	Principal, BSIOTR	Host
Dr. Y. S. Angal	HOD(E&TC), BSIOTR	Host

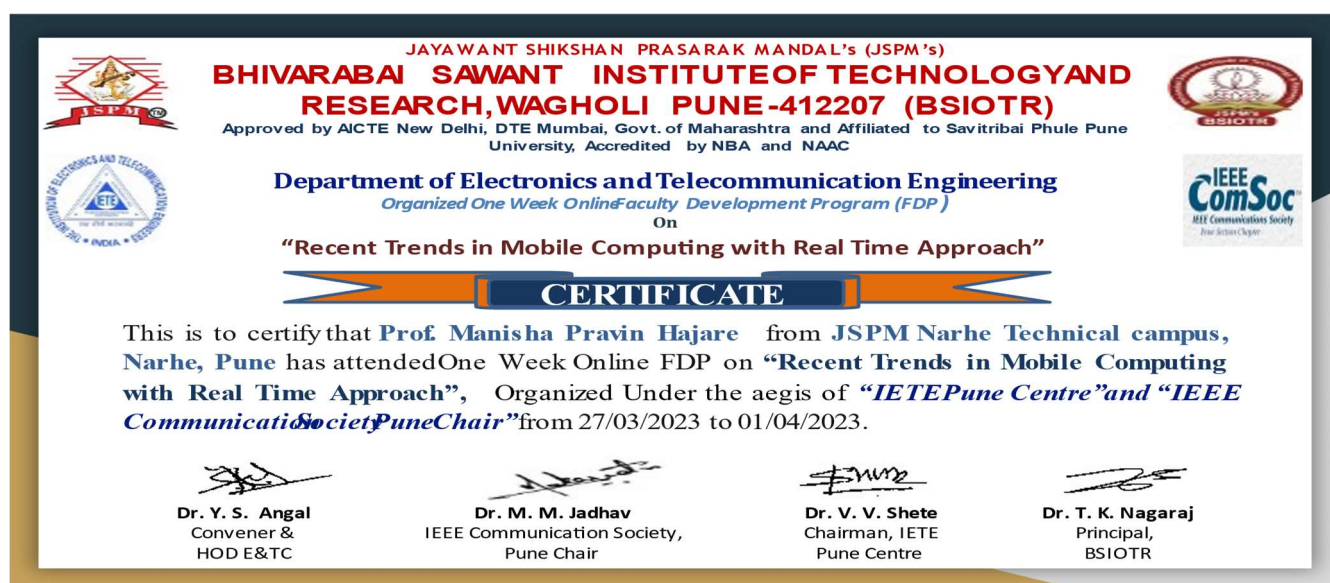


Valedictory Session of the FDP with Dr. D. S. Bormane Member, Governing Council, IETE, New Delhi and Dr. M. M. Jadhav Chair, IEEE Communication Society, Pune Chapter.



All the personalities appreciated the department for organizing the FDP. The program was ended with vote of thanks by Mrs. Suchipriya Malge, Asst. Prof., Electronics & Telecommunication Dept., JSPM'S BSIOTR & Coordinator of the FDP. The FDP received a lot of positive feedback from faculty members, PG students and research scholars from many universities of India. There were 104 enthusiastic participants in total, who took part in the 6-day online FDP. Each session was of Minimum 90 minutes & Maximum 180 minutes and included open questions, answer session. Zoom meeting was the platform used for each session links (Join Zoom Meeting <https://us02web.zoom.us/j/83443301126?pwd=c1V6eWdDUU9BcDVLmWVjZHI5YU5xUT09>); feedback links were shared, MCQ Test was conducted at the end of FDP. The registered participants were engaged in a special WhatsApp group. The recordings are being uploaded on the Google Drive. (https://drive.google.com/drive/folders/1E0-QfZB-is5pj51jJKe4m85nnD7FebA?usp=share_link). 104 E-certificates were awarded to all registered participants by sharing Google Drive Link. The FDP was concluded on the tanks giving note to the Chief Guest, Management, Campus Director, Principal, Deans and all the Participants.

Sample FDP Certificate:



FDP Outcome:

All the sessions were very much informative. The discussed areas are of great benefit for the participants as the topics match with the current working domain. Participants were enlightened with the most widely used advance technologies in this domain. This in turn will help in research activity.

Sr. No.	FDP Outcome
1	Understand concepts of Mobile Communication.
2	Analyze next generation Mobile Communication System
3	Understand network layers of Mobile Communication
4	Understand IP and Transport layers of Mobile Communication
5	Study of different mathematical models
6	Understand different mobile applications.

Sr. No.	FDP Outcome	PO	PSO
1	Understand concepts of Mobile Communication.	PO1	PSO1
2	Analyze next generation Mobile Communication System	PO2	PSO2
3	Understand network layers of Mobile Communication	PO1	PSO1
4	Understand IP and Transport layers of Mobile Communication	PO1	PSO1
5	Study of different mathematical models	PO2, PO3, PO4, PO5	POS3
6	Understand different mobile applications.	PO11, PO12	PSO3

Programme Co-Ordinator	Asst. Prof. S. V. Malge (E&TC) BSIOTR	
	Asst. Prof. P. V. Gawade (E&TC) BSIOTR	
	Asst. Prof. J. Y. Suryawanshi (E&TC) BSIOTR	
Programme Convenor	Dr. Y. S. Angal, HOD (E&TC), BSIOTR	
Principal	Dr. T. K. Nagaraj, Principal, BSIOTR	



**JAYAWANT SHIKSHAN PRASARAK MANDAL's
BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY
AND RESEARCH, Wagholi Pune**
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Affiliated to Pune university)
GAT.NO.720 (1), WAGHOLI, PUNE-NAGAR ROAD,
PUNE-412207.



TE. NO. (020)27051170 FAX. NO. (020)27052590
Department of Electronics and Telecommunication

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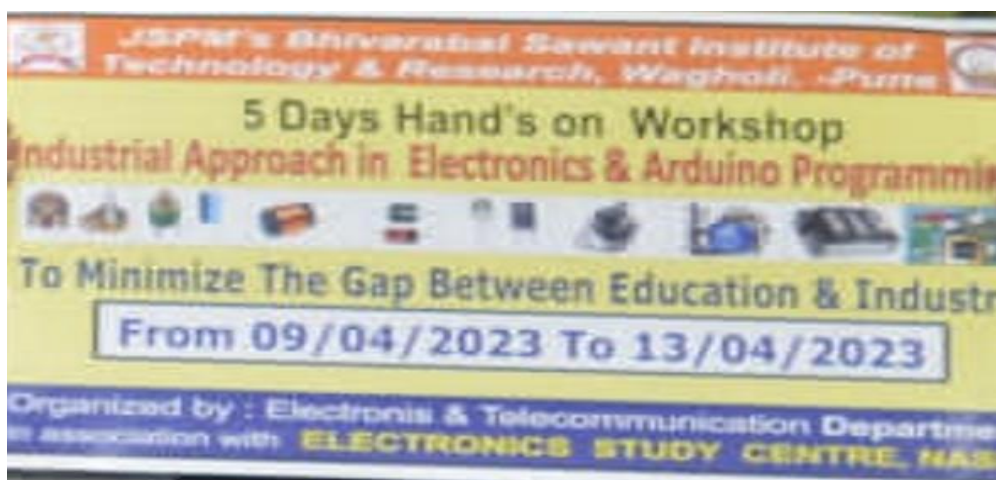


Date: 20/11/ 2023

REPORT On
5 Days workshop on
“Industrial Approach in Electronics & Arduino Programming”

Name of Event	Industrial Approach in Electronics & Arduino Programming
Organized Under	In association with Electronics Study Centre Nashik
Date of Event	9/04/2023 to 13/04/2023
Location of Event	D1 Building , E&TC Department of JSPM's Bhivarabai Sawant Institute of Technology & Research
Number of Persons Attending	63 (Girls 25 Boys 38)
Sponsoring Organization(s)	ETSA
Program Co-Coordinator Name	Dr. Y. S. Angal, HOD E&TC BSIOTR Wagholi Pune
ETSA Coordinator	Prof. Meenakshi Annamalai
Speaker Name	Prof. Sanjay Chaudhary, Director Electronics Study Centre Nashik

Sr No.	Learning objectives	Aligned PO's
1.	To minimise the gap between education & Industry	PO 12
2.	Soldering/ desoldering skills	PO, PO2, PO4, PO5, PO6, PO7, PO8, PO10, PO11, PO12
3.	Team skills	PO1, PO9, PO10, PSO-1
4.	Programming skills	PO8, PO9, PO10, PO11, PO12
5.	21st Century Skills	PO12



Workshop Flyer on “Industrial Approach in Electronics & Arduino Programming”

JSPM’S Bhivarabai Sawant Institute of Research and Technology Department of Electronics and Telecommunication under the ETSA and in association with IETE Pune Centre Pune organized Five day workshop on “**Industrial Approach in Electronics & Arduino Programming**” on 9/04/2023 to 13/04/2023

The workshop was carried out at E&TC Department for the TE E&TC students Semester (V) Prof. Poonam Gawade, Prof. Jyshree Suryawanshi, Prof. Sneha Dhere, Prof. Manoj Sonawane acted as a faculty co-ordinator. 63 students attended the workshop. Every participant made the Registration payment of RS 2500 for the event.

Brief Information about the Expert person:

Prof. Sanjay Chaudhary is the director of Electronics Study Centre Nashik. He is a skill development trainer teacher. He has 11 Years of experience in Research & circuit designing. He is also managing the technical & Marketing Engineering role also. He acted as a senior lecturer in the TES'S BHUSAWAL ARTS, SCIENCE & P.O. NAHATA COMMERCE COLLEGE, BHUSAWAL during 1992-2012.



Photo 1 Event Inauguration in presence of Dr. T.K. Nagaraj principal, Dr. Y. S. Angal HOD & Expert Prof. Sanjay Choudhary Director Electronics study centre Nashik

Inauguration Ceremony was held on the first day. Dr. T.K. Nagaraj was present. He guided and motivated students about the challenges and innovations in E&TC Industry.

He explained the purpose for the conduction of the event for developing 21st Century skills among students and after the COVID-19 it's a bridge course for the academic gap for all students. He gave some useful tips for getting good career and achievement in university. Some of the students also shared their view for the workshop session.



Photo 2 Principal Dr. T. K. Nagraj Guiding students during inauguration ceremony


<div>  <div> ELECTRONICS STUDY CENTRE <i>An ISO 9001:2008 Certified</i> 402, 'Olive Arcade, besides Metro Mall, Tapovan link road, Station Road, Nasik Road. 9370940465, 7304040465, 9890940465 Website- www.escworkshop.in email - escelectronics@gmail.com </div> </div>				
Date: 19/05/2023				
Fee Structure for Work Shop-				
Sr. No.	Course	Duration of course No. of days	Fees for each student Rs	No of students in one batch
1	Industrial Approach in Electronics & Arduino Programming	5	2500/-	80

Table 1 Workshop structure and registration charge details

Workshop Agenda-

Day	Time	Program	Topic
1	9.30am To 10 am	Registration	Latest Color PP size photo required
	10 am To 1 pm	Morning session	Component Identification & Testing Practice
	1 pm To 2 pm	Lunch Break	-----
	2 pm To 5 pm	Evening Session	Component Identification & Testing Practice
2	9 am To 1pm	Morning session	Component Identification & Testing Practice
	1 pm To 2 pm	Lunch Break	-----
	2pm To 5 pm	Evening Session	PCB study types - Designing Art work etching Assembling, Soldering, desoldering Tips, Technique, Practice
3	9 am To 1pm	Morning session	Project Construction & Testing
	1 pm To 2 pm	Lunch Break	-----
	2pm To 5 pm	Evening Session	Discussion, Feedback

Table 2 Day 1 to 3 schedule

Day	Time	Program	Topic
4	10 am To 1 pm	Morning session	Introduction about Hardware, software its necessity with each other. Diff. Types of Aurdino boards (Pro mini, Nano, Uno, Mega, lieo nardo, etc), their introduction, scope, limitation, comparision with each other and microcontroller Aurdino Software Installation in each Laptop.
	1 pm To 2 pm	Lunch Break	-----
	2 pm To 4 pm	Evening Session	Aurdino board connectivity with ESC std Aurdino development board, to laptop, Identification of input output ports VCC, ground Classification of Input / Output,, Analog/ Digital dcives Introduction to Aurdino Library, its instructions Interfacing LED, Switch as 1) LED ON/OFF with delay 2) LED ON by switch 3) LED ON/ OFF by switch 4) LED ON with delay 5) LED OFF with delay 6) Buzzer ON by switch 7) Buzz OFF by switch 8) Buzz On/OFF with delay 9) Relay On by switch 10) Relay OFF by a switch
5	9 am To 1pm	Morning session	Reading Analog value from any sensor 11) POT,LDR/ Thermistor, and its typical application. 12) soil moisture sensor and its typical application. Enable serial communication using Aurdino 13) Interfacing 16/2 LCD display and its two different program to display particular word for particular time 14) IR sensor and its program
	1 pm To 2 pm	Lunch Break	-----
	2pm To 3 pm	Evening Session	15) GSM module and its program to send message in bulk on particular Nos.
	4pm to 4.45pm		Students Feedback and reviuue

Table 3 Day 4 and 5 Arduino Programming schedule details

Day-wise workshop Details :

Day 1 :

- ✓ Use of Digital technology including Projector as well as camera
- ✓ Basic components and explanations
- ✓ Testing of the Electronics components with the help of Digital multimeter as shown in this photograph.
- ✓ A group formation of 2 students for the components testing and assessment
- ✓ An innovative QA session were held



Photo 3 Digital multimeter

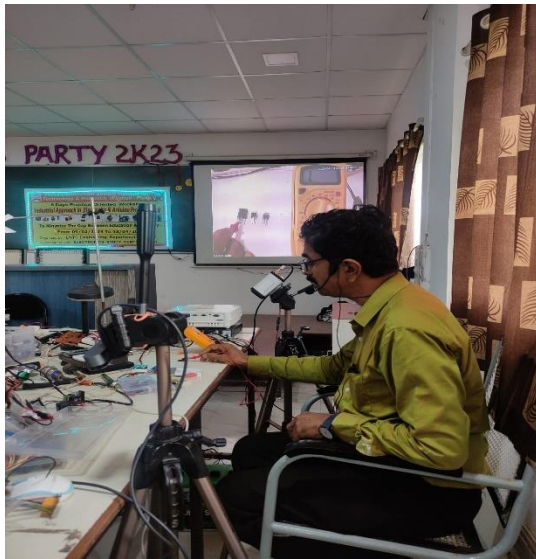


Photo 4,5 and 6 Day 1 Prof. Sanjay Chaudhary with workshop participants

**Day2 :
Component Identification Task**

PCB Types

Soldering & Desoldering



Photo 7, 8 & 9 Student Engagement in Electronic material testing

**Day3:
Project work**

Feedback



Photo 10, 11, 12 & 13 Student engagement in project team work task

Day 4:
Arduino Basics



Photo 14, 15, 16 & 17 Day 4 Arduino programming

Day 5

Arduino Task



Photo 18, 19, 20 & 21 Student performing the challenging task by the workshop co-ordinator



Photo 22 Workshop participants in presence of Dr. Y. S. Angal HOD, Prof. Sanjay Choudhary Director Electronics study centre Nashik and staff co-ordinators


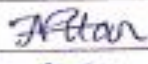
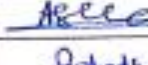
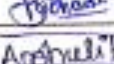
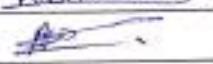
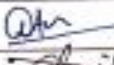
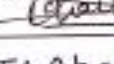
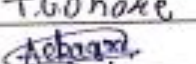
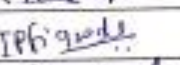
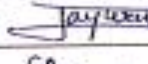
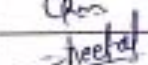
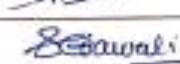
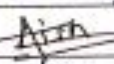
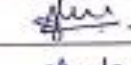
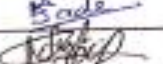
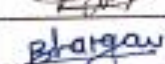
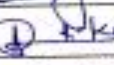
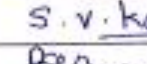

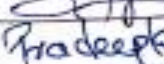





Workshop Attendance:

JSPM's Bhivarabai Sawant Institute of Technology & Resesarch Wagholi.

5 Days Workshop "Industrial Approach in Electronics & Arduino Programming" 09-13/04/2023

Organized by Electronics & Telecommunication Engineering Department

Certificate Issue Record

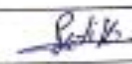
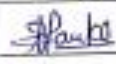
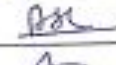


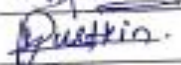
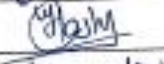
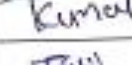

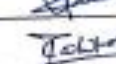

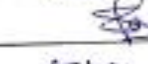
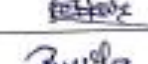

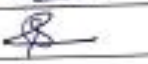


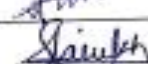




Sr. No.	Name of the student	Class	Roll No.	Sign of Student
1	Aadhav Saket Dattatray	TE	3201	
2	Attar Nameera Mehommad Rafik	TE	3203	
3	Bhoite Abhijit Shahaji	TE	3204	
4	Borhade Shivam Pandurang	TE	3205	
5	Borse Anshulika Yavraj	TE	3206	
6	Dahiwal Ajinkya Sunil	TE	3207	
7	Daphal Chetan Shahaji	TE	3208	
8	Deshpande Chaitra Vijay	TE	3209	
9	Dhake Tilakchand Umakant	TE	3210	
10	Dhamani Aekagra Mukund	TE	3202	
11	Figredo Ispurleen Peter	TE	3258	
12	Gadekar Jaywant Bhimrao	TE	3271	
13	Gardare Kiran Ganesh	TE	3211	
14	Gat Sheetal Babaji	TE	3212	
15	Gawali Shubham Sunil	TE		
16	Gole Aishwarya Suhas	TE		
17	Hargude Aishwarya Anil	TE		
18	Jade Meghsham Sanjay	TE	3215	
19	Jagtap Ajay Shesherao	TE	3216	
20	Joshi Bhargavi Dinesh	TE	3217	
21	Kand Akansha Ramdas	TE	3264	
22	Kand Siddhi Vikas	TE	3263	
23	Kekan Prajakta Pandurang	TE	3218	
24	Kharate Satyam Machindra	TE	3219	
25	Koli Pradeep Deepak	TE	3220	

JSPM's Bhivarabai Sawant Institute of Technology & Resesarch Wagholi.

5 Days Workshop "Industrial Approach in Electronics & Arduino Programming" 09-13/04/2023

Organized by Electronics & Telecommunication Engineering Department

Certificate Issue Record

Sr. No.	Name of the student	Class	Roll No.	Sign of Student
26	Kuwar Sakshi Jayesh	TE		
27	Lagad Pratik Dhondiba	TE	3222	
28	Lanke Aditya Sanjay	TE	3223	
29	Londhe Prutviraj Suresh	TE	3275	
30	Mane Abhay Sudhakar	TE	3224	
31	Mane Rutuja Kailas	TE	3226	
32	Matkar Amar Chatrabhuj	TE	3227	
33	Mulani Mustkin Mahibuts	TE	3228	
34	Narute Harshad Dhanaji	TE	3229	
35	Narwade Kunal Dilip	TE	3230	
36	Patil Priyanka Bagurao	TE	3231	
37	Patil Yuvraj Rajaram	TE	3260	
38	Patil Vishwatej Dattatraya	TE	3232	
39	Patil Vyankatesh Kamlesh	TE	3233	
40	Pawar Shubham Ashok	TE	3244	
41	Petkar Sayali Dhanraj	TE	3284	
42	Randive Kishori Ramdas	TE	3295	
43	Raut Dnyaneshwari Shivshankar	TE	3236	
44	Sakhare Swapnil Tanaji	TE	3297	
45	Salunkhe Janhavi Subhash	TE		
46	Sawargave Rajnandini Dinkar	TE	3239	
47	Shaikh Arman Sameer	TE	3266	
48	Shaikh Parvej Yasin	TE		
49	Shaikh Ujef Samad	TE	3241	
50	Shelke Vaibhav Tukaram	TE	3242	

JSPM's Bhivarabai Sawant Institute of Technology & Resesarch Wagholi.

5 Days Workshop "Industrial Approach in Electronics & Arduino Programming" 09-13/04/2023

Organized by Electronics & Telecommunication Engineering Department

Certificate Issue Record

Sr. No.	Name of the student	Class	Roll No.	Sign of Student
51	Shinde Abhay Pramod	TE	3243	Abhi.
52	Sonavane Amruta Ashok	TE	3245	Sonavane
53	Sonawane Kalpesh Yuvraj	TE	3246	Kalpesh
54	Sontakke Divya Dnyaneshwar	TE	3261	Divya
55	Tambe Ekta Dinesh	TE	3247	Ekta
56	Tamhane Vaishnavi Vinod	TE	3248	Vaish
57	Taye Pratik Ramesh	TE	3250	Pratik
58	Tengale Adesh Laxman	TE	3251	Adesh
59	Thakare Vaishnavi Jagadeo	TE	3252	Vaish
60	Tupsoundare Rajnandini Rajkumar	TE	3254	Rajnandini
61	Vadak Komal Vijendra	TE	3255	Komal
62	Waghmode Mahesh Namdev	TE	3256	Mahesh
63		TE		
64		TE		

Qui

Director
Electronics Study Centre
Nashik

Electronics Study Centre
402, Olive Arcade, Beside Walmart Mall
Tapovan Road, Nashik-422011

Coordinator
Workshop

S.D. Dhare

P.V. Gawade

E & T.C. Engg. Department
JSPM's Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune-412 287



**JSPM's BHIVRABAI SAWANT INSTITUTE OF
TECHNOLOGY AND RESEARCH**
Wagholi, Pune.

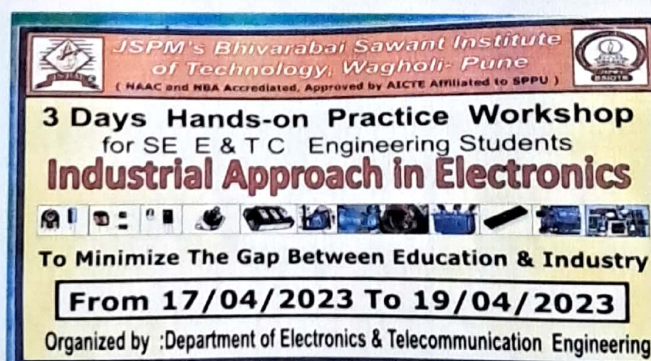


REPORT ON
**Three Days Hands on workshop on
"Industrial Approach in Electronics"**

Name of The Programme	Three Days Hands on workshop on "Industrial Approach in Electronics" under ETSA(Electronics and Telecommunication Students Association)
Date	17/04/2023 to 19/04/2023
Mode	Offline
Organizer	Department of Electronics and Telecommunication Engineering of Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune
Programme Convener	Dr. Y. S. Angal, HOD (E&TC)
Resource Person	Mr. Sanjay Chaudhary
Faculty Coordinator	Assit Prof. J.Y.Suryawanshi, Assit. Prof. P.V.Gawade
Participants	61 students SE E&TC (36-Male, 25-Female)

Introduction

Three days workshop was organized on 17th April, 2023 to 19th April, 2023 in Electronics and telecommunication department in offline mode. Resource Person Mr. Sanjay Chaudhary, CEO of Electronics study Centre, Nashik conducted the workshop. The function was started with inauguration by hands of Principal Dr. T. K. Nagaraj. HOD Dr. Y.S. Angal was given motivational speech for students. 61 SE (E&TC) students were participated in hands-on workshop.



Program Objective:

Sr. No.	Programme Objective
1	To enhancing knowledge of testing basic Electronic components.
2	To improving soldering and disordering skills.
3	To building team handling skills.



Workshop Agenda-

Day	Time	Program	Topic
1	9.30am To 10 am	Registration	Latest Color PP size photo required
	10 am To 1 pm	Morning session	Component Identification & Testing Practice
	1 pm To 2 pm	Lunch Break	-----
	2 pm To 5 pm	Evening Session	Component Identification & Testing Practice
2	9 am To 1pm	Morning session	Component Identification & Testing Practice
	1 pm To 2 pm	Lunch Break	-----
	2pm To 5 pm	Evening Session	PCB study types - Designing Art work etching Assembling, Soldering, desoldering Tips, Technique, Practice
3	9 am To 1pm	Morning session	Project Construction & Testing
	1 pm To 2 pm	Lunch Break	-----
	2pm To 5 pm	Evening Session	Discussion, Feedback

Day 1:

On first day, Discussion on basic electronic components i.e. resister, capacitor, inductors and its colour coding. In morning session, components introduction and its colour coding covered. In afternoon session, Components identification and testing of components were performed by students individually.



Dr.Y.S.Angal (HOD E&TC) motivating students



Students performing testing of components



Performing LED testing

Day 2:

On second day, Identification and testing of components like diodes, relay, FET, IGBT etc. performed by students individually using testing devices (multimeter). In that measure value of forward and reverse resistance of components.



Students performing testing of components



Day 3:

On third day, mini project task was given to students in group of 3 students. Mini project like water level detector, fire alarm system etc. Introduction of PCB, assembling of components on PCB, soldering of components and testing were performed by groups of students.



Soldering the components



Performing project with Dr. Sanjay Chaudhary





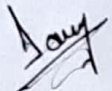
Ms.Rajnandini Tupsundare (TE E&TC) worked as volunteer facilitated by Mr. Sanjay Chaudhary

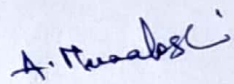
A valedictory function was carried out at last with presence of HOD Dr. Y.S.Angal and other faculty coordinators. Certificate distribution event was held.




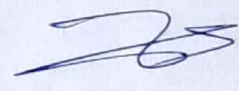
Sample certificate of Workshop

Sr. No.	Outcome	PO	PSO
1	Understand all types of components and testing	PO1,PO2,PO5,PO6, PO7,PO12	PSO1, PSO3
2	Identify team handling skill	PO1,PO2, PO5,PO8,PO9, PO10, PO12	PSO1,PSO3


 Assit.Prof. J.Y.Suryawanshi & Assit.Prof. P.V.Gawade
 Workshop Coordinator


 Prof. Meenakshi A.
 ETSA Co-ordinator


 Dr. Y. S. Angal
 HOD E&TC


 Dr. T. K. Nagaraj
 Principal
PRINCIPAL
 Bhivarabai Sawant Institute Of Technology & Research
 Wagholi, Pune- 412207.

Student Attendance:

JSPM's Bhivarabai Sawant Institute of Technology & Research Wagholi.
Organized by Electronics & Telecommunication Department
3 Days Workshop "Industrial Approach in Electronics"

Class- SE E & T C Attendance- 17/04/2023 To 19/04/2023

Sl. No.	Name of the student	Participants Signature		
		17/04/2023	18/04/2023	19/04/2023
1	Adhar Arav Shrivastava			
2	Balaji Pothuvelu Lakshmi			
3	Chandana Shambhushankar Sankar			
4	Chetan Kasing Kumbhar			
5	Chaitanya Anant Tejwani			
6	Chiranjeev Prasad Shrivastava			
7	Chiranjeev Mishra			
8	Chiranjeev Mishra			
9	Chiranjeev Mishra			
10	Chiranjeev Mishra			
11	Chiranjeev Mishra			
12	Chiranjeev Mishra			
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19	Chiranjeev Mishra			
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21	Chiranjeev Mishra			
22	Chiranjeev Mishra			
23	Chiranjeev Mishra			
24	Chiranjeev Mishra			
25	Chiranjeev Mishra			

JSPM's Bhivarabai Sawant Institute of Technology & Research Wagholi.
Organized by Electronics & Telecommunication Department
3 Days Workshop "Industrial Approach in Electronics"

Class- SE E & T C Attendance- 17/04/2023 To 19/04/2023

Sl. No.	Name of the student	Participants Signature		
		17/04/2023	18/04/2023	19/04/2023
26	Kundhar Akhatar Vitor			
27	Mohit Anand Chaurang			
28	Mohit Anand Chaurang			
29	Mohit Anand Chaurang			
30	Mohit Anand Chaurang			
31	Mohit Anand Chaurang			
32	Mohit Anand Chaurang			
33	Mohit Anand Chaurang			
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50	Mohit Anand Chaurang			

JSPM's Bhivarabai Sawant Institute of Technology & Research Wagholi.
Organized by Electronics & Telecommunication Department
3 Days Workshop "Industrial Approach in Electronics"

Class- SE E & T C Attendance- 17/04/2023 To 19/04/2023

Sl. No.	Name of the student	Participants Signature		
		17/04/2023	18/04/2023	19/04/2023
51	Mohit Anand Chaurang			
52	Mohit Anand Chaurang			
53	Mohit Anand Chaurang			
54	Mohit Anand Chaurang			
55	Mohit Anand Chaurang			
56	Mohit Anand Chaurang			
57	Mohit Anand Chaurang			
58	Mohit Anand Chaurang			
59	Mohit Anand Chaurang			
60	Mohit Anand Chaurang			
61	Mohit Anand Chaurang			
62	Mohit Anand Chaurang			

Director

Electronics Study Centre
Wagholi

Coordinator

Workshop

Head of Department

Electronics & Telecommunication Department
JSPM's Bhivarabai Sawant Institute of Technology & Research Wagholi



**JSPM's BHIVARABAI SAWANT INSTITUTE OF
TECHNOLOGY AND RESEARCH**
Wagholi, Pune.



**Department of Electronics & Telecommunication Engineering
(NAAC and NBA Accredited)**

A report on

GUEST LECTURE ON PERSONALITY DEVELOPMENT REPORT

Date: 21st April 2023

Objective	Self Development and Personality Development.
Date of Conduction	April 21, 2023
Resource Person	Mr. Pradeep Pani
Participants	students of SE, TE and BE ,BSIOTR, Pune
Venue	D1 -VC Room IT Department
Expected Outcome	Impressive body language
	Achieving goals
	Self-development by proper decisions



**JSPM'S
BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY
AND RESEARCH**
GATE NO. 720/2, NAGAR ROAD, WAGHOLI, PUNE, MAHARASHTRA, 412207





BSIOTR MANTHAN STUDENTS' CLUB
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE), NEW DELHI



Speaker :-



Shri. Pradeep R. Pani
CEO & Co-Founder,
Growfinity Consulting,
Business Coach & Consultant

**TOPIC :-
SELF
DEVELOPMENT**

Date :- 21/4/2023
Day :- FRIDAY
Time:- 10.30 AM

Venue: VC room (IT Dept), D1 Building

JSPM'S Bhivarabai Sawant Institute of Research and Technology Department of Electronics and Telecommunication under the MANTHAN club organized a guest lecture on Personality development for the Engineering students of BSIOTR with a primary objective of developing and enhancing one's personality. Mr. Pradeep R. Pani, **CEO & Co-Founder, Growfinity Consulting** was invited as the Speaker for the guest lecture. The speaker gave valuable insights on Personality development, which helps an individual to gain confidence and high self-esteem. Personality development also is said to have a positive impact on one's communication skills and the way he sees the world. The session was gripping, with students showing keen interest in the speaker's presentation and interactive dialogue with them.

Program was started at 10:45 am in the IT Department, Principal Dr. T. K. Nagraj, HOD E&TC Dr. Y. S. Angal, HOD IT Dr. Pravin Barapatre was present for the program, Mast. Aekagra Dhamini student of TE E&TC introduced the expert person then followed by the felicitation of the guest by Hon. Principal Dr. T.K. Nagraj.

Ms. Chaitra Deshpande student TE E&TC praposed the vote of thanks at the end.

For successful completion of the program Manthan club members Ashutosh Falgaonkar TE IT, Purva Katkar TE IT, Aekagra Dhamini TE E&TC, Aishwarya Hargude TE E&TC, Chaitra Deshpande TE E&TC, Anshulika Borse TE E&TC, Shmabhuraje Bhosale SE E&TC and Mahesh Waghmode TE E&TC took efforts.



Principal Dr. T. K Nagraj felicitated the expert person Mr. Pradeep Pani



Mr. Pradeep Pani guiding the students for self Development



Organising Committee BSIOTR MANTHAN Club members with Mr. Pradeep Pani

Learning outcomes from the session:

Learning objectives	PROGRAM OUTCOMES (POs)
Confidence in speech	PO8, PO10, PO12
Formal Interaction methods	PO6, PO8, PO9, PO10, PO12
Impressive body language	PO8, PO10, PO12
Achieving goals	PO2, PO7, PO8, PO10 PO12
Self-development by proper decisions	PO2, PO6, PO8, PO9, PO10, PO12

A. Meenakshi
A. Meenakshi
ETSA Coordinator



Dr. Y.S. Angal
Dr. Y.S. Angal
H.O.D. E&TC
Electronics & Telecommunication Dept.
Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune-412207

Dr. T.K. Nagaraj
Dr. T.K. Nagaraj
Principal
Bhivarabai Sawant Institute Of Technology & Research
Wagholi, Pune- 412207.





**Jayawant Shikshan Prasarak Mandal's
Bhivarabai Sawant Institute of Technology & Research**

(Approved by AICTE New Delhi, DTE Mumbai and Affiliated to Savitribai Phule Pune University)

Accredited by NBA and NAAC

Gat No. 719/1 & 2, Wagholi, Pune-Nagar Road, Pune-412207

Ph : 020-067335108, 65217050, 67335100

Website : <https://jspmbsiotr.edu.in/>



**AICTE & JSPM FUNDED
STUDENTS' CLUB UNDER THE**

SCHEME PROMOTING INTERESTS, CREATIVITY AND ETHICS AMONG STUDENTS (SPICES)


"BSIOTR MANTHAN"

AY-2022-23

Date: 15/05/2023

Title of Program: Seminar on "Embedded Systems"

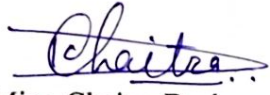
SR. NO	DATE	Name of participant	Particulars	Account Head	Invoice No.	Quantity	Amount	Total cost per bill
1.	16-05-2023	GH Nawaskar	Petrol bill	Travelling			90/-	90/-
2.	16-05-2023	Shree Ganesh Flex	Flex	Printing		12	576/-	826/-
3.	16-05-2023	Mr. Shubham Sharma	Flex	Printing		10	250/-	
4.	17-05-2023	S.K Sports	Travelling & Honourium	Travelling & Honourium	0	22	2000/-	2000/-
5.	17-05-2023	S.K Sports	Memento	Travelling & Honourium	0	22	1250/-	1250/-
TOTAL							4166/-	


Mr. Aekagra Dhamani
TE(E&TC)

Student Coordinator
Treasurer

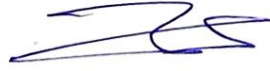

Mr. Manesh Waghmode
TE(E&TC)

Event Coordinator
MANTHAN Club


Miss. Chaitra Deshpande
TE (E&TC)

Student Coordinator
MANTHAN Club


Dr. Y. S. Angal
Electronics & Telecommunication Dep
Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune-412207
Faculty Coordinator
BSIOTR MANTHAN Club


Dr. T. K. Nagaraj
Principal
Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune-412207
(BSIOTR)



JSPM's Bhivarabai Sawant Institute of Technology & Research Wagholi,
Pune, 412207

(Approved by AICTE New Delhi, DTE Mumbai and Affiliated to Savitribai Phule Pune University)

Accredited by NBA, New Delhi and NAAC, Bengaluru

STUDENTS' CLUB UNDER THE SCHEME Promoting Interests, Creativity and Ethics among
Students (SPICES)

AY-2022-23

BSIOTR MANTHAN

Organizes A Seminar on "Embedded Systems"

Date : 16th May, 2023

Spokesperson: Mr. Shubham Sharma

(Branch Manager Sofcon India Pvt.Ltd.Pune)

Time : 11:30 AM

Venue: Class Room 214



Date: 16th May, 2023

Report on Seminar on "Embedded Systems" organized by BSIOTR MANTHAN Club Students

Name of Event	Seminar on "Embedded Systems"
Organized Under	AICTE SPICES BSIOTR MANTHAN Students' Club
Date of Event	16 th May, 2023
Location of Event	D2 building, Class 214
Number of Persons Attending	48
Sponsoring Organization(s)	All India Council for Technical Education (AICTE), New Delhi and Management of JSPM's Group of Institution
Program Director Name	Dr. T.K Nagaraj
Program Co-Coordinator Name	Dr. Y.S. Angal
Technical Team Lead Name	Mr. Mahesh Waghmode TE(E&TC)
Name of the resource person	Mr. Shubham Sharma

1. Objective of the seminar:

Sr no.	Industrial visit Objectives	Corresponding outcomes COs /POs mapping
1)	To know theories, they learn in the classroom being applied in real-life settings.	PO1, PO5, PO9, PO11, PO12, PO2, PO3
2)	To enhance their skills-set in the area of their expertise	PO1, PO5, PO9, PO12
3)	To acquire and apply fundamental principles of science and engineering.	PO1, PO6, PO8

2. Brief Information about company:

Sofcon is well established Automation company located in Pune, it provides trained engineers for production, maintenance, designing, programming and project base profile to different manufacturing, automation, embedded, Mechanical, Solar and engineering facilities across the country

3. Content delivered / discussed in "Seminar on Embedded Processors" :

JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi (VC Room) had organized a "Seminar on "Embedded Systems" on 16th May, 2023. The expert person Mr. Shubham Sharma(Branch manager Safcon Pune) conducted the seminar on behalf of Safcon India Pvt. Ltd. Pune.

The seminar was carried out at Bhivarabai Sawant Institute of Technology and Research , Pune on 16th May, 2023, 2023 for Semester VI and VIII Electronics and Telecommunication Engineering Students. Head of the department and MANTHAN Club program Coordinator Dr. Y.S.Angal , Prof. Meenakshi Annamalai, Prof. Sneha Dhere, Prof. Poonam Gawde, Prof. Manoj Sonawane and Prof. Aniket Gunjal, Prof. Nilesh Mohota, Dr. A.L. Wanare along with 48 students were present for the event.

Students of MANTHAN CLUB observed various Electronic components like ARDUINO, Raspberry Pie, Microcontroller, various sensors, motors, PCB and types, various input output components like Fan, LEDS, Buzzers, project models, IOT devices, expert Mr. Shubham Sharma,(Branch Manager Sofcon India Pvt.Ltd. ,Pune) explained some real life projects using different microcontrollers. Different simulations were explained. Expert explained about the challenges needed in industry for a successful embedded engineer.

4. Summary of the Seminar :

- Students got familiar with hardware technologies like Arduino , Rasperry Pie , Microcontroller etc.
- Students got to know the working of many input and output components like Fan , LEDs , Buzzers , IOT devices.
- Students experienced LIVE working of many input and output components on PCB board.
- Simulation of devices with working was explained to the students.



JSPM'S
BHIVARABAI SAWANT INSTITUTE OF
TECHNOLOGY & RESEARCH, WAGHOLI,
PUNE - 412207
(ACCREDITED BY NAAC AND NBA)



JSPM'S BSIOTR MANTHAN CLUB
in association with
IETE Student's Forum BSIOTR (ISF - BSIOTR)

organizes
Workshop
on Embedded System
- By Sofcon India Pvt Ltd
Pune

Date : 16th May, 2023

Time : 11: 30 AM

Venue : Room 214



Mr. Shubham Sharma
Branch Manager

Flyer of the Seminar on "Embedded Systems" organized by IETE student's chapter (BSIOTR ISF) Pune

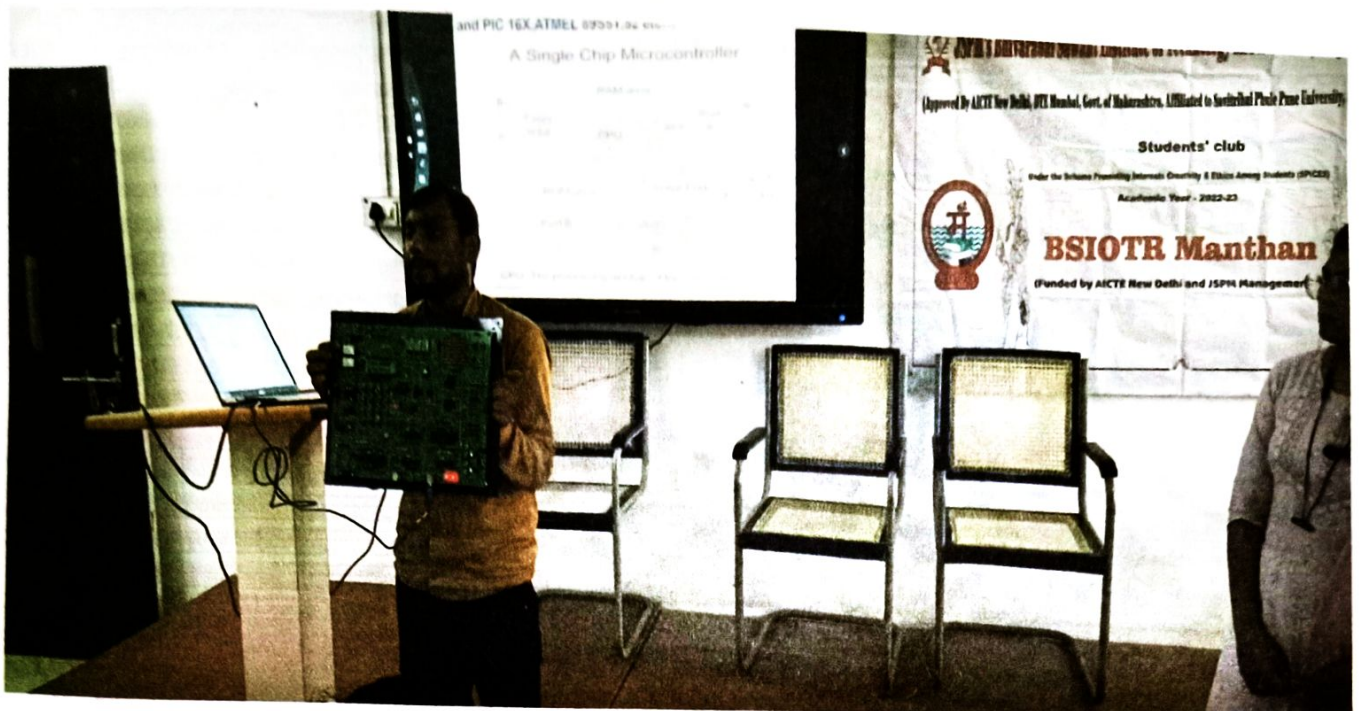


Photo 1: Mr. Shubham Sharma displaying Embedded Systems- interfacing microcontroller board



Photo 2: Real time components demonstration by Mr. Shubham Sharma (Safcon Pune)





Photo 3 & 4 : Mr. Shubham Sharma(Safcon India Pvt. Ltd. Pune), Dr. Y.S.Angal, Dr. A.L.Wanare, Prof. S. D. Dhere, Prof. P. V. Gawade, Prof. M. S. Sonawane, Prof. Nilesh Mohota with students of TE and BE E&TC



Photo 5 : Mr. Shubham Sharma(Safcon India Pvt. Ltd. Pune), Dr. Y.S.Angal, Dr. A.L.Wanare, Prof. S. D. Dhere, Prof. P. V. Gawade, Prof. M. S. Sonawane, Prof. Nilesh Mohota with IETE student co-ordinator Abhijeet Chaudhary and TE and BE E&TC students.


OUTCOME:	
Sr.no	Outcome
1.	Improved critical thinking skills
2.	Increased student retention of information learned
3.	Improved listening note-taking skills and increased self-confidence
4.	Enhanced teamwork skills and collaboration
5.	More confidence to stand up for the truth when a discussion is promoting falsehoods or inaccuracies
6.	Learning better ways to state one's point with gentleness graciously
7.	Helping students identify holes in their theories and concocting more balanced arguments
8.	Helping students better structure their thoughts

Scheme	Coordinators name
Coordinators	
Lead	Mr. Ashutosh Falgaonker TE(IT)
Lead	Miss.Chaitra Deshpande TE(E&TC)


Technical Comittee	Members Name
Club Coordinator	Mr. Mahesh Waghmode TE(E&TC)
Executive Member	Mr. Bhargavi Joshi TE(E&TC)
Executive Member	Mr. Ujef Shaikh TE(E&TC)

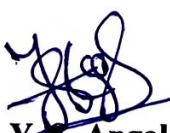
This Event was organized by BSIOTR MANTHAN Students' Club and Technical Committee of BSIOTR MANTHAN Students' club.

Report Prepared by		
Mr. Aekagra Dhamani	TE(E&TC)	JSPM'S BSIOTR


Mr. Mahesh N. Waghmode
 TE(E&TC)
 Technical Team Student
 Lead


Miss. Chaitra Deshpande
 TE(E&TC)
 Student Coordinator
 MANTHAN Club


Mr. Ashutosh Falegavkar
 TE(E&TC)
 Student Coordinator
 MANTHAN Club


Dr. Y. S. Angal

HOD, E & TC
 (Program Co-ordinator)


Dr. T.K. Nagaraj

PRINCIPAL
PRINCIPAL
 (BSIOTR)
 3.P.M.'S Bhivani Savant Institute of
 Technology & Research
 Wagholi, Pune- 412207





JSPM's Bhivarabai Sawant Institute of Technology & Research

Wagholi, Pune.412207

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Accredited by NBA, New Delhi and NAAC, Bengaluru

STUDENTS' CLUB UNDER THE SCHEME Promoting Interests, Creativity and Ethics among

Students (SPICES)

AY-2022-23

BSIOTR MANTHAN



Date: 16th May, 2023

Seminar on "Embedded Systems"

Attendance

Sr No.	Roll No.	Name	Class	Department	Category	Sign
1.	40	Prathmesh Nemade	SE	CS	open	Prathmesh
2.	13	Abhishek Chavan	SE	CS	open	Abhi
3.	43	Pranav Prajapati	SE	CS	open	Pranav
4.	3209	Chaitra Deshpande	TE	ENTC	open	Chaitra
5.	3204	Caaron Thakur	TIF	ENTC	OBC	Caaron
6.	20	Gauri Wankhade	TE	CS	open	Gauri
7.	3013	Nikita Munu	TRE	ENTC	OBC	Nikita
8.	3213	Aishwarya Gole	TE	ENTC	open	Aishwarya
9.	3208	Anushilke Borde	TE	ENTC	OBC	Anushilke
10.	49	Adnan Shaikh	SE	CS	open	Adnan
11.	3215	Meghsham Jade	TE	ENTC	OAC	Meghsham
12.	2168	Aryen Werna	SIE	IT	OBC	Aryen
13.	4166	Kunal ugale	BE	electrical	open	Kunal
14.	3202	Deekagra Dhamai	TE	ENTC	open	Deekagra
15.	2022	Kale Soukret	SE	IT	OENG	Kale
16.	50	Kamble Ravindra	TE	CS	OBC	Ravindra
17.	49	Adnan Shaikh	TIF	CIS	OBC	Adnan
18.	3224	Abhay Mane	TE	ENTC	Open	Abhay
19.	44	Paath Vilas	TE	CS	open	Vilas
20.	2103	Karude Meghraj	SIE	IT	OBC	Karude
21.	3212	Sheetal Gat	TE	ENTC	OBC	Sheetal
22.	2103	Chetan Bahule	SIE	IT	OPEN	Chetan
23.	58	Thore Ganesh	SE	CS	open	Ganesh
24.	2018	Rohan Zil	SIE	IT	OBC	Rohan
25.	3235	Kishori Randive	TE	ENTC	Open	Kishori
26.	2135	Rashi Nagar	SIE	EFT	OBC	Rashi
27.	18	Dhokchaule Tejas	SE	CS	OBC	Tejas
28.	3114	Tejar Deshmukh	TIC	IT	OBC	Tejar
29.						

65	Koishna Naoode	TE	CS	open	Krishna
2235	Nishant Pawar	SE	ENTC	OBC	Nishant
2151	ROHAN ERMANDE	T.E	CS	OBC	Rohan
33. 56	Gaurav Ambekar	TE	CS	open	Gaurav
34. 3049	Chetan Deshpande	T.E	ENTC	MT	Chetan
35. 3226	Rutuja Mane	TE	ENTC	open	Rutuja
36. 2111	Chunabai Nela	SE	IT	OPEN	Chunabai
37. 29	Shubham Nile	TE	CS	open	Shubham
38. 3001	Arun Sakale	T.E	ENTC	OBC	Arun
39. 2211	Piyush Chauhan	SE	ENTC	OBC	Piyush
40. 3201	Adarsh Doolan	T.E	IT	OBC	Adarsh
41. 56	Shelar Rutik	TE	CS	OBC	Rutik
42. 3235	Kishori Rindive	BE	ENTC	open	Kishori
43. 09	Pranali Patilwad	TC	mech	open	Pranali
44. 2231	Tushar Mourya	SE	ENTC	open	Tushar
45. 22	Bhargav Patole	TE	mech	open	Bhargav
46. 01	Adhar gaytri	TE	CS	open	Adhar
47. 13	Sanket Kodlinge	TE	mech	SC	Sanket
48. 01	Abhishek Bawajke	TE	mech	open	Abhishek
49. 07	Mukund Dhumdhen	TE	mech	open	Mukund
50. 1803	Alok Singh	BE	CS	OBC	Alok
51. 15	Kunal Supriya	TE	mech	SC	Kunal
52. 25	Shrihari Pawar	TE	mech	open	Shrihari
53. 41	Patil Shreyas	SE	CS	open	Patil
54. 04	Sagar Dalvi	TE	mech	open	Sagar
55. 3238	Jayanti Salunkhe	TE	ENTC	open	Jayanti
56. 06	Dinesh Dandekar	TE	mech	open	Dinesh
57. 10	Ahavan Saurabh	TE	mech	open	Ahavan
58. 46	Panwar Aditya	SE	CS	open	Panwar
59. 09	Mahesh Dandekar	TE	mech	open	Mahesh
60. 16	Kumbhar Sanjay	TE	mech	open	Kumbhar
61. 03	Balaji Pawar	TE	mech	open	Balaji
62. 36	Waleunj Prasad	TE	mech	open	Waleunj
63. 1102	Bhushan Ahire	SE	CS	open	Bhushan
64. 28	Sagar Mahadew	TE	mech	SC	Sagar
65. 34	Jawate Ramchad	TE	mech	OBC	Jawate
66. 3254	Rajnandini T	TE	ENTC	OBC	Rajnandini
67. 05	Talwar Kartika	TE	mech	SC	Talwar
68. 27	Sumil Sudhakar	TE	mech	open	Sumil
69. 46	Shubham Raut	SE	CS	Open	Shubham
70. 35	Ketki Mhaske	S.E	mech	open	Ketki
71. 01	Adarsh Sebel	T.E	mech	open	Adarsh
72. 3230	Kunal Narwade	TE	ENTC	open	Kunal
73. 11	Hire Taru		mech	SC	Hire
74. 24	Pawar Krishna		mech	OBC	Pawar
75. 3256	Mahesh Waghmode	TE	ENTC	OBC	Mahesh



**Jayawant Shikshan Prasarak Mandal's
Bhivarabai Sawant Institute of Technology & Research**

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Accredited by NBA and NAAC

Gat No. 719/1 & 2, Wagholi, Pune-Nagar Road, Pune-412207

Ph : 020-067335108, 65217050, 67335100

Website : <https://jspmbsiotr.edu.in/>

**AICTE & JSPM FUNDED
STUDENTS' CLUB UNDER THE**

SCHEME PROMOTING INTERESTS, CREATIVITY AND ETHICS AMONG STUDENTS (SPICES)

"BSIOTR MANTHAN"

AY-2022-23



DATE: 25/04/2023

Title of Program: IETE National Level Project Competition at JSPM's BSIOTR

SR. No.	Date	Name of Suppliers / Vendor	Particulars	Account Head	Invoice No.	Quantity	Amount	Total cost per bill
1.	25-04-2023	Chandra nursery	Plants	Felicitation Expenses	23	2	200	200/-
2.	25-04-2023	Chandra nursery	Rose Plants	Felicitation Expenses	21	4	160	160/-
3.	25-04-2023	Shrisha Gift House	Gift Paper	Stationary	1905	5	50	50/-
4.	25-04-2023	HINGLAJ	Decoration	Stationary	1713	6	60	60/-
5.	25-04-2023	Shrisha Gift House	Decoration	Stationary	1909	3	60	60/-
6.	25-04-2023	Chandra Nursery	Plants	Felicitation Expenses	20	12	380	380/-
7.	25-04-2023	Santosh readymade	Carry bags & Shall	Consumable	808	3	270	270/-
8.	25-04-2023	Mataji Super Market	Coconut for Felicitation	Consumable	0	2	50	50/-
9.	25-04-2023	HINGLAJ	Blue Pens	Stationary	1714	9	90	90/-
10.	26-04-2023	Cafeteria Canteen JSPM Wagholi	Refreshment Expenses	Food & Refreshment	-	20	200	3190/-
11.	26-04-2023	Cafeteria Canteen JSPM Wagholi		Food & Refreshment	-	10	200	
12.	26-04-2023	Cafeteria Canteen JSPM Wagholi		Food & Refreshment	-	20	440	
13.	26-04-2023	Cafeteria Canteen JSPM Wagholi		Food & Refreshment	-	25	400	
14.	26-04-2023	Cafeteria Canteen JSPM Wagholi		Food & Refreshment	-	100	1500	
15.	26-04-2023	Cafeteria Canteen JSPM Wagholi		Food & Refreshment	-	30	450	
GRAND TOTAL								4510/-

Mr. Ackagra Dhamani
TE(E&TC)

Student Coordinator Treasurer
MANTHAN Club

Mr. Mahesh Waghmode
TE(E&TC)

Event Coordinator
MANTHAN Club

Miss. Chaitra Deshpande
TE (E&TC)

Student Coordinator
MANTHAN Club

Dr. Y. S. Angal
H.O.D.

Electronics & Telecommunication Dep
Bhivarabai Sawant Institute of Technology & Research
Wagholi, Pune-412207
Faculty Coordinator BSIOTR
MANTHAN Club

Dr. T. K. Nagaraj

PRINCIPAL
Bhivarabai Sawant Institute of Technology & Research
Wagholi, Pune-412207
Principal (BSIOTR)



**JSPM's Bhivarabai Sawant Institute of Technology and Research,
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Students' club Under the Scheme Promoting Interests Creativity & Ethics Among Students (SPICES)



Academic Year - 2022-23

BSIOTR Manthan

(Funded by AICTE New Delhi and JSPM Management)



Date: 26/04/2023

Report of Final Round “National Level IETE Project Competition 2023 in Association with BSIOTR MANTHAN”



Name of Event	“National Level IETE Project Competition 2023 in Association with BSIOTR MANTHAN”
Organized Under	AICTE SPICES BSIOTR MATHAN Students' Club & IETE Pune Centre
Date of Event	26 th April , 2023
Location of Event	JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune-412207
Number of Persons Attending	232
Travelling Expenses of participation funded by	All India Council for Technical Education (AICTE), New Delhi & Management of JSPM Group of Institutes, Pune & IETE, Pune Centre , Self sponsored
Principal	Dr. T.K Nagaraj
Program Co-Coordinator Name	Dr. Y.S. Angal
Technical Team Lead Name	Mr. Mahesh Waghmode
Concerned Club Name	C.V. Raman Club (Technical Club)

❖ Brief report about competition:

The National Level Intercollegiate Project Competition was conducted at BSIOTR on 26/04/2023 in association with IETE Pune Centre. The Competition was inaugurated in august presence of **Mr. Anil Bhosale, Director, JSPM Group of Institute** and by the auspicious hands of **Dr. R. D. Kharadkar, Immediate Past Chariman IETE, Pune Centre, Dr.T.K.Nagaraj, Principal BSIOTR, Mr.Krishan Pal Director, Incedo Technology Pvt Ltd, Pune and Mr. Amol Shinde, Senior Manager, Incedo Technology Pvt Ltd.** These dignitaries were guest of hour during the Inaugural Program. We experienced excellent response and self-involvement by almost all groups of students who participated in IETE project competition. All Judges evaluated all projects allotted to them and we shortlisted 13 groups for second round for final selection of IETE projects from BSIOTR Centre. After evaluation of project in Second Round (shortlisting from shortlisted 13 projects from first round). We have shortlisted 3 projects with 5 Groups as mentioned in above list. **Shri. Krishan Pal (Director, Incedo Technology Pvt Ltd, Pune), Shri. Amol Shinde(Senior Technical Manager, Incedo Technology Pvt Ltd, Pune), Dr.Amol Bhoi (GHRAISONI, Pune), Dr.Omprakash Rajankar (Dhole Patil COE,Pune), Prof.Vipin Vibhute (DYPCOE Akurdi), Prof. Kiran Patil(ICOER,Pune), Prof. Anand Trikolikar(ICOER,Pune)** worked as evaluator and Judges for the Competition. We are thankful to **Dr.V.V.Shete, Chairman IETE Pune Centre and Dr. D.G. Bhalke, Secretary, IETE Pune Centre and all EC members of IETE Pune Centre for giving us opportunity to host this event as one of the centre for IETE Project Competition.** We are especially thankful to management JSPM for supporting this event for successful implementation.

❖ Summary:

No of Group Registered:	66
No of Group Participated:	62
No. of Industrial Judges:	02
No of Academic Judges:	05
No of Certificates Required For Participants/Judge/Coordinator/Volunteers:	232

❖ Details of first three winners:

Sr No.	Title of Project	Name of College	Name of Student(s)	Abstract of Project
1	IoT based SMART Farming	Dhole Patil College of Engineering, Pune	Pritam Mondal	<p>Project enables farmers to manage their farms remotely. The primary goal is to support existing farmer as well as new farmer who want to start farming as their side income source by remote farming. Farmers can monitor numerous environmental elements including temperature, humidity, soil moisture levels and tank water levels in real-time with the use of IoT devices. They can also control the fertilization process and pests' control remotely. They can monitor their crops using robot they can get the live video potage on their device. This will help farmer to maximize agricultural yield, lower waste, and boost profitability as a result.</p> <p>Additionally, smart farming systems give farmers useful knowledge about crop development and disease prevention, empowering them to make data-driven decisions and take preventative action to avoid crop losses. IoT-based smart farming systems may also be remotely accessed and managed via smartphones and other connected devices, giving farmers the flexibility to manage their operations whenever and wherever they choose.</p>
			Satya Rajput	
			Shreyasi Phadtare	
			Samrudhi Shrotri	
			mondalrumki02@gmail.com , satyarajput1008@gmail.com , shreyasi.phadtare1633@gmail.com , samrudhishrotri@gmail.com yengeanteshwar40@gmail.com	

2	Arduino Based CNC Machine	JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune	<p>Abhijeet T. Chaudhary Avinash B. Ghalme</p> <p>avhijeet3@gmail.com avinashghalme8@gmail.com</p>	<p>In this Project Arduino nano is used as a controller. Input is given in the form of the pixel, later it is convert into the a code.A code is the input to the Arduino on the output of the Arduino motor drivers IC's are present which operates the servo motor & Stepper motor which writes the pixel by the pen mechanism as it is given by input. In any organisation legal work is done by legal documents consider authentic by the signature. But sign can be duplicate by using CNC machine.we can do it. As a student of E&TC Department our suggestion is to go with technology. Everybody should have the digital sign. Nowadays it is used in a government sector.</p>
3	Military Spying Robot	JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune	<p>Ashlesha Takale Anjali Takale</p> <p>ashleshatakle70@gmail.com takleanjali11@gmail.com</p>	<p>This project is based on Military Spying Robot ,The intention of this system is to reduce human victims in terrorist attack such as 26/11. So this problem can be overcome by designing the RF based spy robot which involves wireless Devices, So that from this it will be easy to examine rivals when it required. This robot can quietly enter into enemy area and sends us the information via wireless Devices. Robotics has been a staple of advanced manufacturing for over half a century. As robots and their peripheral equipment become more sophisticated, reliable and miniaturized, these systems are increasingly being utilized for military and law enforcement purposes. With the change in geopolitics, the security of every country's sovereignty</p>

				<p>and territory has become an important aspect, the consequence of which major economics are prioritizing advancements in the Defense sector. The combination of artificial intelligence and automation in robotic systems has been extensively utilized in military types of equipment while spying and patrolling are two of the key applications</p> <p>Mobile robotics play an increasingly important role in military matters, from patrol to dealing with potential explosives. Bluetooth technology aims to exchange data wirelessly at a short distance using radio wave transmission comprising features to create ease, perception and controllability Additionally , Military Spying Robot in software Part For authentication , by Using Haar cascade algorithm for face recognition Check the User/ Person is authorised or Unauthorised</p>
4	Automatic Solar Tracker Using Arduino	JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune	<p>1)Pratik S. Tale 2) Ashutosh R. Thakur 3) Anteshwar N. Yenge 4) Kuber A. Ubale 5)Nishant S. Pawar at811702@gmail.com nishatnpawar1378@gmail.com kuberubale2003@gmail.com talepratik6@gmail.com yengeanteshwar40@gmail.com</p>	<p>This project aims to design and develop a Sunlight Tracker using Arduino, which is an open-source microcontroller platform. The Sunlight Tracker is a device that follows the sun's position throughout the day and ensures that the solar panel is always perpendicular to the incoming sunlight. The system uses a servo motor to rotate the solar panel and an LDR sensor to detect the sun's position. The Arduino microcontroller processes the input from the LDR sensor and controls the servo motor to adjust the solar panel's position. The Sunlight Tracker is</p>

				designed to be low-cost, easy to build, and customizable. The project's outcome is expected to improve the efficiency of solar panel systems, resulting in higher energy output and cost savings for users
E-Driving License Management System	Imperial College of Engineering and Research, Wagholi, Pune	<p>Sweta More = 7229098804 Swetamore0330@gmail.com</p> <p>Neeraj Raje = 8600135959 neerajraje55@gmail.com</p> <p>Prajakta Navatake = 7620570866 prajaktabn41@gmail.com</p>		<p>To prevent non-licensees from driving and causing accidents, a new system is proposed. An important and very reliable human identification method is fingerprint identification. Fingerprint identification is one of the most popular and reliable personal biometric identification methods. The proposed system consists of a data base it storing the fingerprint of particular person. While issuing the license, the specific person's fingerprint is to be stored in the data base. Vehicles such as cars, bikes etc should have a fingerprint reader and have capable to read the particular persons license details. In this system every automobile should have the facility of fingerprint reader device. A person, who wishes to drive the vehicle, should swipe his/her finger (license) in the vehicle. If the finger print stored in the card and fingerprint swiped in the device matches, he/she can proceed for ignition, otherwise ignition will not work. Moreover, the seat belt detector verifies and then prompts the user to wear the seat belt before driving. This increases the security of vehicles and also ensures safe driving by preventing accidents. In case the car is started by the influence of valid licensed person. There</p>

			is a chance to change the driver. So we are additionally improving our license verification system in rad side also by the help of police verification system
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❖ Details of Judges:

Sr No	Name of Evaluator	Name of Organisation & Designation	Phone No and email id	Account details
01	Mr. Krishna Pal	Director Incedo Technology Pvt Ltd, Pune	9561240228 krishan.pal@incedoinc.com	Bank Name : HDFC Bank Address: Survey No. 244/345, Rajiv Gandhi Infotech Park, Nr.Tata Jhonson Controls, Pune Savings Account No. 07941610060737 IFSC Code: HDFC0000794
02	Mr. Amol Shinde	Technical QA Manager Incedo Technology Pvt Ltd, Pune	9970342187 amol.shinde@incedoinc.com	Bank Name : HDFC Bank Address: Survey No. 244/345, Rajiv Gandhi Infotech Park, Nr.Tata Jhonson Controls, Pune Savings Account No. 07941610039387 IFSC Code: HDFC0000794
03	Dr.Amol Bhoi	Professor (E&TC) G.H. Raisonni Institute of Engg. & Tech. Pune	Mobile No. 9028 450 440 Email id: amol.bhoi@raisonni.net	Not want to get honorarium
04	Dr.Omprakash Rajankar	Professor and HOD(E&TC) Dhole Patil College of Engineering , Pune	Mobile No: 9881440260 Email Id: dromprakashrajankar@dpc oepune.edu.in	Bank Name : COSMOS Bank Address: Koregaon Park, Pune -411001 Savings Account No. IFSC Code: COSBOOOO026
05	Prof. V.S.Vibhute	Dr. D.Y. Patil College of Enginering, Akurdi	Mobile No.: 9823584172 Email Id: vipinv23@gmail.com	Bank Name : Union Bank of Inia Address: Pimpri-Chinchwad Savings Account No.: 111710011000256 IFSC Code: UBIN0811173
06	Prof. Nitin	Imperial College of	Mobile No.: 7972813403	Bank Name: ICICI

	Trikolika	Engineering and Research, Wagholi, Pune	Email Id: anandt15@gmail.com	Bank Address: Wagholi Savings Account No: 000501654578 IFSC Code: ICIC0001727
07	Prof Kiran Patil	Imperial College of Engineering and Research, Wagholi, Pune	Mobile No.: 9665762715 Email Id: patilkiranmanojkumar@gmail.com	Bank Name : HSBC Premier Address: Amar Avinash Corporate City, Sector No.11, Bund Garden Road, Pune-411001 Savings Account No.: 105-836738-001 IFSC Code: HSBC0411002

❖ Photographs of the event :



Photo 1 : Felicitation of Guest of Honour, Dr.R.D.Kharadkar, Immediate Past Chairman IETE Pune Centre,



Photo 2: Address by Shri. Anil K Bhosale, Director JSPM and TSSM Group of Institutes



Photo 3: Dr. Y. S. Angal, (HOD(E&TC)), guidelines for all Participants



Photo 4: ISF Volunteers with Guest during IETE National Level Project Competition

24.	TE	Sakshi Jadhav	
25.	SE	Chaudhary Sanchit	
26.	SE	Sanyal Patel	



Photo 5: Meeting with Judges of IETE Project Competition



Photo 6: Photograph with second round shortlisted students in IETE Project Competition at BSIOTR



Photo 7: Project Evaluation by Prof. Kiran Patil

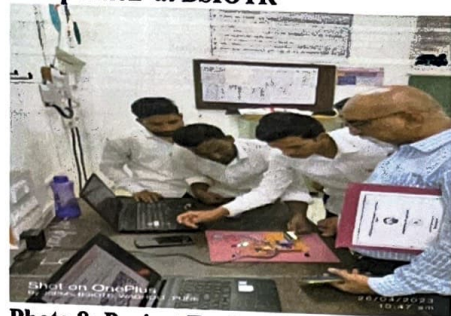


Photo 8: Project Evaluation by Dr. Amol Bhoi



Photo 9: Project Evaluation by Prof. Anand Trikolikar



Photo 10: Project Evaluation by Shri. Amol Shinde



Photo 11: Project Evaluation by Prof. V.S. Vibhute



Photo 12: Participants full involvement in project Presentation

Outcomes:

A project competition, such as the one organized by [IETE Pune Centre], brings forth a plethora of outcomes that significantly impact participants, organizers, and the field at large. These outcomes underscore the transformative power of such events in promoting innovation, learning, and personal growth.

This Event was organized by the BSIOTR MANTHAN Students' Club and Technical Committee of BSIOTR MANTHAN Students' Club.

Report Prepared by		
1) Dr. A.L Wanare	IETE, Member	JSPM BSIOTR
2) Prof. Meenakshi A.	IETE, Member	JSPM BSIOTR

Scheme	Coordinators name
Coordinators	
Lead	Mr. Ashutosh Falegaonker
Lead	Miss.Chaitra Deshpande

Technical Committee	Members Name
Club Coordinator	Mr. Mahesh Waghmode
Executive Member	Mr. Ankit Tiwari
Executive Member	Mr. Lakshman Sharma


Mr Mahesh Waghmode

Technical Club

Team Student Lead


Miss. Chaitra Deshpande

MANTHAN Club

Student Lead


Dr. Y.S. Angal

H. O. D.
Electronics & Telecommunication Dep.
Bhivarabai Sawant Institute of
Technology & Research
(Program Co-ordinator)
Wagholi, Pune- 412 207




Dr. T.K. Nagaraj

PRINCIPAL
B.P.M.'S Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune- 412207
(Program Director)



Jayawant Shikshan Prasarak Mandal's Bhivarabai Sawant Institute of Technology & Research

(Approved by AICTE New Delhi, DTE Mumbai and Affiliated to Savitribai Phule Pune University)

Accredited by NBA and NAAC



National Level IETE Project Competition 2023 in association with BSIOTR MANTHAN Club

Date:- 26/04/2023

Attendance Sheet

Sr.No	Class	Name	Sign
1.	SE	Aryan Varma	Aryan
2.	TE	Chaitra Deshpande	Chaitra
3.	TE	Aishwarya Gole	Aishwarya
4.	TE	Abhay Mane	Abhay
5.	SE	Rohit Kokane	Rohit
6.	TE	Meghsham Jade	Meghsham
7.	TE	Priyanka Patil	Priyanka
8.	SE	Adnan Shaikh	Adnan
9.	SE	Kunal Deshpande	Kunal
10.	SE	Prathamesh Tayade	Prathamesh
11.	TE	Shubham Pawar	Shubham
12.	SE	Pradeep Koli	Pradeep
13.	TE	Kunal Narwade	Kunal
14.	SE	Ritesh Kolhe	Ritesh
15.	TE	Abhishek Ghavran	Abhishek
16.	TE	Sheetal Gat	Sheetal
17.	SE	Pranjapti Poanav	Pranjapti
18.	SE	Viraj Pandit	Viraj
19.	SE	Abhay Deshmane	Abhay
20.	TE	Kishori Raudine	Kishori
21.	TE	Meghsham Dhamani	Meghsham
22.	SE	Rameshwar Chinde	Rameshwar
23.	BE	Mounal Tati	Mounal
24.	TE	Sakshi Tadhar	Sakshi
25.	SE	Chaudhary Sonchit	Chaudhary
26.	SE	Sampark Patil	Sampark

	SE	Pratik . P.	Pratik . P.
28.	TE	Abhishek Chavan	Abh
29.	TE	Anushka Umale	Anushka
30.	TE	Gauri Wankhade	Gauri
31.	SE	Sanket Yelam	Sanket
32.	SE	Kunal Ugale	Kun
33.	TE	Rutuja Mane	Rutuja
34.	TE	Kamblé Ravindra	Kamblé
35.	SE	Harshvardhan . A.	Harshvardhan
36.	SE	Prath Dorekar	Prath
37.	SE	Ashutosh Thakur	Ashutosh
38.	TE	Thorve Ganesh	Thorve
39.	SE	Tushar Kolhe	Kolhe
40.	SE	Dhokchaule Tejay	Tejay
41.	SE	Nishant Pawar	Nishant
42.	TE	Shubham Nile	Shubham
43.	SE	Sanket Kale	Kale
44.	OS	Krishna HooDe	Krishna
45.	TE	Pradeep Kolhi	Pradeep
46.	SE	Vedant Bhogé	Vedant
47.	SE	Rohan Lokhande	Rohan
48.	SE	Ritesh Avachar	Ritesh
49.	TE	Aekagra Dhamani	Aekagra
50.	SE	Ritesh Avachor	Ritesh
51.	SE	Gaurav Pandhaskar	Gaurav
52.	TE	Harshwardan Jare	Harshwardan
53.	TE	NAMEERA Attar	NAMEERA
54.	TE	Shubham Sawant	Shubham
55.	SE	Siddhant Mane	Siddhant
56.	TE	Vaishali Peshmukh	Vaishali
57.	TE	Azmaan Shaikh	Azmaan
58.	TE	Gaurai Aniket	Gaurai
59.	SE	Ranjit Kamble	Ranjit
60.	TE	Tambe Ramesh	Tambe
61.	TE	Rohini Chavan	Rohini
62.	SE	Tambe Rutuja	Tambe
63.	SE	Ganesh Kulkarni	Ganesh
64.	SE	Mane Harshal	Mane
65.	SE	Sasane Rutuja	Sasane
66.	SE	Gauri Raway	Gauri
67.	SE	Aarya Gundu	Aarya

69.	TE	Janhavi Salunkhe	J. Salunkhe
70.	TE	Kunal Wadile	Kunal
71.	SE	Diya Gandhi	Diya
72.	SE	Mauli Karche	Mauli
73.	TE	Swaraj Jadhav	Swaraj
74.	TE	Devendra Tayade	Devendra
75.	SE	Gunjan Ahirrao	Gunjan
76.	SE	Ritesh Patil	R.P.P.
77.	TE	Shubham Chatur	Shubham
78.	TE	Vaibhav Shelke	Vaibhav
79.	SE	Bade Tejas	Bade
80.	SE	Rushikesh K	Rushikesh
81.	TE	Shelar Rutik	Shelar
82.	SE	Pranita Chauve	Pranita
83.	SE	Sumbit Havenikar	Sumbit
84.	SE	Abigait Patil	Abigait
85.	TE	Adhav Goyatri	Adhav
86.	TE	Gaurav Dhokchaule	Gaurav
87.	SE	Jadhav Aditya	Jadhav
88.	SE	Sagar Gogjare	Sagar
89.	SE	Alok Singh	Alok
90.	SE	Tushar Mourya	Tushar
91.	SE	Girish Raut	Girish
92.	SE	Megharaj Korade	Megharaj
93.	SE	Omeshree Gavhane	Omeshree
94.	SE	Piyush Chavan	Piyush
95.	SE	Patil Shreya	Patil
96.	TE	Tejas Mehetre	Tejas
97.	SE	Abhishek Birajdar	Abhishek
98.	SE	Pranita Gadgil	Pranita
99.	SE	Panwar Aditya	Panwar
100.	TE	Ashutosh Palegaonkar	Ashutosh
101.	SE	Shritej Sankpal	Shritej
102.	TE	Purna Katkar	Purna
103.	SE	Bhushan Ahire	Bhushan
104.	TE	Kiran Maykar	Kiran
105.	SE	Randhore Rohan	Randhore
106.	TE	Aman Markar	Aman
107.	SE	Sandeep Wakude	Sandeep
108.	TE	Amar Karande	Amar
109.	SE	Maresh Biradar	Maresh

	TE	Priyadarshan . k .	PBK
111.	SE	chaitanya thakar	Su
112.	TE	Bhargavi Joshi	B. Joshi
113.	SE	Siddharaj Mali	Serece
114.	SE	Dhruv Patil	Pa
115.	TE	Naresh Dhurnal	Naresh
116.	SE	Dhagde Koushna	Du
117.	TE	Ekta Tambe	Ekta
118.	SE	Vivek Paddeshw	Vivek
119.	TE	Tejas Deshmukh	Deshmukh
120.	SE	Nilesh Mohite	Nilesh
121.	TE	Pranav Gadgil	Pranav
122.	SE	Prathmesh Kamble	Pr
123.	SE	Neha Dhurnal	Neha
124.	SE	Parkole Kshiteej	Parkole
125.	TE	Ispurleen	Ispurleen
126.	SE	Prasad Khotkar	Pr
127.	SE	Rashi Nagar	Rashi
128.	SE	Swapnil Ingole	Swapnil
129.	SE	Dipti Dake	Dipti
130.	TE	Gaurav Thakur	Gaurav
131.	SE	Aditya Shinde	Aditya
132.	SE	Dipti Dake	Dake
133.	SE	Gaurav Chaudhari	Gaurav
134.	TE	Shruti Kumar	Shruti
135.	SE	Nikita Hajare	Nikita
136.	SE	Shrutika Patil	Patil
137.	SE	Shelke Omkar	Omkar
138.	TE	Sakshi Shejwal	Sakshi
139.	TE	Bhosale Pawan	Pawan
140.	TE	Prati Deshpande	Prati
141.	SE	Archana Ambhure	Archana
142.	SE	Sanika Khamkar	Sanika
143.	TE	Mahesh Waghmode	Mahesh
144.	SE	Bedre Rutika	Rutika
145.	SE	Swamini Chavan	Swamini
146.	SE	Rutik mane	Rutik
147.	SE	Ankush fuke	Ankush
148.	SE	Aditya Navale	Aditya
149.	SE	Sakshi Jagtap	Sakshi
150.	TE	Anushka Chavan	Anushka
151.	SE	Niva Bidare	Niva

153.	SE	Poojana Indore	Dr.
	SE	Nikita Sonawane	Sun
154.	TE	Chetan Daphal	Chetan
155.	TE	Kulul Supriya Sandip	Chetan
156.	SE	chetana Bahale	Chetan
157.	TE	Shrihari Pawar	Chetan
158.	TE	Sakshi Kuwar	Sakshi
159.	ME	Sagar Dahi	Sat
160.	SE	Anuja Chavan	Anuja
161.	TE	Dinesh Dandekar	Dr
162.	TE	Rajniandini T.	Anandini
163.	TE	Gauri Saurabh	Gauri
164.	SE	Gauri Gadge	Gauri
165.	TE	Mayur Dandekar	Mayur
166.	TE	Kumbhar Sujay	Kumbhar
167.	TE	Gauri Wankhede	Gauri
168.	BE	Balaji Pawar	Balaji
169.	SE	Anuradha Thombare	Anuradha
170.	TE	Abhij Balgachb.	Abhij
171.	TE	Rajniandini S.	Rajniandini
172.	TE	SADRA MAHADEV	Sadra
173.	SE	Sanskriti Thorve	Sanskriti
174.	TE	PRATIK BENOAL	Pratik
175.	SE	Onshree Gauran	Onshree
176.	TE	Dhushkar Ruke	Dhushkar
177.	TE	Radhika Deshmukh	Radhika
178.	TE	HIRE SANJAY	Hire
179.	TE	Romal Vadak	Romal
180.	TE	Ritesh Sol	Ritesh
181.	TE	Sakshi Shejwal	Sakshi
182.	BE	Sushant Patil	Sushant
183.	BE	Najini Mulani	Najini
184.	TE	Kajal Raskar	Kajal
185.	TE	Gauri Dehadi	Gauri
186.	TE	Ketan Chatur	Ketan
187.	TE	Vaishnavi Thakre	Vaishnavi
188.	TE	Vaibhav Mahadev	Vaibhav
189.	TE	Anita Anup	Anita
190.	TE	lakesh Kokate	Lakesh
191.	TE	Swapnil Khednar	Swapnil
192.	TE	Vaishnavi Dhapat	Vaishnavi
193.	TE	Purva Kattkar	Purva

195.	BE	Sonali Salpute	Sonal
	BE	Gaurav Thakur	Gaurav
196.	TE	Vedant Tware	Vedant
197.	BE	Mahesh Waghmode	Mahesh
198.	SE	Tanhami Sahani	Tanhami
199.	BE	Adesh Tengale	Adesh
200.	TE	Rishi Manwar	Rishi
201.	TE	Tushar Mourya	Tushar
202.	BE	Aekagra Dhamari	Aekagra
203.	TE	Gurjan Joshi	Gurjan
204.	TE	Aishwarya Salunkhe	Aishwarya
205.	TE	Abhay Rode	Abhay
206.	BE	Kantilal Tawar	Kantilal
207.	TE	Adah Aseri	Adah
208.	SE	Anushka Deshpande	Anushka
209.	SE	Tanhami Phule	Tanhami
210.	TE	Chaitra Deshpande	Chaitra
211.	SE	Aekagra Dhamari	Aekagra
212.	SE	Aditya Aseri	Aditya
213.	TE	Meghaaj Salukhe	Meghaaj
214.	TE	Riddhi Kalola	Riddhi
215.	SE	Nikita Joshi	Nikita
216.	TE	Kushli Joshi	Kushli
217.	BE	Sneha Vadhorane	Sneha
218.	BE	Shreya Kord	Shreya
219.	TE	Riddhi Jalega	Riddhi
220.	BE	Pankaj Pawar	Pankaj
221.	BE	Poitan Sheldar	Poitan
222.	SE	Vedant Pandey	Vedant
223.	SE	Abhinav Korde	Abhinav
224.	TE	Neha Gaikwad	Neha
225.	SE	Sampada Kulkarni	Sampada
226.	TE	Vidhya Deshmukh	Vidhya
227.	SE	Sukhada Joshi	Sukhada
228.	BE	Priya Phule	Priya
229.	SE	Tanaya Joshi	Tanaya
230.	BE	Malti Shani	Malti
231.	TE	Hemanshi Patel	Hemanshi
232.	SE	Pranita Shradu	Pranita
233.	TE	Nikita Gadhave	Nikita
234.	BE	Chaitrali Pandey	Chaitrali
235.	SE	Sbham Auti	Sbham

	TE	Poonita Chouse	<u>Pe</u>
237.	GE	Radhika Peshmane	<u>Pe</u>
238.	TE	Meenal Tatli	<u>Meenal</u>
239.	SE	omkar peokar	<u>ay</u>
240.	TE	Nikita Mane	<u>Drac.</u>
241.	SE	laksh Umale	<u>Jes</u>
242.	TE	Priti devalkar	<u>Pe</u>
243.	TE	Guru Prasad	<u>Cardinal</u>
244.	SE	chetna patil	<u>ans</u>
245.	SE	Gayatri phad	<u>Gayatri</u>
246.	TE	Rushikesh Gore	<u>Push</u>
247.	SE	Sakshi Rokade	<u>Sakshi</u> <u>pekar</u>



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Rs. 3,190/-

Date : 26 / 4 / 20 23

No. :

Pay Mr. / Mrs. Cafeteria Canteen JSPM Wagholi

a sum of Rs. Three Thousand one hundred Ninety

being JSPM BSIOTR MANTHAN Club

and debit on Food & Refreshment account.

Received the sum of

Paid by cash / cheque on _____

Rs. 3,190/-

Bank _____

Branch _____

Cheque No. _____ Date : _____

 Accountant


PRINCIPAL
Principal/Director
J.P.M.'S Bhivandur
Technology & Research
Wagholi, Pune- 412207


Receiver's Signature

नगद / पत रसिद

No. :
क्रमांक

Date : 26/4/23

सर्वश्री

અપક

QTY. संख्या	PARTICULAR विवरण	RATE दर	AMOUNT रकम ₹
10	Bisleji (1ltr)	20	200/-
20	Bisleji (1/2 ltr)	10	200/-
22	Special Tea	20	440/-
16	Upma	25	400/-
15	Tkuli (Veg)	100	1500/-
15	Baloji Chips	30	450/-
Cafeteria Canteen, Jyoti			
B.P.M.S. Bhamburda Sawant Institute Technology Research Wachholi, Pune-41207			
Thank You		TOTAL टोटल	3,190/-



JAYAWANT SHIKSHAN PRASARAK MANDAL's

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Date : 25/4/2023

No. :

Rs. 200/-

Pay Mr. / Mrs. chandra Nursery

a sum of Rs. Two hundred only
being plants (honorium) Expense

and debit on felicitation account.

Received the sum of

Paid by cash / cheque on _____

Rs. 200/-

Bank _____

Branch _____

Cheque No. _____ Date : 25/4/23

Accountant

Principal/Director

Receiver's Signature

Bhivabhai

ACCOUNTANT

& Research

Wagholi, Pune



॥ ॐ नमः शिवाय ॥

चंद्र नर्सरी

8825170824
7028169354

पत्ता : लॅक्सीकॉन स्कूल जवळ, पुणे नगर रोड, वाघोली, पुणे-४१२२०७

प्रती, JSPM BROTHER

बिल नं.: 023

दिनांक : 25/04/23

अ.क्र.	तपशील	नग	रुपये
1	Rose plant	4	160/-
2)	Kundlic (Pot)	1	40/-
<p>J & P M Waghode Inward No. 285 Date 25/04/2023 Time 03:38 PM Gen No M1412-IT 2471 Name B. P. M. Waghode (Security) H. P. M. Waghode</p> <p>PRINCIPAL J.P.M.'S Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune-412207</p>			
एकुण			200/-

अक्षरी रुपये _____

Thank You!

चंद्र नर्सरी करिता

IETE Project Competition

IETE - National level project competition under
AICTE-MANTHAN

Date - 26/04/2023

Rose plant - 'Gift'



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Date : 25 / 4 / 20 23

No. :

Rs. 50/-

Pay Mr. / Mrs. mateji super market

a sum of Rs. fifty only

being coconut (honorium)

and debit on felicitation account.

Paid by cash / cheque on _____

Bank _____

Branch _____

Cheque No. _____ Date : 25/4/23

Received the sum of

Rs. 50/-

Accountant

Bhiv...

Research

S.P.M.'S

Principal/Director

Technology & Research

Wagholi, Pune- 412207

Receiver's Signature

Name

Secum

PRINCIPAL

S.P.M.'S Bhivarabai Sawant Institute of

Technology & Research

Wagholi, Pune- 412207

IETE project completion.

25/04/23

माताजी सुपर मार्केट
मु.पो. वाघोली, बकोरी फाटा
बी.जे. एस. कॉलेज जवळ (गाडेवस्ती)
ता. हवेली, जि. पुणे-०७, मो.: ९९०४७७८४७७

① नारीयल 2pc → 50/-
Date: - 25/04/23



माताजी सुपर मार्केट
मु.पो. वाघोली, बकोरी फाटा
बी.जे. एस. कॉलेज जवळ (गाडेवस्ती)
ता. हवेली, जि. पुणे-०७, मो.: ९९०४७७८४७७

J S P M Waghole
Invoice No. 287
Date 25/04/23
Time 10:10 PM
By TFW
Name Security

50/-



PRINCIPAL

J.S.P.M.'S Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune- 412207

IETE Project completion.

25/04/23.



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Rs. 60/-

Date : 25/4/2023

No. :

Pay Mr. / Mrs. shrisha Gift House

a sum of Rs. sixty only

being consumables

and debit on art + craft account.

Paid by cash / cheque on _____

Bank _____

Branch _____

Cheque No. _____ Date : 25/4/23

Received the sum of

Rs. 60/-

Accountant COUNTANT

Shivarabai Sa

ology & Research

Principal/Director

S.P.M.'S Bhivarabai Sawant Institute of
Technology & Research

Receiver's Signature

Date	<u>25/4/23</u>
Time	<u>4:30 PM</u>
Wh No	<u>24/10/23</u>
Name	<u>Shrisha</u>
(Security)	<u>Mark</u>
TOTAL	<u>60/-</u>
Signature	

IETE project competition.

Ribbon Receipt

Shambhuraje Bhosale

25/04/23

- * Red Ribbon
 - * ~~Bla~~ Golden Ribbon
- BSROR - MANTHAN

BILL BOOK				
Shrisha Gift House				
Rakesh : 8888579334 / 9325819063 / 8888194034				
Shop No 16/17 Vithal Complex, Opp. Saraswat Bank, Bakori Road, BSROR, Dist. Solapur, Maharashtra - 431007				
M/s. <u>Shambhuraje Bhosale</u>		No. <u>1909</u>		
		Date : <u>25/4/23</u>		
Sr. No	Particulars	Qty.	Rate	Amount
1	Ribbon * Red * Golden	2	60/-	60/-
<p>J S P M Waghore Invoice No. <u>279</u> Date <u>25/4/2023</u> Time <u>4:30 pm</u> Gen No <u>BSROR</u> Name <u>Bhosale</u> (Security) <u>Mant</u></p>				
			TOTAL	60/-
Signature				

IETE project competition.



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Rs. 380/-

Date : 25/4/2023

No. :

Pay Mr. / Mrs. chandra nursery

a sum of Rs. three hundred and eighty only

being plants for (honorium)

and debit on stationary account.

Received the sum of

Paid by cash / cheque on _____

Rs. 380/-

Bank _____

Branch _____

Cheque No. _____ Date : _____



Accountant

Bhivarabai Sawant Institute of Technology & Research
Wagholi, Pune-412207




Principal/Director

J.P.M.'S Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune-412207

Receiver's Signature

 PRINCIPAL J.P.M.'S Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune-412207			
J S P M Wagholi Inward No. <u>25/4/23</u> Date <u>25/4/23</u> Time <u>10:30 AM</u> Vch No <u>By hand</u> Name <u>Bhivarabai</u> (Signature)		एकुण	<u>380</u>
अक्षरी रुपये <u>three hundred eighty</u> <u>only</u> Thank You!		 चंद्र नर्सरी करिता	

Plants Receipt
* Rose plants for facilitation of guest of
IETE National Level Project Competition
(Under BSJOR MANTHAN)

		॥ ॐ नमः शिवाय ॥		8825170824 7028169354	
चंद्र नर्सरी					
पता : लॅक्सीकॉन स्कूल जवळ, पुणे नगर रोड, वाघोली, पुणे-४१२२०७					
प्रती, JSPM'S BSJOR			बिल नं.: 020		
			दिनांक : 25/04/2023		
अ.क्र.	तपशील	नग	रुपये		
1	Small plants	10	300		
2	Rose plants	2	80		
 PRINCIPAL JSPM'S Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune- 412207 J S P M Wagholi Inward No. 25/4/23 Date 25/4/23 Time 10:30 AM for NO. 10/10/23 Name [Signature] (Secretary)				एकुण	380
अक्षरी रुपये		three hundred eighty			
Thank You!		 चंद्र नर्सरी करिता			



JAYAWANT SHIKSHAN PRASARAK MANDAL's

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Date : 25 / 4 / 2023

No. :

Rs. 2701-

Pay Mr. / Mrs. santosh Ready made

a sum of Rs. Two hundred and seventy only

being Honarium Expenses

and debit on felicitation account.

Received the sum of

Paid by cash / cheque on _____

Rs. 2701-

Bank _____

Branch _____

Cheque No. _____ Date : 25/4/23

Accountant [Signature]

PRINCIPAL [Signature]

Principal/Director

[Signature]
Receiver's Signature

GSTIN : 27BDNPS4465E1Z4

Total

2701-

लग्न चक्रवर्त्याचे भव्य दालन

IETE project competition

25/04/23.

Page 1

॥ Shree Mahaviray Namah: ॥

Santosh
Ready made

Maximum Range,
Minimum Rate

Kesnand Phata, Nagar Rd, Wagholi Dist. Pune - 412 207 Mob : 9422288926

Name : ॥ श्री ॥ No. 808
Date 25/04/23

Sr.No.	Description	Qty	Rate	Amount
	शाल	2	115	230
	फोड पेज	8	5	40
	कापडी			
Total				270

GSTIN : 27BDNPS4465E1Z4

PRINCIPAL
Santosh Sawant Institute of
Technology & Research
Wagholi, Pune - 412 207

लक्ष्मीच्याचे भव्य दालन

IETE project competition
25/04/23.



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Date : 25/4/2023
No. :

Rs. 60/-

Pay Mr. / Mrs. Hinglaj

a sum of Rs. sixty only

being consumables Expense

and debit on stationary account.

Paid by cash / cheque on _____

Bank _____

Branch _____

Cheque No. _____ Date : 25/4/23

Received the sum of

Rs. 60/-

Receiver's Signature

Accountant
Bhivarabai Sawant Institute of Technology & Research
Wagholi, Pune-412207

Principal/Director
B.P.M.'S Bhivarabai Sawant Institute of Technology & Research
Wagholi, Pune-412207

Rs. in Words :	TOTAL	60
Received by	HINGLAJ STATIONARY & GIFT ARTICLES	

Stationary

IFETE Project competition 26/04/2023
file folder grossery.

CASH MEMO

HINGLAJ

**Stationers & Gift Articles, Office & College Stationery, Engineering
Art & Drawing Material, Cleaning Material**

Near JSPM College Canteen, Wagholi, Tal. Haveli, Dist. Pune - 412207

E-mail : rajeshpatell1991@gmail.com | Mob.9730206418 , 8421934774

M/s. _____

Sr. No. 1713

Date : 25/4/23

Sr.No.	Particulars	Qty.	Rate	Amount
(1)	971 9713m	06	10	60
<p>J. P. M. Waghmare Inward No. 279 Date 25/04/2025 Time 4:30 PM Gen No By Item 6 Name <i>(Signature)</i> (Security)</p>				
<p><i>(Signature)</i> PRINCIPAL J.P.M.'S Bhivarabai Sawant Institute of Technology & Research Wachand, PHENGLAJ STATIONARY & GIFT ARTICLES</p>				
<p>Received by</p>				<p>TOTAL 60</p>

Stationary

ITE Project competition 26/04/2023
file folder grossery.



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Rs. 160/-

Pay Mr. / Mrs. chandra Nursery

a sum of Rs. one hundred and sixty only

being plants (honorarium)

and debit on felicitation.

Paid by cash / cheque on _____ account.

Bank _____

Branch _____

Cheque No. _____

Date : 25/4/23

Date : 25 / 4 / 2023

No. :

Received the sum of

Rs. 160/-

ACCOUNTANT

PRINCIPAL

Principal/Director

J.S.P.M.'s Shikshan Prasarak Mandal
Research Technology & Research
Wagholi, Pune- 412207

Receiver's Signature

अक्षरी रूपये one hundred sixty only.

Thank You!

चंद्र नर्सरी करिता

Project Competitions
IETE - National Level
Project competition
Under AICTE-MANTHAN,
Date: 26/06/2023

'Rose-plow-Gift'

JS

Gift paper

Shrisha Gift House				
Rakesh : 8888579334 / 9325819063 / 8888194034				
Shop No 16/17 Vithal Complex, Opp. Saraswat Bank, Bakori Road, Wagholi, Pune- 412207				
M/s. JSPM'S BSTOTR		No. 1905		
Date :				
Sr. No.	Particulars	Qty.	Rate	Amount
1	Gift paper	5	10	50/-
TOTAL				50/-

J & P M Wagholi
Inward No. 276/4
Date 25/4/23
Time 03:20 PM
Jen No
Name By Lalit



चंद्र नर्सरी

॥ ॐ नमः शिवाय ॥

8825170824

7028169354

पता : लॅक्सीकॉन स्कूल जवळ, पुणे नगर रोड, वाघोली, पुणे-४१२२०७

प्रती,

JSPM'S BSTOTR

बिल नं.: 021

दिनांक : २५/०४/२३

अ.क्र.	तपशील	नग	रुपये
1	Rose plant	1	40/-
2	Kundi	3	120/-
		एकुण	160/-

J S P M Waghori
Inward No. 275/4
Date 25/4/23
Time 03:00 pm
Jen No
Name BY [Signature]

PRINCIPAL
JSPM'S Bhavarabai Savant Institute of
Technology & Research
Waghori, Pune-412207

अक्षरी रुपये one hundred sixty only.

Thank You!

चंद्र नर्सरी करिता

Project Competitions
IETE - National Level
Project competitions
Under AICTE-MANTHAN,
Date: 26/04/2023
'Rose-plant-Gift'

JS

Gift paper

Shrisha Gift House
Rakesh : 8888579334 / 9325819063 / 8888194034
Shop No 16/17 Vithal Complex, Opp. Saraswat Bank, Bakori Road, Waghori, Pune-412207

M/S. JSPM'S BSTOTR No. 1905
Date: 25/4/23

Sr. No.	Particulars	Qty.	Rate	Amount
1	Gift paper	5	10	50/-
TOTAL				50/-

J S P M Waghori
Inward No. 275/4
Date 25/4/23
Time 03:00 pm
Jen No
Name BY [Signature]



JAYAWANT SHIKSHAN PRASARAK MANDAL's

Name of the Institute : CAMPUS OFFICE

Campus Name : WAGHOLI CAMPUS

PAYMENT VOUCHER

Rs. 90/-

Date : 26/4/2023

No. :

Pay Mr. / Mrs. Hinglaj

a sum of Rs. Nighty only

being consumables Expenses

and debit on stationary account.

Paid by cash / cheque on _____

Bank _____

Branch _____

Cheque No. _____ Date : 26/4/23

Received the sum of

Rs. 90/-

Accountant

Shivabai Sawant Institute of Technology & Research

PRINCIPAL

Principal/Director

Shivabai Sawant Institute of Technology & Research
Wagholi, Pune- 412207

Receiver's Signature

J S P M Wagholi				
Invoice No. <u>293/24</u>				
Date <u>26/4/23</u>				
Time <u>09:05 AM</u>				
Veh No _____				
Name <u>By Hinglaj</u>				
(Signature)				
Rs. in words : _____		TOTAL	<u>90</u>	
Received by _____		For HINGLAJ STATIONARY & GIFT ARTICLES		

Stationary

IETE project competition.

26/04/2023

CASH MEMO

HINGLAJ

**Stationers & Gift Articles, Office & College Stationery, Engineering
Art & Drawing Material, Cleaning Material**

Near JSPM.College Canteen, Wagholi, Tal. Haveli, Dist. Pune - 412207

E-mail : rajeshpatell1991@gmail.com | Mob.9730206418 , 8421934774

M/s. _____

Sr. No. 1714

Date : 26/4/23

Sr.No.	Particulars	Qty.	Rate	Amount
(1)	9000	1PKT	90	90
<p>PRINCIPAL J. P. M. S. Bhivrajai Sawant Institute of Technology & Research Wagholi Pune-42207</p> <p>J. P. M. Wagholi Inward No. 293/4 Date 26/4/23 Time 09:05 AM Page NO Name By <i>[Signature]</i> (Sawant)</p>				

Rs. in words :

TOTAL

90

Received by

For HINGLAJ STATIONARY & GIFT ARTICLES

Stationary

IETE project competition.

25/04/2023



**Jayawant Shikshan Prasarak Mandal's
Bhivarabai Sawant Institute of Technology & Research**

(Approved by AICTE New Delhi, DTE Mumbai and Affiliated to Savitribai Phule Pune University)

Accredited by NBA and NAAC

Gat No. 719/1 & 2, Waghoti, Pune-Nagar Road, Pune-412207

Ph : 020-067335108, 65217050, 67335100

Website : <https://jspmbsiotr.edu.in/>

**AICTE & JSPM FUNDED
STUDENTS' CLUB UNDER THE**

SCHEME PROMOTING INTERESTS, CREATIVITY AND ETHICS AMONG STUDENTS (SPICES)

"BSIOTR MANTHAN"

AY-2022-23



Title of Program: The Ultimate Sky Box

DATE: 02/03/2023

SR. No.	Date	Name of Suppliers / Vendor	Particulars	Account Head	Invoice No.	Quantity	Total	Total cost per bill
1.	02-03-2023	Mahadev Stationery	Pooja Grocery	Consumable	0	5	236/-	236/-
2.	02-03-2023	Dhan Laxmi	Decoration	Stationary	2148	3	270/-	270/-
3.	03-03-2023	Dhan Laxmi	Pens & Tape	Stationary	2152	2	60/-	60/-
Grand Total							566/-	

Mr. Aekagra Dhamani
TE(E&TC)

Student Coordinator Treasurer
MANTHAN Club

Miss. Purva Katkar
TE (IT)

Event Coordinator
MANTHAN Club

Miss. Chaitra Deshpande
TE (E&TC)

Student Coordinator
MANTHAN Club

Dr. T. S. Angal
Electronics & Telecommunication Dep
Bhivarabai Sawant Institute of
Technology & Research
Waghoti, Pune-412207

Faculty Coordinator
BSIOTR MANTHAN Club

Dr. T. K. Nagaraj

PRINCIPAL
J.S.P.M.'s Bhivarabai Sawant Institute of
Technology & Research
Waghoti, Pune-412207
Principal (BSIOTR)



JSPM's Bhivarabai Sawant Institute of Technology
and Research, Wagholi-Pune-412207



Students' club

BSIOTR MANTHAN



Under the Scheme
Promoting Interests Creativity & Ethics Among Students (SPICES)

Invites you all for

Ultimate Skybox

AND

छंद

FINE ARTS COMPETITION AND
EXHIBITION

DATE: 03/03/2023

VENUE: VC ROOM IT DEPT

1:30 PM

See you there!



JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi-Pune-412207



(Approved by AICTE New Delhi, DTE Mumbai, Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University, Accredited by NAAC, Bangalore)



Students' club
Under the Scheme Promoting Involvement Creativity & Ethics Among Students (SPICES)

BSIOTR Manthan

(Funded by AICTE New Delhi and JSPM Management)



Ultimate Skybox

AND

छंद

Name of Event:	Ultimate Skybox and छंद
Organized Under:	BSIOTR MANTHAN Student's Club
Date of Event:	3 rd March 2023
Location of Event:	D1 Building, VC Room (IT Department), JSPM BSIOTR
Number of Participants	15
Sponsoring Organization:	All India Council for Technical Education (AICTE)
Program Director Name:	Dr. T.K. Nagaraj
Program Co-Ordinator Name:	Dr. Y.S. Angal
Cultural Team Leader Name:	Purva Katkar

Objectives:

Sr. no.	Objectives	Aligned POS
1	To Encourage Students of the college of various departments to showcase their talents and artistic side of themselves.	PO-8, PO12, PO-10
2	To encourage and motivate students & staff working efficiently in order to make an event successful.	PO-1
3	To encourage to develop creative expression, intellectual and cognitive development.	PO-12

The Students and staff members of department of JSPM Bhivarabai Sawant Institute of Technology and Research , Wagholi Pune had taken an initiative and with sponsorship for AICTE for the BSIOTR MANTHAN Students' Club to conduct an art event "ULTIMATE SKYBOX AND छंद" on date 03/03/2023 in order to develop students creativeness.

The Ultimate Skybox and छंद was open to JSPM BSIOTR Students and there were 15 Participants. During this event, Students of all the departments came forward to showcase their talents.

Mr. Ashotush Falegoankar (MANTHAN Co-ordinator) and Miss. Purva Katkar (Cultural MANTHAN Lead) has inaugurated the Ultimate Skybox and छंद event which is followed by the Our Respected Principal of JSPM BSIOTR and Program Director Dr.T. K. Nagaraj and our program Co-ordinator Dr. Yogesh Angal.

Judges of Event are Dr. Praveen Barapatre (HOD IT Department) , Prof. Madhavi Kulkarni (Computer Department) , Prof. Varsha Patil (Mechanical Department) , Prof. Juhi Agrawal (Computer Department) and Guest Dr. Gayatri Bhandari (HOD Computer Department), Dr.N.N.Ghuge (HOD Electrical Department)

In this Event the Principal of JSPM BSIOTR and Program Director Dr. T.K. Nagaraj have shared their thoughts on Art event also motivated students to participate in more and more art events. Also The Judges have shared their thoughts on the Ultimate skybox and छंद event.

The event started with Saraswati poojan .The Event "Ultimate Skybox and छंद includes Fine Arts competition and Chhand includes Unique collections such as Poem collections, coin collections all over India/ World and Tickets Collection. The Event lasted for 2 hours.

Winners:

Fine Arts Competition Winners

1. Pranita Choure- Entc Department (First Prize)
2. Mansi Humbe- Entc Department (Second Prize)
3. Chetana Bahale- IT Department (Third Prize)
4. Khushi Dhakate- CS Department (Fourth Prize)

छंद Winners

- *Poem- Purva Dhomse: IT Department (Winner)
- *Coin Collection- Vaibhavi Kamble: IT Department (Winner)

Some Photos of the Event:



Inauguration: Mr. Ashutosh Falegaonkar & Miss .Purva Katkar



MANTHAN Director, Co-ordinator, Members and Judges



Saraswati Poojan by Program Director
Dr. T.K.Nagaraj



Program Director, Program Co-ordinator , Members
,Leads and Judges at Saraswati Poojan.



Felicitation of Judges



Participants showing their Arts



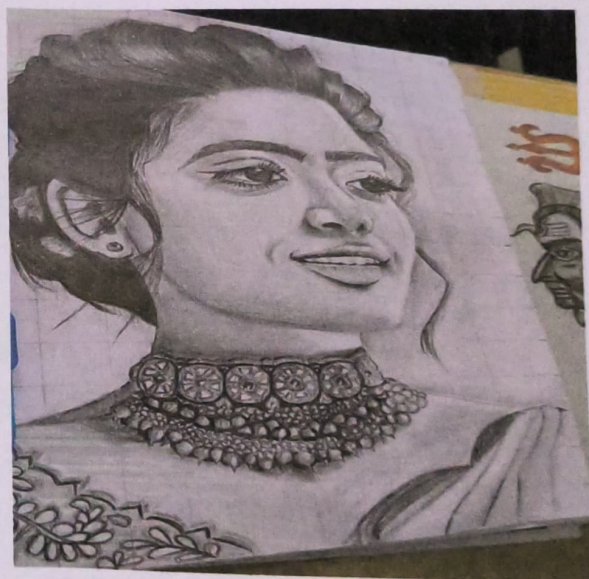
Participants showing their Arts



Coin Collection by Participant.



Prizes for Winners



Sketch of Participant

This Event was organized by BSIOTR MANTHAN Students' Club and Cultural Committee of BSIOTR MANTHAN Students' Club

Cultural Committee	Co-ordinators Name
Lead	Ashutosh falegaonkar
Lead	Gaurav Thakur
Lead	Chaitra Deshpande

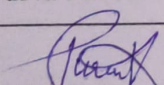
Cultural Committee	Members Name
Club Co-ordinator	Purva Katkar
Executive Member	Pawan Bhosle
Executive Member	Supriya Kulal
Executive Member	Anshulika Borse
Executive Member	Kiran Maykar

This Event was organized by BSIOTR MANTHAN Students' Club and Technical Committee Of BSIOTR MANTHAN Students' club.

Scheme Coordinators	Coordinators name
Lead	Mr. Ashutosh Falgaonker
Lead	Miss.Chaitra Deshpande

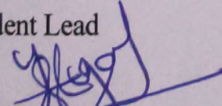
Technical Comittee	Members Name
Club Coordinator	Miss. Purva Katkar
Executive Member	Mr.Kiran Maykar
Executive Member	Mr. Ishika Sandhu

Report Prepared by		
Miss. Purva Katkar	TE(E&TC)	JSPM BSIOTR

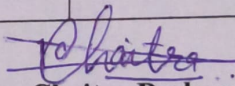

Miss. Purva Katkar

Cultural Team

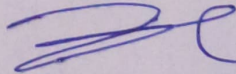
Student Lead


Dr. Y.S. Angal

H.O.D.
HOD, E & TC
Electronics & Telecommunication Dep
Bhivarabai Sawant Institute of
Technology & Research
(Program Co-ordinator)
Wagholi, Pune- 412 207


Miss. Chaitra Deshpande

MANTHAN Club Student Lead


Dr. T.K. Nagaraj

PRINCIPAL

J.S.M 'S Bhivarabai Sawant Institute of
Technology & Research
Wagholi, Pune- 412 207
(Program Director)

03/03/2023

