

## Department of Metallurgical Engineering Quarterly Report (January to March – 2024)

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### 1. Students' Placement

- (i) B. Tech VIII semester students **Ms. Arzoo Patel, Ms. Khusboo Kumari, Ms. Anusuya and Ms. Sanjana** selected in **JSW drive**.
- (ii) B. Tech VIII semester student **Mr. Tapabrata Das** selected in **AM/NS drive**.
- (iii) B. Tech VIII semester students **Mr. Alok Pratap and Mr. Vedaj Patel** selected in **JSW steel as GET**.
- (iv) B. Tech VIII semester students **Mr. Subhadip Bhattacharjee and Mr. Shubham Bobade** selected in **Tekor Minerals Private Limited**
- (v) B. Tech VIII semester students **Mr. Saurabh Komti and Mr. Pratik Raju** selected in **UNO Minda**.
- (vi) M. Tech (2021-2023) batch student **Mr. Sidharth Kumar Mishra** selected in **MSP Steel**.

### 2. Faculties Achievements

- (i) **Prof. Neeraj Kumar Verma (Associate Professor)** nominated as reviewer for "ACS Applied Nano Materials".
- (ii) **Dr. Prasenjit Biswas (Assistant Professor)** received 2nd Runner Up prize in Open Badminton Tournament (Men's Doubles) on February 15, 2024 at JSP Raigarh.

### 3. Students Achievements

- (i) **B.Tech VIII semester students Mr. Swastibrata Banerjee (AIR 265), Mr. Ujjwal Kesharwani (AIR 389) and Mr. Jitesh Sahu (AIR 435) qualified GATE 2024.**
- (ii) **B.Tech VIII semester student Mr. Vedaj Patel** received **Academic Excellence award** for securing first position in his class of year 2022-2023.
- (iii) **B.Tech VIII semester student Mr. Vedaj Patel** secured **Best Student Facilitator (Boy)** position for the academic year 2022-2023.
- (iv) **B.Tech VIII semester student Ms. Ansuiya P** secured **Best Student Facilitator (Girl)** position for the academic year 2022-2023.
- (v) **B.Tech IV semester students Ms. Purna Dwivedi, Ms. Sejal Tandekar and Mr. Julfikar Ahemad** won first consolation prize on Tech Lab Event of Technorollix 2024 at OPJU, Raigarh.

- (vi) Mr. Sakir Ali B.Tech 6<sup>th</sup> semester, Mr. Subham Bhoi B.Tech 4<sup>th</sup> semester, Mr. Samir Kumar Bal M.Tech 4<sup>th</sup> semester and Mr. Ritesh Kumar Yadav Diploma 6<sup>th</sup> semester received Academic Excellence award for securing first position in his class.
- (vi) **Mr. Pradip Kumar Patra (Ph.D student)** successfully defended his Ph.D viva voce entitled “**Development of a hot rolled ultra-high strength steel with YS > 700 MPa through CSP route**” on March 12, 2024 at OPJU, Raigarh under Supervision of Dr. Rajesh Jha & Dr. Ashok Kumar Srivastava.

#### 4. Knowledge Imparted

- (i) **Dr. Guru Prakash (Associate Professor)** invited as Guest Speaker and delivered a talk on “Overview of Iron and Steel Making” on February 09, 2024 in online mode at Utkalmani Gopabandhu Institute of Engineering, Rourkela organized by Dr. S. Das, Professor and Head Metallurgical Engineering and Dr. Rakesh Nayak, Head Computer Science and Engineering.

#### 5. Events and Activities

- (i) Department of Metallurgical Engineering have initiated the **Introduction to Stainless Steel** classes offered by **Jindal Stainless Ltd. (JSL)**. The course is a part of B. Tech 8<sup>th</sup> sem curriculum and is designed to aware the latest technologies and innovations in the Stainless-Steel making. OPJU is the first private university which has initiated such industrial courses and has been included in the curriculum since 2018. The course is taught by eminent faculty from IITs and experts from the industry.
- (ii) The Department of Metallurgical Engineering conducted an interactive session on January 03, 2024, at 7:00 PM as a part of **Pre-Placement Training**, and provided the technical information, clarified the queries to the current 2024 B. Tech students, and for the PI round of **JSW Drive**.
- (iii) The Department of Metallurgical Engineering conducted an interactive session with Alumni working in AMNS and by Dr. S. Das (HOD-Metallurgy) on January 11, 2024, as a part of **Pre-Placement Training**, and provided the technical information, clarified the queries for the PI round of **AMNS Drive**.
- (iv) **B. Tech (4<sup>th</sup> and 6<sup>th</sup> sem)** students celebrated **National Voters Day on January 25, 2024**, under the National Service Scheme.

- (v) **B. Tech (6<sup>th</sup> and 8<sup>th</sup> sem)** students conducted outreach and **AICTE-NSS activity at Ektaal on February 22, 2024**. The activity was coordinated by **Dr. Deepak Patel (Assistant Professor)** and **Mr. Hrishikesh Shastri (Scientific Officer)**.
- (vi) Department conducted **Faculty Development Program on "Iron and Steel Processing: Recent Advancements, Innovations, and Future Prospects"** in online mode from 4th March to 8th March, 2024. More than 450 participants registered for the FDP program and the program was partially sponsored by Scarlet Alloy Wire, Kolkata.
- (vii) **Society of Metallurgical Engineers (SME)**, Department of Metallurgy, OPJU conducted an online 'Technical Talk' entitled **"Novel heat treatment to improve temper embrittlement resistance of martensitic stainless steel"** delivered by Dr. Kirtiratan Godbole, Assistant Professor, MNIT-Allahabad, U.P. on March 26, 2024.

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