

Government of India  
Ministry of Mines  
Metal-4 Section

Minutes for 3<sup>rd</sup> Meeting of Apex Committee under S&T PRISM held on 02.01.2025, 12 noon at KhanijKaksh, Shastri Bhawan, New Delhi.

1. 3<sup>rd</sup> Meeting of Apex Committee under S&T PRISM held on 02.01.2025, 12 noon at KhanijKaksh, Shastri Bhawan, New Delhi under the chairmanship of Shri V. L. Kantha Rao, Secretary, Ministry of Mines. The list of participants is enclosed at Annexure-A.
2. At the outset, Shri Shakil Alam, EA (Mines) welcomed the participants to the 3<sup>rd</sup> Meeting of Apex Committee and briefed the agenda of the meeting.
3. Initiating the proceedings of the meeting, Dr. Anupam Agnihotri, Director, Jawaharlal Nehru Aluminium Research Development and Design Centre and Member Secretary, Apex Committee briefed about the evaluation process of the project proposals by Technical Expert Committee (TEC) before recommending these to the Apex Committee. He also appraised the committee regarding the action taken as per the suggestions made during 2<sup>nd</sup> Apex meeting as well as progress review of ongoing PRISM projects.
4. It was briefed that an announcement inviting proposals was published with last date 31<sup>st</sup> October 2024 and extended till 30<sup>th</sup> November 2024. A total of 130 proposals were received.
5. JNARDDC organized the TEC meeting, where TEC adopted a two-stage review process to evaluate the proposals for recommendation to Apex Committee. The first stage comprised of preliminary screening of the proposals based on adequacy of the requirements as per PRISM guidelines. A total of 74 proposals were invited for 2<sup>nd</sup> stage, physical presentation on 9<sup>th</sup> December 2024 at JNARDDC, Nagpur. Out of 74 proposals, 11 applicants did not appear for the presentation before TEC. TEC has recommended 22 proposals to Apex committee.
6. Thereafter, agenda items were taken up for discussion. The details of the discussion and the decisions taken on the project proposals and other agenda items are discussed in the following paras.
7. Agenda Item No. 1 - Consideration of proposals recommended by Technical Evaluation Committee (TEC)
  - 7.1. The Member Secretary made a detailed power point presentation on the proposals recommended by TEC before the Apex Committee.
  - 7.2. After detailed deliberations the Apex Committee

approved 11 project proposals for grants, deferred 7 proposals for further clarification or endorsements or opinions and 4 proposals were not approved.

7.3. JNARDDC will define the Milestones for the approved proposals and mention them in the Sanction order. The associated timelines for release of grant in 4 instalments as mentioned in the guidelines of S&T-PRISM will be communicated by JNARDDC to MoM and Project Lead.

7.4. Regarding the approved proposals, JNARDDC will also ensure that the amount to be spent by Startup/ MSME on items other than items being considered for release under S&T-PRISM shall not be less than 25% of the total expenditure and the Startup / MSME has the financial capability to meet these expenses.

7.5. The details of the 11 approved proposals are as given below

Application no.	P03-012	MSME	
Proposal Title	Processing of Indian Rock Phosphate to Produce High Quality Import Substitute Fertilizer		
Company Name & Address	Ishita International, Nagpur, Maharashtra		
Name of Project Lead	Rajib Chakraborty, Contact Details: 9934333233, rajib.c@ishitainternational.com		
Incubator	NA		
Advisor / Mentor	Dr. Suhas Buddhe, Advisor (mentoring startups at IIM Nagpur)		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	269	70	199
Duration of project (months)	24		
Apex committee remarks	<p><b>Approved</b></p> <p><b>MoM Contribution - ₹199 Lakhs</b></p> <p><b>Industry contribution - ₹70 Lakhs</b></p> <p>Applicant to co-ordinate with Indian Bureau of Mines, Nagpur for technical guidance and validations.</p>		

Application no.	P03-015	MSME	
Proposal	Production of High Pure Chromium Metal for Defence and		

Title	Aerospace Applications		
Company Name & Address	Regen Materials Pvt Ltd, Bhubaneswar, Odisha		
Name of Project Lead	Biswajit Das, Contact Details: 9437015895, regenchem@gmail.com		
Incubator	NA		
Advisor / Mentor	Dr. B.C. Mohanty -Ex-Chief scientist , CSIR-IMMT; Mr. R.C. Mittal _ex-MECON, NALCO; Mr. D.B. Mohanty -Ex-Hindustan copper, Hindustan Zinc; Mr. S. Patnaik - Ex-IREL		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	260	100	160
Duration of project (months)	21		
Apex committee remarks	<b>Approved</b> <b>MoM Contribution - ₹160 Lakhs</b> <b>Industry contribution - ₹100 Lakhs</b>		

Application no.	P03-033	STARTUP	
Proposal Title	Zinc Metal as Energy Storage: Mechanically Rechargeable Zinc-Air Batteries as Long-Duration Energy Storage for Grid Applications.		
Company Name & Address	Sthyr Energy Pvt Ltd, Chennai, Tamil Nadu		
Name of Project Lead	Gunjan Kapadia, Contact Details: 8485928985, gunjan@sthyrenergy.com		
Incubator	NA		
Advisor / Mentor	Prof Aravind Kumar Chandiran, IIT Madras; Mr Shaji John, Ohmium		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	329.80	134.20	195.60
Duration of project (months)	18		
Apex committee remarks	<b>Approved</b> <b>MoM Contribution - ₹195.60 Lakhs</b> <b>Industry contribution - ₹134.20Lakhs</b>		

Application no.	P03-040	STARTUP	
Proposal Title	Large Scale Production of Two-Dimensional $Ti_3C_2T_x$ MXene Nanomaterial from Industrial Waste for Advanced Applications		
Company Name & Address	Reseapro Labs Pvt Ltd, Bhubaneswar, Odisha		
Name of Project Lead	N Usha Kiran, Contact Details: 9040003008, usha.kiran@reseaprolabs.com		
Incubator	Innovative Technology Enabling Centre (InTEC), IMMT, Bhubaneswar		
Advisor / Mentor	Dr. Laxmidhar Besra, Chief Scientist & Head, MCD, CSIR-IMMT		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	194.60	42	152.60
Duration of project (months)	24		
Apex committee remarks	<b>Approved</b> <b>MoM Contribution - ₹152.60 Lakhs</b> <b>Industry contribution - ₹42 Lakhs</b>		

Application no.	P03-044	MSME	
Proposal Title	Manufacturing of Thermal Spray Powders and Sintered Tungsten Carbide Products		
Company Name & Address	PR & SE Carbides Pvt Ltd, Hyderabad, Telangana		
Name of Project Lead	Umesh Ghotikar, Contact Details: 9849022130, pr.secarbides@gmail.com		
Incubator	NA		
Advisor / Mentor	Dr. G Siva kumar, (ARCI Hyderabad);Dr. Y. P. SARADHY, PhD from IISc Bangalore		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	214	65.55	148.45
Duration of project (months)	18		
Apex committee remarks	<b>Approved</b> <b>MoM Contribution - ₹148.45 Lakhs</b>		

**Industry contribution - ₹65.55 Lakhs**

Application no.	P03-057	MSME	
Proposal Title	NdPr Metal Production through Molten Salt Electrolysis Technology		
Company Name & Address	PG Tech Pvt Ltd, Indore, Madhya Pradesh		
Name of Project Lead	Aditya Tiwari Contact Details: 7748888899, india@pgtech.in		
Incubator	NA		
Advisor / Mentor	AT Mathew (Retd. from HINDALCO), Ajay Patil (Helmholtz Institute Freiberg), Henry Hutcheson (Outokumpu)		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	133.00	33.25	99.75
Duration of project (months)	18		
Apex committee remarks	<p><b>Approved</b></p> <p><b>MoM Contribution - ₹99.75 Lakhs</b></p> <p><b>Industry contribution - ₹33.25 Lakhs</b></p> <p>Applicant to co-ordinate with NFTDC, Hyderabad for technical guidance and validations.</p>		

Application no.	P03-059	MSME	
Proposal Title	Solvent Extractants and Ion-Exchange Resin Chemicals for Strategic and Rare Earth Metal Recovery		
Company Name & Address	Polyprotic Chemicals Pvt Ltd, Vadodara, Gujarat		
Name of Project Lead	Rajesh Kumar Goyal, Contact Details: 7874801053, rajesh@polyprotic.com		
Incubator	Savli technology and business incubator, Vadodara, Gujarat		
Advisor / Mentor	Ramakant Sharma, COO Livspace & Alumni of IIT Kanpur/ ISB Hyderabad		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	162	42	120
Duration of project (months)	24		

Apex committee remarks	<b>Approved</b> <b>MoM Contribution - ₹120 Lakhs</b> <b>Industry contribution - ₹42 Lakhs</b>
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Application no.	P03-060	MSME	
Proposal Title	High Thermal Conducting Heat Exchanger and Heat Sink using Recycled Aluminium Composite		
Company Name & Address	Aayogh Engineering Pvt Ltd, Bhubaneswar, Odisha		
Name of Project Lead	Amiya Kumar Tripathy, Contact Details: 9437797190, aepl.research@gmail.com		
Incubator	NA		
Advisor / Mentor	Dr Suraj Kumar Tripathy, Dr Sankha Chakraborty, Dr Shirsendu Banerjee, KIIT University		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	237	87	150
Duration of project (months)	24		
Apex committee remarks	<b>Approved</b> <b>MoM Contribution - ₹150 Lakhs</b> <b>Industry contribution - ₹87 Lakhs</b>		

Application no.	P03-082	MSME	
Proposal Title	Highly Energy Efficient ElectroKompact System for Removal of Metal and High TDS from Mineral Industry Effluent to Achieve Zero Liquid Discharge		
Company Name & Address	Ecologique Science Technik (India) Pvt Ltd, Nagpur, Maharashtra		
Name of Project Lead	Dr. Pavan Kulkarni, Contact Details: 9146211713, pavankulkarni@estpl.co.in		
Incubator	NA		
Advisor / Mentor	Dr. Rajesh Biniwale, CSIR-NEERI		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	200	50	150
Duration of			

project (months)	20
Apex committee remarks	<b>Approved</b> <b>MoM Contribution - ₹150 Lakhs</b> <b>Industry contribution - ₹50 Lakhs</b>

Application no.	P03-116	MSME	
Proposal Title	Eco-friendly Innovation: Crafting High-Quality Silicon Dioxide from Quartzite		
Company Name & Address	Skanda Precision Design, Mysore, Karnataka		
Name of Project Lead	Dr. Satyanarayana MS, Contact Details: 6366425856, mpinm95@gmail.com		
Incubator	NA		
Advisor / Mentor	Dr. Sreenath PR, Investor		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	200	50	150
Duration of project (months)	24		
Apex committee remarks	<b>Approved</b> <b>MoM Contribution - ₹150 Lakhs</b> <b>Approved Industry contribution - ₹50 Lakhs</b>		

Application no.	P03-127	WOMAN ENTREPRENEUR	MSME
Proposal Title	Mineral Resource Estimation and AI-based Borehole Site Selection		
Company Name & Address	Zwilling Labs Pvt Ltd, Mumbai, Maharashtra		
Name of Project Lead	Dr. Deepashree Raje, Contact Details: 9920967337, deepashree.raje@zwillinglabs.ai		
Incubator	Society for Innovation and Entrepreneurship (SINE), IIT Bombay		
Advisor / Mentor	DrMakarand Bodas (Retd. DDG, GSI), DrKBala Subramanian (NFTDC)		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	127.06	35	92.06
Duration of project (months)	15		

Apex committee remarks	<p><b>Approved with modification in the budget</b></p> <p><b>MoM Contribution - ₹72.06 Lakhs</b></p> <p><b>Approved Industry contribution - ₹55 Lakhs</b></p>
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7.6. The details of the 7 deferred proposals are as given below

Application no.	P03-019	MSME	
Proposal Title	Scale up and Optimization of CO <sub>2</sub> Capture and Conversion System for Enhanced Methanol Production		
Company Name & Address	Aayogh Engineering Pvt Ltd, Bhubaneswar, Odisha		
Name of Project Lead	Madhu Sudan Panda, Contact Details: 7008906920, ms.panda@aayogh.in, aayoghengineering@gmail.com		
Incubator	NA		
Advisor / Mentor	Dr Suraj Kumar Tripathy, Dr Shirsendu Banerjee, Dr Sankha Chakraborty, KIIT University		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	215	55	160
Duration of project (months)	24		
Apex committee remarks	<p><b>Deferred.</b></p> <p>The proposal to be reviewed for its relevance to the mineral and metal industries, while also awaiting input from NITI Aayog to ensure it does not overlap with similar technologies already funded under their decarbonisation programs</p>		

Application no.	P03-020	STARTUP
Proposal Title	Dry Cell Recovery Facility (DCRF)	
Company Name & Address	Sorting Swans Eco Social Pvt Ltd, Pune, Maharashtra	



Name of Project Lead	Prasanna Chintamani Joshi, Contact Details: 9535610609, prasanna@sortingswans.com		
Incubator	Entrepreneurship Development Centre (Venture Centre), NCL Innovation Park, Pune		
Advisor / Mentor	Dr. Premnath Venugopalan, Founder Director at Venture Center; Dr Nikhil Dhawan, IIT Roorkee		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	60	12	48
Duration of project (months)	18		
Apex committee remarks	<p><b>Deferred.</b></p> <p>The proposal to be reviewed after obtaining clarification from CSIR-NML to ensure there is no overlap with any of their commercialized technology</p>		

Application no.	P03-023	STARTUP	
Proposal Title	Electrochemical Conversion of Captured CO <sub>2</sub> into Valuable Fuels, Chemicals and Polymers for Sustainable Manufacturing in the Mining and Metallurgical Industry Specifically for Copper and Aluminium Mining		
Company Name & Address	280 Carbon Systems Pvt Ltd, Mumbai, Maharashtra		
Name of Project Lead	Neville Patel, Contact Details: 9833911474, neville@280carbon.com		
Incubator	Sathyabama Technology Business Incubator, Chennai, Tamil Nadu		
Advisor / Mentor	Dr C N Murthy, The Maharaja Sayajirao University of Baroda; Graeme Grant, Alsym Energy (US); Dr. Prashant Puri, Deepak Fertilizers and Petrochemicals Corp. Ltd.		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	157	107	50
Duration of project (months)	22		
Apex committee remarks	<p><b>Deferred.</b></p> <p>The proposal to be reviewed for its relevance to the mineral and metal industries, while also awaiting input from NITI</p>		

Aayog to ensure it does not overlap with similar technologies already funded under their decarbonisation programs

Application no.	P03-046	STARTUP	
Proposal Title	Proposal for Certification, Field Trials, and Commercialization of IoT-Based Real-Time Tracking System (LoRaWAN/BLE) for Mining Safety and Efficiency		
Company Name & Address	Sparkyo Technology Pvt Ltd, Bangalore, Karnataka		
Name of Project Lead	Aman Agarwal, Contact Details: 9910670242, aman@syook.com		
Incubator	NASSCOM, Gandhinagar		
Advisor / Mentor	Dr Abdul Kalam, Ex CMD @ ECL - Eastern Coal Field		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	200	50	150
Duration of project (months)	6		
Apex committee remarks	<p><b>Deferred.</b></p> <p>The proposal to be reviewed by DGMS for their opinion on its relevance and the need for indigenous development within the country.</p>		

Application no.	P03-069	STARTUP	
Proposal Title	Aerostats for Mine Monitoring, Productivity Improvement & Mine Safety		
Company Name & Address	Susan Future Technologies Pvt Ltd, Vellore, Tamil Nadu		
Name of Project Lead	Suresh Kumar K, Contact Details: 9486675847, suresh@susanfuturetechnologies.com		
Incubator	IITM Incubation Cell, IIT Madras Research Park		
Advisor / Mentor	Prof P. V. Ramakrishna (Anna University), Mr. S. Kumaraswamy, Ex-CGM (Neyveli Lignite Corporation)		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	58.25	14.56	43.69

Duration of project (months)	18
Apex committee remarks	<b>Deferred.</b> The proposal to be reviewed by DGMS for their opinion on its relevance and the need for indigenous development within the country.

Application no.	P03-073	MSME	
Proposal Title	Extraction of Nickel and Vanadium from Chromite and Iron Ore Mine Waste for Establishing a 100 kg/hr Pilot Plant using the Combined Hydro-Pyro Process.		
Company Name & Address	Critical Mineral Trackers, Hyderabad, Telangana		
Name of Project Lead	Dr Y Satyanarayana, Contact Details: 8500975852, diretor@cmtgsc.ai		
Incubator	TECHNOLOGY RESEARCH PARK, IIT HYDERABAD		
Advisor / Mentor	Dr. K Rajeshwara Rao IAS		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	197	49.25	147.75
Duration of project (months)	24		
Apex committee remarks	<b>Deferred.</b> The proposal is deferred regarding submission of Proof of Concept.		

Application no.	P03-088	MSME
Proposal Title	Innovative Bio-Inspired Catalysts and Geochemical Solutions for Cost-Effective CO <sub>2</sub> Capture, Utilization, and Storage: Advancing India's 2030 Decarbonization Goals	
Company Name & Address	UrjanovaC Pvt Ltd, Mumbai, Maharashtra	
Name of Project	Prof. Vikram Vishal, 9619290150, drvikramvishal@gmail.com	

Lead			
Incubator	Society for Innovation and Entrepreneurship (SINE), IIT Bombay		
Advisor / Mentor	Dr Trilok Nath Singh, Director, IIT Patna; Dr Santanu Banerjee, Professor, IIT Bombay; Dr Sarada Pradhan, Professor IIT Roorkee		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	220	55	165
Duration of project (months)	12		
Apex committee remarks	<p><b>Deferred.</b></p> <p>The proposal to be reviewed for its relevance to the mineral and metal industries, while also awaiting input from NITI Aayog to ensure it does not overlap with similar technologies already funded under their decarbonisation programs</p>		

7.7. The details of the 4 proposals that were not approved are as given below

Application no.	P03-058	STARTUP	
Proposal Title	Ecofix - Processed Iron & Steel Slag Aggregate based Instant Road Repair Mix		
Company Name & Address	Ramuka Global Services LLP, Bangalore, Karnataka		
Name of Project Lead	Ms. Nidhi Kejriwal, Contact Details: 7899117192, nidhi.kejriwal@ramukaglobal.com		
Incubator	CSIR-CRRI, NEW DELHI		
Advisor / Mentor	Dr. Satish Pandey, Principal Scientist, CSIR-CRRI		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	304.16	304.16	200
Duration of project (months)	18		
Apex committee	<b>Not Approved</b>		

remarks	Product is already developed by applicant and being commercialised, the PRISM grant is requested to cover the previously incurred expenses
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Application no.	P03-072	MSME	
Proposal Title	Direct Lithium Iron Phosphate (LFP) Recycling and cathode Active Material Regeneration for Fast Charging EVs		
Company Name & Address	Lohum Materials Pvt Ltd, East Delhi, Delhi		
Name of Project Lead	Dr.Sachchidanand Srivastava, Contact Details: 9901697328, sachchidanand.srivastava@lohum.com		
Incubator	NA		
Advisor / Mentor	Syed Gazanfar Abbas Safvi, Head - Recycling		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	270	81	189
Duration of project (months)	24		
Apex committee remarks	<b>Not Approved.</b> The proposal is deferred till significant progress is demonstrated in the current ongoing LFP proposal.		

Application no.	P03-083	MSME	
Proposal Title	Design and Development of IOT Solution for Aluminium Extrusion Industry to Minimize Wastage and Recycling Cost.		
Company Name & Address	Infimetrics Info Solutions Pvt Ltd, Nagpur, Maharashtra		
Name of Project Lead	Sujata Awade, Contact Details: 9673192884, sujata.awade@infimetrics.com		
Incubator	NA		
Advisor / Mentor	Mr. Pravesh Bagadia, Falcon extrusion Pvt Ltd; Mr. Sandip Dharwekar, Beta Electronics Pvt Ltd		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	96.22	31.27	64.95
Duration of			

project (months)	14
Apex committee remarks	<b>Not approved</b> The proposal aligns with Industry 4.0 initiatives and could be eligible for funding through Industry 4.0 or IloTrelated funding programs offered by relevant departments in other ministries

Application no.	P03-089	STARTUP	
Proposal Title	IoT Enabled Advanced Safety and Communication System for Underground Mines		
Company Name & Address	Sentinal Innovations Pvt Ltd, Delhi		
Name of Project Lead	Dr Sachin Kansal, Contact Details: 9873153996, sachin.kansal@sentinal.in		
Incubator	Science and Technology Entrepreneur's Park, TIET, Patiala Punjab		
Advisor / Mentor	Dr Vikramjit Kakati, Expert in bio-mechanical engineering, sustainable design, UAVs, and product prototyping, with 16+ years of industry experience		
Proposed Budget (in ₹ Lakhs)	Total expenditure	Funds committed by applicant	Grant request from M/o Mines
	108.02	27.01	81.01
Duration of project (months)	12		
Apex committee remarks	<b>Not Approved</b> An advanced proposal on the similar lines has been considered.		

8. Agenda Item No. 2 – Consideration and approval of Technical Evaluation Committee’s (TEC) remarks for progress assessment of PRISM 1.0 and 2.0 funded projects.

8.1. The Apex Committee reviewed and approved the TEC remarks, authorizing the release of funds for ongoing projects sanctioned under the PRISM 1.0 and 2.0 schemes in accordance with TEC recommendations

8.2. The Chairman suggested creating success stories to be

showcased on the websites of JNARDDC and Ministry of Mines' for recognition and encouragement, which would also serve to enhance publicity of the PRISM program.

8.3. The Chairman proposed establishing a linkage between JAMP Industries, which produces zinc oxide from galvanizing waste, and Vedanta (Zinc) to help JAMP Industries access a market for their product. Mr. Amitesh Sinha (Vedanta) will facilitate connecting the relevant group from Vedanta with JAMP Industries.

9. Agenda Item No. 3 - Apart from above, following matters were discussed:

9.1. The Chairman recommended that JNARDDC identify projects of a similar nature awarded under the S&T R&D scheme and listed on the Manthan portal. If such projects are found, connections should be established to enhance the quality of work through shared results and findings. Additionally, this linkage could facilitate advancing the proposals to subsequent stages.

9.2. The Chairman suggested JNARDDC to prepare tutorials for PRISM proposal application process to help the prospective applicants

9.3. The Chairman suggested engaging with PSA and DST to obtain a comprehensive list of startups awarded under their initiatives. This list can be compared with ongoing and new PRISM proposals to identify overlaps and establish connections for mutual benefit.

9.4. The Chairman also recommended obtaining a list of incubators registered with DPIIT under the Startup India mission and sharing details of the PRISM call with them during future proposal calls. This approach aims to enhance the program's visibility, ensuring that more deserving startups and MSMEs can benefit from this initiative.

9.5. The Chairman recommended preparing a plan for the 2025 call for proposals and submitting it to his office for review and approval.

9.6. The Chairman recommended including DG-CSIR in the APEX Committee for future meetings.

9.7. The Chairman suggested to include PRISM application process in Satyabhama Portal

List of participants of 3<sup>rd</sup> Apex Committee meeting held on 2<sup>nd</sup> January, 2024

S. No.	Name	Designation	Organization
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1	Shri V. L. Kantha Rao	Secretary (Mines) / Chairman	Ministry of Mines / Apex Committee
2	Ms Nirupama Kotru	Joint Secretary and Financial Advisor	Ministry of Mines
3	Shri Shakil Alam	Economic Adviser	Ministry of Mines
4	Shri Yogendra Singh Bhamboo	Director	Ministry of Mines
5	Shri R. P. Gupta	Director	Ministry of Mines
6	Shri Asit Saha	DG	GSI
7	Shri P N Sharma (Joined Online)	CG (In charge)	IBM
8	Shri R Saravanabhavan	Dy Advisor	NITI Aayog
9	Dr Vijay Kumar	Advisor	Ministry of Earth Science
10	Dr Anupam Agnihotri	Director / Member Secretary	JNARDDC / Apex Committee
11	Dr Dillip Ranjan Kanungo	Director (OD)	IBM
12	(Joined Online)	I/c Director	NIRM
13	Shri Pramod Shanker	Scientist D	DST
14	Shri Amitesh Sinha (Joined Online)	Vice President	HZL
15	Shri Shaji Varghese	CEO	SIEN, IIT Bombay
16	Shri R N Chouhan	Sr Pr Scientist & HoD Downstream	JNARDDC