## Minutes of 116<sup>th</sup> Meeting of the BOARD OF GOVERNORS



## राष्ट्रीय उन्नत विनिर्माण प्रौद्योगिकी संस्थान

(पूर्व नेशनल इंस्टीट्यूट ऑफ फाउंड्री एंड फोर्ज टेक्नोलॉजी) हिटया, राँची - 834 003 (झारखण्ड)

National Institute of Advanced Manufacturing Technology (Formerly National Institute of Foundry and Forge Technology) Hatia, Ranchi – 834 003 (Jharkhand)

15th September 2022 [Thursday] at 4:00 PM

Through Video Conferencing/Offline

National Institute of Advanced Manufacturing Technology (Formerly National Institute of Foundry and Forge Technology) Hatia, Ranchi

## **Members of the Board of Governors**

airman				
Shri Sham H. Arjunwadkar	CI.			
CEO, Foundry Geometrix and Mentor, NCTS - IIF	Chairman			
oresentatives from Government of India	1.			
Shri M. M. Singh, Director,(TS)				
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	Member			
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Representative of				
Ms. Leena Johri	^			
	Member			
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	Member			
Ministry of Commerce and Industry				
presentative of All India Council for Technical Education	1			
Professor M.K. Tiwari	Member			
Director				
National Institute of Industrial Engineering, Mumbai	Wiember			
presentative of Industries including Public Enterprises				
Vacant	Member			
Vacant	Member			
Shri Pradeep Goyal,				
	Member			
	3.45			
	Member			
Department of Mechanical Engineering,	Member			
съепаниет опучестанса влушеетну	- wiember			
	Shri Sham H. Arjunwadkar CEO, Foundry Geometrix and Mentor, NCTS - IIF  presentatives from Government of India Shri M. M. Singh, Director, (TS) Representative of Smt.Soumya Gupta, IAS Joint Secretary (Admin.) Ministry of Education, Department of Higher Education, Govt.of India Shri Anil Kumar, Director, Finance Representative of Ms. Leena Johri AS & FA Ministry of Education Department of Higher Education, Govt.of India (attended the meeting).  presentative of Ministry of Industry Government of India Mohd. Zakaria Khan Yusufzai Senior Development Officer (Engg.) Department for Promotion of Industry and Internal Trade Ministry of Commerce and Industry  presentative of All India Council for Technical Education  Professor M.K. Tiwari Director National Institute of Industrial Engineering, Mumbai Vihar Lake Road, Powai, Mumbai – 400087  presentative of Industries including Public Enterprises  Vacant  Vacant  Shri Pradeep Goyal, Founder Chairman & Managing Director, Pradeep Metals Limited, Mumbai  Shri Sachin B. Sabnis Managing Director Belgaum Ferrocast India Pvt. Ltd (BFPL)  Professor Markrand Shrikrishna Kulkarni,			

Rei	oresentative of Technical Institutes/ Engineering Profes	sion		
11	Professor Pallab Banerji Professor Materials Science Centre Indian Institute of Technology, Kharagpur	Member		
12	Professor B. S. Murthy			
Co-	opted members by the Board			
13	Shri Sudhir Mutalik Founder CMD of Positive Metering Pumps (I) Pvt. Ltd.  Member			
14	Shri Vikas Khanvelkar Founder CMD – Design Tech Systems Ltd.  Member			
Co-	opted members from Faculty			
15	Professor K. K. Singh Dept. of Foundry Technology, NIAMT, Ranchi	Member		
16	Professor R.K. Ohdar Dept. of Forge Technology, NIAMT, Ranchi  Member			
Me	mber Secretary			
17	Professor P. P. Chattopadhyay Director, NIAMT, Ranchi	Member Secretary		

Invited Members		
1 1 0	Shri U.C. Prasad	Invited Member
18	Registrar, NIAMT, Ranchi	Invited Member

Leave of absence was granted to **Shri Pradeep Goyal**, Founder Chairman & Managing Director, Pradeep Metals Limited, Mumbai, **Shri Sachin B. Sabnis**, Managing Director, Belgaum Ferrocast India Pvt. Ltd (BFPL), **Professor Markrand Shrikrishna Kulkarni**, Department of Mechanical Engineering, Indian Institute of Technology, Bombay, **Professor B. S. Murthy**, Department of Metallurgical and Materials Engineering, NAC Rd, Indian Institute of Technology, Madras, **Shri Sudhir Mutalik**, Founder CMD of Positive Metering Pumps (I) Pvt. Ltd., **Shri Vikas Khanvelkar**, Founder CMD – Design Tech Systems Ltd.,

The meeting commenced with a hearty welcome to the members by the Chairman.

With due permission of the Chairman, the Director, NIAMT as the Member Secretary of the BoG, placed the agenda items in the meeting for discussion and resolutions were taken as mentioned under respective items.

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Item No.: 116.BoG.I.1	To confirm the minutes of 115 <sup>th</sup> meeting of the Board of Governors, held on 07/04/2022 through video conferencing.  The draft minutes of the 115 <sup>th</sup> meeting of the BOG held on 07/04/2022 through video conferencing was circulated to all the members on 18/04/2022. Comments of the MoE was received vide email dated 03/06/2022. No specific comment has been received from other members. Final MoM has been approved by the Chairman, BoG vide email dated 08/06/2022.		
	The minutes of the meeting is furnished as <b>Annexure</b> – <b>I</b> .		
Resolution	Confirmed		
Item No.: 116.BoG.I.2	Report on the action taken on the minutes of 115th meeting of the AFC and BOG held on 07/04/2022.		
	Action Taken Report on the minutes of 115th Meeting of the BOG held on 07/04/2021 through video conferencing is furnished as Annexure – II.		
	Action Taken Report on the minutes of 115th Meeting of the AFC held on 07/04/2021 through video conferencing is furnished as Annexure – III.		
Resolution	Noted		
Item No.: 116.BoG.I.3	Report on Important Institute activities since last BOG.		
	<ul> <li>Administrative activities of the Institute since last BOG is given below:-</li> <li>a. Prabhat Feri in the locality, Hoisting of National Flag in all official buildings and Hostels was conducted under the Har Ghar Tiranga Campaign.</li> <li>b. Vaccination camps have been conducted in the campus for precaution dose for the employees and students under the Covid Vaccination Amrit Mahotsav.</li> <li>c. Institute celebrated 76th Independence Day following appropriate safety measures relating to COVID pandemic.</li> <li>d. A three-month Skill Development Program for women has been started under the Women Technology Park – a joint project sponsored by DST to NML, Jamsedpur and NIAMT, Ranchi. The program was inaugurated by Smt. Annpurna Devi, Hon'ble Union Minister of State for Education in presence of Smt. Asha Lakra, Hon'ble Mayor of Ranchi, and other dignitaries.</li> <li>e. Innovation and Entrepreneurship Center of the Institute was inaugurated by Smt. Annpurna Devi, Hon'ble Union Minister of State for Education in presence of Smt. Asha Lakra, Hon'ble Mayor of Ranchi, and other dignitaries.</li> <li>f. Classes of all programs are being conducted in the campus in offline mode. All students are residing in the hostel. There has been only three cases of Covid infection in one occasion and the students were well</li> <li>taken care and have since been recovered.</li> </ul>		

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	g. Academic activities of the Institute since reported in the last BOG meeting is given as Annexure – IV and Placement Report is given as Annexure – V.		
Resolution	Noted		
Item No.: 116.BoG.I.4			
Resolution	Noted.		
Item No.: 116.BoG.I.5	Report on AICTE approval of two new B. Tech. courses from academic session 2022-23.		
	AICTE has approved the following two new B. Tech. courses from the academic session 2022-23.		
	1. Computer Engineering in the department of Electronics and Computer Engineering (60 seats).		
	2. Production & Industrial Engineering in the department of Foundry & Forge Technology (60 seats).		
	Seat Matrix for admission of students have been submitted to CSAB-2022 being organized by NIT, Rourkela.		
Resolution	Noted.		
Item No.: 116.BoG.II.1	To consider the minutes of the 116th meeting of the Administrative a Finance Committee to be held on 15/09/2022.		
	The minutes of the 116th meeting of the Administrative and Finance Committee to be held on 15/09/2022 through Hybrid mode will be placed on the table as Annexure - VII.		
Resolution	Item No.: Annual Accounts of the Institute for FY 2021-22.  116.AFC.II.1		
	Annual Accounts of the Institute for the year 2021-22 was prepared by the Accounts Section and the same has been audited by the CA firm engaged by the Institute as Internal Auditors. In order to adhere to the timeline for submission of Annual Reports to the MoE, the Annual Accounts have been submitted to the Office of the PDA (Central), Lucknow for audit. Audit has been started from 19/08/2022. However, the Separate Audit Report (SAR) of the C&AG will be issued by them only after receipt of the approval of the AFC and BOG of the Institute.		

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	Scanned copy (audited by internal auditor) of the Annual
 	Accounts of the Institute for the year 2021-22 is given as
	Annexure – IV.
Resolution	Noted.
Item No.: 116.AFC.II.2	Proposal for procurement of equipment and software during 2022-23 from Capital Grant (OH-35) (Additional List – 2).
	Proposal for total requirement of fund of Rs. 1178 lakhs for procurement of equipment and software during 2022-23 from Capital Grant (OH-35) was approved by the AFC and BOG in the 114th meeting held on 11/12/2021.
	Proposal for additional requirement of fund of Rs. 566 lakhs for procurement of equipment and software, and Rs. 111 lakh for procurement of 120 desktop PCs during 2022-23 from Capital Grant (OH-35) was approved by the AFC and BOG in the 115th meeting held on 07/04/2022. Few more indents have been received subsequently amounting to total value of Rs. 736 lakhs requiring sanction of AFC/BOG. Additional List of the equipment and software is given as Annexure – V.
Resolution	The Institute is advised to prioritize the purchase of equipment within the available budgetary provision also with their justification.
Item No.: 116.AFC.II.3	Minutes of 95 <sup>th</sup> SBC meeting and proposal for new works recommended by SBC to be undertaken during 2022-23 (Additional List – 2)
	Based on the recommendation of SBC, in its 93 <sup>rd</sup> meeting held on 07/10/2021, proposal for total requirement of fund of Rs. 1031 lakhs for construction and/or capital-maintenance works from Capital Grant (OH-35) was approved by the AFC and BOG in the 114 <sup>th</sup> meeting held on 11/12/2021.  Proposal for additional requirement of fund of Rs. 119 lakhs for construction and/or capital-maintenance works from Capital Grant (OH-35) was approved by the AFC and
	BOG in the 115 <sup>th</sup> meeting held on 07/04/2022.  95 <sup>th</sup> meeting of the SBC is scheduled on 06/09/2022.  Recommendation of SBC for approval of Additional List of works to be undertaken during 2022-23 will be placed on table as Annexure - VI.
Resolution	The Committee approved resolution adopted by 95 <sup>th</sup> SBC in Agenda 95.II-1 & 95.II.2. The Committee also noted rest of the resolution adopted by 95 <sup>th</sup> SBC.

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Item 1 116.AFC.	No.: Proposal for fixation of remuneration and other entitlements of outsourced personnel engaged by the Institute on monthly basis through agencies.
	It was advised by the AFC/BOG in the 111 <sup>th</sup> meeting held on 27/08/2020 to keep the number of the outsourced personnel engaged by the Institute within the number of vacancies against sanctioned posts and to outsource rest of the activities as job contract.
	The Committee constituted for same have submitted their recommendation regarding qualification, remuneration and other entitlements of the outsourced personnel to be engaged by the Institute on monthly basis through agencies. Recommendation of the Committee is given as <b>Annexure</b> – <b>VII</b> .
	Salient points of the recommendation are given below:-
	a. Engagement of supervisory level outsourced personnel in three pay ranges and other outsourced personnel on fixed monthly remuneration basis in four levels.
	<ul><li>b. Payment of statutory liabilities like EPF, ESIC, Gratuity etc. to be made as per rule and up to the limit fixed under respective Acts/Rules.</li><li>c. Grant of leave of half-day per completed fortnight without carry forward or encashment.</li></ul>
Resolutio	The Committee advised to the Institute to expedite recruitment of Non-Teaching Staff on priority basis as soon as the Institute receives the Recruitment Rule  The Committee advised the Institute to continue the existing practice.
	No.: Proposal for Medical Policy for the Students.
116.AFC.	A Committee was constituted by the Institute for formulation of a Medical Policy for the students of the Institute. Recommendation of the Committee has been received and is given as Annexure – VIII.  Salient features of the proposed policy is as given below:-  a. OPD treatment will be given in Institute Health Center and, also referred to Ispat Hospital of MECON Ltd. (a PSU) under the continuous MoU with them.  b. A Group Mediclaim Policy will be taken for IPD treatment.  c. Total cost of expenditure on OPD treatment and value of Mediclaim Policy will be recovered as Medical Fee in two installments along with Admission/Semester

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		Fees.  d. Medical Fees will be reviewed annually before the commencement of next academic session. per the AICTE norm. Report of the Committee is given as Annexure – VIII.
	Resolution	Approved, subject to condition that the installment of Mediclaim policy should be borne by students as semester fee and no financial burden should be on the Institute.
	Item No.: 116.AFC.II.6	Proposal for financial assistance of Rs. 5.00 lakh from Institute Fund for organizing an International Conference.
		A proposal has been received from the Department of Metallurgical and materials Engineering for organizing a three-day International Conference on "21st Century Materials and Challenges: Engineering, Economy and Environment" in hybrid mode tentatively scheduled in last week of February 2023.  Total estimated budget for organizing the conference is Rs. 15.22 lakh. The Department is expecting to collect about Rs. 10.00 to 10.50 lakh from sponsorship and registration fees and thus have requested for financial assistance of Rs. 5.00 lakh from the Institute Fund. Proposal of the HOD (MME) is given as <b>Annexure – IX</b> .
	Resolution	Approved.
Resolution	The Board approved the resolution adopted in 116 <sup>th</sup> meeting of AFC Agenda no.116 AFC.II.3, 116 AFC.II.4, 116 AFC.II.5, 116 AFC.II.6 and noted the rest of the Agenda.	
Item No.:	To consider the minutes of the 38 <sup>th</sup> meeting of the Academic Council held	
116.BoG.II.2	on 06/07/2022.	
	38 <sup>th</sup> meeting of the Academic Council was held on 06/07/2022. Minutes of the meeting is given as <b>Annexure – VIII</b> .	
	The Board approved the resolution adopted in 38 <sup>th</sup> meeting of Academic Council at Agenda Item no. IV, Agenda Item no.VI, Agenda Item no.VII, Agenda Item no.VIII, Agenda Item no. IX, Agenda Item	
Resolution	no.X, Agenda Item no. XI, Agenda Item no.XII, Agenda Item no.XIII, Agenda Item no.XVI, Agenda Item no.XVI, Agenda Item no.XVI, Agenda Item no.XVII, Agenda Item no.XVII, Agenda Item no.XXII (i, ii, iii) and noted rest of the resolution adopted.	
Item No.:		panelment of private hospitals/laboratories for medical
116.BoG.II.3	facility to employees under CGHS rate.  Based on the recommendation of a duly constituted Committee, first list of private hospitals/laboratories for medical facility to employees under CGHS rate was approved in the 109 <sup>th</sup> meeting of the BoG held on 21/01/2020. The	

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	Committee has examined the proposals received subsequently and have recommended for empanelment of following private hospitals/laboratories for empanelment for medical facility to employees under CGHS rate. Recommendation of the Committee is given as Annexure - IX.  1. Orchid Medical Center Pvt. Ltd., Ranchi  2. Bhagwan Mahabir Medica Hospital, Ranchi  3. Kashyap Memorial Eye Hosdpital Pvt. Ltd., Ranchi  4. Berlin Diagnostic & Day Care, Ranchi		
Resolution	Approved		
Item No.: 116.BoG.II.4	To consider the engagement of a consultant to facilitate setting up of Central Instrumentation Facility.		
	The Institute had placed orders for procurement of very high end equipment worth about Rs. 6.00 crores. for the Central Instrumentation Facility of the Institute being set up in the new 5 storied Laboratory Building. Few of the equipment have been delivered and rest of the equipment are likely to be delivered by December 2022. All these equipment require very specialized nature of expertise for supervision during installation and initial operation.		
	Dr. Sanjay Kumar Dhua, retired from SAIL as Chief General Manager is a reputed expert in the required area. He is available locally and has agreed to provide his expert consultancy to the CIF of the Institute. His Biodata is given as <b>Annexure - X</b> .		
~ ( P. )	He may be engaged as a consultant for one year on monthly payment of 50,000/		
Resolution	The Institute was advised to advertise the temporary engagement of the consultant for the selection of appropriate candidates.		
Item No.:	To consider the grievance of students relating to academic issues under		
116.BoG.II.5	JUT, Ranchi and rationale for autonomy to the Institute.  A special meeting of the BoG was held on 31/05/2022 to consider grievance of the students relating to academic issues under JUT, Ranchi and rationale for grant of autonomy to the Institute. The Agenda of the Special Meeting is given as Annexure -XI.  In the meantime, online grievance of the students on the matter has been received in the Public Grievance Portal as forwarded from President Office and PMO. Copies given as Annexure - XII.		
Resolution	Noted.		
Extra Item No.: 116.BOG.III.1	To consider the engagement of a Project Management Consultant like MECON Ltd. for upgradation of Foundry & Forge Laboratories and Central Instrumentation Facility.		
	The Institute is upgrading its Foundry & Forge Laboratories to teach the students contemporary laboratory techniques and the Institute is also setting up a Central Instrumentation Facility for the Centre of Excellence in advanced manufacturing.		

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While the upgradation of the Foundry & Forge Laboratories requires many highly customized equipment and set-ups which are not available off-the-shelf. setting up of the Central Instrumentation Facility involves installation and stabilization of many sophisticated instruments like XRD, TEM, etc. Both the activities require involvement of an expert consultant having extensive exposure in similar activities. MECON Ltd. is a reputed PSU having such expertise. Besides, MECON Ltd. being in Ranchi itself, will be further convenient for the Institute to take full leverage of their consultancy expertise. In view of the above, it is proposed to approach MECON Ltd. for drawing up an MoU with them for providing project management consultancy on turnkeys basis from tendering to installation to stabilization of the required equipment and facilities in the Foundry & Forge Laboratories and Central Instrumentation Facility.

Financial implication/ charges will be placed subsequently.

Resolution

The Board advised the Institute to hire, PMC as per the provision of GFR for services.

The Meeting ended with a vote of thanks to the chair.