

### Ph.D. Viva-Voce Examination Report

<b>Name of the Scholar</b>	Mr.Rabindra Kumar Mishra
<b>Registration No</b>	19SPHEC037
<b>Name of Department:</b>	Electronics and Communication Engineering
<b>School:</b>	School of Engineering and Technology
<b>Title of Thesis:</b>	Intelligent System Design for Boiler Efficiency Enhancement in Thermal Power Plants Through Waste Heat Re-Utilization
<b>Supervisor</b>	Dr. Ajit Kumar Patro Assistant Professor Dept. of Electronics and Communication Engineering, School of Engineering & Technology GIET University Gunupur
<b>CO- Supervisor</b>	Dr. Nalini Kumar Barpanda Professor, Department of Electronics, SUIIT, Sambalpur University, Odisha
<b>DRC Chairman</b>	Dr. Bibhu Prasad Assistant Professor& HoD, Dept. of Electronics and Communication Engineering, School of Engineering & Technology GIET University Gunupur
<b>DRC Member 1</b>	Dr.Priyadarsan Parida Associate Professor, Dept. of Electronics and Communication Engineering. School of Engineering & Technology GIET University Gunupur
<b>DRC Member 2</b>	Dr. Kalicharan Rath Associate Professor, Dept. of Mechanical Engineering School of Engineering & Technology GIET University Gunupur
<b>External Examiner</b>	Dr. (Mrs.) Ashima Rout Associate Professor, Electronics and Telecommunication Engineering, IGIT, Sarang, Odisha
<b>Status</b>	Recommended to Award the degree
<b>Date</b>	29/12/2025
<b>Number of offline attendee</b>	17
<b>Number of online attendee</b>	23







Ph.D. Viva-Voce

on

**Intelligent System Design for Boiler Efficiency Enhancement in Thermal Power Plants through Waste Heat Re-utilization**

by

**Rabindra Kumar Mishra**

Ph.D. Scholar  
Registration No. 19SPH/C037  
Department of I.T.  
Engineering and Technology  
OJSA University, Ganapuri  
Date: 29/12/2025

Esteemed Supervision by

**Mini Kanta Barpanda**

Professor  
Supervisor  
Electronics  
University

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Administrative Block, Giet Rd, Rayagada,  
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Intelligent System Design for Boiler Efficiency Enhancement in Thermal Power Plants through Waste Heat Re-utilization  
By  
**Rabindra Kumar Mishra**  
Ph.D. Scholar  
Registration No. JSPHDC07  
Department of EEE  
School of Engineering and Technology  
JGU University, Gurgaon  
Date: 29/12/2025  
Under the Esteemed Supervision of  
**Kanta Barpanda**  
Professor  
Department of Electronics  
JGU University

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Gunupur, Odisha 765022, India

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