

NIRF Industry Based Project Details AY 2023-24

CSE

Sr. No.	Total No. of projects	No. of Industry Based Projects	Title of Industry Based Projects	Students Details	Guide Details	Name of Industry
1	Nil	Nil	Nil	Nil	Nil	Nil

Civil

Sr. No.	Total No. of projects	No. of Industry Based Projects	Title of Industry Based Projects	Students Details	Guide Details	Name of Industry
1	13	1	Application of Lean Engineering to Reduce cost of Building Construction	Ashish manikrao patil Digvijay jaykar Kadam Uday Arvind Desai	Prof. C. R. Shah	Sunil Patil & Associates, Islampur

Mechanical

Sr. No.	Total No. of projects	No. of Industry Based Projects	Title of Industry Based Projects	Students Details	Guide Details	Name of Industry
1	18	1	Design and Manufacturing fixture of bearing Housing	Adhik Dinkar Patil Prameod Sanjay Kesra Aniket Sunil Rakate Akash Dattatray Patik	Prof. S D Ghorpade	Yashodhan Industries Palus

ENTC

Sr. No.	Total No. of projects	No. of Industry Based Projects	Title of Industry Based Projects	Students Details	Guide Details	Name of Industry
1	14	1	IOT Based Health Monitoring with Alert System	Shehal Patil Muskan Mulla Kritika Hulke	Dr. Pankaj Jain	Sumit HealthTech Pvt. Ltd.

Electrical

Sr. No.	Total No. of projects	No. of Industry Based Projects	Title of Industry Based Projects	Students Details	Guide Details	Name of Industry
1	15	1	Design & Development of IOT based Welding Fumes Monitoring & Controlling Device	1. Aftab Ismail Inamdar 2. Aditya Ramchandra Koravi 3.Santosh Shrikant Maigaur	Ms. N. S. Mulla	M/s OM ENGINEERING WORKS, Kupwad, Sangli. Mob. 8087031001



M/S. YASHODHAN INDUSTRIES, PALUS

Address: Plot No. 116 & 117, M.I.D.C., Palus
Contact: 9890176011
Email: adminyashodhan@yashodhanind.com

Ref: 2024/ 01 / 13

Date: 04th Oct 2023

Sponsorship for Project

To,
HOD, Mechanical Engg.,
NMCOE, Peth.

Subject : Regarding Sponsorship letter of Project

Respected Sir,

Following students from your department doing project in our organization. They are working on project on "DESIGN AND MANUFACTURING FIXTURE OF BEARING HOUSING".

Sr. No.	Student Name
1	Adhik Dinkar Patil
2	Pramod Sanjay Kesare
3	Aniket Sunil Rakate
4	Akash Dattatray Patil

The above students are from Btech Mechanical Engineering program. The above mentioned project is sponsored by our organization & the project presentation whenever necessary for the students for academic purpose of project data would be resubmitted to our organization. We hope that the knowledge gained working on this project will be maximum benefits to students.

Best Wishes.

Proprietor •
Yashodhan Industries, Palus

6.2) FUTURE SCOPE FOR WORK

Bill of material is prepared are given below :

9	Bolt	3	EN8
8	Nut	3	EN8
7	Spacer	8	EN8
6	Pin	2	EN8
5	Locator	2	EN8
4	Clamp	1	EN8
3	Washer	3	EN8
2	C clamp	2	EN8
1	Base Plate	1	EN8
Sr. No.	Description	Quantity	Material

6.3) COST

- Rs. 200/ - Nut & Bolts
- Rs. 3800/ - Material of Fixture
- Rs. 2000/ - Grinding of Plate & Spacer
- Rs. 3200/ - VMC Machining of Fixture
- Rs. 2000/ - VMC Machining of Component
- Rs. 800/ - Assembly of Fixture

Total - Rs. 12000/-

SPONSORSHIP LETTER:



M/s. OM ENGINEERING WORKS

Shivnerinagar, Behind Ganesh Temple, Kupwad, Sangli 416 436

Mob:- 8087031001.

Email- omenggworks6442@gmail.com

Ref No:- OEW/SL/22-23/03

Date: -

Sponsorship Letter

To,
Concerned Authority,
Department of electronics and
Telecommunication.

This is to certify that, following students from Nanasaheb Mahadik College Of Engineering,Peth are working on project titled.(Design And Development Of IOT Based Welding Fumes Monitoring And Controlling Device.)

Hereby we have provided all technical sponsorship and guidance to them.

STUDENT NAME

Mr. Aftab Ismail Inamdar.
Mr. Aditya Ramchandra Koravi.
Mr. Santosh Shrikant Maigur.
Mr. Shivaji Aandrao Padalkar.
Mr. Prajwal Dilip Khot.
Mr.Shreyash Ramesh Karande.

Place: - Sangli

Date: - March, 2024.

Thanking you,

Yours faithfully

For Om Engineering Works

Proprietor

3.3 Ratings And Budget Of Components:

Sr.No.	Components	Ratings	Quantity	Price
1	ESP	5V	1	650
2	CO ₂ Sensor	12V	2	750
3	Relay module	5V	1	250
4	Air pump	230V	1	3500
5	Air filter 1	-	1	2500
6	Air filter 2	-	1	2750
7	Air filter 3	-	1	3180
8	MS body	-	1	5000
9	Pipe	-	1	350
10	Exhaust Pipe	-	1	550
11	SMPS	INPUT- 12V OUTPUT- 5V	1	1650
12	Wires	-	1	600
13	Acrylic	-	1	1270

23000/-

Table 1.2 : Rating And Budget Of Components

Date – 13/10/2023

To,
Head, Department of civil Engineering,
NMCOE, Peth

Sub: Regarding sponsorship letter of project


Dear Sir,

following students from your department doing project in our organization. They are working on project “**Application of Lean Engineering to Reduce cost of Building Construction**”.

Sr. No.	Name of student
1	Ashish Manikrao Patil
2	Digvijay Jaykar Kadam
3	Uday Arvind Desai

The above students are from B. Tech. Civil Engineering program. The above mentioned project is sponsored by our organization and the project presentation whenever necessary for the students for academic purpose of project data would be resubmitted to our organization. We hope that, the knowledge gained working on this project will be maximum benefits to students.

Thanking you.


SUNIL R. PATIL
ENGINEERS & CONTRACTORS
2430, ISLAMPUR

Name of Project: Application of Lean Engineering to Reduce cost of Building Construction

Name of Students:

Sr. No.	Name of student
1	Ashish Manikrao Patil
2	Digvijay Jaykar Kadam
3	Uday Arvind Desai

Details of Materials provided by company:

Sr. No.	Name of Material	Quantity	Cost	Total Amount
1	Burnt Clay Brick	10 Nos.	Rs.7/-	700/-
2	Cement	1 bag	Rs.380/-	Rs.380/-
3	Aggergate	0.1 Cu. M.	Rs. 7500/-	Rs.750/-
4	Tiles	20 Sq.M.	Rs.35/-	Rs.700/-
5	Admixture	5 bags	Rs.240/-	Rs.1200/-
6	Steel	0.1 tonne	Rs.1300/-	Rs.130/-
Total				Rs.3860/-

Sumit Healthtech Pvt. Ltd.

CIN no – U74999CT2020PTC009934, PAN no – ABDCS3468D, TAN no – JBPS15176A

Date: 25th Dec 23

Heartfelt Gratitude for Your Mentorship, Mr. Pankaj Jain

Dear Mr. Pankaj Jain,

I hope you're well. On behalf of **Sumit Healthtech**, I'd like to express our heartfelt appreciation for your tremendous mentorship and assistance along our journey to establish our healthcare platform.

Your expertise in artificial intelligence and machine learning has been a guiding light for us as we negotiate the difficulties of disease prediction in its early stages. Your effort to supporting and directing us with your AI/ML skills has helped shape the vision and capabilities of our platform.

Recognizing the critical importance of healthcare advancements, we are impressed by the dedication and ingenuity displayed by your students in addressing challenges within this sector. To support your efforts, we are pleased to provide a sponsorship of INR 10,000 as an initial investment to aid the development and implementation of your IoT-based health monitoring and alert system project.

Furthermore, if their work progress to the stage of being introduced or implemented successfully, we are committed to providing incubation support to help scale and refine the solution. This additional support will include access to resources, mentorship, and potential infrastructure to accelerate the growth and impact of your innovation.

We wish you the greatest success with your project and look forward to witnessing its accomplishments. Thank you again, Mr. Pankaj Jain, for your persistent support, encouragement, and competence. We look forward to continuing our journey under your great guidance.

With sincere gratitude,
Ravindra Singh Kshatri, Director- Sumit Healthtech



✉ info@jivandeep.org

🌐 www.jivandeep.org

📍 36 Inc, 3rd Floor, City Centre Mall, Pandri
Raipur, Chhattisgarh- 492 005

☎ 91111-01235

IoT Based Health Monitoring with Alert System

Project Cost:

Component	Approximate Cost (INR)
16x2 OLED Display	₹299
NTC Temperature Sensor	₹150
NodeMCU (ESP8266)	₹425
MAX30102 Sensor (Pulse Oximeter)	₹253.39
Miscellaneous Items(Soldering iron, PCBs, wires, etc)	₹1500
	<hr/>
	2627