

# NEWSLETTER

OCT, NOV, DEC 2024

<https://me.spcpk.org>

GARTECH Equipments Private Limited was founded in 2001 for the development and production of automated poultry that specializes in manufacturing poultry housing equipment, and automation systems like feed distribution, egg, manure handling, and ventilation systems for poultry farms worldwide. Since from beginning, With more than 2000 installations and 500+ satisfied customers.

## CAMPUS PLACEMENT DRIVE



**GARTECH  
EQUIPMENTS**

### CAMPUS PLACEMENT DRIVE CONDUCTED BY GARTECH EQUIPMENTS

Date :- 19/10/2024



**SMT. PREMALATAI CHAVAN POLYTECHNIC, KARAD**

**DEPARTMENT OF MECHANICAL ENGINEERING**

# **PUBLICATIONS**

OCT, NOV, DEC 2024

<https://me.spcpk.org>

**PAPER PUBLISHED IN INTERNATIONAL JOURNAL OF  
INNOVATIVE RESEARCH IN TECHNOLOGY**

**COMPARATIVE STUDY OF HARMONIC RESPONSE OF DEEP GROOVE  
BALL BEARING 6206 WITH TWO AND THREE SURFACE-DEFECTS**

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## **Comparative Study of Harmonic Response of Deep Groove Ball Bearing 6206 with Two and Three Surface- Defects**

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### **ABSTRACT:**

VIBRATION IS ONE OF THE MAJOR PARAMETERS TO CONSIDER IN MONITORING HEALTH OF ROTATING SYSTEM. IF AN UNDETECTED FAULT IS REMAINS IN THE ROTATING SYSTEM, IT MAY RESULT IN BREAK-DOWN, HUGE DAMAGE, PHYSICAL INJURY, OR EVEN CAUSE DEATH, THEREFORE EARLY FAULT IDENTIFICATION IS A CRITICAL FACTOR IN ENSURING AND EXTENDING THE WORKING LIFE OF THE ROTATING SYSTEMS. BEARINGS ARE THE MOST CRITICAL COMPONENTS OF ANY ROTATING SYSTEM. VARIOUS SORTS OF VIBRATIONS OCCUR IN A ROTOR'S MECHANICAL SYSTEM DURING OPERATION, WHICH FREQUENTLY LIMITS PERFORMANCE AND ENDANGERS THE OPERATION'S SAFETY.

# GREEN CLUB

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The Green Club activity focuses on promoting environmental awareness and sustainability. Members engage in various initiatives such as tree planting, waste management, and organizing awareness campaigns. These activities aim to educate and encourage the community to adopt eco-friendly practices, fostering a greener, cleaner, and more sustainable environment.

## GREEN CLUB WORKSHOP

### GREEN CLUB WORKSHOP

Date :- 15/10/2024



# INDUSTRIAL VISIT

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<https://me.spcpk.org>

A visit to Gokhale Bakelites is a fascinating journey into the world of industrial innovation and craftsmanship. Known for its expertise in producing high-quality Bakelite products, the company offers an insightful look at the manufacturing process of this early form of plastic. The experience is both educational and inspiring, offering visitors a rare glimpse into a key part of the industrial heritage that has shaped much of today's material science.

## GOKHALE BAKELITES

### VISIT TO GOKHALE BAKELITES

Date :- 06/11/2024

