

USHARAMA COLLEGE OF ENGINEERING AND TECHNOLOGY (A)

TELAPROLU, VIJAYAWADA

DEPARTMENT OF MECHANICAL ENGINEERING

2nd YEAR INDUSTRIAL VISIT REPORT

Name of the industry: **Kusalava International Ltd, Telaprolu.**

Date of visit: 21-02-2023

Number of students visited: 26

Year: II-B.Tech

Faculty assisted: Dr.V.Ajay Kumar and Dr.B.Kiran Babu

Started in 1964 as a small foundry under the visionary leadership of Mr. Kusalava (chairman), today kusalava international ltd has transformed itself into a truly professional organization with revenues close to 25 million USD. Kusalava international is one of the leading manufacturers of critical engine parts, supplying to major OEM's in India. Kusalava international also has a dominating presence in the market, its products are marketed under the brand name tiger power, and currently tiger power possesses a market share of 35% in India and 30% in USA. To improve the fuel efficiency and adhere to latest euro norms automobile manufacturers are shifting towards aluminum engines. To improve rigidity and high thermal conductivity properties of engine blocks, kusalava has developed different specifications of cylinder liners that have high adherence to aluminum blocks at the time of die casting by controlling the coarseness of the outer casting surface with the special coating materials and in-process controls.

