



YANTRIKA SAMBAD

VOLUME IV, ISSUE I

SUMMER 2022

CONTENTS:-

Seminar Talk	2
Alumni Meet	1
Skill Up-gradation Training	1
Technical Webinar	1
Career Counseling	1

PEOs of the Department-

1. To apply the knowledge of mechanical Engineering and concept of basic science for analyzing different problems in industry and society.
2. To enhance creativity for designing of Mechanical components in imparting knowledge and skills for analyzing, testing and implementing various components of Mechanical Engineering.

VISION OF MECHANICAL ENGINEERING DEPARTMENT:-

To provide excellence in knowledge and enhance the problem-solving capabilities of students in the field of Mechanical Engineering by nurturing them to be ready for industry needs recognized as innovative leaders and responsible citizens to improve the environment through technological excellence and skill up graduation.



MISSION OF MECHANICAL ENGINEERING DEPARTMENT:-

1. To prepare the students with strong fundamental concepts, analytical capability and problem-solving skill in the field of Mechanical Engineering.
2. To improve department industry collaboration through internship program and interaction with professional societies.
3. To make the students ready for industry by enhancing their employability through skill upgradation and make them ready for entrepreneurship/higher studies in the field of mechanical engineering.

PRINCIPAL'S MESSAGE...

Mindful of our heritage as a nation that is revered for its ideal "Guru-Shishya" relationship. We, at G.P. SAMBALPUR are conscious of our responsibility and the trust placed in us by our parent and student community. Here, at G.P.SAMBALPUR, we strive to create a stimulating, inclusive environment for every student by promoting curiosity over compliance and questioning over quiet. Our aim is to empower our students to become global citizens by providing them a roadmap to opportunity for a better life through developing their potential. It gives me immense pleasure to note that response to this newsletter of our mechanical department "YANTRIKA SAMBAD" has been overwhelming. The wide spectrum of articles in different sections gives me a sense of pride that our students and faculties possess creative potential and original thinking in ample measures.



Sri Sudhansu Ray
Principal. G.P..

HOD'S MESSAGE



I applaud the contributors for their stimulated thoughts and varied hues in articles contributed by them. Commendable job has also been done by the Editorial Board in planning for and producing the Newsletter. My congratulations to the team, who took the responsibility for the laborious task most effectively. I am hopeful that this small piece of technical cum motivational work shall not only develop the taste for reading among students but also develop a sense of belonging to the institution as well.

Smt. Prity Aniva Xess
Sr. Lecturer Mechanical

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FEW LINES FROM THE EDITORIAL BOARD....

Greetings!!! It is indeed another milestone Govt. Polytechnic, Sambalpur. "The **Yantrikaa Sambad**" an exclusive newsletter of Department of Mechanical Engg will add one more feather with new dimensions of learning for the student community. It will definitely help to showcase the activities that are happening in the department. We are very much thankful to all concerned who provided data and relevant images for publication in this news letter. We are also very grateful to our Principal Sir for his valuable support and encouragement. We would like to thank all of those who provided the authentic data.

PSO-1

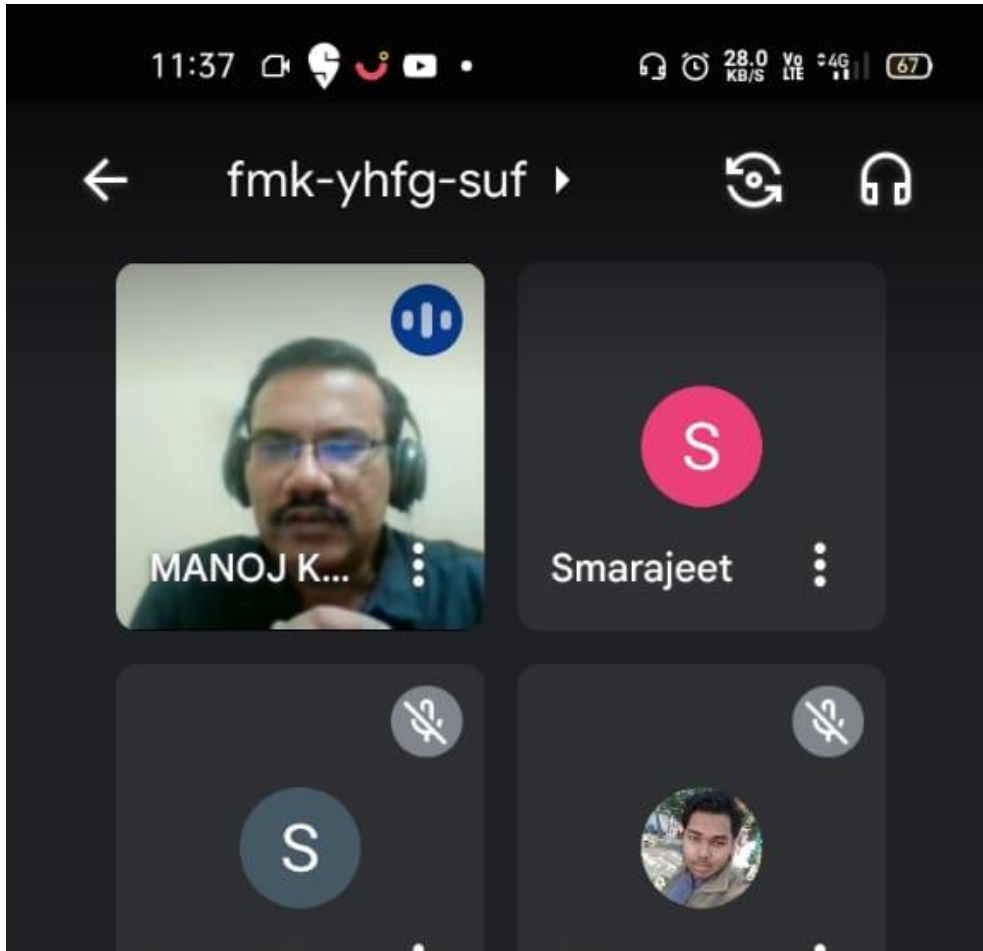
To apply basic principles of Mechanical Engineering in identifying ,analyzing and solving different Mechanical Engineering Problems.

PSO-2

Ability to build the nation by imparting technological inputs and managerial skills to become technocrats and entrepreneurs.



Seminar Talks conducted in our institute to augment the technical knowledge of students on 28.04.2022 & 29.04.2022 by the Subject Experts



Online Webinar Talk conducted by **Prof. Manoj Mahapatra** (Sr. Assistant Professor, Silicon Institute of Technology, Sambalpur) on topic **“Heating Ventilation and Air Conditioning”** for 4th and 6th Semester Mechanical Engineering students on dated 28.04.2022.

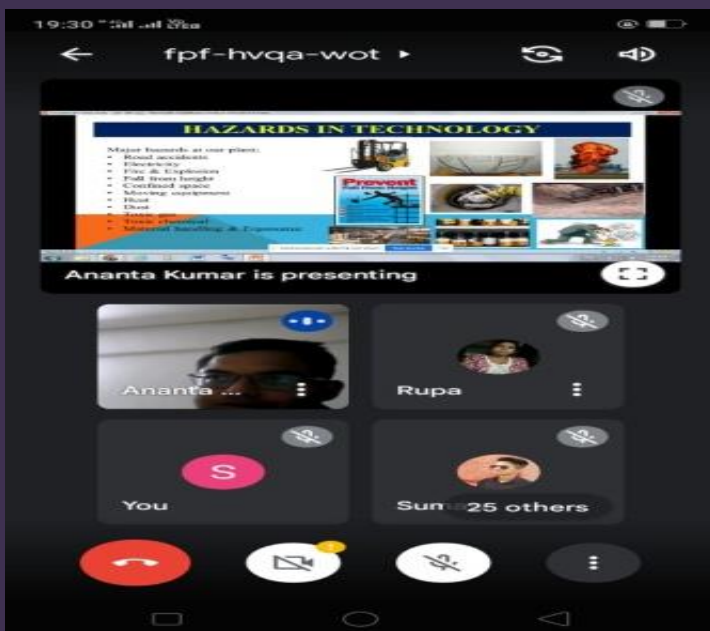


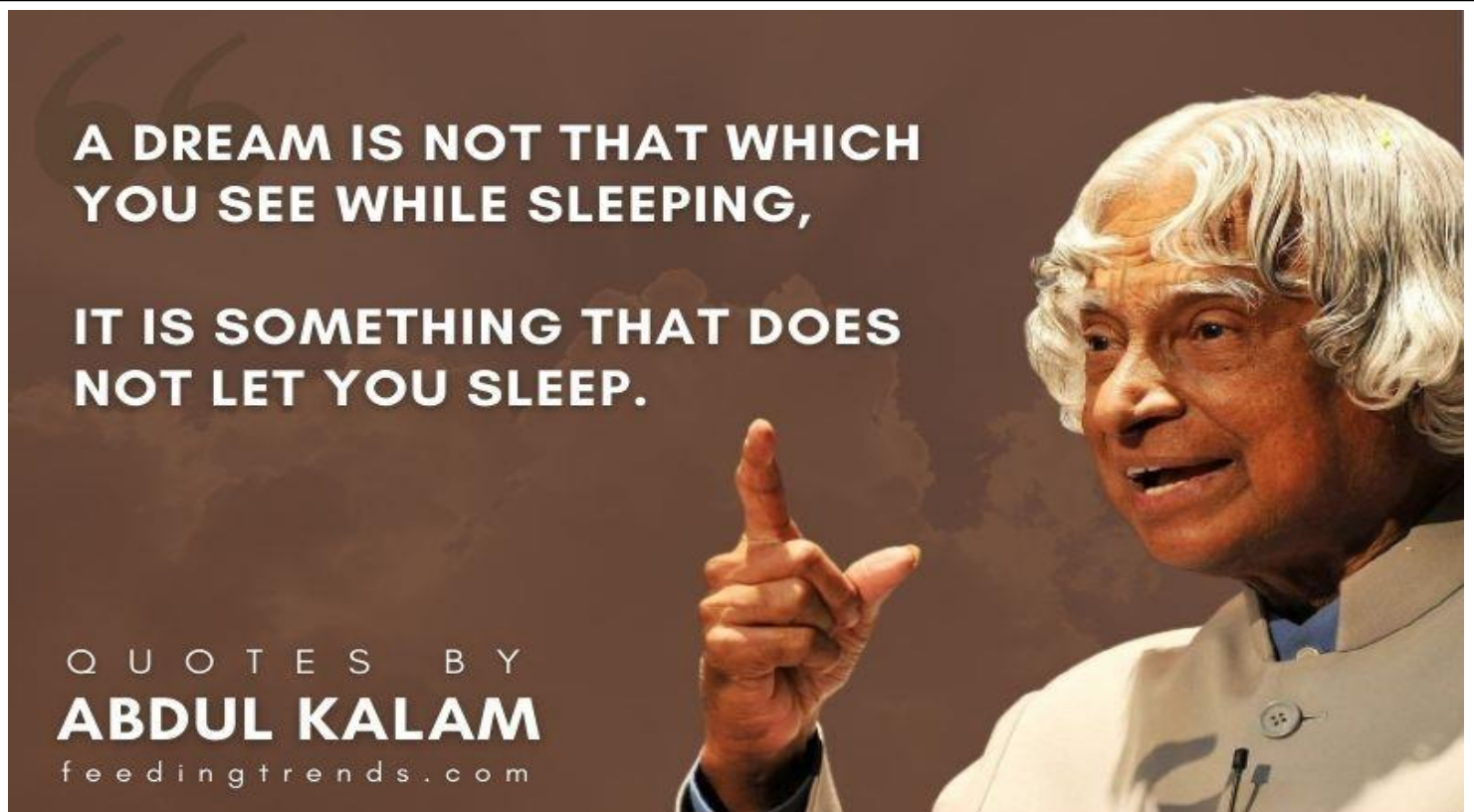
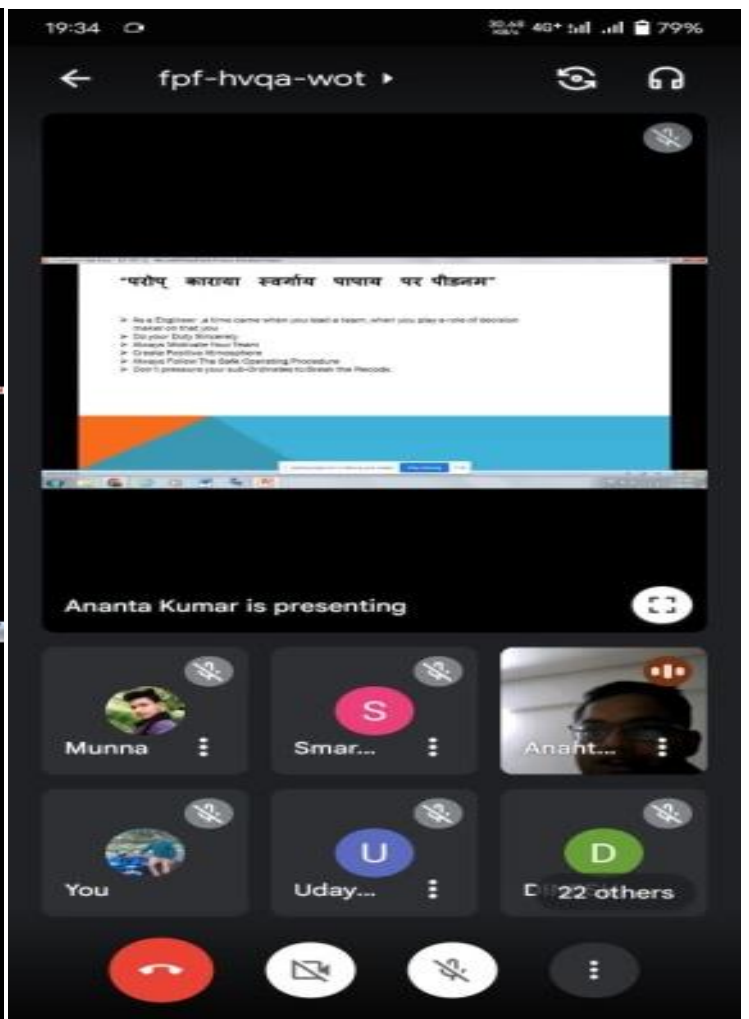
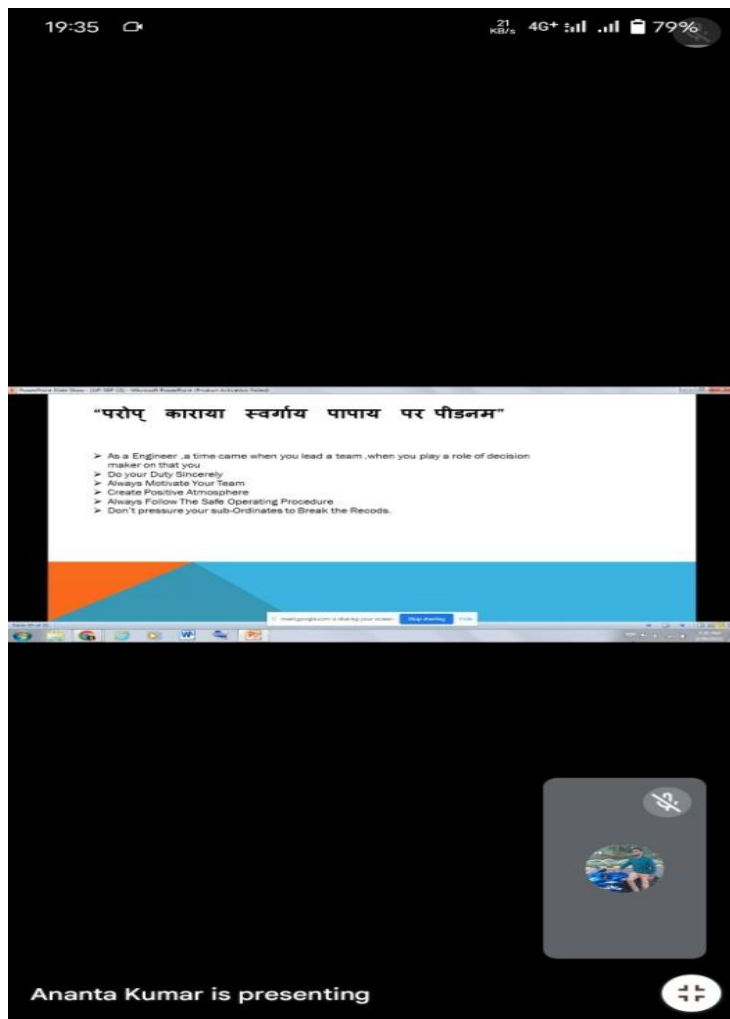
Study visit of 6th Sem Summer-2022 Mechanical Engineering students on 16.04.2022 to **Odisha Hydro Power Corporation Ltd., Chiplima, Sambalpur.**

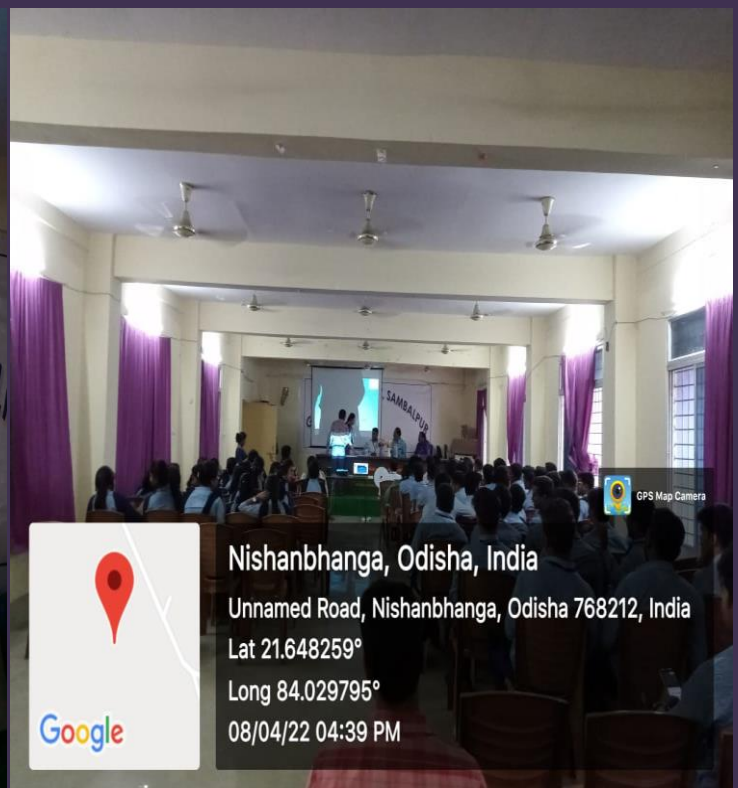
Skill Up-gradation Training Program for Final Year **MECHANICAL ENGINEERING** students at **SILICON INSTITUTE OF TECHNOLOGY, SAMBALPUR**



A Technical Webinar on “Use of Technology in a Safe way- A service to Humanity” delivered by **Shri. Ananta Kumar Nayak, Asst. Manager (EHS), Viraj Profile Limited, Mumbai** on 30.03.2022







Career Counseling for final year Mechanical Engineering students at Govt. Polytechnic, Sambalpur conducted by Silicon Institute of Technology, Sambalpur on 08.04.2023.

PASS PERCENTAGE IN SUMMER 2022 EXAM OF MECHANICAL ENGG

SEM	APPEARED	PASS	PASS PERCENTAGE
6 TH SEM	54	33	61.11
4 TH SEM	49	23	46.93
2 ND SEM	46	05	10

TOPPERS OF THE MECHANICAL ENGG DEPARTMENT

SEM	NAME OF THE STUDENT	REGD NO	PERCENTAGE OF MARK
6 TH SEM	SAGAR KUMAR MAHANTA	F19116004043	90.93
4 TH SEM	PARESH MEHER	F20116004035	82.8
2 ND SEM	SHRABAN KUMAR BEHERA	F21116004055	85.33

Placement of students passed out in academic session 2021-22

SL.No.	Student Name	Enrollment No.	Employee Name
1	Pawan Kumar Gupta	F1901160040	TRL Kosaki
2	Bhabani Shankar Acharya	F190116004010	Mando Automotive India Pvt. Ltd.
3	Himanshu Sekhar Mohanta	F190116001017	Mando Automotive India Pvt. Ltd.
4	Rajat Kumar Behera	F19116004037	Mando Automotive India Pvt. Ltd
5	Soumyajit Tripathy	F191160040	Renew Power
6	Abhishek Panda	F19116004001	Renew Power
7	Pratima Nayak	F19116004032	Wistron Infocom Manufacturing PVT LTD