

Met4-14/9/2024-Metal IV
Government of India
Ministry of Mines

New Delhi, Dated: 21st June, 2024

To

The Director,
Jawaharlal Nehru Aluminium Research Development and Design Centre
(JNARDDC)
Nagpur, Maharashtra

Subject:- Administrative Approval for the projects approved in the 2nd Apex Committee Meeting held on 19.06.2024 under the chairmanship of Secretary (Mines) under S&T-PRISM Component of Science and Technology Programme of Ministry of Mines

Sir,

I am directed to convey the approval of the President for implementation of the following projects of Startup/MSME through Jawaharlal Nehru Aluminium Research Development and Design Centre (JNARDDC), Nagpur, an autonomous body of Ministry of Mines, being the implementing agency under S&T-PRISM Component of Science and Technology Programme of Ministry of Mines:

S.N.	Project Title	Startup / MSME Name	Project Cost (M/o- Mines contribution)	Duration
1	Setting up of a 5 TPD (ton per day) CFA (Coal Fly-ash) Processing Plant to extract high-purity fumed Silica (>99.9%) and Aluminium fluoride (>98%)	Sakshi Chem Sciences Pvt Ltd, Nagpur, Maharashtra	₹ 200 Lakhs	18 months
2	Real-time Continuous Temperature Measurement of Cryolite Bath using Ultrasonic Waveguide Technology	XYMA Analytics Pvt Ltd, Chennai, Tamil Nadu	₹ 37.5 Lakhs	12 months
3	Development of Red Mud Flocculants	Kimberlite Chemicals India Private Limited, Bengaluru, Karnataka	₹ 200 Lakhs	24 months
4	Recycled aluminum carbon fiber composite based high pressurized vessel	Greenewelly Pvt. Ltd, Bhubaneswar, Odisha	₹ 148.5 Lakhs	24 months

5	Artificial Intelligence (AI), Machine Learning (ML), and Neural Network (NN) software for exploration, prospecting, and appraisal of minerals and metals in the mineral and mining industries.	OGPEX Geoscience (OPC) Private Limited, Thane (W), Maharashtra	₹ 48 Lakhs	12 months
6	SCIN: A process to extract scandium oxide from red mud	Innocule Materials and Additives Private Limited, Bhubaneswar, Odisha	₹ 75 Lakhs	12 months
7	Artificial Intelligence System for Condition Based Monitoring of L1/L2/IBA data of Aluminium Plants' Equipment	Corrosion Intelligence Private Limited, New Delhi	₹ 156 Lakhs	18 months
8	Li(MnxFe _{1-x})PO ₄ Cathode Active Material Promising Material for future EV Application	Lohum Materials Private Limited, Delhi	₹ 140 Lakhs	24 months
9	Recovery of High-Grade Zinc Oxide from Zinc Ash by Hydrometallurgical Process	JAMP INDUSTRIES, Nagpur, Maharashtra	₹ 87 Lakhs	6 months
10	Universal electronic Detonator for sequential blasting	Relira Blastech, Itwari, Nagpur, Maharashtra	₹ 34.14 Lakhs	12 months

2. I am also directed to convey that the above ten start up projects will be funded through NMET Fund of Ministry of Mines. Accordingly, Financial sanction in respect of abovementioned 10 projects will be issued by NMET, Ministry of Mines.

3. This issues with the approval of competent authority.

Yours faithfully

Signed by Abhishek Kumar Upadhyaya

Date: 21-06-2024 21:04:52
(Abhishek Kumar Upadhyaya)

Under Secretary to the Govt. of India
Email: ak.upadhyaya@nic.in

Copy for information and further necessary action: -

1. PS to Hon'ble Minister of Mines
2. PS to Hon'ble Minister of State for Mines
3. NMET – with request to take necessary action for release of funds in respect of all the 10 projects as mentioned above. A copy of the Minutes of 2nd Apex Committee meeting held on 19.06.2024 are attached herewith.
4. NITI Aayog, NITI Bhawan, New Delhi-110001
5. PSO to Secretary (Mines)
6. PPS to Additional Secretary (Mines)
7. PPS to JS (FN)
8. PPS to JS&FA (Mines)
9. PPS to Dir (RPG)
10. Administrative approval / Sanction file.
11. Guard file.

