

Date – 30th September 2022


The council meeting of Institution's Innovation Council (IIC), Sanjeevan Engineering and Technology Institute was called by IIC President Dr. Vinayak H. Deokar on 28th September 2022 to discuss upon the formulation and function of IIC for academic year 2022-23 & to assign roles and responsibility among newly joined council members as per the guidelines of Ministry of Education's Innovation cell. As per the decision of competent authority, following members will be the part of IIC;

Sr. No	Name Of Member	Member Type (Teaching/ Non Teaching/ Student / External Expert)	Key Role/ position Assigned in IIC
01	Dr. Suhas G. Sapate	Teaching	Vice President
02	Prof. Pallavi D. Patil	Teaching	Social Media coordinator
03	Prof. Praveen S. Atigre	Teaching	Internship activity coordinator
04	Prof. Chetan R. Dongarsane	Teaching	IPR activity coordinator
05	Prof. Jagadish J. Gavade	Teaching	NIRF
06	Dr. Vinayak H. Deokar	Teaching	Innovation Activity
07	Prof. Amrut P. Bhosale	Teaching	Startup Activity Coordinator
08	Prof. Jagadish J. Gavade	Teaching	ARIIA coordinator
09	Dr. Dinkar S. Bhosale	Teaching	Member
10	Prof. G. C. Koli	Teaching	Convener
11	Mr. Anish V. Patil	Student	Innovation coordinator
12	Mr. Sunil B. Sawant	Student	Internship coordinator
13	Mr. Sanket S. Pazone	Student	Internship coordinator
14	Mr. Karan K. Barale	Student	Social Media coordinator
15	Mr. Sammed S. Patil	Student	IPR coordinator
16	Mr. Shivam V. Jadhav	Student	Startup coordinator
17	Mr. Siddhesh S. Shinde	Student	Member
18	Mr. Surabhi S. Pusalkar	Student	Member
19	Mr. Vivek V. Nikam	Student	Member
20	Mr. Rajesh Mangire	External Expert	Incubation Centre
21	Mr. Suryakant R. Dodmise	External Expert	Incubation Centre
22	Mr. Arif A. Shaikh	External Expert	Patent expert
23	Mr. Vivek Sharma	External Expert	Start up/ Alumni Entrepreneur


IIC - President.

The council members discussed about the activities (IIC calendar, Celebration and Self-Driven) and features of IIC portal. The council members also discussed about collaborations within and outside the institution to accelerate the activities of IIC. The council also deliberated on quarterly action plan in synchronization with activities and initiatives of other departments, centres and facilities in the Institute working towards promoting IPR, Innovation, Entrepreneurship and Start up.

The council unanimously decided to carry out all the IIC activities in regular basis throughout the year and meet regularly in beginning of every quarter to review the progress made in previous quarter and also to plan for upcoming quarter. The council has agreed to convene next meeting tentatively on 7th December 2022.



IIC President - Dr. Vinayak H. Deokar
Place: Panhala





Ministry of
Education
GOVERNMENT OF INDIA



MoE's
INNOVATION CELL
GOVERNMENT OF INDIA



INSTITUTION'S
INNOVATION
COUNCIL



CERTIFICATE OF ESTABLISHMENT

This is to certify that

Sanjeevan Engineering & Technology, Kolhapur

has established an Institution's Innovation Council (IC202219703) in the campus as per the norms of Innovation Cell, Ministry of Education, Govt. of India during the academic calendar year 2022-23

Dr. Abhay Jere
Chief Innovation Officer
Ministry of Education's Innovation Cell

Shri. Dipak Kumar Soha
Assistant Innovation Director
Ministry of Education's Innovation Cell



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201

Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DB-ATU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Workshop On “Prototype & Process Design and Development”

Resource Person	Dr. Suryakant Dodmise
Collaborating Agency	Siddham Innovation and Business Incubation Center Kolhapur (SIBIC)
Topic	Prototype & Process Design and Development
Day & Date	Friday, 10 th March 2023
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech Engineering)
Venue / Location	Siddham Innovation and Business Incubation Center (SIBIC), 4 th Floor, Kailash Tower, above Bhima Siddhi Infotainment, Assembly Road, Near Venus Corner, New Shahupuri, Kolhapur
Organized By	Institute Innovation Council Cell, S.E.T.I. Panhala




PRINCIPAL
Sanjeevan Enng. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

PRINCIPAL PERMISSION LETTER



A handwritten signature in blue ink, appearing to read "A. J. San".

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201

Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Date- 02/03/2023

To,
The Principal,
S.E.T.I., Panhala.

Subject: - Regarding permission to arrange workshop on "Prototype & Process Design and Development" in association with SIBIC Kolhapur for our Engineering Students.

Respected Sir,

To strengthen our Institute Innovation council activities we would like to arrange a workshop on "Prototype & Process Design and Development" in association with Siddham Innovation and Business Incubation Center Kolhapur (SIBIC) for our Engineering Students on 10th March 2023. All our students of engineering will get the advantage of this program.

So kindly allow our Institute Innovation Council Cell to organize this program on above mentioned topic for the benefit of our students.

P.S. Atigre
02/03/2023

Mr. Praveen S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)
S.E.T.I. Panhala



Permitted,
Jain
02/03/23

Jain
PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

PERMISSION LETTER

Siddham Innovation and Business Incubation Center (SIBIC)




PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201
Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Date - 02/03/2023

Key No: SE77/27C/2023/65

To,
The C.E.O.,
Siddham Innovation and Business Incubation Center (SIBIC)
Kolhapur.

Subject: - Regarding permission to arrange a workshop on "Prototype & Process Design and Development" in association with SIBIC Kolhapur for our engineering students.

Respected Sir,

Our Institute is established in 2009 in a view to impart engineering education to Under Graduate & Post Graduate Students. The institute is approved by AICTE New Delhi, recognized by DTE Maharashtra, and affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere.

The Institute is long cherished dream of the Founder-Chairman Mr. P. R. Bhosale, an educationalist having experience about three decades. His aim is to impart quality education to the students from nook and corner of the country.

To strengthen our Institute Innovation Council (IIC) activities we would like to arrange a workshop on "Prototype & Process Design and Development" in association with SIBIC Kolhapur on 10/03/2023 for our engineering students.

I would like to request you, kindly permit our students to visit your organization for this workshop.

Yours Sincerely,

P.S. Atigre
02/03/2023
Mr. Praveen S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)
S.E.T.I. Panhala



Abhi

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

Permitted
Abhi



CENTRAL I.I.C. CELL

NOTICE




PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (M.S.)



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201
Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Date: 03/03/2023

NOTICE

All the heads of department and departmental I.I.C. cell members are hereby informed that, there is a Workshop on "Prototype & Process Design and Development" organized by our Institute Innovation Council. The details are as follows:

Topic	Prototype & Process Design and Development
Organization	Siddham Innovation and Business Incubation Center Kolhapur (SIBIC)
Date	10 th March 2023
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech Engineering)
Venue / Location	Siddham Innovation and Business Incubation Center (SIBIC), 4 th Floor, Kailash Tower, above Bhima Siddhi Infotainment, Assembly Road, Near Venus Corner, New Shahupuri, Kolhapur

Kindly circulate this notice among the students of your department and inform the name of the students who are interested for this workshop.

P. S. A. Liq 22
03/03/2023

Prof. Praveen S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)
S.E.T.I. Panhala



[Handwritten Signature]

Dr. V. H. Deokar
(President of I.I.C. Cell)
S.E.T.I. Panhala

[Handwritten Signature]
PRINCIPAL
Sanjeevan Enng. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

DEPARTMENTAL I.I.C. CELL NOTICE




PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Samwar Peth, Panhala, Dist. Kolhapur. (M.)



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201

Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Department of Mechanical Engineering

Date: 03/03/2023

NOTICE

All the students of Mechanical Engineering Department are hereby informed that, there is a Workshop on "Prototype & Process Design and Development" organized by our Institute Innovation Council. The details are as follows:

Topic	Prototype & Process Design and Development
Organization	Siddham Innovation and Business Incubation Center Kolhapur (SIBIC)
Date	10 th March 2023
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech)
Venue / Location	Siddham Innovation and Business Incubation Center (SIBIC), 4 th Floor, Kailash Tower, above Bhima Siddhi Infotainment, Assembly Road, Near Venus Corner, New Shahupuri, Kolhapur

Students who are interested should attend the program.

P.S. Atigre
03/03/2023

Prof. P.S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)

Prof. Sardar B. Deshmukh

HOD

Mechanical Engineering Department



ABaw
PRINCIPAL

Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

ATTENDANCE




PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Sornwar Peth, Panhala, Dist. Kolhapur. (MS)



Workshop On

Prototype & Process Design and Development
 In Association With

Siddham Innovation and Business Incubation Center Kolhapur (S.I.B.I. Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala, Dist. Kolhapur. (MS)

REGISTRATION DETAILS (Date: 10/03/2023)

Sr. No	Name of the Student	Class	Branch	Mobile No.	Signature
1	kashmira Naykawadi.	B.E. last yr	C.S.E	9960167383	<i>[Signature]</i>
2	shweta kamble	B.E. last year	C.S.E	8805921712	<i>[Signature]</i>
3	Rutuja patil	B.E. last year	C.S.E.	7776963589	<i>[Signature]</i>
4	Pranali Babasaheb Kumbhar	T.Y (B.Tech)	Mech	8600928191	<i>[Signature]</i>
5	Samruddhi Babasaheb Konde	T.Y (B.Tech)	Mech	9021317722	<i>[Signature]</i>
6	Sayali Shiwaji Tambarekar	B.E last year	Civil	8007403468	<i>[Signature]</i>
7	Samiksha Subas Shinde	B.E. last year	civil	7517945253	<i>[Signature]</i>
8	Vivek Vishwas Nikam	T.E	Civil	9309746099	<i>[Signature]</i>
9	Sumit Suresh pati	T.E	Civil	7385184354	<i>[Signature]</i>
10	Abhishek chandrashekhar Jugale	T.E	Civil	8530865715	<i>[Signature]</i>
11	Privam vinod Jadhav	T.E	Civil	7350989316	<i>[Signature]</i>
12	Sanket Suryakant Shinde	T.E	Civil	8956238088	<i>[Signature]</i>
13	Sumeet Sunil khirugade	T.E	Civil	9146164545	<i>[Signature]</i>
14	Raunak chandrashekhar Patil	T.Y	Civil	93702228188	<i>[Signature]</i>
15	Madhax Sunil Lokhande	T.Y.	Civil	7775952929	<i>[Signature]</i>
16	Patil Yogesh Yuvraj	T.Y	CIVIL	8380060503	<i>[Signature]</i>
17	Patil saiprasad Janardan	S.E	CIVIL	9637129120	<i>[Signature]</i>
18	Kadam Nishil Bhimrao	T.Y.	Mech	8551049085	<i>[Signature]</i>

P.S. Athar



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
 Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201
 Phone : 0231 - 2686600 / 23 / 24 / 26 Fax : 0231 - 2686629

Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DEATU, Lonere.

EN 6315

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in



Shou
 PRINCIPAL

Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala, Dist. Kolhapur. (MS)

Workshop On

Prototype & Process Design and Development
 In Association With

Siddham Innovation and Business Incubation Center Kolhapur (S.I.B.I.)
 REGISTRATION DETAILS (Date: 10/03/2023)

Sr. No	Name of the Student	Class	Branch	Mobile No.	Signature
19	Shubham. M. Shete	T.Y. Mech.	Mech.	9604265741	<i>[Signature]</i>
20	Siddhesh. S. Shinde	T.Y.	Mech	9146999000	<i>[Signature]</i>
21	Shubham. T. Khol.	T.Y.	Mech	9620302341	<i>[Signature]</i>
22	Sunil. B. Sawant	T.Y.	Mech	7387314654	<i>[Signature]</i>
23	Siddhesh. S. Bendkhole	T.Y.	meh	8530845279	<i>[Signature]</i>
24	Dhairyashil H. Bagade	T.Y.	Mech.	8329592503	<i>[Signature]</i>
25	Aradhut. R. Patil	B.E	Mech.	7066556187	<i>[Signature]</i>
26	Prashant Z. Patil	B.E	Mech	8552014101	<i>[Signature]</i>
27	shubham. R. Patil	BE	Mech	9130408529	<i>[Signature]</i>
28	Vinayak. B. Balave	B.E.	Mech	7720064848	<i>[Signature]</i>
29	Saroj P. shinde	B.E	civil	9075403643	<i>[Signature]</i>
30	Kaustubh. B. Khot	B.E	civil	9423948932	<i>[Signature]</i>
31	Pudhviraj Laxman Sawekhe	B.E	Civil	7820837125	<i>[Signature]</i>
32	Pratik Sanjay Kamble	B.E.	civil	9022056095	<i>[Signature]</i>
33	Anish Vasant Patil	T.Y	Mech	9527031312	<i>[Signature]</i>
34	Patil Swapnil Dhondiram	B.E. civil	civil	7057940707	<i>[Signature]</i>

P.S. Anil



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
 Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201
 Phone : 0231 - 2686600 / 23 / 24 / 26 Fax : 0231 - 2686629

Approved By AICTE - New Delhi • Recognized by Govt. of Maharashtra & DTE • Affiliated to D.B.A.T.U., Lonere.
 Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Workshop On

Prototype & Process Design and Development

In Association With

Siddham Innovation and Business Incubation Center Kolhapur (S.I.B.I.C)

REGISTRATION DETAILS (Date: 10/03/2023)

Sr. No	Name of the Student	Class	Branch	Mobile No.	Signature
35	Jadhav Amol Pramod	B.Tech	Civil	9623651345	
36	Bhosale Keral Madhukar	B.E	Civil	7887830902	
37	Prathmesh Sudhir Magdum	B.Tech	Mech	9503620349	
38	Deepshree.D.Prabhavalkar	B.Tech	Electrical	9146108781	
39	Sonali B. Jadhav	B.Tech	Electrical	9307521035	
40	Nagesh.H.Jagganador	B.Tech	Elec.	9922665576	
41	Prajakta B. Yelooor	B.Tech	Ele	9527756543	
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					



PRINCIPAL
 Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala, Dist. Kolhapur, (MS)

P. S. Ahir

PHOTOGRAPHS



[Signature]
PRINCIPAL
Sajeewan Engg. & Tech. Institute
Sajeewan Road, Panhala, Dist. Solapur, MS



Holy-wood Academy, Kolhapur's

SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201

Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Date: 10/03/2023

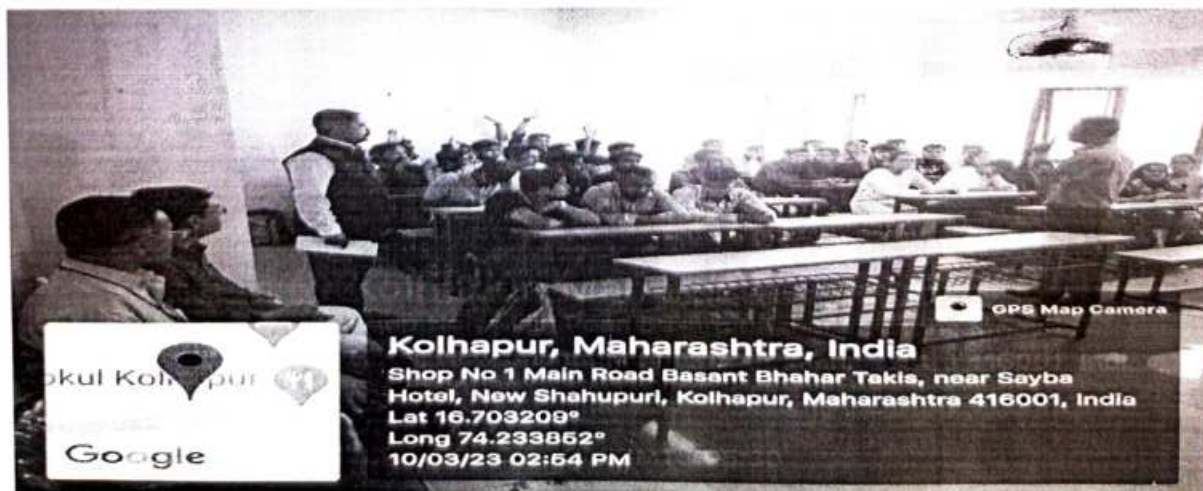
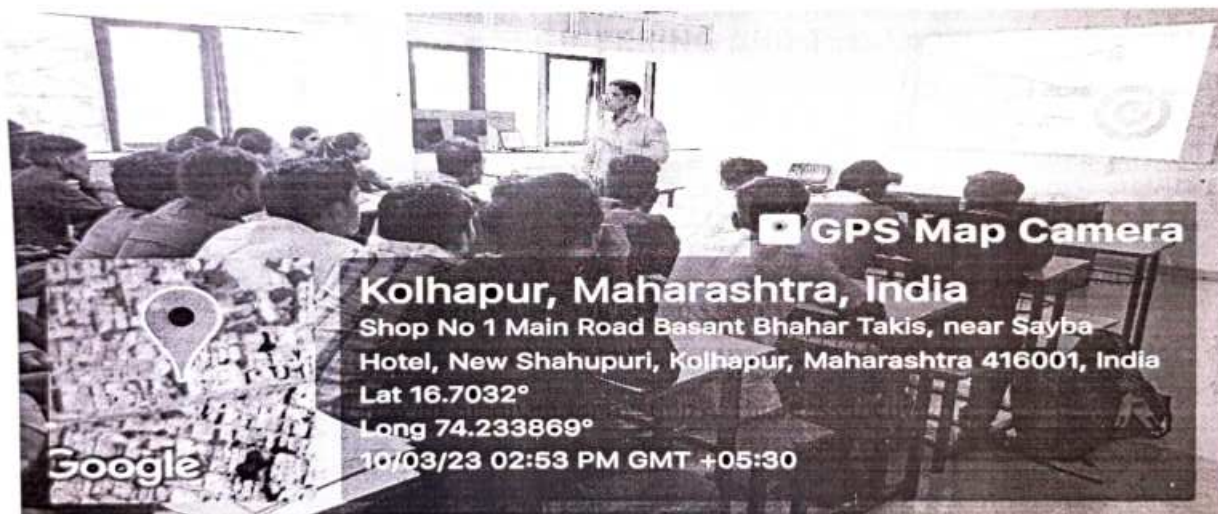
One Day Workshop On

“Prototype & Process Design and Development”

In Association With Siddham Innovation & Business Incubation

Center Kolhapur (SIBIC)

PHOTOGRAPHS



[Signature]
PRINCIPAL
 Sanjeevan Enng. & Tech. Institute
 Somwar Peth, Panhala, Dist. Kolhapur. (MS)



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala. Tal. Panhala. Dist. Kolhapur- 416 201

Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DB.AITU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Date: 10/03/2023

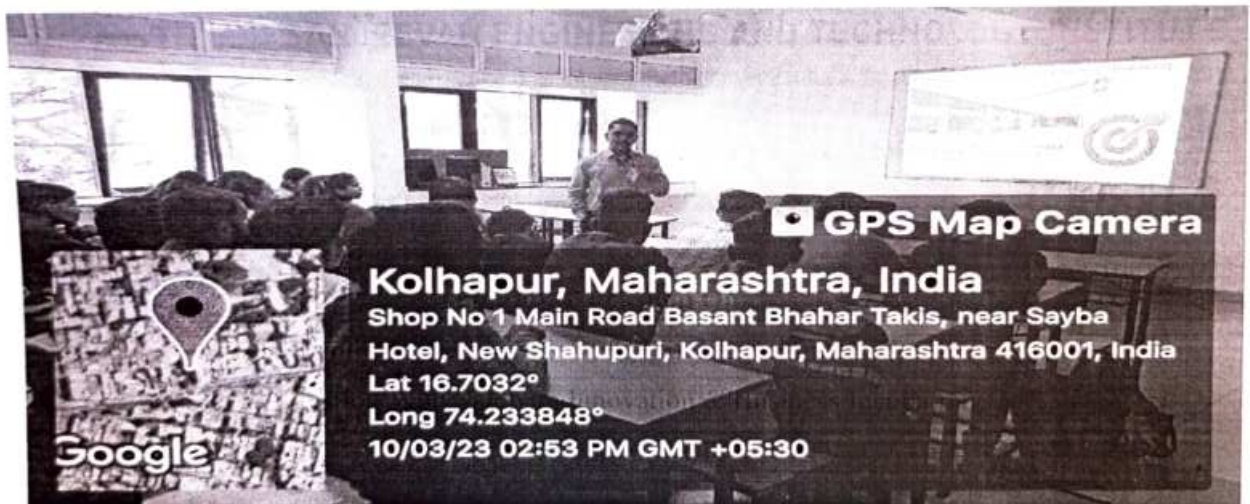
One Day Workshop On

“Prototype & Process Design and Development”

In Association With Siddham Innovation & Business Incubation

Center Kolhapur (SIBIC)

PHOTOGRAPHS




PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

THANKING LETTER




PRINCIPAL
Sanjeewan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201

Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Ref No: SETI/27.C/2023/71

Date: 10/03/2023

To,
The C.E.O.,
Siddham Innovation and Business Incubation Center (SIBIC)
Kolhapur.

Respected Sir,

We would like to extend our sincere thanks to you for arranging workshop on "Prototype & Process Design and Development on 10th March 2023" in association with Siddham Innovation and Business Incubation Center (SIBIC) Kolhapur for our engineering students. We are glad to say that the response from the students was enthusiastic. The information presented by you is definitely beneficial to our students for their career enhancement.

We genuinely thank you once again for the support and time given by you and we sincerely hope that you would continue to extend your valuable support in our future initiatives as well.

Thanking you.

P.S. Atigre
10/03/2023
Mr. Praveen S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)
S.E.T.I. Panhala



Received
[Signature]



[Signature]

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

ACTIVITY REPORT




PRINCIPAL
Sanjevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)



Holy-wood Academy, Kolhapur's

SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201

Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Date: 10/03/2023

One Day Workshop On

“Prototype & Process Design and Development”

In Association With Siddham Innovation & Business Incubation
Center Kolhapur (SIBIC)

Activity Report

1. **Title of Workshop :** Prototype & Process Design and Development
2. **Date of Workshop:** 10th March 2023
3. **Organized By :** Institute Innovation Council Cell, S.E.T.I. Panhala
4. **Collaborating Agency :** Siddham Innovation & Business Incubation Center (SIBIC)
5. **Resource Person/Trainer :** Dr. Suryakant Dodmise

6. Objectives of the Workshop:

The objective of this workshop is to provide the knowledge to the students about prototype / process design and development. After completing this workshop students will be able to understand:

- a. Concept of prototype development
- b. Concept of process design and development
- c. Steps involved in prototype / process design and development
- d. Types of project prototyping in design thinking
- e. Case study of prototype / process design and development
- f. Advance Robotics



PRINCIPAL

Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)



Holy-wood Academy, Kolhapur's

SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201

Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

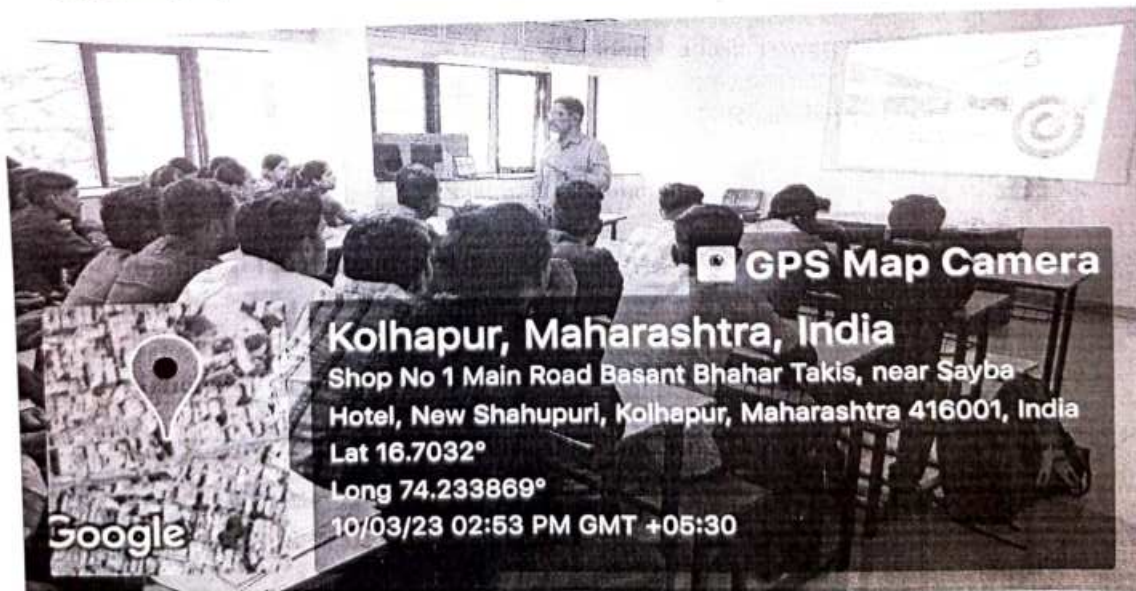
EN 6315

7. **Place of Activity (venue):** Siddham Innovation and Business Incubation Center
(SIBIC), 4th Floor, Kailash Tower, above Bhima Siddhi
Infotainment, Assembly Road, Near Venus Corner, New
Shahupuri, Kolhapur

8. **Number of Participants:** Total 41 students participated for this workshop

9. **Participants from:** Students from Mechanical, Civil, Computer Science,
Electrical Engineering Department

10. **Photographs:**



Photograph No.1 : Workshop on Prototype & Process Design and Development




PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

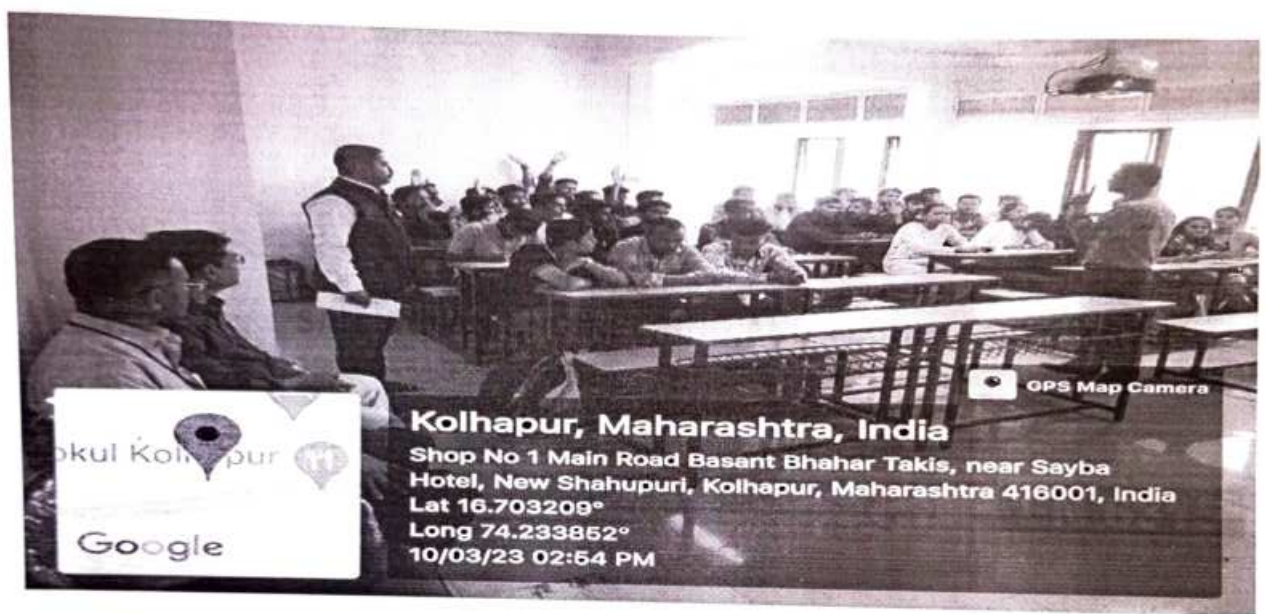
Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201

Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

Approved By AICTE - New Delhi Recognized by Govt. of Maharashtra & DTE Affiliated to DB.AIT, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315



Photograph No.2 : Workshop on Prototype & Process Design and Development

11. Report Prepared By: Asst. Prof. Praveen S. Atigre (Member of I.I.C. Cell)

P.S. Atigre
10/03/23

Prof. Praveen S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)
S.E.T.I. Panhala

Dr. V. H. Deokar

Dr. V. H. Deokar
(President of I.I.C. Cell)
S.E.T.I. Panhala

Dr. Suhas G. Sapate

Dr. Suhas G. Sapate
Vice Princiapal
S.E.T.I. Panhala

Dr. Sanjeev N. Jain

Dr. Sanjeev N. Jain
Principial **PRINCIPAL**
Sanjeevan Engg. & Tech. Institute
S.E.T.I. Panhala, Dist. Kolhapur. (MS)





DTE Code : **EN6315**



NAAC Accredited

AICTE ID : 1-8019451
AISSE Code : C-11165

HOLY-WOOD ACADEMY'S

SANJEEVAN

ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur.
Pin- 416 201 (Maharashtra) Phone : 9146999500

Approved By AICTE, New Delhi Recognized by Govt. of Maharashtra & DTE
Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

Date: 16/11/2022

Intellectual property (IP) refers to various distinct types of creations of the mind: inventions, literary , artistic works, symbols, names, images, and designs; for which a set of exclusive rights like copyrights, trademarks, patents, industrial design rights and trade secrets are recognized under the corresponding fields of law.

To create awareness of Intellectual Property Rights and guide the stakeholders regarding patent filing process, the institute hereby forming the IPR Cell as below.

IPR Cell

Sr.No.	Name of Faculty	Designation
1.	Dr. Sanjeev N. Jain Principal	Chairman
2.	Dr. C. R. Dongarsane Asst. Prof., E & TC Engineering	Coordinator
3.	Prof. Y. R. Naik Asst. Prof., Electrical Engineering	Co – Coordinator
4.	Dr. D. S. Bhosale Asst. Prof., CS Engineering	Member
5.	Dr. G. C. Koli Asst. Prof., Mechanical Engineering	Member
6.	Dr. V. A. Patil Asst. Prof., Basic Sciences & humanities	Member
7.	Prof. E. P. Salokhe Associate Prof., Civil Engineering	Member
8.	Dr. A. K. Maske TPO	Member


Dr. Sanjeev N. Jain
PRINCIPAL

Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201




One Page Report

- **Name of Event:** Workshop on IPR Awareness and Filing Procedure
- **Resource Persons:** Prof. E.P.Salokhe, Dean Academics (SETI, Panhala) and Dr. G.C.Koli, Dean, IQAC (SETI, Panhala)
- **Organized by** – IPR Cell, Sanjeevan Engineering & Technology Institute, Panhala.
- **Date:** 25th March ,2023

IPR cell of SETI, Panhala organized one day workshop on IPR Awareness and Filing Procedure. Faculties from all department and diploma wing participated enthusiastically. Hon'ble Principal Dr.S.N.Jain along with Vice Principal Dr.Suhas Sapate inaugurated the workshop. The main purpose to organize the workshop is to introduce IPR & its importance. Prof. E.P.Salokhe nicely explained need and awareness of IPR usage in higher education institutes for quality improvement. He shared few examples of patents with reputed companies and organizations. Dr. G.C.Koli extends the session further with IPR filing procedure. He also shared patent filing forms among faculties. 43 faculties from degree and diploma have attended the workshop. It was coordinated by Dr.C.R.Dongarsane, E&TC department and Prof.Y.R.Naik, Electrical department.





 GPS Map Camera



Panhala, Maharashtra, India

A/P Somwarpeth, R442+XVW, near Sanjeevan Engineering College,
Panhala, Maharashtra 416230, India

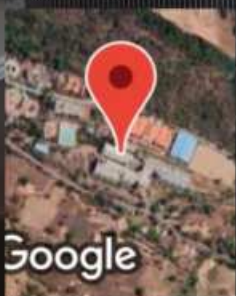
Lat 16.807205°

Long 74.10222°

25/03/23 11:13 AM GMT +05:30



 GPS Map Camera



Panhala, Maharashtra, India

A/P Somwarpeth, R442+XVW, near Sanjeevan Engineering College,
Panhala, Maharashtra 416230, India

Lat 16.807206°

Long 74.102203°

25/03/23 12:18 PM GMT +05:30

Department of Mechanical Engineering

Sr. No.	Academic Year	Name of the Students	Name of The Guide	Branch	Project Title	Sponsored Company with adress
1	2022-23	BHOSALE SONALI SHIVAJI	Prof. P. S. Atigre	Mech.	Study & Improvement of Overall Equipmet Effectiveness	Vijay Techno Industries Plot No. 59, MIDC Miraj.
		JADHAV SANKET SANJAY				
		JANGAM SANKET ASHOK				
		BHOSALE SATYAMRAJE PANDITRAO				
		MALI ROHIT RAMRAO				
2	2021-22	KORE SHEKHAR SATISH	Dr. V. H. Deokar	Mech.	Design & Analysis of Drilling Fixture for BT40 Gripper Plate	Swapnil Engineering Works 25/246, Behind Yogashram, Near Balaji Karyalaya, Shahapur, Ichalkaranji, Pin 416115 Dist. Kolhapur
		KATKAR NISHANT SANJAY				
		JAMDADE ANIKET TUKARAM				
		PATIL VAIBHAV SHIVAJI				
3	2021-22	KADAM SUDARSHAN BHAIRAVANATH	Prof. P. S. Atigre	Mech.	Design & Manufacutring of Combine Inspection Gauge for New Developed Part Silencer Cover 387 & Cover 388	DK Industries B-66, MIDC Shirolí , Kolhapur 416234
		SHIRKE ANKITA BHIMRAO				
		KALAGATE SARVESH SUBHASH				
		SATPUTE PRAFUL KRISHNAT				
		PATIL RUTUJA RAJESH				

4	2021-22	PATIL PARTH AMAR	Prof. A. N. Naik	Mech.	Reduction of setup time with the help of commonjaw	Pragati Engineering
		JADHAV PRAJVAL DAMAJI				
		PATIL VYNKATESH NIVRUTTI				
		GHOLAP ASHITOSH SARJERAO				
		SORATE RAKESH BHAGVAN				
5	2018-19	Vadgaonkar Aniket Tanaji	Prof Katkar A. S.	Mech.	Optimization of Process Parameters to minimize the Casting Defects	Micrometal Industries Plot No. 43 , Y. P. Powar Nagar , Kolhapur 416012
		Nigade Akshay Rajaram				
		Chougule Vishal Shamrao				
		Kambale Tushar Shamrao				
		Patil Indrajit Ananda				
6	2018-19	Patil Sangram Vikas	Dr. V. H. Deokar	Mech.	Sugar Cane Plating Machine	Hiytech Kurshe Udayg Kendra Bhuywadi Tal. Karveer Dist. Kolhapur
		Patil Sunil Babaso				
		Patil Rushikesh Vitthal				
		Sitre Parasad Prasannkumar				
		Yadav Arjun Yashwant				
7	2018-19	Patil Sangram Sadashiv	Prof. A. B. Chavan Prof. P. S. Atigre	Mech.	Reduction in Casting Defects by using 7QC Tools & 8D Methodology	Micrometal Industries Plot No. 43 , Y. P. Powar Nagar , Kolhapur 416012
		Patil Digvijay Chandrakant				
		Pachakate Suraj Raghunath				
		Patil Aniket Vilas				
8	2018-19	Macchindra Viishwas Sawant	Prof. A. N. Naik	Mech.	Design and Manufacturing of Hydraulic Fixture for 'Trip Cover Plate for VMC'	Aarti Enterprises Gate no. 517, Behind Post Office, Parvati Industries, Yadrav
		Rohit Rajaram Patil				
		Virendra Appaso Naik				
		Badal Rajekhan Mulla				

Department of Electrical Engineering

Sr. No	Academic Year	Name of the Students	Name of The Guide	Branch	Project Title	Sponsored Company with adress
1	2022-23	KAMBLE PANDURANG ANANDRAO	Prof. V. T. Metkari	Electrical	Energy Meter Testing 1phase amd 3 phase using PID controller	Yashonand Enginners & Contractors, Awad, 2072 Kolhapur
		PATIL SHUBHAM SHANKAR				
		KUMBHAR DATTATRAY GANAPATI				
		PATIL VIVEK SHAMRAV				
2	2022-23	KAMBLE PREM DHONDIRAM	Prof. A. M. Bhandare	Electrical	EV Bicycle	A-805,Lodha Altia, New Cuffe Parade Wadala Mumbai-400037
		NAIK RAKESH RAMCHANDRA				
		POWALKER TEJAS SUBHASH				
		SURYAVANSHI SHUBHAM JAYVANT				
		KAMBLE AAKANKSHA ANIL				
BABAR SUCHITRA CHANDRAKANT						
3	2021-22	Neeraj Lohar	Prof .P.P. Kulkarni	Electrical	Multipurpose Portable CNC machine	Mantra Desinging & printing Apurv Towers, Plot No. B 3, S 13 lane, Mali Colony, Sanmitra Housing Society, Rajarampuri, Kolhapur, Maharashtra 416008
		Gurav Amruta				
		Maner Mohanmadali				
4	2021-22	Parab Hemant Laxman	Prof. P.B. Gurav	Electrical	Solar Charging Station	ashani enterprise, Shop No 4 Tarangan Apartment, Naradave Rd, nearby Potdar School, Kankavli, Maharashtra 416602
		Desai Piyusha V				
		Sabhasad A R				
		Kadam Ajay N				
		Patil Omkar Dipak				
		Kumbhar A S				
Jambhale A K						
5	2021-22	Abhishek Kupade	Prof. N.S Jadhav	Electrical	Power generation by Revolving door	Datta Sugarcane Agro Ltd, Kundal , Palus 416309
		Akshay Lad				
6	2020-21	DATTU RANJEETSINGH BAJARANG	Prof. Y. R. NAIK	Electrical	3 PHASE FAULT ANALYSIS SYSTEM WITH AUTO RESET	Electrosal hi-tech pvt ltd AT- SHRIPEWADI POST-NAGANUR, TALUKA- CHIKODI BELGAUM KA 591241 IN ...
		KUMBHAR SHREESHAILY				
		PATIL PRANAV PANDURANG				
		PATIL PRATIK LUXIMAN				

7	2020-21	CHOUGULE SUSMITA MANOHAR	Prof. V. T. METKARI	Electrical	Smart Egg Incubator	Patil Poultry Farm, Bambavde, Tal Shahuvadi, Kolhapur
		GAIKWAD POOJA SUNIL				
		KAMBLE SHWETA SANJAY				
		DESAI VIRASHREE BHARAT				
8	2020-21	GADAGE SONALI SHRIKANT	Prof. P. B. Gurav	Electrical	Double Holder Welding Transformer	Samarth Transformers, kolhapur
		KAGALE NEHA CHANDRAKANT				
		PATIL ABHISHEK BABURAO				
		PATIL ROSHANI MAHADEV				
		TODKAR ABHIJEET BAJIRAO				
9	2020-21	KAMBLE AMIT MARUTI	Prof. P. B. Gurav	Electrical	Energy Audit & Recommendations	Kolhapur Foundry & Engg Cluster, MIDC Shirol, Tal Hatkanagle, Kolhapur 416122
		KHADE PRANOTI PRAKASH				
		MASKE KARTIKA SURESH				
		SHINDE RAHUL BIRUDEO				
10	2020-21	BEDAGE RUSHIRAJ SHIVAJI	Prof. Naik Y. R .	Electrical	E Bike	Gajanan Electricals , 919 Bward, azad chouk, Kolhapur 416002
		GAIKWAD MRUNALINEE GAJANAN				
		PARIT RUTUJA BABASO				
		SALOKHE VINAYRAJ BHARAT				
		SHITOLE AMIT KRISHNAT				
11	2020-21	FERNANDES GAVIN BENJAMIN	Prof. A. P. REDEKAR	Electrical	E Bicycle	Galaxy Enginners & contractors, Tarabai Park Kolhapur 416003
		STEBIN VARGHESE				
		VALUNJ RAMESH KRISHNAT				
		Chaitrali chafodikar				
		Vedant Joshi				
12	2020-21	BARGIR NISHAD SIKANDAR	Prof. V. T. METKARI	Electrical	Automatic Pesticide Spyaing machine	Shri ram flowers, New Shahupuri Kolhapur
		VADGAONKAR AMAN SANJAY				
		KAMBLE KISHOR MACHINDRA				
		PATIL AMOL RAVINDRA				
13	2020-21	BANDAL RUTURAJ RAJENDRA	Prof. A. A. Toraskar	Electrical	Hybrid solar Wind generation	Aaple sahkar seva kendra, borawade, tal kagal Dist Kolhapur
		KAMBLE PRAGATI ANIL				
		MITAKE SNEHAL NAMDEO				
		SATHE JAYADIP JAYASING				

Department of computer Engineering

Sr. No	Academic Y	Name of the Students	Name of The Guide	Branch	Project Title	Sponsored Company with adress
1	2022-23	1. Mr. Vivek Bhaskar	Prof. P.D.Patil	CSE	Presidency- Project Management Web Application	App-i-Cation inc. Kolhapur Maharastra India
		2. Mr.Akshaykumar Bhore				
		3. Ms. Supriya Vijay Sutar				
		4. Ms. Vaibhavi Ambaji Dhangar				
		5. Ms. Nikita Tanaji Kumbhar				
2	2022-23	1. Ms.Aishwarya Shankar	Prof. S.A.babar	CSE	Personal identity Security Using Block Chain	Indroids
		2. Ms. Muskan Javed Momin				
		3. Ms. Amruta Rajendra Bhoi				
		4. Ms. Neeta Shinde				

SPONSORSHIP LETTER

VIJAY TECHNO INDUSTRIES

ISO 9001:2015 Certified Company

Plot no. 59, MIDC Miraj, Dist- Sangli, Maharashtra, India

Pin- 416410, M No. 9637731001

E-mail : vijaytechno@gmail.com

Date : 22th October 2022

To,
H.O.D.
Mechanical Engineering Department
Sanjeevan Engineering and Technology Institute Panhala

Subject: Appointment as Project Trainee

Dear Sir,

Management is pleased to inform you that, the following students of B.Tech Mechanical Engineering of Sanjeevan Engineering and Technology Institute Panhala are working as a Project Trainee in our organization on the project "Improvement of Overall Equipment Effectiveness" with effect from 25th October 2022 on the following terms and conditions.

- During the period of training / project they will not be entitled to receive any stipend.
- During the period of training / project they should not move to any other department unless permitted so by their department head.
- They should submit their project report to concerned as well as to the Training Department.

1. Bhosale Sonali Shivaji
2. Jadhav Sanket Sanjay
3. Jangam Sanket Ashok
4. Bhosale Satyamraje Panditrao
5. Mali Rohit Ramrao

Thanking you,

Yours faithfully,


Sr. Manager (H.R.)

Vijay Techno Industries


Proprietor



Vijay Techno Industries
Plot No.- 59,
MIDC, Miraj.

COMPLETION LETTER

VIJAY TECHNO INDUSTRIES

ISO 9001:2015 Certified Company

Plot no. 59, MIDC Miraj, Dist- Sangli, Maharashtra, India

Pin- 416410, M No. 9637731001

E-mail : vipulgosavi60@gmail.com

Date : 02nd May 2023

CERTIFICATE

This is to certify that the following students of B.Tech Mechanical Engineering of Sanjeevan Engineering and Technology Institute Panhala has successfully completed the project work entitled as "Improvement of Overall Equipment Effectiveness". They have visited our company from 25/10/ 2022 to 30/04/2023. During project work their behavior was found to be good. We wish them all the best for their future endeavors and career.

1. Bhosale Sonali Shivaji
2. Jadhav Sanket Sanjay
3. Jangam Sanket Ashok
4. Bhosale Satyamraje Panditrao
5. Mall Rohit Ramrao


Sr. Manager (H.R.)



Vijay Techno Industries
Plot No.- 59,
MIDC, Miraj.

Vijay Techno Industries


Proprietor



Swapnil Engineering Works

Address:
25/246, Behind Yogneshram, Near Balaji
Karyalaya, Shahapur, Ichalkaranji, Pin - 416 115
Dist Kolhapur (M.S.)
Tel.: 8793319509

Ref No. 420

Date: 30.05.2022

To,
The Principal
Sanjeevan Engineering And Technology Institute
Panhala Kolhapur

Respected sir,

Reg : Sponsorship approval for the project work of Btech in Mechanical Engineering
This correspondence is issued as per requirement of following student of your college.

1. Mr. Kore Shekhar Satish
2. Mr. Katkar Nishant Sanjay
3. Mr. Jamdade Aniket Tukaram
4. Mr. Patil Vaibhav Shivaji

They all allowed to work on the project titled "Design and Analysis of Drilling Fixture for BT40 Gripper Plate" project is sponsored by our company Swapnil Engineering Works. We will provide all technical data for the project. The cost incurred for the project will be borne by our company.

They have successfully completed their work.

This is for your information.

For Swapnil Engineering Work,

For Swapnil Engineering Works



Proprietor

Proprietor





PRAGATI ENGINEERING

Date: 25/9/2021

To,
Head of Department,
Mechanical Engineering,
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE,
PANHALA- 416 201
Sub: Approval Letter for sponsored project-Reduction of Set up time with the help of common jaw

Dear Sir/Madam,

This is reference to your letter dated on 25/09/2021. We are pleased to accept your letter and provide permission for doing project at our end concern. As per the policy we provide good resource and material for successful completion of project.

We hereby approved application from student and further activities of below mentions students from department of mechanical. The name of student are:

- 1) Patil Parth Amar
- 2) Jadhav Prajval Damaji
- 3) Patil Vynkatesh Nivrutti
- 4) Sorate Rakesh Bhagwan
- 5) Gholap Ashitosh Sarjerao

We are wishing you for the project.

For PRAGATI ENGINEERING,



Mr. Gajanan P. Patil.

(CEO)



PRAGATI ENGINEERING

Date: 20/5/2022

COMPLETION CERTIFICATE

This is to certify that following students of SETI, Panhala have done satisfactory project work in the company on "Reduction of Set up time with the help of common jaw under the guidance of Mr. Ruturaj Jadhav (PRAGATI ENGINEERING) technical support toward the fulfilment of the award of bachelor of mechanical engineering during the period Sept 2021 to May-2022.

Regards

The name of student are:

- 1) Patil Parth Amar
- 2) Jadhav Prajval Damaji
- 3) Patil Vynkatesh Nivrutti
- 4) Sorate Rakesh Bhagwan
- 5) Gholap Ashitosh Sarjerao

PRAGATI ENGINEERING,



Mr. Gajanan P. Patil.

(CEO)



SPONSERSHIP LETTER



DK INDUSTRIES

B-66, MIDC SHIROLI, KOLHAPUR-416234

Date:-20/01/2022

To
Principal,
S.E.T.I. Panhala.

SUBJECT: - REGARDING SPONSORSHIP OF PROJECT WORK

Respected Sir,

Following students of Mechanical Engineering Department, of Sanjeevan Engineering & Technology Institute, Panhala, are dealing with company "D.K. INDUSTRIES" Shirol MIDC Kolhapur for the purpose of The project carried out in our industry is going to give good exposure for small Scale industry and hands on an industrial experience as well as knowledge to these students.

The students for the project are mentioned below:-

1. Ankita Bhimrao Shirke
2. Praful Krishnat Satpute
3. Rutuja Rajesh Patil
4. Sarvesh Subhash Kalagate
5. Sudarshan Bhairavnath Kadam

Project guide: - Prof. Praveen S. Atigre

Project Name: - "Design and Manufacturing of Combine Inspection Gauge for New Developed Part Silencer Cover 387 & Cover 388"

The above project is sponsored by our company "D.K. INDUSTRIES" Shirol MIDC Kolhapur.

This is only for your information purpose.



COMPLETION LETTER



DK INDUSTRIES

B-66, MIDC SHIROLI, KOLHAPUR-416234

Date: 07/06/2022

COMPLETION CERTIFICATE

This is to certify that flowing student of SETI, Panhala have done satisfactory project work in the company on "Design and Manufacturing of Combine Inspection Gauge for New Developed Part Silencer Cover 387 & Cover 388" Under the Guidance of Mr. AjitKhot (D.K. INDUSTRIES) Technical support towards the fulfillment of the award of Bachelor of mechanical Engineering during the period of June 2021 to March 2022 Regard

Group Member:-

1. AnkitaBhimraoShirke
2. PrafulKrishnatSatpute
3. Rutuja Rajesh Patil
4. SarveshSubhashKalagate
5. SudarshanBhairavnathKadam

Project guide: - Prof. A.S. ATIGRE

Ajit Khot
AJIT KHOT

PRODUCTION MANAGER
DK INDUSTRIES



हायटेक कृषि उद्योग केंद्र

भुयेवाडी, ता. करवीर, जि. कोल्हापूर

पोप्रा. पी.डी. पाटील मो. नं. ९७६३३०५२६५, ९८८१५११९०१

मचकडे गुन्हाळाचे कनकर, काइलीतील ॲटोमॅटीक फिरणारा हाट, ड्रायएअर (चिपाडे वाळवण)

ड्रायएअर (एलडीओ, डिझेल), क्लोअर इ. मिळेल.

आधुनिकीकरण बरोबर १००% बचत

दि. 15-9-18

SPONSORSHIP LETTER

This is to certify that following Final Year Engineering students of mechanical engineering department of Sanjeevan Engineering and Technology Institute, Panhala are sponsored for following project in our organization for the Academic year 2018 – 2019

Title of Project: "Sugar Cane Planting Machine"

Name of Students:

- 1) Mr. Patil Sangram Vikas
- 2) Mr. Patil Sunil Babaso
- 3) Mr. Patil Rushikesh Vitthal
- 4) Mr. Sitre Prasad Prasannkumar
- 5) Mr. Yadav Arjun Yashavant

Name of guide: Prof. P.S.Atigre

Terms and conditions:

- 1) Students are expected to work sincerely and regular on the project to complete the same in stipulated time.
- 2) All the required facilities and equipments to carry out the project work would be provided by company.

Proprietor

हायटेक कृषि उद्योग केंद्र

Prasad
प्रोप्रायटर

हायटेक कृषि उद्योग केंद्र

भुयेवाडी, ता. करवीर, जि. कोल्हापूर

पोप्रा. पी.डी. पाटील मो. नं. ९७६३३०५२६५, ९८८१५११९०१

मचकडे गुन्हाळाचे कनव्हेर, काईलीतील ऑटोमॅटीक फिरणारा ऱ्हाट, ड्रायएअर (चिपाडे वाळवण) सॅन्ड

ड्रायएअर (एलडीओ, डिझेल), ब्लोअर इ. मिळेल.

आधुनिकीकरण बरोबर १००% बचत

दि. 21-02-19

COMPLETION LETTER

This is to certify that following Final Year Engineering students of Mechanical Engineering Department of Sanjeevan Engineering and Technology Institute, Panhala have successfully completed project entitled as "Sugar Cane Planting Machine" in our organization from Aug 2018 to Feb 2019.

Title of Project: "Sugar Cane Planting Machine"

Name of Students

- 1) Mr. Patil Sangram Vikas
- 2) Mr. Patil Sunil Babaso
- 3) Mr. Patil Rushikesh Vitthal
- 4) Mr. Sitre Prasad Prasannkumar
- 5) Mr. Yadav Arjun Yashavant

Name of guide: Prof. P.S.Atigre

During project their behavior was good we wish all the best to them for their future

Proprietor

हायटेक कृषि उद्योग केंद्र


प्रोप्रायटर

AY

2022-23

Yashonand Engineers And Contractors

2072 A Ward, Kolhapur

yashonand10@gmail.com

Date:- 19/08/2022

To,
Head of the Department,
Electrical Engineering Department,
Sanjeevan Engineering And Technology Institute Panhala, Kolhapur



Dear Sir,
This is with reference to application of the student for research project in our company,

We are glad to inform you that we have allotted engineering project in our company.

Name of Students

Dattatray G kumbhar
Shubham Shankar patil
Pandurang A. kamble
Vivek shamrav patil

Title of Project: Calibration Of 1 Phase And 3 Phase Energy Meter Using PID Controller.
Project details will be briefed to him on reporting.

M.S. Yashonand Engineers & Contract
Govt. Licensed Electrical Contractor
M. C. 216310007610122020
2072 'A' Ward, Rankala Stand, Kolhapur

Thanks and regards,

Yashonand Engineers And Contractors

2072 A Ward, Kolhapur

yashonand10@gmail.com



Date:- 18/05/2023

To whom it may concern

This is with certify that following students from Electrical Department, Sanjeevan Engineering And Technology Institute Panhala, Kolhapur has completed the project with us, under our research and development activity.

Name of Students- from Degree in Electrical Branch

Dattatray .G. Kumbhar
Shubham Shankar patil
pandurang A. kambale
vivek shamrav patil

Above students successfully completed their project on

Title of Project: Callibration of 1 phase and 3 phase energy meter using PID controller

Thanks and regards,

M/s. Yashonand Engineers & Contractors
Govt. Licensed Electrical Contractor
M. C. 216310007610122020
2072 'A' Ward, Rankala Stand, Kolhapur



ERO POWER
Your Energy Partner

ERO Power LLP
A-805, 8th Floor, Lodha Altia,
New Cuff Parade, Wadala Truck Terminal
Road, Antop Hill, Mumbai - 400037
Email Address: vandana@eropower.in
Contact Details: 7887373263

Sponsorship Letter

Tejas Powalkar

Date:-05/05/2023

Wangikar galli,
Talsande,
Kolhapur-416112

Welcome to ERO Power,

Please refer to your presentation dated 05th May 2023, we are pleased to offer you sponsorship from our organization as discussed for project of E-Bicycle, other terms and conditions of Sponsorship will be shared to you after your project completion & also subject to the clearance of your final year exam from university.

2. Date of Project Submission: 30th August 2023
3. Location: Your location shall be EON Kharadi Pune

We wish you a fulfilling and successful career with ERO Power LLP.

Yours Faithfully,

For ERO Power LLP



AY

2021-22

To,
The principal,
Sanjeevan Engineering and Technology Institute,
SETI-Panhala 416201.

Subject: Regarding Final Year Bachelor of Engineering Project Sponsorship.

Respected sir,

I am **Mr. Ramrahul Jadhav** Owner of **MANTRA GRAPHICS**, have given the idea about the "**MULTI-PURPOSE PORTABLE CNC MACHINE**" to these students and they are completed as per requirement. I have given sponsorship for their project. As per the terms and conditions they have to submit their project after the final year presentation.

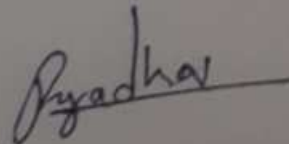
Thanking You,

Name of the Students (Project Group)

Lohar Neeraj Shrirang

Gurav Amruta Vijay

Maner Mohammadali Aslam



MANTRA GRAPHICS,

Mr. Ramrahul Jadhav,

8237414188

To,
The principal,
Sanjeevan Engineering and Technology Institute.
SETI-Panhala 416201.

Subject: Regarding Final Year Bachelor of Engineering Project Sponsorship.

Respected sir,

I am **Mr. Ramrahul Jadhav** Owner of **MANTRA GRAPHICS**, have given the idea about the "**MULTI-PURPOSE PORTABLE CNC MACHINE**" to these students. I have given sponsorship for their project. As per the terms and conditions they have to submit their project after the final year presentation.

Thanking You,

Name of the Students (Project Group)

Lohar Neeraj Shrirang

Gurav Amruta Vijay

Maner Mohammadali Aslam

R. Jadhav

MANTRA GRAPHICS,

Mr. Ramrahul Jadhav,

8237414188



ASHANI ENTERPRISES

Reg. No. MH31A0005771, GST-27CAOPS5375N1ZM

Tarangan Apartment, Shivshakti Nagar, Kankavli-416602
Contact No-9403351262 /9404173404, Email-ashanienterprises@gmail.com

Date-17/11/2021

SPONSORSHIP LETTER

To,
The Principal,
Sanjeevan Engineering & Technology Institute. SETI-Panhala
416201.

Subject: Regarding Final Year Bachelor of Engineering Project Sponsorship.

Respected Sir,

I am **Mr. Siddhesh Sawant** Owner of **ASHANI ENTERPRISES**, Have given the idea about the **SOLAR CHARGING STATION** to these students and they are completed as per requirement. I have given them sponsorship for their project. As per the terms and condition they have to submit their project after the final year presentation.

Thanking You,

Name of the students (Project Group)

Parab Hemant Laxman.
Desai Piyusha Viragonda.
Sabhasad Aniket Ravindra.
Kadam Ajay Namdev.
Patil Omkar Dipak.
Kumbhar Atul Shahaji.
Jambhale Aniket Krishnat.



For ASHANI ENTERPRISES,

Siddhesh Sawant,

9403351262/9404173404

Save Energy, Save Assets of Future.



ASHANI ENTERPRISES

Reg. No. MH31A0005771, GST-27CAOPS5375N1ZM

Tarangan Apartment, Shivshakti Nagar, Kankavli-416602 Contact No-9403351262 /9404173404, Email-ashanienterprises@gmail.com

Date:-11/06/2022

COMPLETION LETTER

To,
Project Guide,
Dept. of Electrical Engineering,
SETI, Panhala 416201

Respected sir,

I am Owner of ASHANI ENTERPRISES near in kankavali declare that the students of B. Tech Electrical from Dept. of Electrical Engineering, SETI Panhala 476201.

Name :-

Parab Hemant Laxman.
Desai Piyusha Viragonda.
Sabhasad Aniket Ravindra.
Kadam Ajay Namdev.
Patil Omkar Dipak.
Kumbhar Atul Shahaji.
Jambhale Aniket Krishnat.

Satisfactorily completed the assigned project to them within a give period. So, I assured you their fulfilment of the final year project.



Save Energy, Save Assets of Future.

Shree Dutta Cane Agro Ltd.



C/o Pratap Bapuso Lad, KUNDAL 416309 Tal- Palus Dist Sangli.MH(India)Mob: 9766327181

Website : duttcaneagro.com , Email : prataplad66@gmail.com CIN : U01110PN2017PCL171335

Date :- 06/06/2022

SPONSORSHIP LETTER

To,
The principal,
Sanjeevan Engineering & Technology Institute. SETI-Panhala
416201

Subject:- Regarding Final Year Bachelor of Engineering Project Sponsorship.

Respected sir,

I am Mr. Pratap Lad Owner of SHREE DATTA CANE AGRO PVT.LTD Have given the idea about the POWER GENERATION BY REVOLVING DOOR to these students and they are completed as per requirement. I have given the sponsorship for the project after final year presentation.


Thanking You,

Name of the students(project Group)

Kupade Abhishek Balasao

Lad Akshay Shivaji

SHREE DATTA CANE
AGRO PVT.LTD


Pratap. B . Lad



Shree Dutta Cane Agro Ltd.

C/o Pratap Bapuso Lad, KUNDAL 416309 Tal- Palus Dist Sangli.MH(India)Mob: 9766327181

Website : duttcaneagro.com , Email : prataplad66@gmail.com CIN : U01110PN2017PCL171335

Date-04/07/2022

COMPLETION LETTER

To,
Project Guide
Dept. of Electrical Engineering.
SETI, Panhala 416201

Respected sir,

I am Owner of SHREE DATTA CANE AGRO PVT.LTD near in Khanapur declare that the students of

B.Tech Electrical from Dept of Electrical Engineering ,SETI Panhala416201

Name:-

Kupade Abhishek Balasao

Lad Akshay Shivaji

Satisfactorily completed the assigned project to them within a given period.so

I assured you their fulfilment of the final year project .

Thanking You

AY

2020-21

ELECTROSAL HI TECH PVT. LTD. SHRIPEWADI
Factory H. No. 397 At. Shripewadi Po. Nanganur, Nipani – 591241
CIN : U32303KA2013PTC072576PH. NO. 8880027297 , 7026267272
web : www.electrosal.com mail : info@electrosal.com

SPONSORSHIP LETTER

DATE :- 20/8/2020

To,
The Principal,
Sanjeevan Engineering & Technology Institute,
SETI – Panhala.

Name of Students:-
Ranjeetsinh Bajarang Dattu.
Pranva Pandurang Patil.
Pratik laxman Patil.
Shreeshailya Appaso Kumbhar.

Subject: - About Sponsorship....

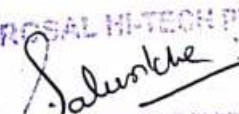
Respected Sir,

I am T. D. Salunkhe owner and managing Director of Electrosal Hi tech pvt. Ltd , Shripewadi Tal. Nipani Dist. Belguam. I have given them idea about **THREE PHASE FAULT ANALYSIS AND LOCATION DETECTOR WITH AUTO RESET ON TEMPORARY FAULT AND PERMANENT TRIP OTHERWISE** to the students. They are completed as per my requirement. I have given them sponsorship for their project. As per terms and conditions they have to submit their project after final demo.

Thank you.

Yours Faithfully,

ELECTROSAL HI-TECH PVT. LTD.


MANAGING DIRECTOR
TULASIDAS SALUNKHE



ELECTROSAL HI TECH PVT. LTD. SHRIPEWADI
factory H.no.397 at.shripewadi po.nanganur, nipani-591241 .
Web: www.electrosal.com Ph. No. 8880027297

COMPLETION LETTER

DATE :- 24/12/2020.

As per our company requirement the below students have satisfactorily completed
the assigned project to them within given period of time.

Name of Students:-

Pranva pandurang patil
Ranjeetsinh bajarang dattu
Pratik laxman patil
Kumbhar shreeshailya appaso.

Thank you.

ELECTROSAL HI-TECH PVT. LTD.

Tulasidas Salunkhe
MANAGING DIRECTOR
TULASIDAS SALUNKHE

Authorised Signatory



PATIL POULTRY FARM

Mr.R.S.Patil, Phone No.7219592737. A/P Bambavade(416 213),
Tal- Shahuwadi, Dist-Kolhapur.

SPONSORSHIP LETTER

DATE :- 19/10/2020

To,
The Principal,
Sanjeevan Engineering & Technology Instititue,
SETI – Panhala.

Name of Students:- Susmita Manohar Chougule.
Virashree Bharat Desai.
Shweta Sanjay Kamble.
Pooja Sunil Gaikwad.

Subject:- About Sponsorsip....


Respected Sir,

I am R.S.Patil owner of Patil Poultry Farm, A/p Bambavade ,Tal Shahuwadi, Dist-Kolhapur. I have given them idea about Smart Egg Incubator Machine to the students. They are completed as per my requirement. I have given them sponsorship for their project. As per terms and conditions they have to submit their project after final demo.

Thank you.

Yours Faithfully,

Mr. R.S.Patil


PATIL POULTRY FARM
BAMBAVADE, TA. 416213

PATIL POULTRY FARM
Mr.R.S.Patil, Phone No.7219592737 A/P- Bambavade(416 213),
Tal- Shahuwadi Dist- Kolhapur

COMPLETION LETTER

DATE :- 31/03/2021

To,
The Project Guide,
Department of Electrical Engg.,
SETI – Panhala.

Respected Sir,

I am R.S.Patil. owner Patil Poultry Farm Bambavade, Tal-Shahuwadi Dist-Kolhapur.

Name of Students:- Susmita Manohar Chougule.
 Virashree Bharat Desai.
 Shweta Sanjay Kamble.
 Pooja Sunil Gaikwad.


Satisfactorily completed the assigned project to them within given period of time.

So, I assured you for their fulfillment of final year project.

Thank you.

Yours Faithfully,

Mr. R.S.Patil.


पाटिल पॉल्ट्री फार्म
बामवडे, मा. 9421003414

SAMARTH TRANSFORMERS

SPONSORSHIP LETTER

Date: 7.02.2024

To,
The Principal,
Sanjeevan Engineering & Technology Institute.
SETI-Panhala.

Name: Kagale Neha Chandrakant
Gadage Sonali Shrikant
Roshani Mahadev Patil
Abhishek Baburao Patil
Abhijeet Bajirao Todakar

Subject: About sponsorship....

Respected sir,

We are Samarth Transformers . we Have given Them idea about Double Holder Welding Transformer to this students and they are completed as per our requirement. we have given them sponsorship for their project. As per the terms and conditions they have to submit their project after final demo.

Thanking You.

Yours Faithfully,
Samarth Transformer.

Sponsors: Mr.RohitMali

Mr. AkshayKamble



SAMARTH TRANSFORMERS

COMPLETION LETTER

Date: 14-6-2024

To,
Project Guide,
Dept.of Electrical Engg, SETI, panhala

Respected sir,

we are the owner of samarth Transformers nearby declare that the students of
B.Tech.Electrical from Dept. of Electrical Engg,SETI Panhala,

Name: Kagale Neha Chandrakant
Gadage Sonali Shrikant
Roshani Mahadev Patil
Abhishek Baburao Patil
Abhijeet Bajirao Todakar

So, I assured you for their fulfillment of final year project.

Thanking You.

Yours regards,
Samarth transformers

onsors: **Mr.RohitMali**

Mr. AkshayKamble

Kolhapur Foundry and Engineering Cluster

GSTIN No. 27AAECK0826H1Z0

Regd. No. U74999 PN 2006 NPL 021834 DL 20/01/2011)

Regd. Office : Plot No. P - 62, MIDC Shirol, Tal. Hatkanagale, Kolhapur - 416 122

Additional Place of Business : Goshima Sub-Cluster, P-82, MIDC, Gokul Shirgaon, Kolhapur-416234.

E-mail : kfcluster@gmail.com, Info@kolhapurfoundrycluster.org, Website : www.kolhapurfoundrycluster.org

Managing Director :
SHRIKANT D. DUDHANE
Mob : +91-9822056246

Chairman :
SACHIN PATIL
Mob : +91-9370020077

Sponsorship Letter

Date: 11 Aug 2020

To,
Project Guide,
Dept, Of Electrical Engg,
SETI, Panhala.

Dear Sir,


I am Mr. Sachin S. Patil, Chairman of Kolhapur Foundry & Engineering Cluster hear by declare that following students of B.E Electrical Engg. Seti panhala.

Names:- Mr. Yogesh Maske.
Miss. Kartika Maske.
Miss. Pranoti Khade.
Mr. Amit Kamble.
Mr. Rahual Shinde.

Are completed there "Energy audit & Recommendation to reduce cost of electricity" Project in our Sand Reclamation plant' Shirol. This project is sponsored by our plant. As per terms & conditions students must submit their project report to us after their final demo.

Thanking you,

Yours faithfully,


Mr. Sachin S. Patil
Chairman,

Kolhapur Foundry & Engineering Cluster

Kolhapur Foundry and Engineering Cluster

(Regd. No. U74999 PN 2008 NPL 021834 Dt. 20/01/2011)

GSTIN No. 27AAECK0626H1Z0

Regd. Office : Plot No. P - 62, MIDC Shiroll, Tal. Hatkanagale, Kolhapur - 416 122

Additional Place of Business : Goshima Sub-Cluster, P-82, MIDC, Gokul Shirgaon, Kolhapur-416234.

E-mail : kfcluster@gmail.com, info@kolhapurfoundrycluster.org, Website : www.kolhapurfoundrycluster.org

Managing Director :
SHRIKANT D. DUDHANE
Mob : +91-9822056246

Chairman :
SACHIN PATIL
Mob : +91-9370020077

13 APR 2021

To,
Project Guide,
Department of electrical engineering
SETI, Panhala.

Dear Sir,

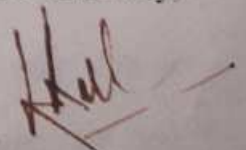
I am Sachin S. Patil, Chairman, Kolhapur Foundry and Engineering Cluster. Hereby declare that, following students of B.E. Electrical Engineering, SETI Panhala.

Names: - Mr. Yogesh Maske
Miss. Kartika Maske
Miss. Pranoti Khade
Mr. Amit Kamble
Mr. Rahul Shinde

Are completed their "Energy audit and recommendation to reduce cost of electricity" project in our sand reclamation plant. This project was sponsored by our plant and now it's completed. As per terms and condition students must submit their project report of golden embassies to us after final checking and signing by collage.

Thanking you,

Yours faithfully,



Sachin S. Patil
Chairman,

Kolhapur foundry and engineering cluster

**GAJANAN ELECTRICALS
KOLHAPUR**

919 B word Azad chowk
Kolhapur.416002

Gajananelectricals.9000@gmail.com

SPONSORSHIP LETTER

DATE: 3/8/2020

To,
The Principal,
Sanjeevan Engineering & Technology Institute.
SETI- Panhala 416201.

Name:

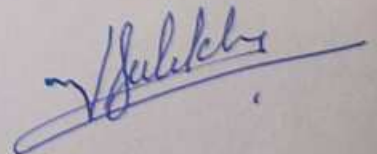
RUSHIRAJ SHIVAJI BEDAGE.
MRUNALINEE GAJANAN GAIKWAD.
AMIT KRUSHNATH SHITOLE.
VINAYRAJ BHARAT SALOKHE.
RUTUJA BABASO PARIT.
SANYOGITA SURYAKANT SURYAWANSHI.

Subject: About Sponsorship.

Respected sir,

I am **Mr. Vinayraj B Salokhe** owner of **Gajanan Electricals**. Have given the idea about the fully electrical bike (E-bike) having new self-charging techniques named as Thunder bike to these students and they are completed as perm requirement. I have given them sponsorship for their project. As per the terms and conditions they have to submit their project after the final demo.

Thanking You.
Yours Faithfully,
Mr. Vinayraj B Salokhe



**GAJANAN ELECTRICALS
KOLHAPUR**

919 B word Azad chowk
Kolhapur.416002

Gajananelectricals.9000@gmail.com

COMPLETION LETTER

DATE: 31/03/2021

To,
Project Guide,
Dept. of Electrical Engineering,
SETI, Panhala 416201.

Respected sir,

I am **Mr. Vinayraj B Salokhe** owner of **Gajanan Electricals** near Kolhapur declare that the students of B. Tech Electrical from Dept. of Electrical Engineering, SETI Panhala 416201.

Name:

RUSHIRAJ SHIVAJI BEDAGE.
MRUNALINEE GAJANAN GAIKWAD.
AMIT KRISHNAT SHITOLE.
VINAYRAJ BHARAT SALOKHE.
RUTUJA BABASO PARIT.
SANYOGITA SURYAKANT SURYAWANSHI.

Satisfactorily completed the assigned project to them within a given period. So, I assured you of their fulfilment of the final year project.

Thanking You

Mr. Vinayraj B Salokhe



GALAXY

ENGINEERS & CONTRACTORS

Mahalaxmi Prasad Apt., Tarabai Park, Kolhapur-416003(Mah.)
Mob:9833877482. E-mail: galaxyengineering62@gmail.com

SPONSORSHIP LETTER

Date :04.08.2020

To,
Project guide,
Dept. of Electrical Engg,
SETI,Panhala.

Names : Mr. Gavin Benjamin Fernandes.
Mr. Stebin Varghese Kanjirampambil
Mr. Vedant Vishwanath Joshi
Mr. Ramesh Krishnat Valunj
Miss. Chaitrali Dhananjay Chafodikar

Subject : About sponsorship.

Respected sir,

I am Mr.Elvis D'souza ,Proprietor of Galaxy Engineers & Contractors, I have given them the idea of making a Smart Self charging E-bicycle to this students and they have to complete it as per my requirement. I have given them sponsorship for their project .As per the terms and conditions they have to submit their project after final demo.

Thanking you .

Your Regards,



GALAXY

ENGINEERS & CONTRACTORS

Mahalaxmi Prasad Apt., Tarabai Park, Kolhapur-416003(Mah.)
Mob:9833877482. E-mail: galaxyengineering62@gmail.com

COMPLETION LETTER

Date :17.06.2021

To,
Project guide,
Dept. of Electrical Engg,
SETI,Panhala.

Respected sir,

I am Mr.Elvis D'souza ,Proprietor of Galaxy Engineers & Contractors, Hereby declare that the students of B.E Electrical ,SETI Phanala,

Names : Mr. Gavin Benjamin Fernandes.

 Mr. Stebin Varghese Kanjirampambil

 Mr. Vedant Vishwanath Joshi

 Mr. Ramesh Krishnat Valunj

 Miss. Chaitrali Dhananjay Chafodikar

Satisfactorily completed the assigned project given to them within the given time period .

So, I assured you for their fulfillment of the final year project.

Thanking you .

Your Regards,



SHRI RAM FLOWERS
Reg.No.107634461803, Mr.R.R.Bhosale, Phone No.8888004444
Work/Office,Swastik Plaza,New Shahupri,Kolhapur. 416 003.

SPONSORSHIP LETTER

DATE :- 28/08/2020

To,
The Principal,
Sanjeevan Engineering & Technology Institute,
SETI - Panhala.

Name of Students:-
Nishad Sikandar Bargir
Aman Sanjay Vadgaonkar
Kishor Machhindra Kamble
Amol Ravindra Patil

Subject:- About Sponsorsip....

Respected Sir,

I am R.R.Bhosale owner of Shri Ram Flowers, Swastik Plaza, New Shahupri, Kolhapur. I have given them idea about Automatic Pesticide Spraying Machine to the students. They are completed as per my requirement. I have given them sponsorship for their project. As per terms and conditions they have to submit their project after final demo.

Thank you.

श्रीराम फ्लॉवर्स

R.R.Bhosale

प्रोप्रायटर्स

Yours Faithfully,

Mr. R.R.Bhosale

SHRI RAM FLOWERS

Reg.No.107634461803, Mr.R.R.Bhosale, Phone No.8888004444
Work/Office,Swastik Plaza,New Shahupri,Kolhapur. 416 003.

COMPLETION LETTER

DATE :- 05-05-2022

To,
The Project Guide,
Department of Electrical Engg.,
SETI - Panhala

Respected Sir,

I am R.R.Bhosale owner of Shri Ram Flowers, Swastik Plaza,New
Shahupri,Kolhapur.

Name of Students:- Nishad Sikandar Bargir
Aman Sanjay Vadgaonkar
Kishor Machhindra Kamble
Amol Ravindra Patil

Satisfactorily completed the assigned project to them within given period of
time.

So, I assured you for their fulfillment of final year project.

Thank you.

Yours Faithfully,

Mr. R.R.Bhosale

श्रीराम फ्लॉवर्स
Bhosale
मोघ्रायट्ट



आपले सरकार सेवा केंद्र, बोरवडे
ता-कागल, जि-कोल्हापूर
CSC-564534170010

SPONSORSHIP LETTER

DATE: 18/09/2020

TO,
The Principal,
Sanjeevan Engineering & Technology Institute,
SETI- Panhala.

Name: Ruturaj Rajendra Bandal
Jaydip Jaysing Sathe
Snehal Namdev Mitake
Pragati Anil Kamble

Subject: About Sponsorship...

Respected Sir,

I am Mr. Suryawanshi V.L. Working In Apale Sarkar Seva Kendra, Boravade. I Have given them the idea about Hybrid Wind- Solar Power Generation To this students and they are completed as per my requirement. I have given them sponsorship for their project. As per the terms and Conditions they have to submit their project after final demo.

Thanking You.

Yours Faithfully
Mr. Suryawanshi V.L.



आपले सरकार सेवा केंद्र, बोरवडे
ता-कागल, जि-कोल्हापूर, 416208
CSC-564534170010

COMPLETION LETTERE

DATE: 30/03/2024

To,
Project Guide,
Dept. of Electrical Engg,
SETI, panhala

Respected sir,

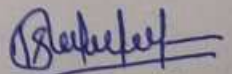
I am Mr. Surywanshi V. L. owner of Hybrid Wind - Solar Power Generation near by declare that the students of B.E. Electrical from Dept. of Electrical Engg, SETI Panhala,

Name's:- Raturaj Rajendra Bandal
Jaydip Jaysing Sathe
Snehal Namdev Mitake
Pragati Anil Kamble

Satisfactorily completed the assigned project to them within given period of time.
So, I assured you for their fulfillment of final year project.

Thanking You.

Yours Faithfully,



Mr. Suryawanshi V.L.



Department of Computer Science and Engineering
CERTIFICATE

This is to certify that Project entitled "**Presidency-Project Management Web Application**" is a bonafied Project work carried out by:

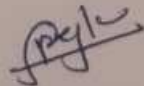
<u>SR. NO.</u>	<u>STUDENT NAME</u>	<u>Roll No.</u>	<u>PRN</u>
1	Vivek Pandit Bhaskar	24	2063151242027
2	Akshaykumar Kakaso Bhore	25	2063151242038
3	Supriya Vijay Sutar	26	2063151242029
4	Vaibhavi Ambaji Dhangar	27	2063151242030
5	Nikita Tanaji Kumbhar	28	1963151242011

in fulfillment of the requirements for the award of **Bachelor of Technology (B. Tech) in Computer Science and Engineering** by **Dr. Babasaheb Ambedkar Technological University, Lonere** for the academic year 2022-23. It is certified that all the corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project prescribed for the said Degree.



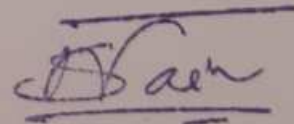
Guide

Prof. P.D. Patil



HOD

Prof. R. S. Nejkar



Principal

Dr. S. N. Jain

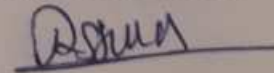
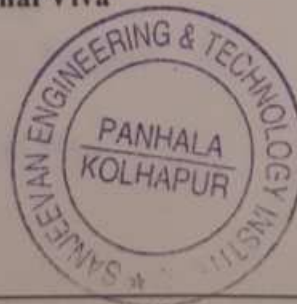
Name of the Examiners:

External Viva

Signature with Date

1 Mr Ritesh Shukla

2.





Application Inc.
Kolhapur, Maharashtra, India.
E-Mail- ceotheapplication@gmail.com
Website - www.wetheapplication.com

Date - 30/08/2022

To,
Vivek P. Bhaskar, Akshaykumar Bhore, Nikita Kumbhar, Supriya Sutar, Vaibhavi Dhangar

Dept. of CSE,

Sanjeevan Engineering & Technology Institute, Panhala, Kolhapur.

Sub: Project Sponsorship Offer Letter.

Dear Students,

It is our great pleasure to send you this project sponsorship offer letter for the B.Tech. project from Application Inc.

We hope you will display good performance in researching, developing, and delivering excellent performance through your skills and ideas. You have to report to our HR manager after the completion of the documentation process. The overall sponsorship period is from **1 September 2022 to 31 July 2023**. We are very pleased to send you this letter to offer you the sponsorship for your B.Tech Project. Welcome to the Application family.

Warm Regards,

Gaurav Dabade
Founder, Director and CEO
Application Inc.
Kolhapur, India

Research and Development Policy

Sr.	Item	Page No.
	Summary of Research and Development Policy	1
1	Establishment of Research Advisory Board	2
2	Establishment of Research Steering Committee (Research Forum)	5
3	Roles and Responsibilities Dean (R&D) Research Forum	6
4	Norms and standards for research grant policy (Seed Money)	8
5	Faculty Deputation and sponsorship policy	11
	Policy for research expenditures for funded projects	13
6	Policy for distribution of consultancy charges	14
7	Purchase Procedure for funded projects and consultancy grants	14
8	Review and research audits	22
9	Responsibilities of a Research Investigator	22
10	Policy to check malpractices and misconduct in research	23
11	Extension activities for neighboring community	32
12	Eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge	33

Research and Development (R&D) Policy:

Sanjeevan Engineering and Technology Institute (SETI), Panhala is a well recognized Institute imparting quality technical education since last 15 years. For accomplishment of the Vision & Mission of the Institute, laying foundation for high quality research and inculcating research culture among all the stake holders of the institute is necessary. The objective of Research & development initiatives undertaken by SETI, Panhala is to establish research culture and facilitate development of faculty and students.

Institute enrolls total 73 faculty members out of which 8 are Ph.D. holders and more than 10 are pursuing their Ph.D.s. Improving high-quality scientific research is a necessary requirement for creating successful applications for society needs. All the efforts towards research, development, consultancy and innovation of this Institute aim at improving and strengthening research culture in the institute to contribute towards societal benefits. Following are some initiatives undertaken by the institute for strengthening research culture

- As part of local management committee, Dean (Research, Development Industry liasoning) has been appointed for policy making and initiating various research and development related activities. To percolate the policies and vision related to research in every department of the institute, Research Coordinators have also been appointed.
- For development of the faculty, efforts such as deputing faculty for internship in industry, deputing for collaborative research, encouragement for PhD, facilitating for knowledge creation, faculty development programs and trainings, etc. are undertaken.
- Based on individual expertise every faculty is encouraged to generate funds through consultancy/research projects/training/patents.
- Faculty member actively contributing in research is appreciated by the institute through awards and recognition.
- To bring out research potential of the students, institute is doing significant innovations in the Teaching – Learning process such as project based learning, technical activities,

semester long internships to industry/research organizations etc.

The various components and processes of the research culture of the institute are described below

1. Research Advisory Board (RAB)

Preamble:

The mission of the Research Advisory Board (RAB) is to increase the quantity and quality of Academic Research, Sponsored Research, Consultancy, Training etc. at Sanjeevan Engineering and Technology Institute, Panhala.

Objectives:

The objectives of the Research Advisory Board are:

- To provide policy guidelines and to streamline the process of developing research proposals.
- To establish mechanisms for coordinating research at different levels and give direction for the growth and development of research activities.
- To advice on thrust areas and disciplines for research activities for future development in research.
- To advise to improve the existing infrastructural facilities both for academic and sponsored research and enhancing research ambiance.
- To facilitate grant writing and identify the funding agencies.
- To identify and recommend research collaboration with reputed research institutes / centers.
- To establish training program related academic research activities.

A **Research Advisory Board (RAB)** is formed to for formulating the overall research policies and guidelines for the institute. The RAB will monitor the activities under R&D cell and will guide the cell to organize and perform the various activities for effective functioning of the cell. The board provides guidance and strategic input on how the RSC of the institute can best meet the needs of members.

Composition:

The board formulated is as follows. The tenure of this board will be of three years. Honorarium, TA/DA and Accommodation will be provided to all the members for attending the meetings as per DBATU, Lonere norms. The minimum quorum required to conduct the meeting is 50 %.

S.N.	Name of the Member	Designation & Affiliation	Role
1.	Dr. Sanjeev N. Jain	Principal	Chairman
2.	Dr. Suhas G. Sapate	Dean- Research & Development	Member Secretary
3.	Dr. Sachin M. Pore	Dean R&D, DBATU, Lonere	University Nominee
4.	Mr. Arvind N. Parushetti	Ex. Scientist, TIFR, Mumbai	Industry Nominee
5.	Dr. Rajesh Ingle	Professor, IIIT Naya Raipur	Member-CSE
6.	Dr. Dhananjay Talange	Professor, RIT, Sakhrale	Member-Elect
7.	Dr. K. B. Prakash	Professor, SGBIT, Belagavi	Member-Civil
8.	Mr. Avinash Puranik	DY GM, SCM, inYANTRA, Pune	Industry Nominee
9.	Mr. Rajesh Mangire	Program Manager, Tata Technologies, Pune	Industry Nominee
10.	Dr. Deepak C. Sonawane	Dean, R&D, SSVPM CoE Dhule	Member-Mech
11.	Dr. Saurav Mitra	Professor, Dept. of E&TC, Gogte Institute of Technology, Belagavi.	Member, E&TC
12.	Dr. Akshay Dudhane	Research Scientist, MBZ University of Artificial Intelligence, Abudhabi,UAE.	Member-IT
13.	Dr. Prashant Patil	Asst. Prof. Mehta Family School of Data Science and Artificial Intelligence, Indian Institute of Technology, Guwahati, India.	Member-Data Science & AI
14	Dr. Chirag Modi	Associate Professor, National Institute of Technology, Goa.	Member-CSE

Frequency of Meetings:

The meeting of the board will take place twice a year; possibly at the beginning of each semester. The convener of the board shall ensure the scheduling of the meetings on a convenient day once in a semester by contacting all the members of the board in advance. He/She will also maintain the minutes of the meetings and will also follow up with actionable points.

2. Establishment of Research Steering Committee (Research Forum):

The Research Steering Committee implements wide ranging activities such as promoting applied and basic research, technology development, establishing centers of excellence, honing and cultivating appropriate research skills within faculty by deputing for Ph.D. studies, Conferences, Workshops and Short Term Training Programs (STTPs), promoting faculties to submit research proposals for different funding agencies viz. DBATU, Lonere, All India Council for Technical Education (AICTE), University Grants Commission (UGC), Department of Science & Technology (DST), Indian Space Research Organization (ISRO), Defense Research & Development Organization (DRDO), Council for scientific and Industrial Research (CSIR), Rajiv Gandhi Science and Technology Commission (RGSTC), etc.

Establishment of Research Steering Committee for various activities such as

- Sharing of research by internal faculty members
- Arranging expert lectures by outside eminent personalities
- Developing training modules
- Arranging conferences and workshops
- Submitting research proposals for government and non-government funding agencies
- Pursuing consultancy work, developing incubation centers.
- Writing patents
- Established research steering committee to coordinate the activities of the research forum.
- Arranging Training/ Discussion Sessions for the research forum:
- Having a mentor from IIT for every department
- Formalizing the procedure for Departmental research data collection
- Formalizing Training need Identification, Deputation and Feedback Process
- Formalizing the Research Appraisal Scheme for faculty members
- Developing a policy for SETI Research Grant

- Developing Conference and Workshop Deputation Policy
- Conferences and workshops organized by research forum



Research Steering Committee (2022_23)

S.N.	Name of the Member	Designation & Dept.	Duties
1.	Dr. Sanjeev N. Jain	Principal	Chairman
2.	Dr. Suhas G. Sapate	Dean- Research & Development	Vice-Chairman
3.	Dr. G. C. Koli	Dean, IQAC	Member
4.	Prof. Eknath Salokhe	Dean, Academics	Member
5.	Dr. V. Puranik	Head, Dept. of Electrical	Member
6.	Dr. Hiremath	Hrad, Dept. of Civil	Member
7.	Dr. Vinayak Devkar	Head, Dept. of Mechanical	Member
8.	Prof. R. S. Nejkar	Head, Dept. of CSE	Member
9.	Prof. Sudhir Nangare	Head, Dept. of BSH	Member
10.	Prof. Jabbar Mevekari	Coordinator (Civil Dept.)	Member
11.	Prof. N. Khan	Coordinator (BSH Dept.)	Member
12.	Dr. D. S. Bhosale	Coordinator (Computer Dept.)	Member
13.	Prof. N. S. Jadhav	Coordinator (Electrical Dept.)	Member
14.	Prof. R. P. Urunkar	Coordinator (Mechanical Dept.)	Member
15.	Dr. Sachin Jadhav	Coordinator (Automobile Dept.)	Convener

3. Roles and responsibilities

Roles and Responsibilities of Dean (Research and Development)

1. To define various research quality policy and implement them time to time as per directives and recommendations of Academic Board and Board of Management.
2. To devise policies/ strategies and implement them for faculty for funded research projects and consultancy from funding agencies.
3. To increase Industry Institute Interactions (III) for meaningful collaborations in terms of projects, faculty training, guest lectures, student projects, student internships, etc.
4. **Research Budget** – Proposal and Implementation on approval. Distributing seed money for research projects. Planning of research infrastructure and optimum utilization.
5. To inculcate research culture in the institute by organizing seminars, workshops, conferences, etc.

6. Identification of thrust areas where faculty need training and implementation
7. Member secretary of the research board

Roles and Responsibilities of Research Steering Committee (Research Forum)

The Research Steering Committee (Research forum) is responsible for assisting the Dean (R&D) in the performance of the responsibilities in respect of the establishment and promotion of excellence in the Institute's research and development, and academic and research training activities. This includes the development, review and monitoring of achievements under the Research & Development, and those aspects of other university/Institute Plans.

To promote research amongst the faculty and students the institute has introduced the following initiatives:

- **Offering and conducting interdisciplinary workshops**, seminars, training programs, and expert lectures for faculty and students
- **Offering research facilities** like research equipments, laboratories, access to online journals, etc. to facilitate a conducive research environment.
- Taking initiatives to **establish collaborative relations** with national, international and private research institutions.
- **Setting up Research Advisory Board (RAB)** consisting of experts from Industry and academia to help faculty interact with industry, present their work and projects, get their projects commercialized, fetch consultancy work or finding student internship / job opportunities.
- **Providing incentives / awards** for excellent performance in research related activities such as fetching research grants, having consultancy projects, generating IRG, publishing high quality journal / conference publications, etc.
- **Establishing research-based faculty appraisal policy.**
- **Establishing SETI research grant policy** to encourage young faculty to pursue research work.

- **Setting up liaisons** at various government and non-government agencies to facilitate the smooth conduction of application procedures and maximizing the probability of success to fetch research grant.
- **Developing IPR cell** providing sponsorships to help faculty file patents and commercialize them.
- Deputing faculty for training relevant to their research and teaching areas.
- **Developing incubation centre** to encourage entrepreneurship activities and providing a fertile ground for students and faculty to cultivate new research ideas, developing prototypes, getting seed funding from investors to help them realize their dream products.
- Developing the **departmental centre of excellence** activities also strengthens R&D Activity.

3. Incentives for Researchers with outcome

This part presents the research incentives that are going to be issued by the Management for faculty publications, patents, funded projects and consultancy works, Research Targets for the faculty and its implementation policy. The new incentive policy will be implemented from **July, 2022**.

INCENTIVES

Publication of Articles/Books/Book Chapter in International/ National Journals / Conferences/publisher:

Journal	Impact Factor / Citescore	Incentive Amount
International Journal	IF > 8 or H-Index > 150	Rs. 20,000/-
International Journal	5 < IF < 8 or H-Index 100 < HI < 150	Rs. 17,000/-
International Journal	2 < IF < 5 or H-Index 50 < HI < 100	Rs. 15,000/-
International Journal	0.5 < IF < 2 or H-Index 25 < HI < 50	Rs. 10,000/-
International Journal	IF < 0.5 or H-Index HI < 25	Rs. 8,000/-
International Journal	WoS/Scopus/SCI Indexed	Rs.5,000/-
International Journals	UGC Indexed Journal	Rs. 2,000/-
Scopus Indexed International Conference	WoS/Scopus/SCI Indexed	Rs. 5,000/-

Scopus Indexed National Conference	WoS/Scopus/SCI Indexed	Rs. 3,000/-
Technical Book with International Publisher	WoS/Scopus/SCI Indexed	Rs. 15000/-
Technical Book with National Publisher	WoS/Scopus/SCI Indexed	Rs. 10000/-
Book Chapter in Scopus Indexed International Editions	WoS/Scopus/SCI Indexed	Rs. 5,000/-
Chapters in Non Scopus Editions	--	Rs. 2000/-

Terms and conditions:

1. All the publications must add credentials to the institute in NAAC / NBA / NIRF. Then only the incentives are applicable.
2. Impact Factor should be given by Thomson and Reuter / Clarivate
3. 5% amount will be allocated for citing three papers published by faculty of SETI, Panhala or self-citations.
4. Compulsory citation of 3 papers of SETI, Panhala in IF Journals in some cases may be exempted based on the recommendations of the Incentive Committee. Committee will investigate on case to case basis and recommend for exemption.
5. H- Index of Conference Proceedings will not be considered.
6. International or National Conferences should be organized by NIT/ IIT/ Central or State University / Deemed University / Research Laboratories / Reputed Institutes with Autonomous Status with NAAC / NBA Accreditations.
7. NAAS Score of the Journal will be considered in place of Scopus for the Publications made by the faculty of Agricultural Engineering Department.
8. Faculty who publish Scopus Indexed Conference papers with a group of UG students may be paid registration fee. Incentive will not be paid.
9. One person is eligible for only one incentive of any kind in one semester.

For the above the faculty must be:

- i) The first author, with SETI affiliation. OR
- ii) If the faculty is not the first author; then the first author must be a registered student of SETI and the paper is published with SETI affiliation. OR
- iii) If the faculty affiliation is not SETI then the faculty must be the first author and he or she must be a research scholar deputed by SETI officially.
- iv) If the faculty member is not first author, he/she must be a PhD supervisor/ Co-Supervisor

Patents / Copyright

One of the key metrics being adopted for ranking institutions in the number of patents published and granted. The institution has been actively collaborating with Novel IPR Academy, a private organisation, in its efforts to provide patenting service. In order to ensure that a steady stream of ideas are generated and developed upon possible leading to patentable technologies, the following approach shall be adopted: The institution shall establish an Innovation Centre. This centre will serve as a central facility for all innovation related activities. Sensitisation programs will be conducted in all the departments in collaboration with Novel IPR Academy Students will innovative ideas and project works that can possibly lead to patenting opportunities will be short-listed. Active support and mentoring shall be provided to the short-listed students or student group to convert their ideas into patentable products. Heads of department shall nominate one faculty member to coordinate the innovation activities from each department. The faculty member, along with the student coordinators shall identify potential projects and coordinate with the innovation centre for achieving successful outcomes.

Incentive on Patents/Copyrights Awarded

- Any faculty who files for and is awarded a patent will be eligible for the following incentive:
 - ✓ Rs. 5,000 for a National Patent published
 - ✓ Rs. 10,000 for a National Patent Granted
 - ✓ Rs. 10,000 for an International Patent published
 - ✓ Rs. 20,000 for an International Patent granted

In addition to the above, all patenting charges will be reimbursed / borne by the institution for the patent granted with the name of institution appearing in all the documents

- Any faculty who files for and is awarded a copyright will be eligible for the following incentive:



- ✓ Rs. 5,000 for a National Copyright
- ✓ Rs. 10,000 for an International Copyright

In addition to the above, all copyright filing and search charges will be reimbursed / borne by the institution.

- The award will consist of a medal of honour, a citation and the above cash incentive.

Terms and Conditions:

The following terms and conditions shall apply for the above incentive awards:

- a. Any patent that demonstrates application of technology leading to the development of an innovative product or enhanced functionality of an existing product alone shall be considered for the scheme
- b. Non-technology based product patents shall not be eligible for the above scheme
- c. Products/processes/specific software etc. developed and copyrighted shall be considered for the above scheme if they significantly demonstrate technology development
- d. Books/manuals/lecture notes/monographs will not be eligible under the above scheme

Note: Faculty claiming incentive under the above scheme shall submit the following documents:

- a. Form 08B duly filled
- b. Copy of the Patent/Copyright
- c. Copy of documents filed for claim of patent/copyright

Funded projects / Grants :

Award of Grant for Conf / Workshop / Seminar	: Upto Rs. 10,000/-
research project where equipment is not involved	: Upto Rs. 10,000/-
projects where equipment is involved	: Upto Rs. 15,000/-
MODROBS	: Rs. 20,000/-

Note : Submission of application, follow up for getting the grant, carryout the project and submit utilization certificate should be done by the faculty.

CONSULTANCY PROJECTS

1. To encourage consultancy work from the faculty, SETI, Panhala announces a policy wherein the faculty can claim 100% of the amount charged under the consultancy work up to 5 Lakhs. This is subject to the following conditions:
 - a. SETI, Panhala faculty alone should be the sole Principal Investigator (PI) of the consultancy

-
- work and he should get the project on his own without taking any support from the Institute.
- b. The said consultancy work should be undertaken after the approval of the Head of the Institute and the agreement should be undertaken between SETI, Panhala and the concerned third party.
 - c. The payment for the consultancy work should be credited to SETI, Panhala which will further be passed on to the faculty as 100% Incentive.
 - d. The expenses incurred for project personnel / technician, contingencies, travel, consumables, stay, food, overheads and other costs should be borne from the consultancy amount. Institute will consider the time spent for attending the project as on duty (OD) and pays full salary to support consultancy work. The PI will be permitted to take up the project which can be carried out at Campus or at client location.
2. The faculty will be eligible for 75% of the revenue generated after deducting all the expenses from consultancy amount, if the total value of consultancy amount is above 5 Lakh.
 3. If any equipment or infrastructure is needed for executing any consultancy project, the decision for the purchase or lease for the same will be decided based on approval/suggestions from the R&D committee and Head of the Institute. The Incentive rules for such kind of projects will be separate and will be decided during the pre-approval meeting with Principal.
 4. If any consultancy project is executed with the equipment or facility sponsored by the Institute through its R&D seed grant or other funds, the Principal Investigator will be paid 50% of the revenue generated through the project after deducting all the expenses incurred as mentioned in 1(d).
 5. If a Consultancy project is assigned to any faculty from the Institute or with the support of the Institute, the Principal Investigator will be paid 40% of the revenue generated through the project as incentive after deducting all the expenses incurred as mentioned in 1(d) by the Institute. 60% of the revenue retained by the college will be used for the development of the concerned laboratory or department infrastructure.
 6. The consultancy works in which faculty receives 100% of the generated revenue as incentive,

will be considered as research and development activity and is not counted for appraisal or for any other incentive.

7. The maximum number of 6 working days will be allowed for attending consultancy project at client location within India on OD. Extension beyond this period has to be approved by the Head of the Institute with prior notice of 2 working days.

4. Norms and Standards for the Research Grant Policy

The Management of SETI Panhala has allocated budget to fund research projects to be undertaken by the faculty pursuing research in various areas. The aim of the scheme is to strengthen the research actively especially among the young faculty members which will act as a catalyst for them to apply to the various funding agencies for major grants.

The norms and guidelines of the scheme are given below to help the faculty in the preparation of the proposals.

1. The maximum grant available for each project is **Rs. 3 lakhs** and the duration of the project is for maximum two years.
2. Research proposals from faculty of Assistant professor cadre would be considered for acceptance. The Professors or Associate Professors can be Co-PI/adviser with an Assistant Professor as PI.
3. Proposals written in collaboration with faculty from within and other Departments (intra and interdepartmental) involving interdisciplinary research areas are given preference.
4. Number of research proposals to be sanctioned per Department would be as per faculty strength of the Department on the prorata basis.
5. The selection of the projects will be based on peer review and presentation of short-listed proposals in front of Expert Committee.
6. All assets generated out of the fund for the project including equipment, books and journals will become the property of the institution and an entry in the dead stock / consumable stock / library is mandatory for sanctioning the bills.
7. A publication in the form of a research paper in an international peer reviewed conference or journal is mandatory. The affiliation of the institute and an acknowledgement therein is essential to be mentioned in the research paper. One copy has to be submitted to the Dean R&D office.
8. Two students of UG and/or 1 student of PG are required to be associated with the project
9. a) A bound copy of the final report of the work done on the project in thesis form along

with CD / Floppy must be submitted to Dean R&D office on completion of the research project.

b) A copy of the “Final Report” of the work done should be kept in the Library of the respective department.

Guidelines for Research Proposal

Research proposal is an opportunity to faculty members to start or continue their research work in the Institute. The guidelines for the research proposal are as follows .

2. The proposal should clearly state the objectives, indicate current national and international status, methodology employed, plan of the research work, expected results and outcome of the project along with the budget estimate for two years.
3. The budget estimate should provide the details under different heads such as equipment, consumables / chemicals / reagents / supplies, contingency, books, etc.
4. For purchase of equipments, follow the procedure as per institute purchase procedure.
5. The Principal Investigator should present their project work six monthly in front of project evaluation committee.
6. The release of the funds as a second installment will depend on quality as well as the performance of the work done at first stage and also utilization of 75% funds released for the first stage.
7. The Principal Investigator should submit annual progress report along with the statement of accounts (Annexure-I) and utilization certificate (Annexure-II) at the end of financial year for the release of the subsequent grant to the Dean R&D office.
8. All Principal Investigators are supposed to publish their work in an international peer reviewed conference or journal of repute.
9. Every bill must be signed by HOD of the concerned department and the Principal before submission of Research projects **for audit.**
10. Expenditure towards the purchase of air-conditioners, or renovation of laboratories or the purchase of Mother Board, DVD writer, Hard Disk, RAM, Antivirus, Pen drive, Computer, Laptop, Mobile, DVD, Steam Oven, Home Theatre, Mixer, Handy cam, Printer, Scanner, Fridge, Cupboard, Books rack, Furniture, stationery item, etc. will be not allowed.
11. Dead stock/consumable stock entry is necessary for purchase on Research project.
12. Library's Accession No. is important on purchased books
13. Travelling expenditure will not be sanctioned. from this grant. Air ticket & other expenditure like food items, beverages, snacks, meals, local travel will not be sanctioned for attending National & International conference from this grant
14. Two students of UG and 1 student of PG for the project

15. The final report of research project should include
 - (i) Technical Report along with conclusions (two hard bound copies) / and published, presented, accepted paper(s) (A soft copy)
 - (ii) Statement of accounts
 - (iii) Utilization certificate
16. The central audit will be organized at the end of financial year for financial assessments of research projects.
17. In spite of these guidelines, any additional thing which will help in strengthening the research culture in Institutes shall be allowed after due sanction from the Honorable Principal.

4. Faculty Deputation and Sponsorship Policy

Deputation Training/ STTP/ Workshops/ Seminar:

The departments are allotted a budget of **Rs. 5000 * n**, where n is the number of faculty members working in that department. Head of the Department can use this budget for the departmental faculty. This cost includes registration, travel, and other expenses, if any for the faculty training.

No students will be sponsored for attending conferences, workshops, trainings, seminars, etc.

1. For deputation to training for STTP/ Workshops/ Seminar the departments are allotted a budget on prorata basis.
2. The deputation cost includes the registration, travel, and other expenses, if any, for the faculty training.
3. The Head of the Department can use this budget to recommend departmental faculty for deputation by considering the training needs identified by the faculty.

For faculty deputation following are the norms:

1. For events within India the faculty will be considered for providing TA/DA at actual

according to the college norms along with the On-Duty leave for the days required.

2. For the events outside India the faculty will be granted On-Duty leave. But, no registration charges, VISA/ passport fees, TA/ DA, insurance charges will be borne by the institute. The faculty can apply for the international travel grants to take care of these expenses. On-Duty leave will be sanctioned only when the faculty provides the proofs of the theft and medical insurance taken.
3. Students will be sponsored for any events only when the institute deutes themfor the same.
4. For deputation of all the events the faculty needs to apply for the deputation and/or sponsorship. The Principal will approve expenses after considering recommendation by the Head and the Dean R&D.

Apart from the above norms following are the norms which are more specific to the event of deputation:

5. Policy for Research Expenditures for funded projects

II Research Projects:

The faculty will be deputed for presenting the shortlisted research proposals only if the faculty has applied to the research grant scheme through SETI with SETI as affiliation on the proposal.

III Publications:

1. For a faculty publishing a paper in a journal having non-zero impact factor provided by Thompson Reuter's Journal Citation Index (JCI): Publication charges at actual or upto **Rs. 10,000**, whichever is less will be provided by the college per financial year
2. For a faculty publishing a paper in a journal cited by Scopus: Publication charges at actual or upto Rs. 5,000, whichever is less will be provided by the college per financial year

3. For a faculty publishing a paper at a conference within India cited by Scopus: TA/ DA as per the college norms will be provided along with On-Duty leave for the days required to attend the conference. The registration charges have to be provided by the faculty.

For conferences outside India no sponsorship will be provided by the college. The faculty can apply for the international travel grants. DL may be sanctioned by the Principal.

For all the 3 above the faculty should be the first author with SETI affiliation.

III Patent:

1. For filing a patent upto 50% charges will be considered to be sponsored by the institute.
2. Depending on patent quality and significance, 0-50% charges will be equally shared by the inventors.

The patent has to be filed with SETI as the owner of the patent.

III Research Projects:

For presenting the shortlisted proposals the faculty will be paid TA/DA at actual according to the college norms along with On-Duty leave for the days required.

6. Policy for Distribution of Overhead Charges by SETI

Based on individual expertise every faculty is encouraged to generate funds through consultancy. To network with industries and create opportunities for obtaining consultancy projects Dean (Industry Relations), Dean (R &D) are appointed. Every department has formulated Industry Advisory Board to bridge the gap between academia and industry. Also faculty contributing in revenue generating through consultancy is appreciated by the institute through awards and recognition. The policy for sharing the revenue generated after deducting all expenses from sanctioned consultancy grant is as follows.

1. 30% to the Institute.
2. 70% of the surplus amount to the coordinator/ Activity owner/ Principal

7. Purchase Procedure for funded projects and consultancy grants

Requirement should be forwarded to Dean, Research & Development through Head of Department.

This requirement should be forwarded with recommendation to Principal through Dean, Finance for approval.

The requirement of all such items should be as per the approval of the Funding Agency (Attach Funding Agency approval letter)

The procurement of all these items / services shall be carried out as per the following details:

1. All equipments:

(a) PI should call minimum 3 quotations based on the required specifications and make minimum 3 vendors.

(b) PI should call minimum 3 quotations based on required technical specifications.

In case the item is of proprietary nature only one quotation will suffice. Due justification for the item being proprietary should be attached.

(c) PI should prepare comparative statement including special technical basic price, taxes, freight charges, installation, training charges, payment and delivery terms, inspection terms, etc.

(d) This comparative statement should be forwarded to Dean, Research & Development through Head of Department.

(e) Dean, Research & Development should forward above document with recommendation to Principal through Dean, Finance.

(f) Comparative statement approved by Principal shall be forwarded to the Trust Office through Dean, Finance.

(g) PI should arrange a meeting of vendors with Institute and Trust Authorities for negotiations and finalization of other purchase terms and conditions.

(h) After approval of the vendor from Trust Authorities the PI should prepare Purchase Order in triplicate with due terms and conditions.

- (i) The Purchase Order should be forwarded to Dean, Research & Development through Head of Department.
- (j) Dean, Research & Development should forward above Purchase Order to Principal through Dean, Finance.
- (k) The copy of Purchase Order duly signed by the Principal should be issued to the vendor and Office copies of the same should be retained with PI and Department.
- (l) PI should do necessary follow up for procurement of the equipments and ensure that entire transaction is done as per terms and conditions of Purchase Order.
- (m) PI should further carry out the bill settlement process as per the Institute procedure.

2. Computer and IT related products :

- (a) PI should workout required technical specifications for Computer and IT related products.
- (b) This requirement should be forwarded to Dean, Research & Development through Head, Systems.
- (c) Dean, Research & Development should forward above requirement to Principal through Dean, Finance.
- (d) PI should forward approved Computer and IT related requirement to Head, Systems.
- (e) PI should call minimum 3 quotations based on the required specifications and make minimum 3 vendors.
- (f) PI should call minimum 3 quotations based on required technical specifications. In case the item is of proprietary nature only one quotation will suffice. Due justification for the item being proprietary should be attached.
- (g) PI should prepare comparative statement including special technical basic price, taxes, freight charges, installation, training charges, payment and delivery terms, inspection terms, etc.

- (h) This comparative statement should be forwarded to Dean, Research & Development through Head of Department.
- (i) Dean, Research & Development should forward above document with recommendation to Principal through Dean, Finance.
- (j) Comparative statement approved by Principal shall be forwarded to the Trust Office through Dean, Finance.
- (k) PI should arrange a meeting of vendors with Institute and Trust Authorities for negotiations and finalization of other purchase terms and conditions.
- (l) After approval of the vendor from Trust Authorities the PI should prepare Purchase Order in triplicate with due terms and conditions.
- (m) The Purchase Order forwarded to Dean, Research & Development through Head of Department.
- (n) Dean, Research & Development should forward above Purchase Order to Principal through Dean, Finance.
- (o) The copy of Purchase Order duly signed by the Principal should be issued to the vendor and Office copies should be retained with PI and Department.
- (p) PI should do necessary follow up for procurement of the equipments and ensure that entire transaction is done as per terms and conditions of Purchase Order.
- (q) PI should further carry out the bill settlement process as per the Institute procedure.

3. Stationery Items :

- (a) PI should work out required stationery purchase of the Institute. The co-ordinator should arrange procurement and handover to the PI.
- (b) This requirement should be forwarded to Dean, Research & Development through Head, Systems.
- (c) Dean, Research & Development should forward above requirement to Principal through

Dean, Finance.

- (d) PI should forward approved stationery requirement to Head, Systems.
- (e) PI should call minimum 3 quotations based on the required specifications and make minimum 3 vendors.
- (f) PI should call minimum 3 quotations based on required technical specifications. In case the item is of proprietary nature only one quotation will suffice. Due justification for the item being proprietary should be attached.
- (g) PI should prepare comparative statement including special technical basic price, taxes, freight charges, installation, training charges, payment and delivery terms, inspection terms, etc.
- (h) This comparative statement should be forwarded to Dean, Research & Development through Head of Department.
- (i) Dean, Research & Development should forward above document with recommendation to Principal through Dean, Finance.
- (j) Comparative statement approved by Principal shall be forwarded to the Trust Office through Dean, Finance.
- (k) PI should arrange a meeting of vendors with Institute and Trust Authorities for negotiations and finalization of other purchase terms and conditions.
- (l) After approval of the vendor from Trust Authorities the PI should prepare Purchase Order in triplicate with due terms and conditions.
- (m) The Purchase Order forwarded to Dean, Research & Development through Head of Department.
- (n) Dean, Research & Development should forward above Purchase Order to Principal through Dean, Finance.
- (o) The copy of Purchase Order duly signed by the Principal should be issued to the vendor and Office copies should be retained with PI and Department.
- (p) PI should do necessary follow up for procurement of the equipments and ensure that

entire transaction is done as per terms and conditions of Purchase Order.

(q) PI should further carry out the bill settlement process as per the Institute procedure.

4. Consumables / Hiring Services :

(A) Similar type of consumables worth more than Rs. 20,000/- per project :

(a) PI should call minimum 3 quotations based on the required specifications and make minimum 3 vendors.

(b) PI should call minimum 3 quotations based on required technical specifications. In case the item is of proprietary nature only one quotation will suffice. Due justification for the item being proprietary should be attached.

(c) PI should prepare comparative statement including special technical basic price, taxes, freight charges, installation, training charges, payment and delivery terms, inspection terms, etc.

(d) This comparative statement should be forwarded to Dean, Research & Development through Head of Department.

(e) Dean, Research & Development should forward above document with recommendation to Principal through Dean, Finance.

(f) Comparative statement approved by Principal shall be forwarded to the Trust Office through Dean, Finance.

(g) PI should arrange a meeting of vendors with Institute and Trust Authorities for negotiations and finalization of other purchase terms and conditions.

(h) After approval of the vendor from Trust Authorities the PI should prepare Purchase Order in triplicate with due terms and conditions.

(i) The Purchase Order forwarded to Dean, Research & Development through Head of Department.

(j) Dean, Research & Development should forward above Purchase Order to Principal through Dean, Finance.

- (k) The copy of Purchase Order duly signed by the Principal should be issued to the vendor and Office copies should be retained with PI and Department.
- (l) PI should do necessary follow up for procurement of the equipments and ensure that entire transaction is done as per terms and conditions of Purchase Order.
- (m) PI should further carry out the bill settlement process as per the Institute procedure.
- (B) Consumables less than Rs. 20,000/- per project :
 - (a) PI should workout required technical specifications for Computer and IT related products.
 - (b) This requirement should be forwarded to Dean, Research & Development through Head, Systems.
 - (c) Dean, Research & Development should forward above requirement to Principal through Dean, Finance.
 - (d) PI should forward approved Computer and IT related requirement to Head, Systems.
 - (e) PI should call minimum 3 quotations based on the required specifications and make minimum 3 vendors.
 - (f) PI should call minimum 3 quotations based on required technical specifications. In case the item is of proprietary nature only one quotation will suffice. Due justification for the item being proprietary should be attached.
 - (g) PI should prepare comparative statement including special technical basic price, taxes, freight charges, installation, training charges, payment and delivery terms, inspection terms, etc.
 - (h) This comparative statement should be forwarded to Dean, Research & Development through Head of Department.
 - (i) Dean, Research & Development should forward above document with recommendation to Principal through Dean, Finance.
 - (j) Comparative statement approved by Principal shall be forwarded to the Trust Office

through Dean, Finance.

- (k) PI should arrange a meeting of vendors with Institute and Trust Authorities for negotiations and finalization of other purchase terms and conditions.
- (l) After approval of the vendor from Trust Authorities the PI should prepare Purchase Order in triplicate with due terms and conditions.
- (m) The Purchase Order forwarded to Dean, Research & Development through Head of Department.
- (n) Dean, Research & Development should forward above Purchase Order to Principal through Dean, Finance.
- (o) The copy of Purchase Order duly signed by the Principal should be issued to the vendor and Office copies should be retained with PI and Department.
- (p) PI should do necessary follow up for procurement of the equipments and ensure that entire transaction is done as per terms and conditions of Purchase Order.
- (q) PI should further carry out the bill settlement process as per the Institute procedure.

7. Review and research audits

Review of final year students projects will be done on continuous basis i.e. once in semester for this review committee chairman will be Principal Sir, Secretary is Dean (R&D), Head and Assistant research will be committee members. Similarly review of all funded projects will be carried out once in semester and guidelines will be given for future course of action.

8. Responsibilities of a Research Investigator

An investigator who leads a research group has leadership and supervisory responsibilities with respect to the research performed by members of the group. A principal investigator must not only put together the research group but also arrange for the assembly of an adequate financial and administrative structure to support the research. A supervisor not only provides guidance and advice to individual members of the group in the responsible conduct of the research but also has ultimate responsibility for the scientific integrity of the whole research project. He or she should

thus take all reasonable steps to check the details of experimental procedures and the validity of the data or observations reported by members of the group, including periodic reviews of primary data in addition to summary tables, graphs, and oral reports prepared by

10. Policy of the College to check malpractices and misconduct in research

The college has a research steering committee (research forum) at Institute level and Department research committee to monitor the progress of research work. The candidates are counseled for the consequences of malpractices and misconduct in research. The final submission of B.Tech. thesis is approved and forwarded to university only after the satisfactory presentation before institute level committee (with one external subject expert) and outcome / publications based on the study carried out as per norms of Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere. Publications in peer reviewed journals are mandatory and thereby check any possible malpractice and misconduct in research. As well as all research guides has access to **high quality plagiarism detection software** for checking of plagiarism of thesis and research papers. Further, the research work is extensively guided by the faculty. Even the dissertation works of PG students, if are any, are monitored and evaluated by a departmental post graduate committee.

The purpose of this policy is to set of guidelines is to provide a positively oriented set of practical suggestions for maintaining integrity in research. Not only does the ethical conduct of science satisfy a scientific moral code; it also leads to better scientific results because the adherence to ethical research practices leads to more attention to the details of scientific research, including qualitative analysis and quantitative and statistical techniques, and to more thoughtful collaboration among investigators. Also, the credibility of science with the general public depends on the maintenance of the highest ethical standards in research.

Plagiarism:

An author should cite the work of others even if he or she had been a co-author or editor of the work to be cited or had been an adviser or student of the author of such work. The work of others should be cited or credited, whether published or unpublished and whether it had been

written work, an oral presentation, or material on a website. A charge of plagiarism in the proposal or protocol on grounds that such members are not later included as part of the research team that conducts the approved or funded research.

At SETI, we are using **“high quality plagiarism detection software”** software to ensure that documents such as thesis, dissertation, reports, publications are free of plagiarism at the time of their submission.

As per guidelines of UGC following similarity checks for exclusion from Plagiarism

- i. All quoted work either falling under public domain or reproduced all necessary permission and/or attribution.
- ii. All references, bibliography, table of content, preface and acknowledgements.
- iii. All small similarities of minor nature.
- iv. All generic terms, laws, standard symbols and standards equations.

In case Plagiarism is established in the core work claimed then Plagiarism Disciplinary Authority (PDA) of the SETI will impose maximum penalty in accordance with UGC norms. The core work shall include abstract, summary, hypothesis, observations, results, conclusions and recommendations.

Levels of Plagiarism

SETI will quantify plagiarism levels using standard software and databases and levels in ascending order of severity for the purpose of its definition:

Similarities upto 0% .- excluded

Level 1: Similarities above 10% to 40%

Level 2: Similarities above 40% to 60%

Level 3: Similarities above 60%

Academic Misconduct Panel (AMP) of the Department will submit a report to the Plagiarism

Disciplinary Authority (Research Steering Committee). Based on the observations of AMP Plagiarism Disciplinary Authority (PDA) will take appropriate decision after giving a hearing to the accused person. The penalties will be in-line with UGC norms.

(a) Penalties for Students

- i. Level 1: Similarities above 10% to 40% - Such student shall not be given any mark and/or credit for the plagiarized script and shall be asked to submit a revised script within a stipulated time period not exceeding 6 months.
- ii. Level 2: Similarities above 40% to 60% - Such student shall not be given any mark and/or credit for the plagiarized script and shall be asked to submit a revised script after a time period of one year but not exceeding eighteen months.
- iii. Level 3: Similarities above 60% - Such student shall not be given any mark and/or credit for the plagiarized script and his/her registration for that course to be cancelled.

* Penalty on repeated plagiarism- Such student shall be punished for the plagiarism of one level higher than the previous level committed by him/her. In case where plagiarism of highest level is committed then the punishment for the same shall be operative.

*Penalty in case where the degree/credit has already been obtained – If plagiarism is proved on a date later than the date of award of degree or credit as the case maybe then his/her degree or credit shall be put in abeyance for a period decided by the AMP and PDA.

(b) Penalties for faculty, staff, researcher of the Institute

- (i) Level 1: Similarities above 10% to 40% - Shall be asked to withdraw' manuscript Submitted for publication and shall not be allowed to publish any work for a minimum period of one year.
- (ii) Level 2: Similarities above 40% to 60% - shall be asked to withdraw' manuscript submitted for publication and shall not be allowed to publish any work for a minimum period of two years and shall be denied a right to one annual increment and shall not be allowed to

be a supervisor to any UG, PG, student/scholar for a period of two years.

(iii) Level 3: Similarities above 60% - shall be asked to withdraw manuscript submitted for publication and shall not be allowed to publish any work for a minimum period of three years and shall be denied a right to two successive annual increments and shall not be allowed to be a supervisor to any UG, PG, student/scholar for a period of three years.

*Enhanced penalty on repeated plagiarism - shall be punished for the plagiarism of one level higher than the lower level committed by him/her. In case where plagiarism of highest level is committed then the punishment for the same shall be operative. In case level 3 offence is repeated then the concerned person shall be dismissed.

*Penalty in case where the benefit or credit has already been obtained - If plagiarism is proved on a date later than the date of benefit or credit obtained as the case may be then his/her benefit or credit shall be put in abeyance for a period decided by the AMP and PDA on recommendation of the AMP.

* If there is any complaint of plagiarism against the Head of an Institute, a suitable action, in line with these regulations, will be taken by the Competent Authority/Governing Board/Governing Council as the title may be.

10. 2. Data

a. Integrity of Data

Fabrication and falsification of research results are serious forms of misconduct. It is a primary responsibility of a researcher to avoid either a false statement or an omission that distorts the research record. A researcher must not report anticipated research results that had not yet been observed at the time of submission of the report. In order to preserve accurate documentation of observed facts with which later reports or conclusions can be compared, every researcher has an obligation to maintain a clear and complete record of data acquired.

In many fields of laboratory research, it is standard practice to record data in ink in an indexed

permanently bound laboratory notebook with consecutively numbered pages. Research methods, including statistical treatments, should be either described in the e- record, notebook or referenced by citation to some other primary or secondary source. Information on materials used, along with their sources, should be recorded. Entries should not be erased or white out. If mistakes are to be corrected, a thin line should be drawn through the erroneous entry so as not to obscure it and an initialed dated correction written separately, along with an explanatory note, near the original entry or in the margin. Inspection and or calibration report is required.

All data should be recorded contemporaneously with the production or observation of the data. If some data are obtained as printouts from instruments or computers, these printouts should be appropriately labeled and pasted into the notebook or, if pasting is not possible, stored securely and referenced in the notebook as to storage location. If unique critical materials, such as cell lines, archeological artifacts, or synthetic chemical intermediates, are prepared or discovered, they should be preserved and appropriately labeled, and explicit instructions should be written in the notebook as to where they are stored. Extensive data sets may be stored either as hard copy or on disks. In such cases, carefully documented definitions for codes should be included, together with rules for applying them to the experimental, clinical, or field data and notes.

Research in social sciences and in some clinical biomedical fields poses specific problems with respect to the availability of primary data for use by other researchers or by reviewers of allegations of possible scientific misconduct. The protection of human subjects requires that data be used, stored, and disclosed in a way that ensures the privacy of individual research subjects. Furthermore, while for purposes of analysis these data are frequently coded and entered into computer files with only code numbers identifying the individual subjects, there is often an interest of the researcher in reviewing the coding procedures in order to identify either random or systematic mis-entry of data into files. To satisfy these guidelines fully, the primary data - clinical or laboratory records, questionnaires, tapes of interviews, and field notes - should be available for review. (In some research areas, anthropology for example, field notes are viewed as the product of the researcher rather than as data, and are thus customarily not made available to others.) Where possible, questionnaires should be stored without identifiers, using only code

numbers to link them to computerized files. Records, including transcripts of taped interviews, can be redacted to remove names and other key identifiers. The rules and procedures for carrying out such redactions should be available to anyone who reviews the data

b. Use and Misuse of Data

Researchers should acquaint themselves with the relevant quantitative methods available for processing data, including graphical and tabular methods of presentation, error analysis, and tests for reliability. Research integrity requires not only that reported conclusions are based on accurately recorded data or observations but that all relevant observations are reported. It is considered a breach of research integrity to fail to report data that contradict or merely fail to support the reported conclusions, including the purposeful withholding of information about confounding factors. If some data should be disregarded for a stated reason, confirmed by an approved statistical test for neglecting outliers, the reason should be stated in the published accounts. A large background of negative results must be reported. Any intentional or reckless disregard for the truth in reporting observations may be considered to be an act of research misconduct. Special care must be taken in the use of photo-images not to misrepresent the underlying data. When using imaging-processing software, like Adobe Photoshop, for example, in preparing a blot for viewing it is improper to add or delete a band, to differentially adjust the intensity of one or more bands, to label an image from one experiment as representing a different experiment, to splice lanes without using a line indicating the deletion, or to juxtapose pieces from different gels onto a single image.

Modifying an approved protocol in the midst of a clinical or epidemiological study or changing the character of an approved study (e.g., from an exploratory to a confirmatory study) without prior approval is improper and could be viewed as research misconduct. Expenditure of government grant funds for fabricated or falsified research is not only a violation of research ethics but also a federal crime, and those responsible may be subject to prosecution for fraud with the possibility of a demand for restitution of funds to the government, a fine, and/or imprisonment.

c. Ownership of and Access to Data

Research data obtained in studies performed at SETI, Panhala and/or by employees of the SETI are not the property of the researcher who generated or observed them or even of the principal investigator of the research group. They belong to the SETI, which can be held accountable for the integrity of the data even if the researchers have left the Institute. Another reason for the Institute's claim to ownership of research data is that the Institute, not the individual researcher, is the grantee of sponsored research awards. Reasonable access to data, however, should normally not be denied to any member of the research group in which the data were collected. If there is any possibility that a copyright or patent application might emerge from the group project, a written agreement within the group should specify the rights, if any, of each member of the group to the intellectual property. A researcher who has made a finding which may be patentable should file an Invention Disclosure with the IPR Cell of SETI.

d. Storage and Retention of Data

Data should be stored securely for at least seven years after completion of the project, submission of the final report to a sponsoring agency, or publication of the research, whichever comes last. Some agencies that sponsor research may specify a longer period for which data must be retained. Some types of data are expected to be deposited in a Institute library.

10.3. Authorship and Other Publication Issues

Publication of research results is important as a means of communicating to the scholarly world so that readers may be informed of research results and other researchers may build on the reported findings. In fact, it is an ethical obligation for an investigator at the Institute to make research findings accessible, in a manner consistent with the relevant standards of publication. The reported data and methods should be sufficiently detailed so that other researchers could attempt to replicate the results. Publication should be timely but should not be hastened unduly if premature publication involves a risk of not subjecting all results to adequate internal confirmation or of not considering adequately all possible interpretations. A commercial sponsor of a research project may not have a veto over a decision to publish, but a delay of publication for an agreed period, not to exceed six months, may be allowed in order to permit filing of a patent application.

a. Criteria for Authorship

Publication must give appropriate credit to all authors for their roles in the research. If more than one person contributes significantly, the decision of which names are to be listed as co-authors should reflect the relative contributions of various participants in the research. Many professional associations and research journals have specified criteria for authorship. One common standard appearing in many of these statements is that each author should have participated in formulating the research problem, interpreting the results, and writing the research paper, and should be prepared to defend the publication against criticisms.

b. Order of Authors

Customs regarding the order in which co-authors' names appear vary with the discipline. Whatever the discipline, it is important that all co-authors understand the basis for assigning an order of names and agree in advance to the assignments. A corresponding, or senior author (usually the first or last of the listed names in a multi-authored manuscript) should be designated for every paper, who will be responsible for communicating with the publisher or editor, for informing all co-authors of the status of review and publication, and for ensuring that all listed authors have approved the submitted version of the manuscript. This person has a greater responsibility than other co-authors to vouch for the integrity of the research report and should make every effort to understand and defend every element of the reported research.

c. Self-citations

In citing one's own unpublished work, an author must be careful not to imply an unwarranted status of a manuscript. A paper should not be listed as submitted, in anticipation of expected submission. A paper should not be listed as accepted for publication or in press unless the author has received galley proof or page proof or has received a letter from an editor or publisher stating that publication has been approved, subject perhaps only to copy-editing.

d. Duplicate Publication

Researchers should not publish the same article in two different places without very good reason to do so, unless appropriate citation is made in the later publication to the earlier one, and unless the editor is explicitly informed. The same rule applies to abstracts. If there is unexplained duplication of publication without citation, sometimes referred to as self-plagiarism, a reader may be deceived as to the amount of original research data. It is improper in most fields to allow the same manuscript to be under review by more than one journal at the same time.

e. Reporting Suspected Misconduct

Reporting suspected research misconduct is a shared and serious responsibility of all members of the academic community. Any person who suspects research misconduct has an obligation to report the allegation to the Dean (R&D). Allegations are handled under procedures described in the Institute's Research Policy. All reports are treated confidentially to the extent possible, and no adverse action will be taken, either directly or indirectly, against a person who makes such an allegation in good faith.

f. Special Obligations in Human Subject Research

Research protocols involving human subjects must be approved in advance by the Institute and University Ethics committee, which determines whether risks posed to subjects are acceptable and whether information describing risks and benefits of subject participation is conveyed to subjects in an accurate and intelligible manner.

11. Extension activities for neighboring community

Faculty is continuously encouraged for submission of research projects on problems of regional and global importance which will satisfy the needs of neighboring community. Faculty is not only provided with special leave facilities but also encouraged to attend the national and international seminars, workshops and conferences. Academic achievements of the staff are encouraged by providing publicity and recognition. The Institute has established an Institute Industry Linkage Centre for contextual research, training, campus interview and consultancy.

The guidelines are prepared for sharing the revenue earned through consultancy on 30:70 basis. The sharing policy as 30% to the Institute and 70% of the surplus amount to the coordinator / Actively owner only for consultancy work. The college share will be used for infrastructure development of the concerned faculty laboratories.

12. Institution has created an eco system for innovations including Incubationcentre and other initiatives for creation and transfer of knowledge

The seed of the innovation ecosystem at SETI Panhala was sown in 2022 with formation of **Entrepreneurship Development Centre (EDC)** with the active support college management. The aim of the EDC is to build a successful and profitable business, the incubatees will be working with various partners (such as investors, industries and research labs) and service providers (such as industry, corporation, hospitals, consultants, IT, HR etc.). In this regard, centre has conducted several workshops for students to make them aware about funding opportunities, start-up ecosystem, and incubation and services.

EDC invites new ideas and proposal from students for incubation. After screening of proposals they are processed for further evaluation. Finally, identified and evaluated based on their potential, feasibility, value proposition and market assessment. In essence, these activities will trigger Innovation & Entrepreneurship ecosystem in the region.

With this philosophy various startups initiated by the EDC in last 2 years are as follows:

Roadmap of R&D Cell

R&D cell takes multiple initiatives on various level for holistic development Initiatives as depicted in the table below.

Activity	Till 2023	2024 to 2025 Year	2024 to 2028 Year
Policy making	Drafting and finalizing policy documents of R&D, Consultancy, EDC, IIPC Cells.	IPR- copy right , patent registration, Company registration	Student and faculty exchange with foreign/national universities and research units
Establish Center Of Excellence (CoE), Facilities enhancement	Establishing Domain wise CoE and facility enhancement	Domain wise laboratory setup and strengthening of COE	SETI, Panhala became center for consultancy and industry project completion center
R & D projects	identification of potential projects for product development; Prototype Designing	Developing Product from prototype	Launching the products into market
Industry linkage	Establishing Micro / Small scale industry linkage for Product /Service development and faculty deputation in industry	Small scale industry linkage for the Product /Service development and faculty deputation in industry	Medium scale industry linkages & Faculty deputation for project development; Partnership contribution for R & D cell of industry
Faculty development for R & D activity Faculty & student publication	Monitor faculty publication yearly and guide them for quality publications	Few quality publication from faculty Domain wise clubs with industry experts	Quality publications with faculty outside Maharashtra for various Joint projects
Networking with foreign university	Identification of foreign university and research cell for collaboration	Establishment of networking with university	Faculty exchange or project exhibition in collaboration
Establishment of EDC, Innovation cell, Incubation center	establishment of primary Innovation cell and Incubation centre for local students	Incubation facilities for outside students and persons	Establishing Hub for incubation activities
Consultancy	Follow DBATU Lonere guidelines for few initial consultancy work	Review the guideline and if required modify the same to enhance more consultancy work	Consultancy to various government and industry bodies at least in 6 domains.

Guidelines for Implementation of Research Policy :

1. At least one Science Indexed Journal Paper is expected from Doctorate faculty every year.
2. All Doctorates should achieve minimum 1 patents during three years.
3. All Faculty of Engineering Departments should publish papers in Scopus Indexed Conferences/Journal to get incentive.



Holy-wood Academy, Kolhapur's

SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201

Phone : 0231 - 2686600 Fax : 0231 - 2686642

Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere

COMPUTER SCIENCE & ENGINEERING

EN 6315

Date: 18/04/2023

To,
The Principal,
SETI, Panhala.

Subject – Regarding permission for industrial visit.

Respected sir,

Computer Science and Engineering Department is arranging an industrial visit for Third year students as per the academic curriculum. From 26/04/2023 to 28/04/2023 at Deshpande Startups, Gokul road, Hubli & Dandeli. The students will gain vital knowledge from the visit and also use this knowledge in their curriculum. We request you to grant us the permission for the same.

Thanking you.

Patil

Prof.P.D.Patil

(I.V Incharge)

Permitted
Saur
20/4/23



Your's faithfully,

R.S. Nejkar

Prof. R. S. Nejkar.

HOD

Department of Computer Science
& Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201



**Computer Science & Engineering Department
Industrial Visit 2023(Class-TY)**

List of Students and Faculty

Sr. No.	Roll No	Name	Email Address
1	11	JOSHI KAIVALYA VIJAY	kaivalyajoshi73@gmail.com
2	12	KHARGE HARSHAL SUDHIR	Khargeharshal1581@gmail.com
3	13	SHELAR SUSHANT NARAYAN	sushantshelar5363@gmail.com
4	14	SULEKAR SUDHANSHU RAJESH	sudhanshusulekar5599@gmail.com
5	16	RANE MANALI MAHADEV	manalirane555@gmail.com
6	17	KASAR SAKSHI SANDEEP	sakshikasar79@gmail.com
7	18	MORE PALLAVI SARJERAO	pallavismore08@gmail.com
8	20	PAZONE SANKET SANDIP	sanketpazone07@gmail.com
9	21	PATIL ANIRUDDHA ASHOK	anirudhapatil2002@gmail.com
10	22	BALIP VAIBHAV NAMDEV	vaibhavbalip1806@gmail.com
11	23	LOHAR SAURABH SANJAY	loharsourabh2002@gmail.com
12	24	DALAVI AJAY MAHADEV	ajaydalavi813@gmail.com
13	26	TELVEKAR HARISH NAMDEV	harish999ht@gmail.com
14	28	SARDESAI HEMANT PRAKASH	hemantsardesai2762001@gmail.com
15	29	SUTAR SOURABH MOHAN	sourabhsutar3201@gmail.com
16	33	DANTAL AMIT ANIL	amitdantal2002@gmail.com
17	34	CHOUGULE SWAROOP VISHNU	swaroopchougule55@gmail.com
18	35	SAYALI MADHUKAR PATIL	psayali590@gmail.com
19	36	KAMBLE RUCHA KUMAR	ruchakambale1109@gmail.com
20	37	PATIL PRACHI SHIVAJI	patilprachi0612@gmail.com

Sr. No.	Roll No	Name	Email Address
21	39	HIRAVE MRUNALI MAHADEV	mrunalihirave@gmail.com
22	40	JASUD SHRAVANI VIKRAM	shravanijashud710@gmail.com
23	41	BHOSALE PRATIBHA ANANDRAO	pratibhabhosale632@gmail.com
24	43	CHOUGULE SAMMED SUNIL	Chougulesammed41@gmail.com.
25	44	JADHAV SHREYAS SANJAY	shreyasjadhav261002@gmail.com
26	45	LOHAR RUTUJA KRISHNA	rutujalohar88@gmail.com
27	48	SAMRUDDHI SUDHIR SASAVADE	sasavadesamruddhi@gmail.com
28	49	TRUPTI TANAJI SUTAR	sutartrupti2503@gmail.com
29	50	KARAN KUNDALIK BARALE	karanbarale7047@gmail.com
30	51	PATIL VIPUL VIJAY	patilvipul244@gmail.com
31	52	SUTAR SUSHANT RAJENDRA	srsak21@gmail.com
32	53	KHOT SAURABH RAVINDRA	saurabh123khot@gmail.com
33	59	BATE DNYANESHWARI EKANATH	batednyaneshwari@gmail.com
34	63	CHOUGALE ABHILASHA SACHIN	abhilashachougale3000@gmail.com
35	71	BHARMAL PREMSAGAR PRABHAKAR	lovescabharmal2001@gmail.com
36	72	GAWADE KRISHNPRASAD	gawadekrishna301@gmail.com

FACULTY DETAILS

Sr. No.	Faculty Name	Email ID	Designation
1	Mr. R.S.Nejkar	hodcse@seti.edu.in	HOD-CSE, Assistant Professor
2	Mr.S.A.Babar	samrat.babar@seti.edu.in	Assistant Professor
3	Smt.P.D.PATIL	pallavi.patil@seti.edu.in	Assistant Professor

Patil

IV In-charge

Patil
HOD



Computer Science & Engineering Department

Industrial Visit 2023 (Class - TY)

List of Students and Faculties

Sr. No	Roll No	Name	Email Address	Phone
1	11	JOSHI KAIVALYA VIJAY	kaivalyajoshi73@gmail.com	9595982225
2	12	KHARGE HARSHAL SUDHIR	Khargeharshal1581@gmail.com	9130590404
3	13	SHELAR SUSHANT NARAYAN	sushantshelar5363@gmail.com	9405984762
4	14	SULEKAR SUDHANSHU RAJESH	sudhanshusulekar5599@gmail.com	8329267783
5	16	RANE MANALI MAHADEV	manalirane555@gmail.com	9673225361
6	17	KASAR SAKSHI SANDEEP	sakshikasar79@gmail.com	9175614629
7	18	MORE PALLAVI SARJERAO	pallavismore08@gmail.com	9175375615
8	20	PAZONE SANKET SANDIP	sanketpazone07@gmail.com	9011114024
9	21	PATIL ANIRUDDHA ASHOK	anirudhapatil2002@gmail.com	8879355541
10	22	BALIP VAIBHAV NAMDEV	vaibhavbalip1806@gmail.com	9309524180
11	23	LOHAR SAURABH SANJAY	loharsaurabh2002@gmail.com	9011483652
12	24	DALAVI AJAY MAHADEV	ajaydalavi813@gmail.com	9168101506
13	26	TELVEKAR HARISH NAMDEV	harish999ht@gmail.com [1]	9145659692
14	28	SARDESAI HEMANT PRAKASH	hemantsardesai2762001@gmail.com	7499197343
15	29	SUTAR SOURABH MOHAN	sourabhsutar3201@gmail.com	9373238891
16	33	DANTAL AMIT ANIL	amitdantal2002@gmail.com	9028721755
17	34	CHOUGULE SWAROOP VISHNU	swaroopchougule55@gmail.com	8698595335
18	35	SAYALI MADHUKAR PATIL	psayali590@gmail.com	9356900541
19	36	KAMBLE RUCHA KUMAR	ruchakambale1109@gmail.com	7030058917
20	37	PATIL PRACHI SHIVAJI	patilprachi0612@gmail.com	8767634151
21	39	HIRAVE MRUNALI MAHADEV	mrunalhirave@gmail.com	9307870709
22	40	JASUD SHRAVANI VIKRAM	shravanijashud710@gmail.com	7499942010
23	41	BHOSALE PRATIBHA ANANDRAO	pratibhabhosale632@gmail.com	7038046747
24	43	CHOUGULE SAMMED SUNIL	Chougulesammed41@gmail.com.	9665041561
25	44	JADHAV SHREYAS SANJAY	shreyasjadhav261002@gmail.com	8446302995
26	45	LOHAR RUTUJA KRISHNA	rutujalohar88@gmail.com	9371668768
27	48	SAMRUDDHI SUDHIR SASAVADE	sasavadesamruddhi@gmail.com	7821964979
28	49	TRUPTI TANAJI SUTAR	sulartrupti2503@gmail.com	9373860228
29	50	KARAN KUNDALIK BARALE	karanbarale7047@gmail.com	9503087047
30	51	PATIL VIPUL VIJAY	patilvipul244@gmail.com	9172936260
31	52	SUTAR SUSHANT RAJENDRA	rsak21@gmail.com	9325513199
32	53	KHOT SAURABH RAVINDRA	saurabh123khot@gmail.com	8600878789
33	59	BATE DNYANESHWARI EKANATH	batednyaneshwan@gmail.com	9518396242
34	63	CHOUGALE ABHILASHA SACHIN	abhilashachougale3000@gmail.com	7447483000
35	71	BHARMAL PREMSAGAR PRABHAKAR	loveseabharmal2001@gmail.com	8530772246
36	72	GAWADE KRISHNPRASAD	gawadekrishna301@gmail.com	9356758355

FACULTY DETAILS

Sr. No.	Faculty Name	E_mail ID	Designation
1	Mr. R.S.Nejkar	hodcse@seti.edu.in	HOD-CSE, Assistant Professor
2	Mr.S.A.Babar	samratbabar@seti.edu.in	Assistant Professor
3	Smt.P.D.Patil	pallavi.patil@seti.edu.in	Assistant Professor

Patil
IV Incharge

Haw
20/4/23

Patil
HOD



Holy-wood Academy, Kolhapur's

SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201

Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

▪ Approved By AICTE - New Delhi ▪ Recognized by Govt. of Maharashtra & DTE ▪ Affiliated to DB.ATU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

One Page Report

on

“Industrial Visit-2022-23”

Organised by CSE department

Organised by: CSE Department, SETI, Panhala

Industrial visit Coordinator: Prof. Pallavi D. Patil

Date of Visit: Wednesday, 26/04/2023

Venue: Deshpande Startups Incubation Center , Foundation for Sandboxstartup Initiatives, Hubballi, Karnataka 580030 ,India

The department of Computer Science & Engineering has organized Industrial Visit on 26/04/2023 for the T.Y.B.Tech A.Y. 2022-23. The objective of this Industrial Visit is to flourish the Environment & Current Working scenario of Startups, Incubation centers & to eyewitness the practical implementation/solution to the real time problems.

The Visit was organised under the guidance of Dr. Sanjeev Jain , Principal ,Dr. S.G. Sapate Vice-Principal & Prof. R.S. Nejkar , Head of Department, Computer Science & Engineering, Sanjeevan Engineering & Technology Institute , Panhala. Prof. R.S. Nejkar , Prof. S. A. Babar, Prof. P.D. Patil, were the coordinators of this Industrial Visit.

Total 36 Students along with 3 Faculty Members got the opportunity to visit the Deshpande Startups Incubation Center in Hubballi. In the presence of Prof. R.S. Nejkar Sir H.O.D.-CSE we have started the journey. All the students were very excited and left the campus on 26/04/2023 at 5:00 am by bus. The journey was very comfortable , safe and enjoyable.



Deshpande Startups

Foundation for Sandboxstartup Initiatives,

Gokul Rd, next to International Airport, opposite Gokul Village,

Hubballi, Karnataka 580030

This visit was mainly focussed on to understand the real time scenario of Startups / Entrepreneurship Programs. We have visited the Deshpande Startups Incubation Center , Foundation for Sandboxstartup Initiatives, on 26/04/2023. Mr.Syed Noor Basha, Executive, YUVA Entrepreneurship Program has welcomed us .They give us the tour of their YUVA Entrepreneurship Program, Incubation Center & The EDGE Program within the campus.

The “YUVA Entrepreneurship Program” of Deshpande Startups. A platform for the YUVA Community wherein one can envision to build their entrepreneurial journey by pitching and validating students' ideas to convert into reality and get a chance to network with young aspirants & startups.

The **incubation program** offers curated support for our founders supporting the needs of market exposure, knowledge, networks and access to opportunities at the right time. Founders who go through the program will be able to build their skills and abilities and accelerate the startup's growth to the market.

EDGE is a 12-week Pre Incubation Program to Support Founders at their early startup stages and create sustainable ventures by prioritizing Problem Validation, Market Research, Customer Discovery and thereby understanding nuances of entrepreneurship.

The different Mentors has shared the knowlege of various software / hardware platforms and the the challenges of first-generation entrepreneurs with the opportunity to test, validate and continuously improve on their business ideas .They interacted with the students very friendly and motivated towards the Entrepreneurship . The students asked the quiries/questions regarding the incubation set ups & they have fullfiled all the quaries that student has raised. At the end we thanked Mr. Sayd Basha for giving the opportunity to visit .We had two & half hours interaction with them & students were happy with the interaction.

On the behalf of Sanjeevan Engineering & Technology Institute, Panhala we have given thanks to all for inviting & providing such a oppotunities for the students to witness the Startups & incubation center. We have given a lot of thanks for their most valuable time .

At the end we thanks Mr.P.R.Bhosale Sir, Secretaty , Mr. N.R.Bhosale Sir, Joint- Secretary , Dr.Sanjeev Jain Sir ,Principal , Dr. S.G. Sapate Sir , Vice-Principal & Prof. R.S. Nejkar, H.O.D.(CSE) for given the permission to Industrial Visit.

Visit Co-ordinator

Prof.R.S.Nejkar

Prof.S.A.Babar

Prof. P.D.Patil



H.O.D.(CSE)

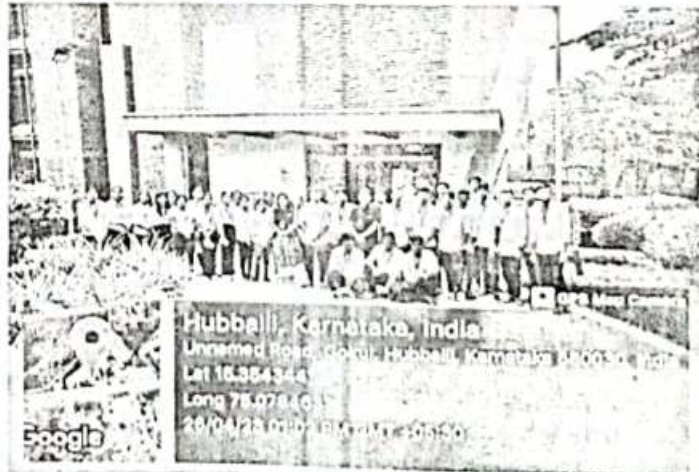
Prof.R.S.Nejkar

HOD

Department of Computer Science
& Engineering
Sanjeevan Engg. & Tech. Institute



Photos:



Visit Co-ordinator
Prof.R.S.Nejkar & Prof. P.D.Patil

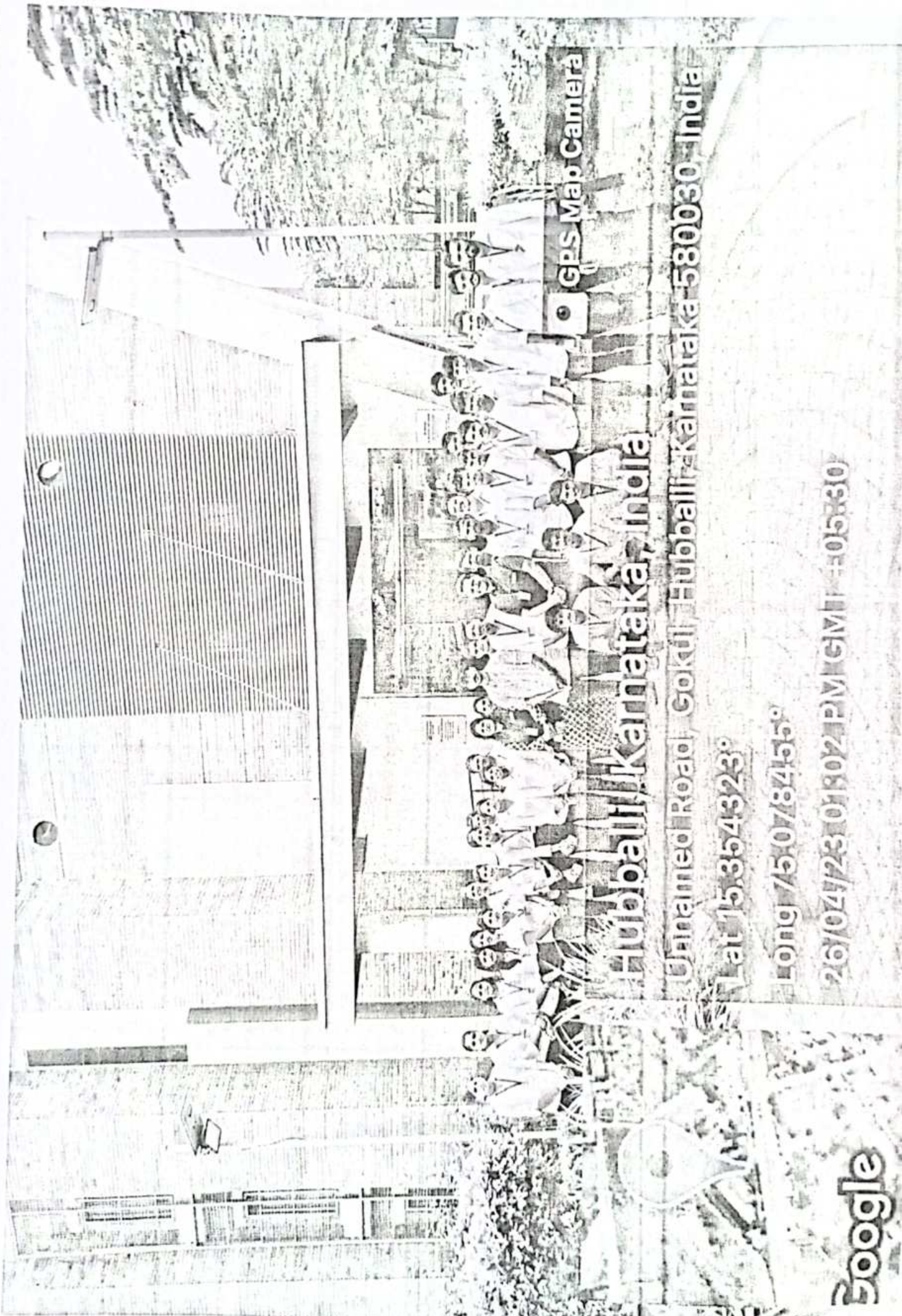
Patil *Nejkar*



Nejkar
H.O.D.(CSE)

Prof.R.S.Nejkar
HOD

Department of Computer Science
& Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201



GPS Map Camera

Hubballi, Karnataka, India

Unamed Road, Gokul, Hubballi, Karnataka-580030, India

Lat: 15.364323°

Long: 75.078465°

26/04/23 01:30:21 PM GMT+05:30

Google



GPS Map Camera

Hubballi, Karnataka, India

1st Floor, Deshpande Startups, next to International Airport,

Gokul, Hubballi, Karnataka 580030, India

Lat 15.354282°

Long 75.077757°

26/04/23 12:40 PM GMT +05:30



Google



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201
Phone : 0231 - 2686600 Fax : 0231 - 2686642

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere

COMPUTER SCIENCE & ENGINEERING

EN 6315

Date: 14/11/2022

To,
The Principal,
SETI, Panhala.

Subject – Regarding permission for industrial visit.

Respected sir,

Computer Science and Engineering department is arranging an industrial visit for our students as per the academic curriculum. The visit has been arranged from 25/11/2022 to 30/11/2022 at Bangalore. The students will gain vital knowledge from the visit and also use this knowledge in their curriculum. We requested you to grant us the permission for the same .

Thanking you.

Your's faithfully,

Prof. R. S. Nejkar.

(HOD)

HOD

Department of Computer Science
& Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

VSP }
SAD- }
PDP- }
SSK }
ABP- }
Staff
on
Tour

Permitted,

22/11/22



INDUSTRIAL VISIT 2022-23

List of Students for Industrial Visit 2022-23: Girls

Sr.No.	Name	Mobile No
1	Snehal Sanjay Mankar	9730990136
2	Shubhangi Suresh Shetake	7774907127
3	Kalyani Sanjay Hulle	9764567421
4	Shivani Shashikant Shinde	7507212551
5	Amruta Rajendra Bhoi	9403313561
6	Rutuja Ravso Chougule	9067132521
7	Priyanka Ramchandra Koravi	7350643666
8	Aishwarya Shankar Patil	7498524748
9	Muskan Javed Momin	9325816128
10	Shweta Shahaji Kamble	8805931712
11	Vaibhavi Ambaji Dhangar	7719832512
12	Anuja Anandrao Patil	8830309875
13	Nikita Tanaji kumbhar	7744040662
14	Sonal Bhimrao Valake	8080114869
15	Pranita Prakash Patil	7338066403
16	Kashmira Miraso Naykawadi	9960167383
17	Nisha Bhagwan Shinde	8551953771
18	Nisha Nandkumar Mali	7666771693
19	Tanaya Vishwas Patil	7517231312
20	Abhilasha sachin chougale	7447483000
21	Samrudhi Amol parmaj	9022713767
22	Sneha Dipak Pallakhe	7972154812
23	Akanksha vinod Sutar	8767869956
24	Gayatri Krishnat Patil	7666832632
25	Mrunali Mahadev Hirave	9307870709
26	Samruddhi Sudhir Sasavade	7821964979
27	Dnyaneshwari Eknath Bate	9518396242
28	Vaishnavi Suresh Desai	9307866719


 HOD
 Department of Computer Science
 & Engineering
 Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala - 415 201



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201
Phone : 0231 - 2686600 Fax : 0231 - 2686642

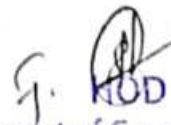
Approved By AICTE - New Delhi Recognized by Govt. of Maharashtra & DTE Affiliated to DBATU, Lonere

COMPUTER SCIENCE & ENGINEERING

EN 6315

INDUSTRIAL VISIT 2022-23
List of Students for Industrial Visit 2022-23 Boys

Sr.No	Name	Mobile No
1	Sourabh Shashikant Devadkar	9307873388
2	Omkar Balaso Marwadi	9075914867
3	Hrithivik Maruti Patil	9309864512
4	Pratik Vidyadhar Shinde	8007799721
5	Shivam Santosh Rajmane	9689714615
6	Omkar Suryakant Sawant	9404923717
7	Ravindra Amar Shete	9511708363
8	Aadesh Vijaykumar Patil	9420749813
9	Asim Rijwan Mujawar	7887871786
10	Omkar Sanjay Thorbole	7666320949
11	Pradhumn Harikishor Mali	9822544334
12	Suraj Chhotelal Gurjar	9146354747
13	Sidhant Sagarkumar Jadhav	9359938773
14	Shubham Ananda Pawar	9158713155
15	Pratik Santosh Patil	7219170669
16	Rushikesh Shridhar Dudhane	8446702331
17	Ganesh Sanjay Magdum	8865064283
18	Ashutosh Sanjay Dalavi	8805449996
19	Vaibhav Sadashiv Davang	8055342562
20	Kuldeep Dhondiram Patil	8275561659
21	Akshay Kakaso Bhore	8855801912
22	Vivek Pandit Bhaskar	8007756670
23	Sammed Sunil chougule	9665041561


HOD

Department of Computer Science
& Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

INDUSTRIAL VISIT 2022-23
List of Students for Industrial Visit 2022-23: Girls

Sr.No.	Name
1	
2	Snehal Sanjay Mankar
3	Shubhangi Suresh Shetake
4	Kalyani Sanjay Hulle
5	Shivani Shashikant Shinde
6	Amruta Rajendra Bhoi
7	Rutuja Ravso Chougule
8	Priyanka Ramchandra Koravi
9	Aishwarya Shankar Patil
10	Muskan Javed Momin
11	Shweta Shahaji Kamble
12	Vaibhavi Ambaji Dhangar
13	Anuja Anandrao Patil
14	Nikita Tanaji kumbhar
15	Sonal Bhimrao Valake
16	Pranita Prakash Patil
17	Kashmira Miraso Naykawadi
18	Nisha Bhagwan Shinde
19	Nisha Nandkumar Mali
20	Tanaya Vishwas Patil
21	Abhilasha sachin chougale
22	Samrudhi Amol parmaj
23	Sneha Dipak Pallakhe
24	Akanksha vinod Sutar
25	Gayatri Krishnat Patil
26	Mrunali Mahadev Hirave
27	Samruddhi Sudhir Sasavade
28	Dnyaneshwari Eknath Bate
29	Vaishnavi Suresh Desai

Staff. Ms. P.D. Patil - 9960215521.

Ms. S.K. Kumbhar - 8830905693



S.A. Babar.




HOD

Department of Computer Science
 & Engineering
 Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala - 416 201

INDUSTRIAL VISIT 2022-23
List of Students for Industrial Visit 2022-23 Boys

Sr.No	Name
1	Sourabh Shashikant Devadkar
2	Omkar Balaso Marwadi
3	Hrithivik Maruti Patil
4	Pratik Vidyadhar Shinde
5	Shivam Santosh Rajmane
6	Omkar Suryakant Sawant
7	Ravindra Amar Shete
8	Aadesh Vijaykumar Patil
9	Asim Rijwan Mujawar
10	Omkar Sanjay Thorbole
11	Pradhumn Harikishor Mali
12	Suraj Chhotelal Gurjar
13	Sidhant Sagarkumar Jadhav
14	Shubham Ananda Pawar
15	Pratik Santosh Patil
16	Rushikesh Shridhar Dudhane
17	Ganesh Sanjay Magdum
18	Ashutosh Sanjay Dalavi
19	Vaibhav Sadashiv Davang
20	Kuldeep Dhondiram Patil
21	Akshay Kakaso Bhore
22	Vivek Pandit Bhaskar
23	Sammed Sunil chougule

Staff: Mr. S.A. Babar - 9226772224
 Mr. V.S. Pawar - 9595052624
 Mr. A.B. Patil - 9168249865


 HOD

Department of Computer Science
 & Engineering
 Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala - 416 201


 S.A. Babar



REPORT
Industrial-visit

A Report

On

“Industrial Visit-2022-23”

Organised by CSE department

Organised by: CSE Department, SETI, Panhala

Industrial visit Coordinator: Prof.S.A.Babar

Date of Event: Tuesday, 29/11/2022

Venue: Neil-Rao IT Sector-Company, Adress : No.117 & 118 , Road No.3, Vijaynagar, EPIP, Phase I, WhiteField , Benglore , Karnataka 560066, India

The department of Computer Science & Engineering has organized Industrial Visit on 29/11/2022 for the academic year 2022-23. The objective of this Industrial Visit is to flourish the Environment & Current Working scenario of IT sector & to eyewitness the practical implementation to the real time problems.

The Visit was organised under the guidance of Dr.Sanjeev Jain, Principal, Dr.S.G.Sapate Vice-Principal & Prof.R.S.Nejkar, Head of Department, Computer Science & Engineering, Sanjeevan Engineering & Technology Institute, Panhala. Prof. S.A.Babar, Prof. P.D.Patil, Prof. S.K Kumbhar , Prof. A.B.Patil & Prof. V.S. Pawar were the coordinators of Industrial Visit.

Total 52 Students along with 5 Faculty Members got the opportunity to visit the IT Company in Bengluru.In the presence of our Joint-Secretary Mr.N.R. Bhosale Sir and Prof.R.S.Nejkar Sir H.O.D.-CSE we have taken as blessing for the journey. All the students were very excited and left the campus on 25/11/2022 at 9:00 am by bus. The journey was very comfortable and enjoyable.

Neil Rao Tech Space

Address : No.117 & 118 , Road No.3,

Vijaynagar, EPIP, Phase I,

WhiteField , Benglore ,

Karnataka 560066, India

This visit was mainly focussed on to understand the real time scenario of IT / Software sector. We have visited the Neil Rao Tech Space Company on 29/11/2022. Mr.Dhanajay Rao, CEO of Neil Rao Tech Space has welcomed us & they have managed the delicious food for us.

Ms. Manisha Gadankush Senior HR Manager, & Mr. Sidharth Gaikwad Senior Software Analyst, has welcomed our students.


Ms. Manisha madam has addressed the students with portfolio of company and the working status, technology of the company. She shared her experience with the students and guided them.

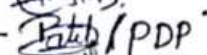
Mr.Sidharth Gaikwad has shared the knowledge of different software platforms and the demands of IT sectors. Also he discussed the opportunities for young, aspiring graduates to the IT sector. He has interacted with the students very friendly and he motivated the students. He asked the students about their queries regarding the IT field & he has fulfilled all the quires that student has risen. At the end Mr. Rao has addressed the students regarding how to prepare to enter into IT sector. We had two & half hours of interaction with them & students were happy with the interaction.


On the behalf of Sanjeevan Engineering & Technology Institute, Panhala we have given thanks to all for inviting & providing such a opportunities for the students to witness the IT field. We have given a lot of thanks for their most valuable time.

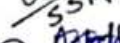
At the end we thanks Mr.P.R.Bhosale Sir, Secretary , Mr. N.R.Bhosale Sir, Joint- Secretary , Dr.Sanjeev Jain Sir ,Principal , Dr. S.G. Sapate Sir , Vice-Principal & Prof. R.S. Nejkar, H.O.D.(CSE) for given the permission to Industrial Visit. Special thanks to Dr. S.G. Sapate sir for providing the contact details of IT Companies.


Visit Co-ordinator

Prof.S.A.Babar - 

Prof. P.D.Patil -  PDP

Prof.S.K.Kumbhar -  SSK

Prof. A. B. Patil - 

Prof. V. S. Power - 




H.O.D.(CSE)

Prof.R.S.Nejkar

HOD

Department of Computer Science
& Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201







Bengaluru, Karnataka, India
119, Vijayanagar, KIADB Export Promotion
Industrial Area, Whitefield, Bengaluru,
Karnataka 560066, India
Lat 12.977956°
Long 77.725525°
29/11/22 04:07 PM GMT +05:30



Bengaluru, Karnataka, India
119, Vijayanagar, KIADB Export Promotion
Industrial Area, Whitefield, Bengaluru,
Karnataka 560066, India
Lat 12.977954°
Long 77.725525°
29/11/22 03:56 PM GMT +05:30



Bengaluru, Karnataka, India
119, Vijayanagar, KIADB Export Promotion
Industrial Area, Whitefield, Bengaluru,
Karnataka 560066, India
Lat 12.97799°
Long 77.725621°
29/11/22 04:32 PM GMT +05:30



Bengaluru, Karnataka, India
119, Vijayanagar, KIADB Export Promotion
Industrial Area, Whitefield, Bengaluru, Karnataka 560066, India
Lat 12.977915°
Long 77.725653°
29/11/22 04:45 PM GMT +05:30

PROGRESSIVE EVALUATION OF PROJECT WORK

PROJECT PROGRESS GROUP NO. 03 (Digital Smart Pen)

SPONSORED BY :

Sr.No.	Name of Student	Roll No.	Examination No.
12	Kumbhar Abhijeet B.	12	
15	Dare Abhishek B	15	
29	Desai Mayuresh M	29	
38	Aswale Akshay U.	38	
44	Shigalkar Aditya S.	44	

Meeting Date	Roll Numbers of Students		Discussions / Progress	Sign. of Guide
	Present	Absent		
23/9/21	All	-	Regarding Idea Discus ⁿ	
12/10/21	All	-	Related to Literature survey.	
17/11/2021	All	-	Related to final Block Diag.	
21/12/2021	All	-	Raspberry pi Struct ^r , Inst ⁿ	
18/1/2022	All	-	mini proj on PPI	
1-2-2022	All	-	Report & PPT Disc ⁿ	

Project Co-ordinator

H.O.D.

PROGRESSIVE EVALUATION OF PROJECT WORK

PROJECT PROGRESS GROUP NO. 11 — Multilevel Indicator

SPONSORED BY :

Sr.No.	Name of Student	Roll No.	Examination No.
1)	Gorav Saorabh Eknath	26	
2)	Suryawarsh' Alonkar B.	34	
3)	Kane Rohidas M.	41	
4)	Nalke Adrush Mahadev.	58	
5)	Dorogade Akshay R.	59	

Meeting Date	Roll Numbers of Students		Discussions / Progress	Sign. of Guide
	Present	Absent		
22/9/21	All	—	Related to Idea Disc ⁿ , Synpos	
12/10/21	All	—	Related to Lit. survey of Invec.	
16/11/2021	—	41	Related to final Block Dia.	
21/12/2021	All	—	Related to Invec ⁿ conf ⁿ .	
1/2/2022	All.	—	Report & PPT Disc ⁿ .	

Project Co-ordinator

H.O.D.

PROGRESSIVE EVALUATION OF PROJECT WORK

PROJECT PROGRESS GROUP NO.			
SPONSORED BY: construction of magic soek pit			
Sr.No.	Name of Student	Roll No.	Examination No.
1	Hritik M. Hujare	18	
2	satyajeeet sarnobat	19	
3	siddhesh s. salokhe	30	
4	swapnil s. patil	54	
5	Prathamesh s. patil	55	
6	Rushikesh s. Jadhav.	56	

Meeting Date	Roll Numbers of Students		Discussions / Progress	Sign. of Guide
	Present	Absent		
23/9/22	All	-	Discussion with idea for new topic	
14/10/22	All	-	Topic finalization	
21/10/22	All	-	Literature reviewed	
4/11/22	All	-	survey for site	
18/11/22	All	-	methodology final	
25/11/22	All	-	Discussion with next level of project	
9/12/22	All	-	Discussion about presentation & ppt	

Project Co-ordinator

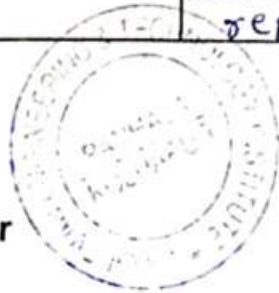
H.O.D.

PROGRESSIVE EVALUATION OF PROJECT WORK

PROJECT PROGRESS GROUP NO. 5			
SPONSORED BY :			
Sr.No.	Name of Student	Roll No.	Examination No.
1	Patil Harshada Jaysing	20	2063151242037
2	Dalve Mitali K.	21	2063151242042
3	Gaikwad Aarti Sunil	22	2063151242026
4	Suryawanshi Sneha M.	23	2063151242031

Meeting Date	Roll Numbers of Students		Discussions / Progress	Sign. of Guide
	Present	Absent		
7-10-22	20, 21, 22, 23	-	Discussion about diff. domains	<i>Fateh</i>
14-10-22	20, 21, 22, 23	-	Discuss & finalize domain-NLP	<i>Fateh</i>
15-10-22	20, 21, 22, 23	-	Discuss diff. Paper related to domain	<i>Fateh</i>
15-10-22	20, 21, 22, 23	-	selection of Paper	<i>Fateh</i>
21-10-22	20, 22	21, 23	Decide problem statement & motivation	<i>Fateh</i>
28-10-22	20, 22	21, 23	Finalize topic Name - "An Automatic MCA & summary generation using NLP"	<i>Fateh</i>
28-10-22	20, 21, 22, 23	-	Basic study about selected topic	<i>Fateh</i>
4-11-22	20, 22	21, 23	Literature review of selected topic	<i>Fateh</i>
18-11-22	20, 22	21, 23	An synopsis submission & system Architecture	<i>Fateh</i>
18-11-22	20, 22	21, 23	Presentations-I & II	<i>Fateh</i>
21-11-22	20, 21, 22, 23		Implementation of Module I-II	<i>Fateh</i>
9-12-22	20, 21, 22, 23		completion of Project-Phase-I report	<i>Fateh</i>

f. Fateh
Project Co-ordinator



Pegle
H.O.D.

PROGRESSIVE EVALUATION OF PROJECT WORK

PROJECT PROGRESS GROUP NO. 6

SPONSORED BY: Application Inc, Kolhapur Maharashtra

Sr.No.	Name of Student	Roll No.	Examination No.
1	Bhaskar Vivek Pandit	24	2063151242027
2	Bhore Akshaykumar	25	2063151242038
3	Sutar Supriya	26	2063151242029
4	Dhangar valbhavi	27	2063151242030
5	Kumbhar Nikita	28	1963151242011

Meeting Date	Roll Numbers of Students		Discussions / Progress	Sign. of Guide
	Present	Absent		
14-10-22	1, 2, 4, 5	3	Selection of topic	
21-10-22	1, 2, 4, 5	3	Basic study about topic	
4-11-22	1, 2, 3, 4, 5		Literature review of selected topic	
18-11-22	1, 2, 3, 4, 5		Pre synopsis submission	
			Discuss about system architecture	
21-11-22	1, 2, 4, 5	3	compt Implementation of module 1	
9-12-22	1, 2, 4, 5	3	completion of project phase-I report	

Project Co-ordinator



H.O.D.

PROGRESSIVE EVALUATION OF PROJECT WORK

PROJECT PROGRESS GROUP NO. 1			
SPONSORED BY: Imagine Multiservices Pvt. Ltd. Kolhapur			
Sr.No.	Name of Student	Roll No.	Examination No.
1.	shubhangi suresh shetake	1	1963151242012
2.	Kalyani Sanjay Hulle	2	2063151242011
3.	Snehal Sanjay Mankar	3	1963151242012
4.	Shivani Shashikant shinde	4	2063151242023

Meeting Date	Roll Numbers of Students		Discussions / Progress	Sign. of Guide
	Present	Absent		
21/03/2023	1,2,3,4	—	Insert screenshots of the Implemented System in PPT.	
28/03/2023	1,2,3,4	—	Update Literature Survey in Table.	
10/04/2023	1,2,3,4	—	Check complete data flow of the System.	
17/04/2023	1,2,3,4	—	Improve Dashboard module UI.	
21/04/2023	1,2,3,4	—	Complete Implemented System shown to Guide.	
02/05/2023	1,2,3,4	—	Changes given in User Form.	
08/05/2023	1,2,3,4	—	Add Future Scope in PPT, Complete and Publish Research Papers before final Presentation.	

Project Co-ordinator

H.O.D.

PROGRESSIVE EVALUATION OF PROJECT WORK

PROJECT PROGRESS GROUP NO. 07.			
SPONSORED BY: -			
Sr.No.	Name of Student	Roll No.	Examination No.
1.	Khunte Sondeep Prakash	24	
2.	Gaikwad Rushikesh Ramchandra	25	
3.	Kusankar Haithik Ajit	40	
4.	Patil Vinayak Shashiraj	46	
5.	Tate Aviraj Ashok	57	
-	-	-	-

Meeting Date	Roll Numbers of Students		Discussions / Progress	Sign. of Guide
	Present	Absent		
29/10/21	All	-	Discussion about research area & search for topic.	} A..
13/11/2021	All	-	Discussion on different ideas & finalization of topic	} A..
24/11/2021	All	-	Discussion on presentation (1 st) preparation of PPT's.	} A..
17/12/2021	25, 40, 46, 57.	24	Discussed about component design & search for design procedure.	} A..
24/12/2021	All	-	preparation of 2nd presentation	} A..


Project Co-ordinator




H.O.D.

PROGRESSIVE EVALUATION OF PROJECT WORK

PROJECT PROGRESS GROUP NO. G-17

SPONSORED BY :

Sr.No.	Name of Student	Roll No.	Examination No.
1	Tambekar Saurabh Sanjivrao	27	
2	Jadhav Satyajeet Sampatrao	42	
3	Gavade Akshay Babaso	52	
4	Nadaf Isfah Husan	54	
5	Hirbhagat Prachi Sumil	55	

Meeting Date	Roll Numbers of Students		Discussions / Progress	Sign. of Guide
	Present	Absent		
13/03/2024	All	-	Discussion about Design of 2 Components.	
27/03/2024	All	-	Discussion about PPT preparation & tips for presentation	
06/04/2024	All	-	Discussion on Results form trial of project.	
* 20/04/2024 (online)	All	-	Discussion on Results & Report writing.	
* 10/05/2024 (online)	All	-	Checking of project report & corrections done.	
* 24/05/2024 (online)	All	-	completion of project report & signatures.	

* Includes online meeting.

Project Coordinator

H.O.D.

भारत सरकार, रक्षा मंत्रालय
रक्षा अनुसंधान एवं विकास संगठन
आयुध अनुसंधान एवं विकास संस्थापन
डॉ. होमी भाभा पथ,
आयुध डाकघर, पाषाण,
पुणे - 411021
भारत



रक्षा सेवाओंको सेवामें
Service to Services

Government of India, Ministry of Defence
Defence R & D Organisation (DRDO)
Armament R&D Estt. (ARDE)
Dr. Homi Bhabha Road,
Armament Post, Pashan,
Pune - 411021
INDIA

आयुध एम. ओ. 9001 : 2015 प्रमाणित
ISO 9001 : 2015 Certified



वेबसाइट / Website : www.drdo.gov.in

No. ARDE/35/1/23-Tech

Date: 30 June 2023

To,

Shri Shivpratap Shivaji Bhalekar
s/o Shri Shivaji
Kolhapur, Maharashtra

Subject : Engagement of Apprentices Under Apprenticeship Act 1961 for the Year 2023-24.

1. Based on your performance in apprenticeship examination, you are hereby offered the apprenticeship in "**Mechanical Engineering**" for One-Year at Armament Research and Development Establishment, Pashan, Pune – 411021. w.e.f. 01st Aug 2023. The rate of stipend is Rs. 12,000/- per month.
2. The Apprenticeship will be subject to following conditions :
 - (i) The medical officer to certify your fitness for apprenticeship.
 - (ii) The period of apprenticeship is for One Year.
 - (iii) The minimum attendance per year shall be 200 days. If the apprentice is not able to put minimum attendance during the apprenticeship, he/she will not be eligible for final certificate of apprenticeship.
 - (iv) Accommodation & TA/DA will not be provided by the establishment; candidates are to make their own arrangements.
3. You have to report for apprenticeship training along with following documents in original before **14th July 2023** after completion of Medical Exam.
 - (i) *Engineering, SSC, HSC, Caste Certificate (if applicable), Character certificate and Aadhar in original.
 - (ii) Certificate of fitness from Medical officer in enclosed forms, Candidate's statement & declaration regarding medical history, should be filled in by candidate and signed in the presence of medical officer who conducts the medical examination, the medical officer is required to attest the same in the space provided in the form. Medical certificate should be issued by registered Medical officer (MBBS) only.
 - (iii) One set of Xerox copies of certificates mentioned in para 3.i duly self-attested.
 - (iv) Five copies of recent passport size photographs.
 - (v) If any declaration given or information furnished by you proves to be false or if you are found to have willfully suppressed any material information, you are liable to be removed from training and action will be initiated, as Govt. may deem necessary.
 - (vi) Original police verification report to be submitted within 30 days from date of joining else your candidature for apprenticeship will be terminated.

Note : Any type of mobile phones / Pen drive or any kind of electronic gadgets will not be allowed in ARDE premises. In case any candidate found possessing these items, his/her apprenticeship will be immediately terminated without any intimation and the electronic material found will be confiscated. You are requested to maintain punctuality, confidentiality and proper discipline in the technical area, not abiding by them will initiate appropriate disciplinary action against you.

4. This apprenticeship does not mean that you will be absorbed in DRDO.

Encl :

- (i) Medical Exam Form (1 set)
- (ii) Police Clearance Certificate



(Alok Kanhai)
Scientist 'F'
for Director ARDE

Note : For any query please call on : 020 – 25932749



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala. Tal. Panhala, Dist. Kolhapur- 416 201

Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Workshop On “Prototype & Process Design and Development”

Resource Person	Dr. Suryakant Dodmise
Collaborating Agency	Siddham Innovation and Business Incubation Center Kolhapur (SIBIC)
Topic	Prototype & Process Design and Development
Day & Date	Friday, 10 th March 2023
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech Engineering)
Venue / Location	Siddham Innovation and Business Incubation Center (SIBIC), 4 th Floor, Kailash Tower, above Bhima Siddhi Infotainment, Assembly Road, Near Venus Corner, New Shahupuri, Kolhapur
Organized By	Institute Innovation Council Cell, S.E.T.I. Panhala




PRINCIPAL
Sanjeevan Enng. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

PRINCIPAL PERMISSION LETTER



A handwritten signature in blue ink, appearing to read "A. J. Jai".

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

Date- 02/03/2023

To,
The Principal,
S.E.T.I., Panhala.

Subject: - Regarding permission to arrange workshop on "Prototype & Process Design and Development" in association with SIBIC Kolhapur for our Engineering Students.

Respected Sir,

To strengthen our Institute Innovation council activities we would like to arrange a workshop on "Prototype & Process Design and Development" in association with Siddham Innovation and Business Incubation Center Kolhapur (SIBIC) for our Engineering Students on 10th March 2023. All our students of engineering will get the advantage of this program.

So kindly allow our Institute Innovation Council Cell to organize this program on above mentioned topic for the benefit of our students.

P.S. Atigre
02/03/2023

Mr. Praveen S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)
S.E.T.I. Panhala



Permitted
San
02/03/23

San

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

PERMISSION LETTER

Siddham Innovation and Business Incubation Center (SIBIC)




PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201
Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Ref. No: SE77/274 / 2023/65

Date - 02/03/2023

To,
The C.E.O.,
Siddham Innovation and Business Incubation Center (SIBIC)
Kolhapur.

Subject: - Regarding permission to arrange a workshop on "Prototype & Process Design and Development" in association with SIBIC Kolhapur for our engineering students.

Respected Sir,

Our Institute is established in 2009 in a view to impart engineering education to Under Graduate & Post Graduate Students. The institute is approved by AICTE New Delhi, recognized by DTE Maharashtra, and affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere.

The Institute is long cherished dream of the Founder-Chairman Mr. P. R. Bhosale, an educationalist having experience about three decades. His aim is to impart quality education to the students from nook and corner of the country.

To strengthen our Institute Innovation Council (IIC) activities we would like to arrange a workshop on "Prototype & Process Design and Development" in association with SIBIC Kolhapur on 10/03/2023 for our engineering students.

I would like to request you, kindly permit our students to visit your organization for this workshop.

Yours Sincerely,

P.S. Atigre
02/03/2023
Mr. Praveen S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)
S.E.T.I. Panhala



P. Atigre

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

Permitted
[Signature]



CENTRAL I.I.C. CELL

NOTICE




PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (M.S.)



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201
Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Date: 03/03/2023

NOTICE

All the heads of department and departmental I.I.C. cell members are hereby informed that, there is a Workshop on "Prototype & Process Design and Development" organized by our Institute Innovation Council. The details are as follows:

Topic	Prototype & Process Design and Development
Organization	Siddham Innovation and Business Incubation Center Kolhapur (SIBIC)
Date	10 th March 2023
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech Engineering)
Venue / Location	Siddham Innovation and Business Incubation Center (SIBIC), 4 th Floor, Kailash Tower, above Bhima Siddhi Infotainment, Assembly Road, Near Venus Corner, New Shahupuri, Kolhapur

Kindly circulate this notice among the students of your department and inform the name of the students who are interested for this workshop.

P. S. Atigre
03/03/2023
Prof. Praveen S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)
S.E.T.I. Panhala



V. H. Deokar
Dr. V. H. Deokar
(President of I.I.C. Cell)
S.E.T.I. Panhala

[Signature]
PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

DEPARTMENTAL I.I.C. CELL NOTICE




PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Samwar Peth, Panhala, Dist. Kolhapur. (M.S.)



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201
Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Department of Mechanical Engineering

Date: 03/03/2023

NOTICE

All the students of Mechanical Engineering Department are hereby informed that, there is a Workshop on "Prototype & Process Design and Development" organized by our Institute Innovation Council. The details are as follows:

Topic	Prototype & Process Design and Development
Organization	Siddham Innovation and Business Incubation Center Kolhapur (SIBIC)
Date	10 th March 2023
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech)
Venue / Location	Siddham Innovation and Business Incubation Center (SIBIC), 4 th Floor, Kailash Tower, above Bhima Siddhi Infotainment, Assembly Road, Near Venus Corner, New Shahupuri, Kolhapur

Students who are interested should attend the program.

P.S. Atigre
03/03/2023
Prof. P.S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)

[Signature]
Prof. Sardar B. Deshmukh
HOD

Mechanical Engineering Department



[Signature]
PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

ATTENDANCE




PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
 Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201
 Phone : 0231 - 2686600 / 23 / 24 / 26 Fax : 0231 - 2686629

Approved By AICTE - New Delhi • Recognized by Govt. of Maharashtra & DTE • Affiliated to DBATU, Lonere.
 Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Workshop On

Prototype & Process Design and Development

In Association With

Siddham Innovation and Business Incubation Center Kolhapur (S.I.B.I.) Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala, Dist. Kolhapur. (MS)

PRINCIPAL



REGISTRATION DETAILS (Date: 10/03/2023)

Sr. No	Name of the Student	Class	Branch	Mobile No.	Signature
1	kashmira Naykawadi.	B.E. last yr	C.S.E	9960167383	Kashmira
2	shweta kamble	B.E. last year	C.S.E	8805921712	Shweta
3	Rutuja patil	B.E. last year	C.S.E.	7776963589	Rutuja
4	Pranali Babasaheb Kumbhar	T.Y (B.Tech)	Mech	8600928191	Bumbhar
5	Samyuddhi Babasaheb Konde	T.Y(B.Tech)	Mech	9021317722	Samyuddhi
6	Sayali Shivaaji Tambavkar	B.E last year	Civil	8007403468	Sayali
7	Somiksha Suhas Shinde	B.E. last year	civil	7517945253	Somiksha
8	Vivek Vishwas Nikam	T.E	Civil	9309746099	Nikam
9	Sumit Suresh patil	T.E	Civil	7385184354	Sumit
10	Abhishek chandrashelkhar Jugale	T.E	Civil	8530865715	Jugale
11	Privam vinod Jadhav	T.E	Civil	7350989316	Privam
12	Sanket Suryakant Shinde	T.E	Civil	8956238088	Sanket
13	Sumect Sunil khirugade	T.E	Civil	9146164545	Sumect
14	Rounak Chandrashekhar Patil	T.Y	Civil	9370028188	Rounak
15	Madhar Sunil lokhande	T.Y.	Civil	7775952329	Madhar
16	Patil Yogesh Yuvraj	T.Y	CIVIL	8380060803	Patil
17	Patil saiprasad Janardan	S.E	CIVIL	9637129120	Patil
18	Kadam Nitish Bhirmao	T.Y.	Mech	8551049085	Kadam

P.S.Ahij



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur-416 201
Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

Approved By AICTE - New Delhi Recognized by Govt. of Maharashtra & DTE Affiliated to DBATU, Lonere.
Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Workshop On

Prototype & Process Design and Development

In Association With

Siddham Innovation and Business Incubation Center Kolhapur (S.I.B.I.C)

REGISTRATION DETAILS (Date: 10/03/2023)

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)



Sr. No	Name of the Student	Class	Branch	Mobile No.	Signature
✓ 19	Shubham. M. Shete	T.Y. Mech.	Mech.	9604265741	[Signature]
20	Siddhesh. S. Shinde	T. Y.	Mech	9146999000	[Signature]
21	Shubham. T. Khol.	T.Y.	Mech	9620302341	[Signature]
22	Sunil. B. Sawant	T. Y.	Mech	7387314654	[Signature]
23	Siddhesh. S. Bendkhale	T. Y.	Mech	8530845279	[Signature]
24	Dhairyashil H. Bagachi	T. Y.	Mech.	8329592503	[Signature]
25	Avadhut. R. Patil	B.E	Mech.	7066556187	[Signature]
26	Prashant Z. Patil	B.E	Mech	8552014101	[Signature]
27	shubham R patil	BE	Mech	9730408529	[Signature]
28	Vinayak. B. Bolave	B.E.	Mech	7720064848	[Signature]
✓ 29	Saroj P. Shinde	B.E	civil	9075403643	[Signature]
✓ 30	Kaustubh. B. Khot	B.E	civil	9423948932	[Signature]
✓ 31	Pudhviraj Laxman Sawade	B.E	Civil	7820837125	[Signature]
✓ 32	Pratik Sanjay Kamble	B.E.	civil	9022056095	[Signature]
33	Anish Vasant Patil	T.Y	Mech	9527031312	[Signature]
✓ 34	Patil Swapnil Dhondiram	B.E. civil	civil	7057840707	[Signature]

P. S. Ahir



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
 Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201
 Phone : 0231 - 2686600 / 23 / 24 / 25 Fax : 0231 - 2686629

Approved By AICTE - New Delhi Recognized by Govt. of Maharashtra & DTE Affiliated to DBATU, Lonere.
 Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Workshop On

Prototype & Process Design and Development

In Association With

Siddham Innovation and Business Incubation Center Kolhapur (S.I.B.I.C)

REGISTRATION DETAILS (Date: 10/03/2023)

Sr. No	Name of the Student	Class	Branch	Mobile No.	Signature
35	Jadhav Amol Pramod	B.Tech	Civil	9623651345	<i>[Signature]</i>
36	Bhosale Kevall madhukar	B.E	Civil	7887830902	<i>[Signature]</i>
37	Prathmesh Sudhir Magdum	B.Tech	Mech	9503620349	<i>[Signature]</i>
38	Deepshree D. Prabharalkar	B.Tech	Electrical	9146108781	<i>[Signature]</i>
39	Sonali B. Jadhav	B.Tech	Electrical	9307521035	<i>[Signature]</i>
40	Nagesh H. Jagannawar	B.Tech	Elec.	9922665576	<i>[Signature]</i>
41	Pranjita B. Yeloore	B.Tech	Ele	9527756543	<i>[Signature]</i>
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					



[Signature]
 PRINCIPAL
 Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala, Dist. Kolhapur. (MS)

P. S. Ahir

PHOTOGRAPHS



[Signature]
PRINCIPAL
Sanjeevan Engg. & Tech. Institute
C/O. Panhala Post, Panhala Dist. Jalgaon. (GJ)



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur-416 201
Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere.

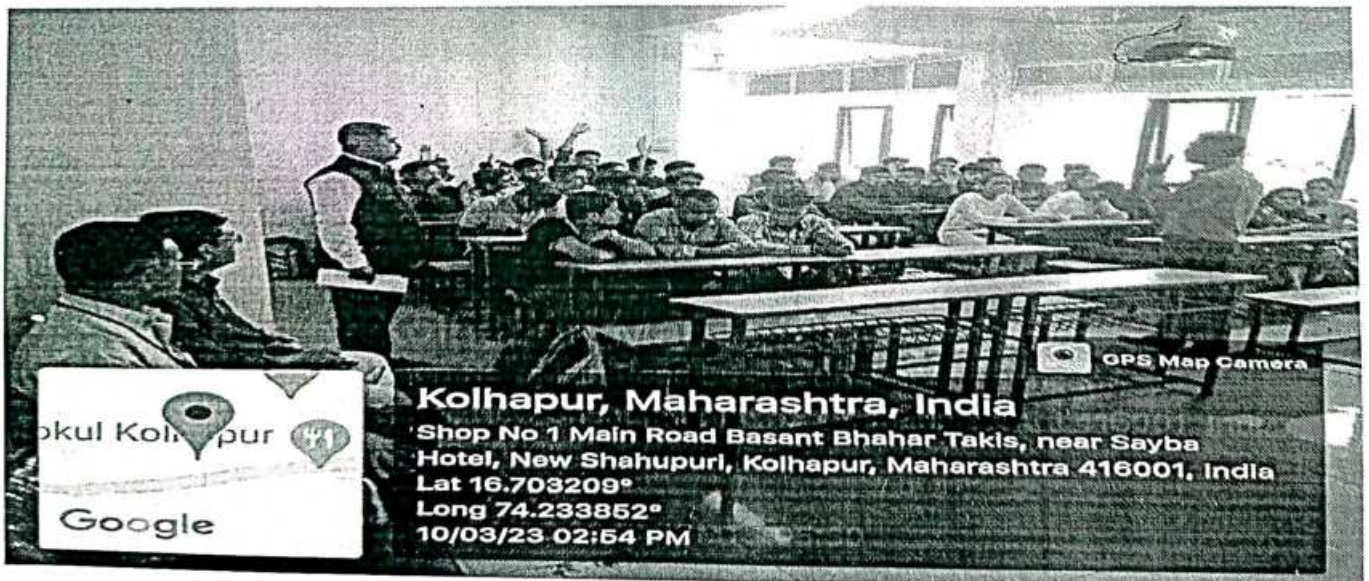
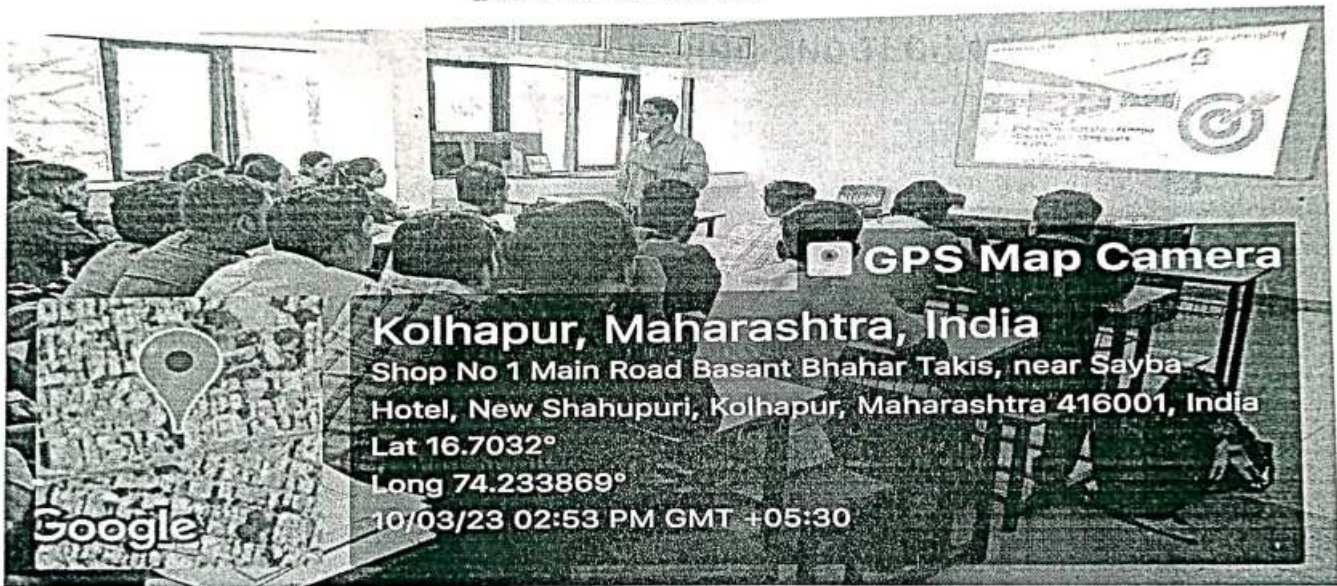
Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Date: 10/03/2023

One Day Workshop On
"Prototype & Process Design and Development"
In Association With Siddham Innovation & Business Incubation
Center Kolhapur (SIBIC)

PHOTOGRAPHS



San
PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur-416 201

Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere.

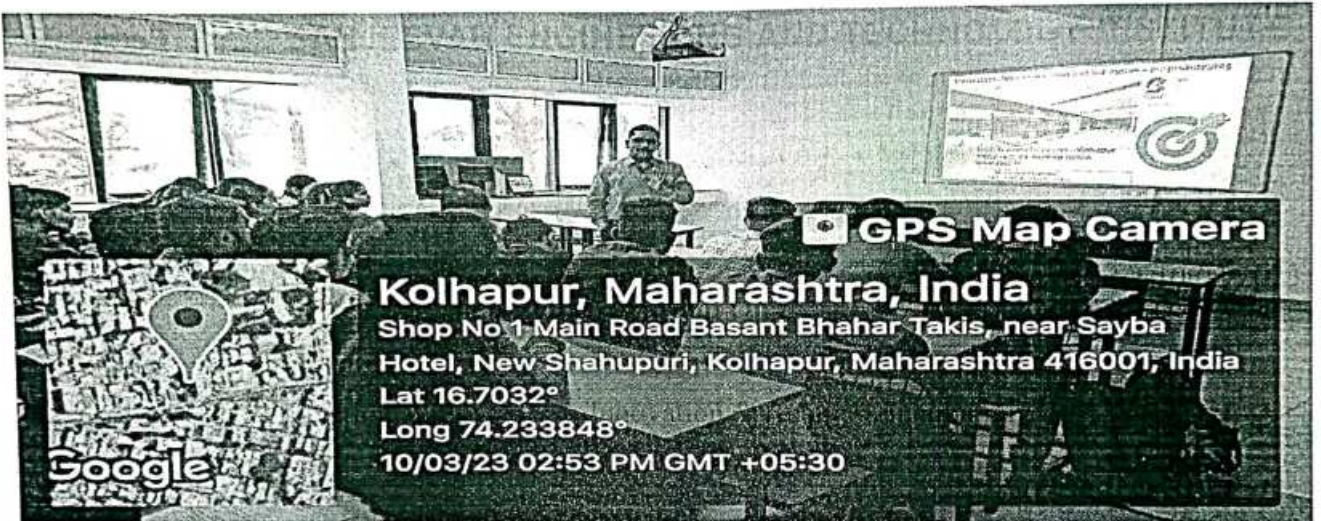
Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Date: 10/03/2023

One Day Workshop On
"Prototype & Process Design and Development"
In Association With Siddham Innovation & Business Incubation
Center Kolhapur (SIBIC)

PHOTOGRAPHS




PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

THANKING LETTER



A handwritten signature in blue ink, appearing to read "S. Saw".

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur-416 201

Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Ref No: SETI/I.T.C/2023/71

Date: 10/03/2023

To,
The C.E.O.,
Siddham Innovation and Business Incubation Center (SIBIC)
Kolhapur.

Respected Sir,

We would like to extend our sincere thanks to you for arranging workshop on "Prototype & Process Design and Development on 10th March 2023" in association with Siddham Innovation and Business Incubation Center (SIBIC) Kolhapur for our engineering students. We are glad to say that the response from the students was enthusiastic. The information presented by you is definitely beneficial to our students for their career enhancement.

We genuinely thank you once again for the support and time given by you and we sincerely hope that you would continue to extend your valuable support in our future initiatives as well.

Thanking you.

P.S. Atigre
10/03/2023
Mr. Praveen S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)
S.E.T.I. Panhala



Received
[Signature]



[Signature]
PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

ACTIVITY REPORT



A handwritten signature in blue ink, appearing to read "A. Sawi".

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201
Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DB.A.T.U., Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315

Date: 10/03/2023.

One Day Workshop On
“Prototype & Process Design and Development”
In Association With Siddham Innovation & Business Incubation
Center Kolhapur (SIBIC)

Activity Report

1. **Title of Workshop :** Prototype & Process Design and Development
2. **Date of Workshop:** 10th March 2023
3. **Organized By :** Institute Innovation Council Cell, S.E.T.I. Panhala
4. **Collaborating Agency :** Siddham Innovation & Business Incubation Center (SIBIC)
5. **Resource Person/Trainer :** Dr. Suryakant Dodmise

6. Objectives of the Workshop:

The objective of this workshop is to provide the knowledge to the students about prototype / process design and development. After completing this workshop students will be able to understand:

- a. Concept of prototype development
- b. Concept of process design and development
- c. Steps involved in prototype / process design and development
- d. Types of project prototyping in design thinking
- e. Case study of prototype / process design and development
- f. Advance Robotics




PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

7. **Place of Activity (venue):** Siddham Innovation and Business Incubation Center
(SIBIC), 4th Floor, Kailash Tower, above Bhima Siddhi
Infotainment, Assembly Road, Near Venus Corner, New
Shahupuri, Kolhapur
8. **Number of Participants:** Total 41 students participated for this workshop
9. **Participants from:** Students from Mechanical, Civil, Computer Science,
Electrical Engineering Department
10. **Photographs:**



Photograph No.1 : Workshop on Prototype & Process Design and Development




PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

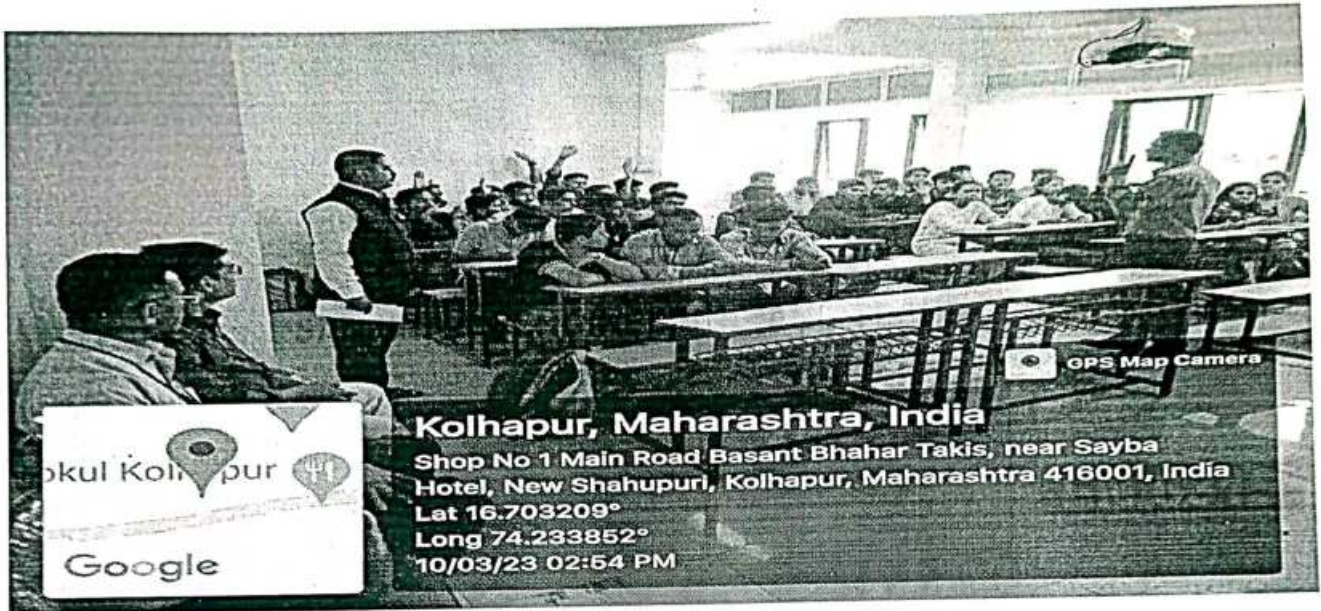


Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201
Phone : 0231 - 2686600 / 23 / 24 / 28 Fax : 0231 - 2686629

■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to DBATU, Lonere.

Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in

EN 6315



Photograph No.2 : Workshop on Prototype & Process Design and Development

11. Report Prepared By: Asst. Prof. Praveen S. Atigre (Member of I.I.C. Cell)

P.S. Atigre
10/03/23

Prof. Praveen S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)
S.E.T.I. Panhala

Suhas G. Sapate

Dr. Suhas G. Sapate
Vice Principial
S.E.T.I. Panhala



V. H. Deokar

Dr. V. H. Deokar
(President of I.I.C. Cell)
S.E.T.I. Panhala

Sanjeev N. Jain

Dr. Sanjeev N. Jain
Principial **PRINCIPAL**
Sanjeevan Engg. & Tech. Institute
S.E.T.I. Panhala, Dist. Kolhapur. (MS)

MEMORANDUM OF UNDERSTANDING



Department of Computer Science and Engineering
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
Sanjeevan knowledge city, A/P - Somwar Peth-Injole ,
Panhala, Tal. Panhala, Dist. Kolhapur - 416201.

&



**SIDDHAM
INNOVATION
& BUSINESS
INCUBATION CENTER**

INNOVATION | SKILLS | EDUCATION

SIDDHAM INNOVATION AND BUSINESS INCUBATION CENTER-SIBIC

Kailash Tower, 4th floor, Assembly Road, Kolhapur.



About SETI:

SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE is an establishment of Sanjeevan, meets the needs of technology driven modern 21st Century. The Institute is approved by All India Council for Technical Education, New Delhi, recognized by Directorate of Technical Education, Govt. of Maharashtra and affiliated to Shivaji University, Kolhapur.

Sanjeevan Engineering & Technology Institute is long cherished dream of Founder-Chairman Mr. P. R. BHOSALE, an Educationalist having experience about two decades. His aim is to impart quality education to the students from nook and corner of the country. No doubt, Sanjeevan Engineers will be the best professionals with added values of Indian Heritage.

About SIBIC:

SIBIC is an Incubator that help entrepreneurs and early stage startups to develop their business, especially in the initial stages. With our experience in business and technology world we support to entrepreneurs and early stage startups by providing technological facilities, advices, initial growth funds, network and linkages, co-working spaces, lab facilities, mentoring and advisory support. The vision of SIBIC is to build the startup ecosystem in order to impact the Tier-II and Tier-III community in Employment Generation, Skilling and Education. To fulfill this vision, **SIBIC** has been established.

SIBIC - Focus Sectors

- Manufacturing – Profit Connect (IR-4.0)
- Agriculture – AI
- Healthcare
- Food
- Education

SIBIC has been started with a vision to ‘be a pioneer to Foster, Enable and Grow the Innovation and Entrepreneurial Ecosystem in Tier-2 and Tier-3 cities’.

SIBIC PROVIDE SERVICES TO START-UPS, Industries and Academia;

1. Entity registration (Company, LLP)
2. Startup India registration
3. Claim of rebate on patent registration
4. Assist in raising funds under different schemes of startup India program
5. Tax benefit under Income tax act



6. Support for other fund raising schemes other than start up India program
7. Support to commercialize your product/service ideas (ideation to commercialization)
8. Guidance for profit connect in various stages of companies growth by adopting industry revolution 4.0
9. Detailed project report preparation (Economic, technical and financial viability) which is required for startup benefits, fund raising under various schemes as well as from financial institutions.
10. Technology Development support for profit lifting by studying the Gap with **GAP Building Techniques**.

SIBIC has set up a platform to,

- Set up innovative concepts and programs for education in technology entrepreneurship, as well as industry-academia interactions.
- Enable the students/start-ups/companies to explore starting their own venture on campus, through a vibrant synergy between Industry and Academia.
- Fire up the Growth-Engine of incubation by calling on external entrepreneurs to incubate their businesses.
- Bring relevant technology to nurture the regional industrial growth.

As one of the missions, **SIBIC** provides Incubation support for budding technology entrepreneurs/companies/SPV/NGO/TRUSTS and help to realize their start-up dreams.

Objectives of MoU:

To participate, Support services offered by SIBIC,

1. To build entrepreneurial eco-system in Tier-II and Tier-III cities.
2. Support for funding through Government Schemes, Angel Investors & Investor connect program.
3. Mentorship support to start-ups.
4. To help institutes for creating in-house entrepreneurial eco-system through Incubating the Incubator Model.
5. To conduct Incubation Programs and Entrepreneurship Development Programs in campus.



- To help Institutes in technology development and to create awareness about emerging technology.

Terms & Conditions:

A. Nature of Relationship:

- This MoU is for the collaboration between both parties, for mutual benefits.
- Both the parties shall take all the responsible steps to ensure the successful collaboration.

B. Financial Aspects:

- In any of the activities mentioned above, wherever financial aspects are involved, amount, payment conditions, etc. would be spelt out with new document in mutual understanding of both the parties.

C. Validity:

The agreement is valid for a period of three years with effect from the date of signing the MoU and may be renewed after that period, incorporating mutually agreeable modifications if any thereafter. Each party may withdraw from the agreement by giving a written notice of three months in advance, subject to fulfill prior obligations otherwise surviving.

Authorized Signatory with stamp

Sanjeevan Engineering & Technology Institute SIBIC Business Incubator



Prof. Dr. S. N. Jain

Principal



Dr. Suhas Sapate
Vice Principal



Mr. Suryakant Dodmise

CEO



Date - 15/11/2022

Place - Panhala.

SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE, PANHALA

Office Order

The various committees are revised w.e.f.2019-20, as per the discussions and decision taken in the meeting of all Heads. All concerned members are hereby informed to take up of this and initiate the activities.

REVISED COMMITTEES 2019-20 (As per the decision in the meeting of HODs-11/07/2019)

Sr. No.	Committee Name	Activities Involved	Name of the Nominated Faculty							Co-ordinator	
			Civil	Mechanical	E&TC	CSE	Electrical	Automobile	BS&H& other		
1	ADMISSION COMMITTEE	FC, ARC, Admissions (UG/PG/Dip)	S S Chavan	A S Shelke	G R Desai	S A Babar	D M Kerutagi	D S Virkar	V A Patil	V A Patil	CH
2	ACCREDITATION COMMITTEE	NBA, NAAC, IQAC, NIRF	A N Dhende	V V Vanmore & A B Chavan	C R Dongarsane	J B Metkari	N S Jadhav	S A Pisal	A B Kolekar	Dean (Academic)	
3	ALUMNI ASSOCIATION	Alumni association	A M Momin	R U Urunkar	S V Vanmore	S S Pujari	P B Gurav	A S Kekare	-	A S Kekare	ADK
4	NSS COMMITTEE	NSS, Social awareness activities, Blood Donation camp, Tree plantation,	H D Bhosale	A A Katkar	C M Gaikwad	R S Nejkar	A M Bhandare	D S Virkar	Nilofer Khan	R S Nejkar	RAJGURKAR R S Nejkar
5	HOSTEL COMMITTEE	Hostel, Mess	A C Thoke	V D Thorat	S N Shinde	M M Hajare	Y R Naik	-	Nasrin Khan	M M Hajare	Hajare
6	PUBLICITY COMMITTEE	Website, Magazine, Media & Paper News/ College Advt.	HOD	HOD	HOD	HOD	HOD	HOD	HOD	Sangram Patil	Patil
7	R&D COMMITTEE	R&D, Consultancy, Project Based Learning, National /International / Technical Events FDPs, Guest Lecture, Projects Evaluation, ISTE/IE(I) Staff chapters	A K Khebudkar	U S Ghorpade	Vidya Abdulpur	S A Babar	Y R Naik	S L Ghodake	S.S. Potdar	S G Arvindkumar	
8	STUDENTS WELFARE & DISCIPLINE COMMITTEE	Students welfare & financial help, Webnair, Moodle Server, Earn & Learn, Students Discipline	A.C. Thoke	S G Arvindkumar,	S N Shinde	T V Deokar	P.P.Kulkarni	S L Ghodake	V A Patil	S B Deshmukh	



Handwritten initials/signature.

9	TRAINING AND PLACEMENT CELL	T&P Cell, Industry-Institute Interaction, Industrial Visit /Educational Tour	J J Gavade	A S Katkar	S N Shinde	N M Shinde	S P Kulkarni	D S Virkar	A B Kolekar	Training & Placement Officer
10	ACADEMIC CALENDAR & TIME-TABLE COMMITTEE	Academic calendar & Time-table	J J Gavade	A T Bhosale	C M Gaikwad	N M Shinde	P P Kulkarni	S P Jadhav	Nasrin Khan	S P Jadhav
11	CULTURAL COMMITTEE	Cultural activities, Youth Festivals, Students Council activities, Annual Function	A K Khebudkar	A S Shelke	G R Desai	R S Nejkar	V T Metkari	M A Patil	A A Saboji	A K Khebudkar
12	LIBRARY COMMITTEE	Library workings, New arrivals, Utilization planning & review	P S Shinde	N S Nidsosi	G R Desai	R S Nejkar	D M Kerutgi	S K Pisal	Nilofer Khan	Sangram Patil
13	SPORTS & GYMKHANA COMMITTEE	Sports & gymkhana activities	H D Bhosale	D V Patil	S V Vanmore	T V Deokar	A M Bhandare	A S Katkar	Ankita Kulkarni	R.A.ingavale
14	INFRASTRUCTURE AND BUILDING MAINTENANCE COMMITTEE	Campus & Building Planning, Infra, building maintenance	HOD	HOD	HOD	HOD	HOD	HOD	HOD	E P Salokhe
15	ENTREPRENEURSHIP DEVELOPMENT COMMITTEE	EDC, CDC	E P Salokhe	P S Atigre	C R Dongarsane	J B Metkari	S P Kulkarni	S P Jadhav	-	C R Dongarsane
16	CANTEEN COMMITTEE	Canteen food, hygiene & cleanliness monitoring	A M Momin	G C Koli	Vidya Abdulpur	T V Deokar	P B Gurav	-	Nilofer Khan	Nilofer Khan
17	FURNITURE & DEADSTOCK COMMITTEE	Furniture identification & distribution, Deadstock verification	J J Gavade	R D Mane	C M Gaikwad	T V Deokar	N S Jadhav	S P Jadhav	A A Saboji	A A Katkar
18	EXAM CO-ORDINATION COMMITTEE	BATU all exams, Mid-Term Tests	A.C.Thoke	S.B. Deshmukh	C.R. Dongarsane	J.B.Metkari	V.T.Metkari	D.S.Virkar	S S Potdar	DEAN (Exam)

Note : The Co-ordinator of the Committee will convene the meetings, its activities and maintain the record with the help of committees members.

Date: 12/07/2019

copy to: all HODs & Coordinators.
& Dean (Exam)



(Dr. Mohan B. Vanarotti)
Principal

ENTREPRENEURSHIP DEVELOPMENT PROGRAM- START-UP SUMMIT

REPORT

Sanjeevan Engineering and Technology Institute (SETI), Panhala conducted EDP START-UP SUMMIT on 20th of March 2023 at SETI Campus, Panhala. The entrepreneur of various companies such as Sky Global Pvt. Ltd., and Walstar Technologies Pvt.Ltd, GriffonVulture, and Sr. Officer Bhartiya Yuva Shakti Trust were present. Degree and diploma students from parent institutes of all branches such as mechanical, electrical computer, civil engineering were present for the program.

The program starts with an inaugural function with Saraswati puja and a welcome speech by Dr. Ajay Maske (TPO, SETI). The CEO Mr. Pratap Patil, Walstar Technologies Pvt. Ltd Kolhapur guided the students and told their success story how they become entrepreneurs. Also CEO of Sky Global Pvt. Ltd. Mr. Sharad Benade and Mr. Adarsh Griffon Vulture told their journey. Mr. Vishwanath Pawar guides the student regarding government schemes for start-up. All the entrepreneur guides regarding what kind of competencies are required for an entrepreneur. Also, the good behaviour, ethical standards, and teamwork-built student and enhance company growth. They also gave a detailed knowledge of the company and the job role. Hon. Chairman P. R Bhosale-sir guided the participants in their speech.

The programme was coordinated by Mr. S.P.Jadhav, Mr. Pravin Atigare, and Mr. T. M. Mulla (TPO team).

Overall experience and feedback of all companies CEO was very positive. Our chairman Hon P.R. Bhosale, secretary N. R. Bhosale and Principal Dr. Sanjiv Jain, were motivated & supported in every aspect of the successful conduction of this campus drive & quoted how such programmes were essential for boosting the confidence of students.



Sanjiv
PRINCIPAL

Sanjeevan Engg. & Tech. Institute
Cemwar Deth, Panhala - 416 201

-
SANJEEVAN ENGINEERING AND TECHNOLOGY
INSTITUTE, PANHALA CENTRAL TRAINING AND
PLACEMENT DEPARTMENT

Date: 15-03-2023

NOTICE

Startup Summit and Training Program Date: March 20, 2023

We are excited to announce the upcoming "Startup Summit and Training Program" scheduled for March 20, 2023. This event is designed to empower all third-year students with the knowledge and skills necessary to embark on the exciting journey of entrepreneurship.

Event Details:

Date: March 20, 2023

Venue: Drawing Hall

Agenda:

9:00 AM - 10:00 AM: Registration and Welcome Breakfast

10:00 AM - 11:30 AM: Keynote Speech on Entrepreneurship in the Modern World

11:30 AM - 1:00 PM: Speaker – CEO Pratap Patil (Walstar) and Sharad Benade (Sky global)

It is request to all the students must attend the same

Dr. Ajay K Maske

TPO



Dr. Sanjeev N. Jain

Principal

Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 301

ENTREPRENEURSHIP DEVELOPMENT PROGRAM- START-UP SUMMIT

REPORT

Sanjeevan Engineering and Technology Institute (SETI), Panhala conducted EDP START-UP SUMMIT on 20th of March 2023 at SETI Campus, Panhala. The entrepreneur of various companies such as Sky Global Pvt. Ltd., and Walstar Technologies Pvt.Ltd, GriffonVulture, and Sr. Officer Bhartiya Yuva Shakti Trust were present. Degree and diploma students from parent institutes of all branches such as mechanical, electrical computer, civil engineering were present for the program.

The program starts with an inaugural function with Saraswati pujan and a welcome speech by Dr. Ajay Maske (TPO, SETI). The CEO Mr. Pratap Patil, Walstar Technologies Pvt. Ltd Kolhapur guided the students and told their success story how they become entrepreneurs. Also CEO of Sky Global Pvt. Ltd. Mr. Sharad Benade and Mr. Adarsh Griffon Vulture told their journey. Mr. Vishwanath Pawar guides the student regarding government schemes for start-up. All the entrepreneur guides regarding what kind of competencies are required for an entrepreneur. Also, the good behaviour, ethical standards, and teamwork-built student and enhance company growth. They also gave a detailed knowledge of the company and the job role. Hon. Chairman P. R Bhosale sir guided the participants in their speech.

The programme was coordinated by Mr. S.P.Jadhav, Mr. Pravin Atigare, and Mr. T. M. Mulla (TPO team).

Overall experience and feedback of all companies CEO was very positive. Our chairman Hon P.R. Bhosale, secretary N. R. Bhosale and Principal Dr. Sanjiv Jain, were motivated & supported in every aspect of the successful conduction of this campus drive & quoted how such programmes were essential for boosting the confidence of students.



Sanjeevan
PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201



DTE Code : **EN6315**



NAAC Accredited

AICTE ID : 1-8019451
AISSE Code : C-11165

HOLY-WOOD ACADEMY'S

SANJEEVAN

ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur.
Pin- 416 201 (Maharashtra) Phone : 9146999500

Approved By AICTE, New Delhi Recognized by Govt. of Maharashtra & DTE
Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

Date: 16/11/2022

Intellectual property (IP) refers to various distinct types of creations of the mind: inventions, literary , artistic works, symbols, names, images, and designs; for which a set of exclusive rights like copyrights, trademarks, patents, industrial design rights and trade secrets are recognized under the corresponding fields of law.

To create awareness of Intellectual Property Rights and guide the stakeholders regarding patent filing process, the institute hereby forming the IPR Cell as below.

IPR Cell

Sr.No.	Name of Faculty	Designation
1.	Dr. Sanjeev N. Jain Principal	Chairman
2.	Dr. C. R. Dongarsane Asst. Prof., E & TC Engineering	Coordinator
3.	Prof. Y. R. Naik Asst. Prof., Electrical Engineering	Co – Coordinator
4.	Dr. D. S. Bhosale Asst. Prof., CS Engineering	Member
5.	Dr. G. C. Koli Asst. Prof., Mechanical Engineering	Member
6.	Dr. V. A. Patil Asst. Prof., Basic Sciences & humanities	Member
7.	Prof. E. P. Salokhe Associate Prof., Civil Engineering	Member
8.	Dr. A. K. Maske TPO	Member


Dr. Sanjeev N. Jain
PRINCIPAL

Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201



One Page Report

- **Name of Event:** Workshop on IPR Awareness and Filing Procedure
- **Resource Persons:** Prof. E.P.Salokhe, Dean Academics (SETI, Panhala) and Dr. G.C.Koli, Dean, IQAC (SETI, Panhala)
- **Organized by** – IPR Cell, Sanjeevan Engineering & Technology Institute, Panhala.
- **Date:** 25th March ,2023

IPR cell of SETI, Panhala organized one day workshop on IPR Awareness and Filing Procedure. Faculties from all department and diploma wing participated enthusiastically. Hon'ble Principal Dr.S.N.Jain along with Vice Principal Dr.Suhas Sapate inaugurated the workshop. The main purpose to organize the workshop is to introduce IPR & its importance. Prof. E.P.Salokhe nicely explained need and awareness of IPR usage in higher education institutes for quality improvement. He shared few examples of patents with reputed companies and organizations. Dr. G.C.Koli extends the session further with IPR filing procedure. He also shared patent filing forms among faculties. 43 faculties from degree and diploma have attended the workshop. It was coordinated by Dr.C.R.Dongarsane, E&TC department and Prof.Y.R.Naik, Electrical department.



null

25/03/23 11:07 AM GMT +05:30



Panhala, Maharashtra, India

A/P Somwarpeth, R442+XVW, near Sanjeevan Engineering College,

Panhala, Maharashtra 416230, India

Lat 16.807174°

Long 74.102292°

25/03/23 11:21 AM GMT +05:30





Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India



Application Details

APPLICATION NUMBER	202241004316
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/01/2022
APPLICANT NAME	1. Dr. Piyush Gaur 2. Mr. M.S.Santhosh 3. Dr. Suyash Yashwantrao Fawar 4. Mr. Makarand Bhikaji Shrivastava 5. Dr. Koll Gajanan Chandrashekhar 6. Mr. Berl Venkata Himasekhar Sal 7. Mr. Prafulla Kumar Sahoo 8. Dr. Boda Surya Venkata Ramarao
TITLE OF INVENTION	Fatigue Testing For Reliability Assessments Of FRC Polymer Materials In Micro/Nano Systems
FIELD OF INVENTION	PHYSICS
E-MAIL (As Per Record)	mail2patentipr@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	04/02/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201



Welcome Harish Sharma [Sign out](#)

Controller General of Patents, Designs & Trade

Marks

G.S.T. Road, Guindy, Chennai-600032

Tel No. (091)(044) 22502081-84 Fax No. 044 22502066

E-mail: chennai-patent@nic.in

Web Site: www.ipindia.gov.in



सत्यमेव जयते

G.A.R.6

[See Rule 22(1)]

RECEIPT

INTELLECTUAL
PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

Docket No 33373

Date/Time 2022/04/13 08:15:48

To
Harish Sharma

UserId: Inpa3649

A-2, Sect.-60, Noida, Uttar Pradesh

CBR Detail:

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Remarks
1	E-12/2595/2022/CHE	202241021963	2500	14767	FORM 9	
2	202241021963	TEMP/E-1/23794/2022-CHE	1600	14767	FORM 1	Wireless sensor based monitoring of air pollution Agriculture land

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0000950843	Online Bank Transfer	1304220000563	4100.00	1475001020000001

Total Amount : ₹ 4100.00

Amount in Words: Rupees Four Thousand One Hundred Only

Received from Harish Sharma the sum of ₹ 4100.00 on account of Payment of fee for above mentioned Application/Forms.

* This is a computer generated receipt, hence no signature required.

[Print](#)[Home](#)[About Us](#)[Contact Us](#)

Sanjeevan
PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201



FORM 1 THE PATENTS ACT 1970 (39 of 1970) and THE PATENTS RULES, 2003 APPLICATION FOR GRANT OF PATENT (See section 7, 54 and 135 and sub-rule (1) of rule 20)				(FOR OFFICE USE ONLY)	
				Application No.	
				Filing date:	
				Amount of Fee paid:	
				CBR No:	
				Signature:	
1. APPLICANT'S REFERENCE / IDENTIFICATION NO. (AS ALLOTTED BY OFFICE)					
2. TYPE OF APPLICATION [Please tick (✓) at the appropriate category]					
Ordinary (✓)		Convention ()		PCT-NP ()	
Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()
3A. APPLICANT(S)					
Name in Full		Nationality	Country of Residence	Address of the Applicant	
1. Dr. P. Solainayagi		Indian	India	Associate Professor, Department of Computer Science and Engineering, Aarupadai Veedu Institute of Technology, Paiyanoor, Chennai-603104.	
2. Dr. V. Nivedhitha		Indian	India	Associate Professor, Department of CSE, SSM Institute of Engineering and Technology, Dindigul-Palani Highway, Dindigul – 624002.	
3. Dr. Shashishankar.A		Indian	India	Professor and Head, Department of Civil Engineering, AMC Engineering College, (Affiliated to VTU), Bannerghatta Road, Bengaluru-560083.	
4. Ganesh S S Y		Indian	India	Assistant Professor, Civil Engineering Department,	

1



PRINCIPAL

 Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala - 416 201

			AMC Engineering College, (Affiliated to VTU), Bannerghatta Road, Bengaluru-560083.
5. Mr. Shivaprasad D	Indian	India	Assistant Professor, Mechanical Engineering Department, AMC Engineering College, (Affiliated to VTU), Bannerghatta Road, Bengaluru-560083.
6. Mr. Sardar Balaso Deshmukh	Indian	India	Assistant Professor, Mechanical Engineering Department, Sanjeevan Engineering & Technology Institute, Panhala Sanjeevan knowledge city, A/P - Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur - 416201.
7. Mr. Umashanker.L	Indian	India	Associate Professor, Mechanical Engineering Department, AMC Engineering College, (Affiliated to VTU), Bannerghatta Road, Bengaluru-560083.
8. Dr.N. Sivakumar	Indian	India	Professor, Department of Mechanical Engineering, 39D/3A, Vivekkandar Salai, Housing Board Colony, Sarakkal Villai, Nagercoil-629002.
3B. CATEGORY OF APPLICANT [Please tick (✓) at the appropriate category]			
Natural Person (✓)		Other than Natural Person	
		Small Entity ()	Startup () Others ()
4. INVENTOR(S) [Please tick (✓) at the appropriate category]			
Are all the inventor(s) same as the applicant(s) named above?	Yes (✓)		No ()
If "No", furnish the details of the inventor(s)			
Name in Full	Nationality	Country of Residence	Address of the Inventor
Same as Applicant			
5. TITLE OF THE INVENTION			
"Wireless sensor based monitoring of air pollution Agriculture land"			

Welcome Harish Sharma

[Sign out](#)

Controller General of Patents, Designs & Trade
Marks



सत्यमेव जयते

G.A.R.6
[See Rule 22(1)]
RECEIPT



INTELLECTUAL
PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

Docket No 42255

Date/Time 2022/05/10 20:27:37

Harish Sharma A-2, Sect.-60, Noida, Uttar
Pradesh

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	202241027022	TEMP/E-1/29893/2022-CHE	1600	18683	FORM 1	Full	ADVANCED ROBOT FOR MANUFACTURING ASSEMBLY SELF-BALANCING ELECTRIC SCOOTER
2	E-12/3424/2022/CHE	202241027022	2500	18683	FORM 9	Full	

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0000962922	Online Bank Transfer	1005220026671	4100.00	1475001020000001

Total Amount : ₹ 4100.00

Amount in Words: Rupees Four Thousand One Hundred Only

Received from Harish Sharma the sum of ₹ 4100.00 on account of Payment of fee for above mentioned Application/Forms.

* This is a computer generated receipt, hence no signature required.

[Print](#)

[Home](#)

[About Us](#)

[Contact Us](#)

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Path, Pannala - 416 201



4. Er.Ashish Kumar Bhateja	Indian	India	Head of Department of Automation and Robotics Gulzar Group of Institutions, Ludhiana, 141401 Ludhiana / Punjab
5. Dr. Koli Gajanan Chandrashekhar	Indian	India	Assistant Professor, Mechanical Engineering Department. Sanjeevan Engineering & Technology Institute, Panhala Sanjeevan knowledge city, A/P - SomwarPeth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur - 416201.
6. Dr. Vinayaka N	Indian	India	Associate Professor, Department of Aeronautical Engineering, Nitte Meenakshi Institute of Technology, Yelahanka, Bengaluru - 560064.
7. Mr. Prajval V	Indian	India	Research Manager, BCX Bioorganics, Bangalore, Karnataka
8. Dr.Amuthan Nallathambi	Indian	India	Professor, Department of Electrical and Electronics Engineering Amc Engineering College, (Affiliated to VTU) Bannerghatta Road Bengaluru, Karnataka-560083
3B. CATEGORY OF APPLICANT [Please tick (✓) at the appropriate category]			
Natural Person (✓)		Other than Natural Person	
		Small Entity ()	Startup () Others ()
4. INVENTOR(S) [Please tick (✓) at the appropriate category]			
Are all the inventor(s) same as the applicant(s) named above?	Yes (✓)		No ()
If "No", furnish the details of the inventor(s)			
Name in Full	Nationality	Country of Residence	Address of the Inventor
Same as Applicant			
5. TITLE OF THE INVENTION			
"ADVANCED ROBOT FOR MANUFACTURING ASSEMBLY SELF-BALANCING ELECTRIC SCOOTER"			
6. AUTHORISED REGISTERED PATENT AGENT(S)		IN/PA No.	
		Name	



ORIGINAL

मूल/No : 121603



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE
डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No. : 353912-001
तारीख / Date : 29/11/2021
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो A FOLDABLE ELECTRIC VEHICLE CHASSIS से संबंधित है, का पंजीकरण, श्रेणी 12-11 में 1.Dr. Vinayaka N 2. Dr. Barla Madhav 3.Dr. Koli Gajanan Chandrashekhar 4.Mr. Katkar Ajit Ashok के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 12-11 in respect of the application of such design to A FOLDABLE ELECTRIC VEHICLE CHASSIS in the name of 1.Dr. Vinayaka N 2. Dr. Barla Madhav 3.Dr. Koli Gajanan Chandrashekhar 4.Mr. Katkar Ajit Ashok.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

निर्गमन की तारीख/Date of Issue : 23/12/2022


महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

*The reciprocity date (if any) which has been allowed and the name of the country Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.

PRINCIPAL





सत्यमेव जयते
Ministry of Science & Technology
Government of India

Project Proposal On

*"Harnessing Artificial Intelligence and CST Technology for Smart Fish
Drying Enhancing Food Safety and Quality for Fisherfolk"*

Submitted to

Division :SEED

Programme or Scheme : STI Hub for SC Community

Submitted by

Project Investigator:

Dr. KOLI GAJANAN CHANDRASHEKHAR

**SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE,
PANHALA-PANHALA**

PRINCIPAL

Sanjeevan Engineering and Technology Institute

Part 1 : General Information

General Information:

Name of the Institute/University/Organisation submitting the Project Proposal :

SANJEEVAN ENGINEERING AND
TECHNOLOGY INSTITUTE,
PANHALA

State : Maharashtra

Principal Investigator Name: Dr. KOLI GAJANAN CHANDRASHEKHAR

Category: OBC

Type of the Institute : Academic Institutions (Private)

Project Title : Harnessing Artificial Intelligence and CST Technology for Smart Fish Drying
Enhancing Food Safety and Quality for Fisherfolk

Division : SEED

Programme Or Scheme : STI Hub for SC Community

Academic Area : Mechanical Engineering,

Application Area : Energy, Food and agriculture,

Government National Initiative : Make in India, Startup India,

Type of Proposal : Proposal Against Call

Project Duration : 3 Years

Proposal Submit Date : 30/07/2023

Project Keywords : Artificial Intelligence, CSM, Smart Fish Drying, and Fisherfolk

Project Summary :

The innovative project aims to improve food safety and quality for fisherfolk by harnessing the power of Artificial Intelligence AI and CST Cognitive Sensing Technology for smart fish drying. The system will utilize AI algorithms and CST sensors to monitor and optimize the fish drying process, ensuring uniformity and reducing the risk of spoilage and contamination. Real-time data analysis will enable timely interventions, preserving essential nutrients and enhancing the overall quality of dried fish products. By empowering fisherfolk with advanced technology, this project strives to create sustainable economic opportunities while promoting safer and healthier food practices in coastal communities.

Part 2: Particulars of Investigators

Principal Investigator:


PRINCIPAL

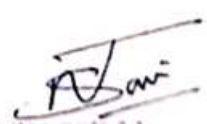
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201



1. Name: Dr. KOLI GAJANAN CHANDRASHEKHAR
Gender: Male
Date of Birth: 12/06/1982
Designation : ASSOCIATE PROFESSOR
Department: MECHANICAL ENGINEERING
Institute/University: SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE, PANHALA
State: Maharashtra
District: Kolhapur
City/Place: PANHALA
Address: SOMWAR PETH-INJOLE, PANHALA, DIST KOLHAPUR
Pin: 416201
Communication Email: gckoli@gmail.com
Alternate Email:
Mobile: 7722076379
Phone:
Fax:
Category: OBC

Co-Investigator:

1. Name: Dr. Sanjeev N Jain
Gender: Male
Date of Birth: 23/01/1968
Designation : Principal
Department: Electronics engineering
Institute/University: SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE, PANHALA


PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

State: Maharashtra
District: Kolhapur
City/Place: Panhala
Address: Sanjeevan Engineering amp Technology Institute
 Panhala, MH, India
Pin: 416201
Communication Email: gckoli@gmail.com
Alternate Email:
Mobile: 7722076379
Phone:
Fax:
Category: General

Part 3: Suggested Refrees

Suggested Refrees: NA

Part 4: Financial Details

Financial Details:

A. Non - Recurring

Equipment

S.	Equipments	Qty.	Justification	1 Year	Total
1.	Linear Fresnel lenses	2	This is the main piece of equipment that will be used to dry the fish. The dryer should be able to control the temperature and humidity levels to ensure that the fish is dried safely and evenly.	400000	400000
Total				400000	400000

B. Recurring

Project Staff

S.	Project Staff	No.	Justification	1 Year	2 Year	3 Year	Total
1.	Others	2	Mechanical Engineer, and CST Technology expert	266000	266000	266000	798000

[Signature]
PRINCIPAL

Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala - 416 201

2.	Project Manager	1	The project manager will be responsible for overseeing the entire project, from planning to implementation. They will be responsible for ensuring that the project stays on track and within budget.	133000	133000	133000	399000
Total				399000	399000	399000	1197000

Consumables

S.	Items	Qty.	Justification	1 Year	2 Year	3 Year	Total
1.	camera	3	The camera will be used to monitor the fish drying process. The camera will be able to capture images of the fish at regular intervals, which will be used by the AI to assess the drying process and make adjustments as needed.	300000	0	0	300000
2.	Food Safety Testing Equipment	2	Laboratory equipment for testing fish quality and safety, including microbial testing, moisture content analysis, and chemical analysis.	60000	0	0	60000
3.	Kuro WorkStation Model C1	1	The computer will be used to run the AI software. The software will analyze the images captured by the camera and make recommendations on how to adjust the drying process.	200000	0	0	200000
4.	Networking Equipment	1	Routers, switches, and cables: For setting up a local network between the AI hardware, IoT devices, and data collection systems.	150000	0	0	150000
5.	Temperature and Humidity Sensors	4	These sensors are essential to monitor the drying conditions inside the dryer and provide data for AI analysis and control.	24000	0	0	24000
Total				734000	0	0	734000

Contingency

S.	Description	Justification	1 Year	2 Year	3 Year	Total
1.	other expenses and unexpected cost	other expenses and unexpected cost	25000	25000	25000	75000
Total			25000	25000	25000	75000

Travel

S.	Description	Justification	1 Year	2 Year	3 Year	Total
1.	Experts Travel	Experts Travel and expenses.	35000	35000	35000	105000
2.	Transporting the equipment and consumables	Transporting the equipment and consumables	30000	30000	30000	90000
Total			65000	65000	65000	195000

Overhead

S.	Description	Justification	1 Year	2 Year	3 Year	Total
1.	unexpected expenses and other cost	unexpected expenses and other cost	25000	25000	25000	75000
Total			25000	25000	25000	75000

Budget Head Summary in (INR)

Budget Head	Year-1	Year-2	Year-3	Total
1- Non-Recurring				
Equipment	400000	0	0	400000
Subtotal (Capital)	400000	0	0	400000
2- Recurring				
Project Staff	399000	399000	399000	1197000
Consumables	734000	0	0	734000
Contingency	25000	25000	25000	75000
Travel	65000	65000	65000	195000
Overhead	25000	25000	25000	75000
Subtotal (General)	1248000	514000	514000	2276000

Total Project Cost (Capital + General)	1648000	514000	514000	2676000
--	---------	--------	--------	---------

Part 5: PFMS Details

PFMS Unique Code Available: No

Type of Registration : Academic Institutions (Private)

PAN Number : -

Agency Name : SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE, PANHALA

Act Registration No. : AICTE ID: 1-8019451

Registering Authority : Any Other

Registering Authority Other : ALL INDIA COUNCIL FOR TECHNICAL EDUCATION NEW DELHI

TIN Number : -

TAN Number : KLPP024OGB

GST Number : -

Block No /Building /Village /Name of Premises : SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Road/Street/Post Office : SOWWAR PETH - INJOLE

Area/Loacallty : SANJEEVAN KNOWLEDGE CITY

City : PANHALA

Pin Code : 416201

State : Maharashtra

District : Kolhapur

Contact Person : Dr.Koli Gajanan Chandrasehekhar

Designation : ASSOCIATE PROFESSOR

Phone Number : 02312686600

Mobile Number : 7722076379

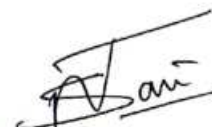
Email ID : gckoll@gmail.com


PRINCIPAL
 Sanjeevan Engg. & Tech. Institute
 Sowwar Peth, Panhala - 416 201

Bank Name : The Cosmos Cooperative Bank Ltd
Branch Address of the Bank : Laximpuri Branch
Bank Branch Name : Laximpuri branch
Bank Account Number of the Beneficiary : 088100102356
IFSC Code of the bank : COSB0000088
MICR Code of the bank : COSB00000

Part 6: Current Ongoing Project

Current Ongoing Project: NA



PRINCIPAL

Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201



पेटेंट कार्यालय
शासकीय जर्नल

OFFICIAL JOURNAL
OF
THE PATENT OFFICE

निर्गमन सं. 11/2022
ISSUE NO. 11/2022

शुक्रवार
FRIDAY

दिनांक: 18/03/2022
DATE: 18/03/2022

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

The Patent Office Journal No. 11/2022 Dated 18/03/2022


PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)




HOD

16363

Department of Computer Science
& Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala-416 203

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202241010481 A

(19) INDIA

(22) Date of filing of Application :27/02/2022

(43) Publication Date : 18/03/2022

(54) Title of the invention : AI BASED SMART METER FOR MUNICIPAL WASTE WATER TREATMENT BY ELECTROCHEMICAL TECHNIQUE AND QUALITY MONITORING USING IOT

(51) International classification :G01F0015060000, G01F0015000000, G06Q0050060000, G01F0001075000, E03B0007070000

(86) International Application No :PCT//
Filing Date :01/01/1900

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Santosh M Nejakar

Address of Applicant :Nejakar Technologies, Siddadevanagar, Near Head Post Office -----

2)PRASHANT BASAVARAJ BHAGAWATI

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)PRASHANT BASAVARAJ BHAGAWATI

Address of Applicant :Assistant Professor, Civil Engineering, Annasaheb Dange College of Engineering and Technology Ashta Ashta Maharashtra India 416301 -----

2)B. RAMESH BABU

Address of Applicant :Professor Process Engineering Division, CSIR-Central Electrochemical Research Institute Karaikudi, Tamilnadu India 630003 -----

3)DR. SUHAS GAJANAN SAPATE

Address of Applicant :Professor Computer Science and Engineering, Annasaheb Dange College of Engineering and Technology Ashta Ashta Maharashtra India 416301 -----

4)SAYED AHMED IMRAN BELLARY

Address of Applicant :Professor Mechanical Engineering, Anjuman-I-Islam's Kalsekar Technical Campus, Plot# 2 and 3, Sector 16, Near Thank Naka New Panvel, Navi Mumbai Maharashtra India -----

5)DR. SANTOSH M HERUR

Address of Applicant :Associate Professor and Head, Dept of ECE, Jain Institute of Technology Bada Cross Davanagere Karnataka India 577005 -----

(57) Abstract :

Due to the drawback highlighted in the existing system, there should be a meter which can overcome all this drawbacks and this can be done by installing our Smart Water Meter in your building/Apartment. Smart Water Meter which provides the water consumption details (with the help of water flow sensor) and checks if any leakage detection and quality of water(Turbidity sensor) can be checked. we can check all this things with the help of our website and with our App, both are developed to check the consumption details and we can make an billing through the website/App and we can monitor the quality of water also through this website/App and the details can be exported to the excel sheet and we can analyze the consumption of water on monthly basis according to requirements of the user and main admin can check the consumption of each house holders in the Apartment/building by using their login credentials and the house holders can check their water consumption details with helpof their login credentials which will be provided by the main admin while installing this Smart Water Meter. And if any waste water is entered through the valve it will be detected by our smart meter and the indication will be sent to the App as a pop-up message and eventually user can use that water if the needed or else he can stop that water or else water can be exited in other exit valve. And in the same manner if any leakage is found anywhere in the connection(pipe) Smart Meter will show the indication with the help of website/App to the user by sending the pop-up and then the action can be taken, by the respective users(house holders).

No. of Pages : 12 No. of Claims : 3

The Patent Office Journal No. 11/2022 Dated 18/03/2022


PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)




HOD
Department of Computer Science
& Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 206

1. Patent Search

Ai Based Smart Meter For Municipal Waste Water Treatment By Electrochemical Technique And Quality Monitoring Using Iot

ORDINARY APPLICATION

published



Ai Based Smart Meter For Municipal Waste Water Treatment By Electrochemical Technique And Quality Monitoring Using Iot

Documents

Updated 8 months ago

- Information
- Documents

Due to the drawback highlighted in the existing system, there should be a meter which can overcome all this drawbacks and this can be done by installing our Smart Water Meter in your building/Apartment.

Smart Water Meter which provides the water consumption details (with the help of water flow sensor) and checks if any leakage detection and quality of water(Turbidity sensor) can be checked.

we can check all this things with the help of our website and with our App, both are developed to check the consumption details and we can make an billing through the website/App and we can monitor the quality of water also through this website/App and the details can be exported to the excel sheet and we can analyze the consumption of water on monthly basis according to requirements of the user and main admin can check the consumption of each house holders in the Apartment/building by using their login credentials and the house holders can check their water consumption details with helpof their login credentials which will be provided by the main admin while installing this Smart Water Meter.

And if any waste water is entered through the valve it will be detected by our sr
will be sent to the App as a pop-up message and eventually user can use that w
can stop that water or else water can be exited in other exit valve. And in the sa
is found anywhere in the connection(pipe) Smart Meter will show the indication with the help of website/App
to the user by sending the pop-up and then the action can be taken, by the respective users(house holders).

Message Us

Application ID 202241010481

Invention Field PHYSICS

Date of Application 2022-02-27

Publication Number 11/2022

Inventors

Name	Address	Country	Nationality
Santosh M Nejjakar	Nejjakar Technologies, Siddadevanagar, Near Head Post Office	India	India
PRASHANT BASAVARAJ BHAGAWATI	Assistant Professor, Civil Engineering, Annasaheb Dange College of Engineering and Technology Ashta Ashta Maharashtra India 416301	India	India

Applicants

Name	Address	Country	Nationality
PRASHANT BASAVARAJ BHAGAWATI	Assistant Professor, Civil Engineering, Annasaheb Dange College of Engineering and Technology Ashta Ashta Maharashtra India 416301	India	India
B. RAMESH BABU	Professor Process Engineering Division, CSIR-Central Electrochemical Research Institute Karaikudi, Tamilnadu India 630003	India	India
DR. SUHAS GAJANAN SAPATE	Professor Computer Science and Engineering, Annasaheb Dange College of Engineering and Technology Ashta Ashta Maharashtra India 416301	India	India
SAYED AHMED IMRAN BELLARY	Professor Mechanical Engineering, Anjuman-I-Islam's Kalsekar Technical Campus, Plot# 2 and 3, Sector 16, Near Thank Naka New Panvel, Navi Mumbai Maharashtra India	India	India
DR. SANTOSH M HERUR	Associate Professor and Head, Dept of ECE, Jain Institute of Technology Bada Cross Davanagere Karnataka India 577005	India	India

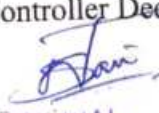
Documents

Name	Date
202241010481-STATEMENT OF UNDERTAKING (FORM 3) [27-02-2022(online)].pdf	2022-02-27
202241010481-FORM-9 [27-02-2022(online)].pdf	2022-02-27
202241010481-DRAWINGS [27-02-2022(online)].pdf	2022-02-27
202241010481-DECLARATION OF INVENTORSHIP (FORM 5) [27-02-2022(online)].pdf	2022-02-27
202241010481-FORM 1 [27-02-2022(online)].pdf	2022-02-27
202241010481-COMPLETE SPECIFICATION [27-02-2022(online)].pdf	2022-02-27


Orders

Applicant Section Controller Decision Date URL

Specification


PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)




HOD
Department of Computer Science
& Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416201

R.S. No. 199B/1-3, Gokul Shirgaon, Kolhapur - 416 234
Maharashtra, INDIA.
Tel. +91 7769001199, 9168781199
Email : info@kitcoek.in
Web : www.kitcoek.in



KOLHAPUR INSTITUTE
OF TECHNOLOGY'S
**COLLEGE OF
ENGINEERING**
(AUTONOMOUS),
KOLHAPUR

Accredited 'A' Grade by NAAC, Bengaluru

Ref. : KIT/CEK/ No 02076

Date : 27/12/2022

27 DEC 2022

To,
The Registrar,
Shivaji University, Kolhapur


Subject: Regarding Research Proposal under Diamond Jubilee Research Initiation Scheme

Dear Sir,

Dr. Udaysinh Shivaji Bhapkar, Professor, Department of Mechanical Engineering, Kolhapur Institute of Technology's College of Engineering (Autonomous), Kolhapur is submitting research proposal entitled "Chemical synthesis of SnO_2 -Polymer nanocomposites for coating and study of anticorrosive properties of coated steel." for the Diamond Jubilee Research Initiation Scheme.

You are requested to accept the proposal


Regards,


Dr. Mohan B. Vanarotti
Director

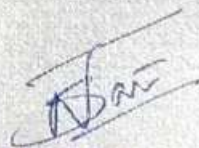
Kolhapur Institute of Technology's
College of Engineering (Autonomous), Kolhapur

Director
Kolhapur Institute of Technology's
College of Engineering (Autonomous)
Kolhapur




HOD

Mechanical Engineering
Sanjeevan Engg. & Tech. Institute


PRINCIPAL

Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201



A Research Project Proposal

Under

Diamond Jubilee Research Initiation scheme

Shivaji University, Kolhapur

Entitled

Chemical synthesis of SnO_2 -Polymer nanocomposites for coating
and study of anticorrosive properties of coated steel.

Submitted by



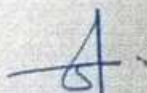
Dr. UDAYSINH SHIVAJI BHAPKAR

Department of Mechanical Engineering

Kolhapur Institute of Technology's

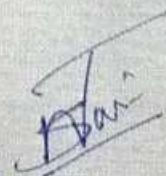
College of Engineering (Autonomous), Kolhapur-416234 (MS)

December 2022


HOD

Mechanical Engineering

Sanjeevan Engg. & Tech Institute, Panhala



PRINCIPAL

Sanjeevan Engg. & Tech. Institute

Somwar Peth, Panhala - 416 201

SHIVAJI UNIVERSITY, KOLHAPUR
DIAMOND JUBILEE
RESEARCH INITIATION SCHEME
Format for Submission of Proposal for Research Project

PART-I

- 1) Broad Subject: Material Science Faculty: Mr. Dhananjay Vasantao Patil
 2) Area of Specialization: Anticorrosive Coating
 3) Duration: 36 months
 4) Principal Investigator:

i)	Name	Dr. U.S.Bhapkar
ii)	Sex	Male
iii)	Date of Birth	05/03/1977
iv)	Qualification	Ph.D. Mechanical Engineering Thermal and Fluids Engineering
v)	Designation	Professor
vi)	Address Office : Residence :	KIT's College of Engineering, (Autonomous) Kolhapur.
vii)	Date of joining the service as a teacher	01/07/2004
viii)	Date of confirmation	01/07/2004

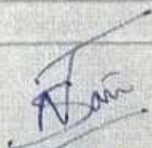
- 5) Co-Investigator(s) (If any):

i)	Name	Mr. Dhananjay Vasantao Patil
ii)	Sex	Male
iii)	Date of Birth	09/10/1986
iv)	Qualification	M.E. Mechanical Engg.
v)	Designation	Assistant Professor
vi)	Address Office : Residence :	Sanjeevan Engineering and Technology Institute, Panhala. At/p.Vadanage, Tal. Karveer, Dist.Kolhapur. 416229.

- 1) Co-Investigator(s) (If any):

i)	Name	Dr. S.S. Potdar
ii)	Sex	Male
iii)	Date of Birth	20/12/1982


HOD
Mechanical Engineering
 Sanjeevan Engg. & Tech. Institute


PRINCIPAL
 Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala - 416 201



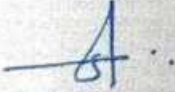
iv)	Qualification	MSc. Ph.D.
v)	Designation	Assistant Professor
vi)	Address Office : Residence :	Sanjeevan Engineering and Technology Institute, Panhala. At/p.Vadanage, Tal. Karveer, Dist.Kolhapur. 416229.

- 6) Details of the College/Institution where the project will be undertaken:
- Department: **Mechanical Engineering Department**
 - Name of the College: **KIT's College of Engineering, (Autonomous)
Kolhapur.**

7) Teaching and Research Experience of Principal Investigator:

a.	Teaching experience	21 Years
b.	Research experience	06 Years
c.	Title of Ph.D./M. Phil. thesis if PI has been awarded	Experimental Investigation of Fluid Flow, Heat Transfer and Acoustic Aspects of Impinging Synthetic Jets
d.	Publications	Peer reviewed Journals – 17 International Conferences - 03
	i. Papers Published Accepted Communicated	
	ii. Books Published	

(Please enclose the list of papers and books published and/or accepted during last five years)


HOD
Mechanical Engineering
Sanjeevan Engg. & Tech. Institute, Panhala


PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201



Part II

8) Proposed Research work:

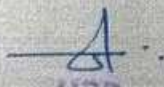
i) Project title

Chemical synthesis of SnO₂-Polymer nanocomposites for coating and study of anticorrosive properties of coated steel.

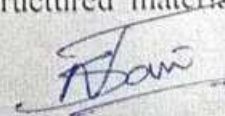
ii) Introduction

a) Origin of the research problem and interdisciplinary relevance:

Corrosion is an undesirable natural process that has arisen from the use of metallic materials; therefore, serious efforts to prevent this phenomenon are ongoing through this century. Corrosion is defined as an attack on a material by its reaction to the environment and the resulting deterioration of the material's properties. Most often, it is related to an electrochemical reaction with a liquid or gaseous medium [1]. Aside from industrial dangers, corrosion affects our lives as we travel to school, work, and for leisure. Endangering public safety and resulting in significant repair costs are the effects of corrosion on bridges, parking structures, buildings, electrical towers, highways, etc. should these collapses, because of a weak, corroded section and disaster could result. The most effective method of preventing the harmful effect of the corrosion attack on the parts is adding a protective barrier between the part and the corrosive environment. Protective coatings have been widely used for metal corrosion control. The use of conducting polymers for the inhibition of corrosion is an area which is very recently gaining increasing attention [2]. There are many types of coatings available, but all work toward the same outcome lengthening the life and usability of parts, components, machinery, products, etc. the protection of these elements not only helps to maintain an industry's equipment but can help protect human lives as well. Various strategies, such as metal surface coating, environmental modifications, the use of corrosion inhibitors, and changes in pH and potential by cathodic or anodic reaction, are used to lower corrosion rate. Recently, nanostructured materials have attracted great interest due to their electrical, optical, magnetic and mechanical properties contributed by confining the dimensions of materials, and the entire behaviors of nanostructured materials show combination of surface and bulk properties. Low-dimensional nanostructured materials have been


HOD

Mechanical Engineering
Sanjeevan Engg. & Tech. Institute, Panhala


PRINCIPAL

Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201



successfully synthesized and have drawn much attention because of their fundamental roles in understanding the quantum size effect and great potential applications in light-emitting diodes, gas sensors, Nano thermometers, solar cells, fuel cells, anti-corrosive testing, etc. Nanomaterial's and their additives are effective corrosion inhibitors because they have a higher surface-to-volume ratio than traditional macroscopic materials [3]. By inhibiting active sites on metal surfaces, nano compounds limit surface reactions and control corrosion rates. The most important application of nanoparticles in the industrial field is their ability to protect metals from corrosion in different environments.

b) Review of research and development in the subject:


Aisha Ganash [2] experimentally tested anticorrosive properties of Poly (o-phenylenediamine)/ZnO nanocomposites coated stainless steel. Poly (o-phenylenediamine) and poly (o-phenylenediamine)/ZnO (PoPd/ZnO) nanocomposites coating were prepared on type-304 austenitic stainless steel (SS) using H_2SO_4 acid as electrolyte by potentiostatic methods. Fourier transforms infrared spectroscopy and scanning electron microscopy techniques were used to characterize the composition and structure of PoPd/ZnO nanocomposites. The corrosion protection of polymer coatings ability was studied by Eocp-time measurement, anodic and cathodic potentiodynamic polarization and impedance techniques in 3.5 % NaCl as corrosive solution. It was found that ZnO nanoparticles improve the barrier and electrochemical anticorrosive properties of poly (o-phenylenediamine). Ana Karen Acero-Gutierrez *et al.* [4] studied to improve corrosion resistance; carbon steel is successfully coated with SiO_2 by the sol-gel process. The addition of SnO_2 nanoparticles to the coating has a significant effect on the formation of the sol-gel film and thus the resistance of the coated substrate in the corrosive medium. The sol-gel SiO_2 incorporation of tin oxide (IV) coating helps protect A36 steel from corrosion. Very low and very high SnO_2 concentrations led to reduced inhibition, and the optimal concentration of SnO_2 nanoparticles was found to be 2.5 vol %. Muna Ibrahim *et al.* [5] investigated enhanced corrosion protection of Epoxy/ZnO-NiO nanocomposite coating on steel. The sol-gel method ZnO-NiO nanocomposite with epoxy coating a mild steel was fabricated. The structural and morphological characterization of the metal oxide nanocomposite was carried out. Electrochemical impedance spectroscopy authenticated that the corrosion resistance has improved for the nanocomposites of




ZnO-NiO coated along with epoxy on steel in comparison to that of the pure epoxy coated steel. Rasoul Babaei-Sati *et al.* [6] studied electrodeposition of polypyrrole/metal oxide nanocomposites for corrosion protection of mild steel. Electrodeposition of polypyrrole (PPy) and PPy-metal oxide nanocomposites on mild steel (MS) was carried out in oxalic acid solution by constant potential technique. The protective properties of coatings were studied in 0.5M H₂SO₄ solution by Tafel polarization and electrochemical impedance spectroscopy (EIS). The effect of different nanoparticles (Al₂O₃, ZnO, TiO₂, CeO₂ and SnO₂) on the protection performance of the nanocomposite coatings was compared. The results reveal that PPy/Al₂O₃ nanocomposite provided the best performance for corrosion protection of the MS by reducing its corrosion current density by 18 times. Shihui Qiu *et al.* [7] investigated long-term corrosion protection of mild steel by an epoxy coating containing self-doped polyaniline nanofiber sulfonated polyaniline (SPANI). SPANI was synthesized via the copolymerization of 2-aminobenzenesulfonic acid and aniline and then characterized. The SPANI/epoxy composite coatings on the steel substrate were prepared for the anti-corrosive investigations in a 3.5 wt % NaCl solution via electrochemical impedance spectroscopy and polarization curves. It turned out that composite coatings with SPANI exhibited excellent protective performance with high impedance modulus during the 120 days immersion while blank epoxy coating was invalid after 80 days immersion. Ali Olad *et al.* [8] have worked on preparation and corrosion resistance of nanostructured PVC/ZnO-polyaniline hybrid coating. They were prepared, characterized the composition and structure of ZnO-polyaniline nanocomposite. The ZnO-polyaniline nanocomposite was mixed with polyvinyl chloride (PVC) through a solution mixing method. Three components PVC/ZnO-polyaniline hybrid material was applied as coating on iron coupon by the solution casting method. Corrosion protection efficiency of hybrid coating studied by open circuit potential and Tafel technique in 3.5 % NaCl solution as corrosive environment. It was found that ZnO nanoparticles improve the barrier and electrochemical anticorrosive properties of polyaniline and addition of PVC increases the barrier effect of polyaniline coating. M. Kantorova *et al.* [9] investigated mixed metal oxides with the structure of perovskite for anticorrosion organic coatings. Mixed metal oxides pigments of TiO₂.ZnO, 2TiO₂.ZnO, Zn₂TiO₄, MgTiO₃, CaTiO₃, TiO₂.ZnO.MgO, and TiO₂.ZnO.SrO were synthesized from corresponding oxides or carbonates at high temperature. The obtained metal mixed oxides were characterized



by means of X-ray diffraction analysis, measurement of particle sizes and scanning electron microscopy. The synthesized metal mixed oxides were used to produce epoxy-ester coatings with 10 % PVC for a synthesized pigment. The coatings were tested for physical-mechanical properties and in corrosion atmospheres. The results of corrosion tests were compared with standard alumino zinc phosphomolybdate. The outcome was the synthesized pigment displayed higher anticorrosion efficiency than the commonly applied aluminum-zinc phosphomolybdate based anticorrosion pigment. J.N. Hasnidawani *et al.* [10] experimented ZnO nanoparticles as anticorrosion nanocoating on carbon steel. Mild carbon steel was used as the substrate for the epoxy-zinc oxide coating. The corrosion behavior mechanism of mild steel was investigated in different media, namely freshwater, NaCl solution, HCl solution and NaOH solution. Immersion test was conducted and studied for a period of 60 days, with daily and weekly weighing and immersing. The corrosion rate was calculated and mild steel corrodes in the different environment and degrades in the following trend; HCl \rightarrow NaCl \rightarrow NaOH \rightarrow H₂O. A.V. Radhamani *et al.* [11] reviewed nanocomposite coatings on steel for enhancing the corrosion resistance. Nanocomposite coating is being explored as the preferred strategy to improve corrosion resistance for steel. They discussed the various coating materials, deposition techniques and the challenges involved in realizing the most suitable coating on steel. They find that composite coating material with low coefficient of thermal expansion and high gas permeation resistance can resist delamination and corrosion. Optimum concentration of filler material with good dispersion on the metal matrix can lengthen the penetration path of the aggressive ions and prolongs the life time of steel. However, SnO₂ nanoparticles have not been much investigated as anticorrosive coating material, despite its excellent intrinsic properties required for good anticorrosive material such as wide band gap (~3.7 eV), excellent transparency, and high chemical stability. It is well known that, the size of metal oxide nanoparticles can influence the anticorrosive properties; therefore optimizing particle size of anticorrosive material is crucial. So, a few chemical synthetic approaches for SnO₂ nanoparticles preparation are overviewed herein. Shaheen Naz *et al.* [12] investigated a simple low cost method for synthesis of SnO₂ nanoparticles and their characterization. SnO₂ nanoparticles were synthesized by a simple chemical coprecipitation method followed by annealing the obtained nanoparticles at different temperatures. Several characterization techniques were carried out to analyze the


HOD
Mechanical Engineering

Sanjeevan Engg. & Tech. Institute, Panhala


PRINCIPAL
Sanjeevan Engg. & Tech. Institute

Sanjeevan Engg. & Tech. Institute, Panhala - 416 201



HOD

Mechanical Engineering

Sanjeevan Engg. & Tech. Institute, Panhala

PRINCIPAL

Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

structure, size, morphology, elemental composition and optical properties of the prepared SnO₂ nanoparticles. Kāvitha Balakrishnan *et al.* [13] synthesized Tin oxide (SnO₂) nanoparticles by the co-precipitation method, and the synthesized nanoparticles were annealed at various temperatures for characterization. Structural characterization was performed by X-ray diffraction to confirm the crystalline nature of the films with a tetragonal structure. SEM analysis of the powder concluded that the nanoparticles produced were spherical particles composed of small, clustered and aggregated nanoparticles. The transition type and band gap of the synthesized nanoparticles were estimated from the absorption spectra. The optical (UV-visible) spectrum reveals a nicely described absorption which is appreciably blue shifted associated with the height absorption of bulk SnO₂ indicating quantum size effect. C. Thenmozhi *et al.* [14] studied Synthesis and characterization of SnO₂ nanoparticles by microwave – assisted solution method. They synthesized SnO₂ nanoparticles by microwave assisted hydrothermal method using SnCl₂.2H₂O as a precursor. The synthesized SnO₂ nanoparticles were characterized to find their structure and crystal size, functional group, particle morphology, surface morphology etc. The broad peaks in the X-ray diffraction indicate that the obtained powder is SnO₂ and size of nanoparticles was found to be in the range of 10-21 nm.

c) Significance of the study:

The nanocomposite is a great way to resist the cost of corrosion. Polymers and nanomaterials are used for nanocomposite preparation. The organic components of nanocomposite provide flexibility, improvement in compatibility, and reduction of porosity and defects. The most used organic polymers for preparation of nanocomposite coating are epoxy [5,19], polyurethane [21], polyethylene glycol (PEG) [22], polyaniline (PANI) [23], polystyrene [24], polyacrylic [25], polyvinyl alcohol (PVA) [8, 26], polypyrrole [6] *etc.* Polymers have been used as host matrices in various composite films. Organic or inorganic particles can be mixed with or incorporated into the polymers to modify their morphology, stability and different physical properties for corrosion protection. It is reported that corrosion current density (I_{corr}) and corrosion rate (CR) decreased with an increasing amount of nanoparticles in polymeric composite and coating efficiency increased.

According to literature survey, PANI/SnO₂ composite exhibited excellent anticorrosion performance ($E_{corr} = -196.0$ mV, $I_{corr} = 0.210$ μ A/cm², CR = 0.177 mpy)



[23] than well-known ZnO, NiO *etc* and their composites. However, SnO₂ and its composite with different polymers are less investigated for anticorrosion [23, 27]. Therefore, preparing SnO₂ – Polymer nanocomposite as an anticorrosion agent for steel. Utilizing a simple and inexpensive chemical method with various compositions is a bottleneck problem that must be thoroughly researched.

d) Research Problem:


Up to now, different composites such as, SnO₂/SiO₂, epoxy/ZnO-NiO, polypyrrole/metal oxide, sulfonated polyaniline and epoxy, PVC/ZnO-polyaniline hybrid coating, epoxy-zinc oxide, TiO₂ [4-9] *etc.* coatings were successfully used as corrosion resistance coatings for steel substrate. Moreover, SnO₂ is an n-type semiconductor with a band gap of 3.7 eV. SnO₂ is an important material due to its high degree of transparency and good chemical, physical and thermal properties [4]. Recent advancement in SnO₂ has been increased with a wide range of applications such as gas sensors, transistors, catalyst electrodes, anticorrosion coating *etc.*

Therefore, Polymer-SnO₂ nanoparticles composite will be synthesized using the Sol-gel method in the proposed research. The structural, morphological, and compositional study of synthesized material will be carried out by using different characterization techniques. The performance of synthesized Polymer-SnO₂ nanocomposite material will be studied for corrosion resistance properties in different mediums by Tafel polarization and electrochemical impedance spectroscopy (EIS) on steel.

iii) Objectives:

The following objectives are identified as a part of this proposed research.

1. To synthesize SnO₂ nanoparticles by using a Sol-gel method.
2. To prepare different compositions of polymer-SnO₂ by adding SnO₂ nanoparticles in a different polymer matrix.
3. To characterize synthesized composite by applying different characterization techniques like XRD, SEM, TEM, UV-visible, EDAX, FTIR *etc.*
4. To study the corrosion protection performance of polymer-SnO₂ nanocomposite materials over 304 austenitic stainless steel by using the Tafel polarization and electrochemical impedance spectroscopy (EIS) in different mediums.


HOD

Mechanical Engineering

Sanjeevan Engg. & Tech. Institute, Panhala


PRINCIPAL

Sanjeevan Engg. & Tech. Institute
Ganwar Peth, Panhala - 416 201



iv) Methodology:

1. In detail, additional literature survey will be carried out for anticorrosion coating of steel substrate.
2. The 304 austenitic stainless steel samples to be used in the experiments will be prepared with suitable dimensions. These samples will be chemically cleaned, and the suitable method will be used for coating deposition on the sample.
3. Sol-gel method will be used for synthesis of SnO₂ nanoparticles. Different size SnO₂ nanoparticles will be synthesized by changing the different preparative parameters.
4. The synthesized SnO₂ nanoparticles will be characterized for their structural determination, surface morphology, optical and compositional properties by different characterization methods like XRD, SEM, TEM, UV-Visible, EDAX, FTIR, etc.
5. Synthesize and coat different polymer compositions with optimum-sized SnO₂ nanoparticles on steel using a suitable coating technique. Also, the influence of coating thickness on steel for anticorrosion properties will be studied.
6. Evaluate corrosion protection properties of synthesized nanocomposites in a different corrosive environment (acid, base, salt) by Tafel polarization and electrochemical impedance spectroscopy.

v) Year wise Plan of work and targets to achieve:

Table: Distribution of work for three years						
Milestones	Target Months					
	1-6	7-12	13-18	19-24	25-30	31-36
Target to achieve						
<ul style="list-style-type: none"> ➤ Literature Survey ➤ Synthesis of SnO₂ nanoparticles of different size by Sol gel method. ➤ Study of structural and morphological properties. ➤ SnO₂ nanoparticles coating on 304 austenitic stainless steel by deep coating method. ➤ Test its performance for corrosion protection. 						
➤ Synthesis of SnO ₂ - first Polymer						

A
HOD
Mechanical Engineering

TV
PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Sanjeevan Engg. & Tech. Institute - 415 201



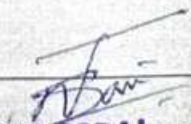
(PVA or polyurethane) nanocomposite.						
<ul style="list-style-type: none"> ➤ Study of structural and morphological properties. ➤ Test its performance in different medium for corrosion protection by Tafel polarization and EIS. 						
<ul style="list-style-type: none"> ➤ Synthesis of SnO₂- second Polymer (PMMA or PVC) nanocomposite. ➤ Study of structural and morphological properties. ➤ Test its performance in different medium for corrosion protection by Tafel polarization and EIS. 						
<ul style="list-style-type: none"> ➤ Comparing and finding optimum corrosion coating thickness of Polymer-SnO₂, 						
<ul style="list-style-type: none"> ➤ Project report writing and submission. 						

vi) Details of collaboration, if any intended

9) Financial Assistance required

Item	Estimated Expenditure
A) Non-recurring component *: (upto 70% of the project cost)	
i) Equipment which may include Characterization like XRD, SEM, TEM, UV-Visible, EDAX, FTIR etc., Experimental Setup etc., laptop	1,75,000/-
ii) Books/Journals	30000/-
B) Recurring component :	
(i) Hiring Services	-----
(ii) Field Work and Travel	50,000/-
(iii) Chemicals and glassware	50,000/-
(iv) Contingency (including special needs)	20,000/-
Total (Rs.)	3,25,000/-


HOD
 Mechanical Engineering
 Sanjeevan Engg. & Tech. Institute, Panhala


PRINCIPAL
 Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala - 416 201



*Justification for the purchase of the equipment be provided.
 10) (a) Details of the project/scheme completed or on going with the P.I

Name of the Equipment	Year	Total Infrastructural facilities obtained	Agency	Started	Completed
-----	-----				
-----	-----				

(b) Institutional and Departmental facilities available for the proposed work

Equipment: Magnetic stirrer with hot plate, muffle furnace, digital weight balance, digital pH meter, chemical hot bath.


11) Any other information which the investigator may like to give in support of this proposal which may be helpful in evaluating.



To certify that:

- General physical facilities, such as furniture/space etc., are available in the College / Institution.
- I/we shall abide by the rules governing the scheme in case assistance is provided to me/us from the University for the above project.
- I/we shall complete the project within the stipulated period. If I/we fail to do so and if the University is not satisfied with the progress of the research project, the University may terminate the project immediately and ask for the refund of the amount received by me/us.
- The above Research Project is not funded by any other agency.

Name and Signature



 HOD
 Mechanical Engineering
 Sanjeevan Engg. & Tech Institute Panhala

(a) Principal Investigator Dr. U.S. Bhapkar 

(b) Co-Investigator
 ① Mr. Dhananjay V. Patil, 
 ② Dr. S.S. Potdar, 


 PRINCIPAL
 Sanjeevan Engg. & Tech. Institute
 Semivar Path, Panhala - 416 201

(c) Principal/Head of the University Department (Signature with Seal)


 Director
 Kothapur Institute of Technology's
 College of Engineering (Autonomous)
 Kothapur



Publications in reputed Journals

S. No.	Author(s)	Title	Name of Journal	Volume	Year
1	Bhapkar U., Srivastava A., Agrawal A	Acoustic and heat transfer aspects of an inclined impinging synthetic jet	International Journal of Thermal Sciences	74	2013
2	Bhapkar U., Srivastava A., Agrawal A	Interferometry based whole-field measurements of an impinging turbulent synthetic jet	International Communications in Heat and Mass Transfer	58	2014
3	Bhapkar U., Srivastava A., Agrawal A	Acoustic and heat transfer characteristics of an elliptical synthetic jet generated by acoustic actuator	International Journal of Heat and Mass Transfer	79	2014
4	Bhapkar U., Srivastava A., Agrawal A	Proper cavity shape can mitigate confinement effect in synthetic jet impingement cooling	Experimental Thermal and Fluid Science	68	2015
5	Bhapkar U., Yadav H., Agrawal A	PIV study of radial wall jet formed by normal impinging turbulent synthetic jet	International Journal of Flow Visualisation and Image Processing	26 (2)	2019
6	Bhapkar U., Patil S., Sawant A., Manthan Y., Pawar S., Bhat J.	Innovative Battery-less Power House for Mobile Devices	Accepted for AIP conference proceedings	-	2021
7	Bhapkar U., Khan J., Bhat J., Chougule A., Sangale S.	Design and development of smart solar powered street sweeping machine	Materials Today	46	2021.
8	Bhapkar U., Desai M., Bhat J.,	Optimization of process parameters by Hybrid Taguchi-Grey Relational Analysis for thermal behaviours of lubricant oil of worm gearbox	Materials Today	--	2021.
9	Bhapkar U., Desai M., Sonawane B., Bhat J.	The compound Taguchi and grey relational analysis used to optimize the tribological parameters of worm gear under wet condition	Materials Today	47	2021
10	Bhapkar U. and Benade M.,	Modelling and fatigue analysis of the composite material camshaft using	Advances and applications in mathematical	20	2021

HOD

Mechanical Engineering

Sanjeevan Engg. & Tech. Institute, Panhala

PRINCIPAL

Sanjeevan Engg. & Tech. Institute

Somwar Path, Panhala, Dist. Solapur, Maharashtra



07/08/2022

To,
The coordinator,
RGSTC Scheme,
Dr. Babasaheb Ambedkar Technological University,
Vidyavihar, Lonere


Subject: Submission of Project-Pre-Proposal.

Respected Sir,

I am submitting herewith my Project-Pre-Proposal entitled, "Novel herbal composition and method to improve milk production, fat, lactation period and reproductive health in cattle." under the RGSTC's University Scheme. I hope that the Proposal is up to the expectation of the RGSTC's University Scheme. Kindly acknowledge the receipt. An early and favorable decision of the same is solicited.

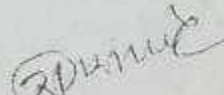
Thanking you.

Yours faithfully,


Dr. Vishal S. Patil

Asst. Prof.

SETI, Panhala


Dean

Research & Development

SETI, Panhala


Principal

SETI, Panhala

PRINCIPAL

Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201



1) **Title of the project proposal:** Novel herbal composition and method to improve milk production, fat, lactation period and reproductive health in cattle.

2) **Name of the Institution where the work will be carried out:** Department of Basic Sciences and Humanities, Sanjeevan Engineering and Technology Institute Panhala, Dist- Kolhapur, Maharashtra 416201

3) **Name of the investigator:**

3.1) Name - Dr. Vishal S. Patil

3.2) Department – Basic Sciences and Humanities

3.3) Designation - Assistant Professor

3.4) Organization and Institute name - Sanjeevan Engineering and Technology Institute, Somwar Peth, Panhala

3.5) Address: Sanjeevan Engineering and Technology Institute, Somwar Peth, Panhala, Dist- Kolhapur, Maharashtra 416201

E-Mail: vishalpatil.chem@gmail.com Contact no.- 9049439898

4) **Name of the co-investigator:**

4.1) Name - Dr. Dhanshri V. Patil

4.2) Department – Chemistry

4.3) Designation - Assistant Professor

4.4) Organization and Institute name – Krishna Mahavidyalaya Rethare Bk.

4.5) Address: Krishna Mahavidyalaya Rethare Bk. Tal- Karad, Dist- Satara, Maharashtra 415108 E-Mail: dtp:phy@gmail.com

5) **Objective of the project:**

- i) To provide a novel herbal composition for enhancing milk production, fat and lactation period in cattle.
- ii) To maintain normal duration of an estrous cycle and helps cattle to conceive in time.
- iii) To develop a commercially viable composition to boost dairy farming in India.
- iv) To tackle the dairy farming problem for the betterment of mankind.