



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

**1. Name of the Institution:**

**Name** : National Institute of Advance Manufacturing Technology.  
(Formerly National Institute of Foundry and Forge Technology)  
**Address** : Hatia, Ranchi-834003, (Jharkhand)  
**Telephone** : 0651-229 0859 , 0651-229 0016  
**E-Mail** : directoroffice@niamt.ac.in

**2. Name and address of the Society:**

**Name of the Parent Organization** : National Institute of Advance Manufacturing Technology.  
(Trust/ Society/ Company) (Formerly National Institute of Foundry and Forge Technology)  
**Type of the Organization** : University  
(Trust/ Society/ Company)  
**Organization Address** : National Institute of Advance Manufacturing Technology.  
**PAN** : AABTN0138R  
**Land Phone Number** : 2292859  
**Organization Website** : www.nifft.ac.in  
**Registration Date** : 22/06/2021

**3. Name and Address of the Director:**

**Name** : Partha Protim Chattopadhyay  
**Designation** : Director  
**E-Mail** : directoroffice@niamt.ac.in  
**Mobile** : 9830286711  
**Telephone** : 0651-2290859

**4. Name of the affiliating University:** Jharkhand University of Technology. (JUT)

## 5. Governance:

a) Members of the Board and their brief background :



राष्ट्रीय उन्नत विनिर्माण प्रौद्योगिकी संस्थान  
(पूर्व नेशनल इंस्टीट्यूट ऑफ फाउंड्री एंड फोर्ज टेक्नोलॉजी)  
हटिया, राँची - 834 003 (झारखण्ड)

**National Institute of Advanced Manufacturing Technology**  
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### List of BoG Members

Chairman		
1	<b>Shri Sham H. Arjunwadkar</b> CEO, Foundry Geometrix and Mentor, NCTS - IIF	Chairman
Representatives from Government of India		
2	<b>Smt. Soumya Gupta</b> Joint Secretary (NITs) Department of Higher Education, Ministry of Education, Govt. of India	Member
3	<b>Smt. Darshana M. Dabral</b> Joint Secretary & Financial Advisor Department of Higher Education, Ministry of Education, Govt. of India	Member
Representative of Ministry of Industry Government of India		
4	<b>Mohd. Zakaria Khan Yusufzai</b> Senior Development Officer (Engg.) Department for Promotion of Industry and Internal Trade Ministry of Commerce and Industry	Member
Representative of All India Council for Technical Education		
5	<b>Professor M.K. Tiwari</b> Director National Institute of Industrial Engineering, Mumbai Vihar Lake Road, Powai, Mumbai - 400087	Member
Representative of Industries including Public Enterprises		
6	Vacant	Member
7	Vacant	Member
8	<b>Shri Pradeep Goyal,</b> Founder Chairman & Managing Director, Pradeep Metals Limited, Mumbai	Member
9	<b>Shri Sachin B. Sabnis</b> Managing Director Belgaum Ferrocast India Pvt. Ltd (BFPL)	Member

10	<b>Professor Markrand Shrikrishna Kulkarni,</b> Department of Mechanical Engineering, Indian Institute of Technology, Bombay	<b>Member</b>
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<b>Representative of Technical Institutes/ Engineering Profession</b>		
11	<b>Professor Pallab Banerji</b> Professor Materials Science Centre Indian Institute of Technology, Kharagpur	<b>Member</b>
12	<b>Professor B. S. Murthy</b> Department of Metallurgical and Materials Engineering NAC Rd, Indian Institute of Technology, Madras	<b>Member</b>
<b>Co-opted members by the Board</b>		
13	<b>Shri Sudhir Mutalik</b> Founder CMD of Positive Metering Pumps (I) Pvt. Ltd.	<b>Member</b>
14	<b>Shri Vikas Khanvelkar</b> Founder CMD – Design Tech Systems Ltd.	<b>Member</b>
<b>Co-opted members from Faculty</b>		
15	<b>Professor K. K. Singh</b> Dept. of Foundry Technology, NIAMT, Ranchi	<b>Member</b>
16	<b>Professor R. K. Ohdar</b> Dept. of Forge Technology, NIAMT, Ranchi	<b>Member</b>
<b>Member Secretary</b>		
17	<b>Professor P. P. Chattopadhyay</b> Director, NIAMT, Ranchi	<b>Member Secretary</b>

<b>Invited Members</b>		
1	<b>Shri U.C. Prasad</b> Registrar, NIAMT, Ranchi	<b>Invited Member</b>

b) Members of Academic Advisory Body

Members of the Academic Council

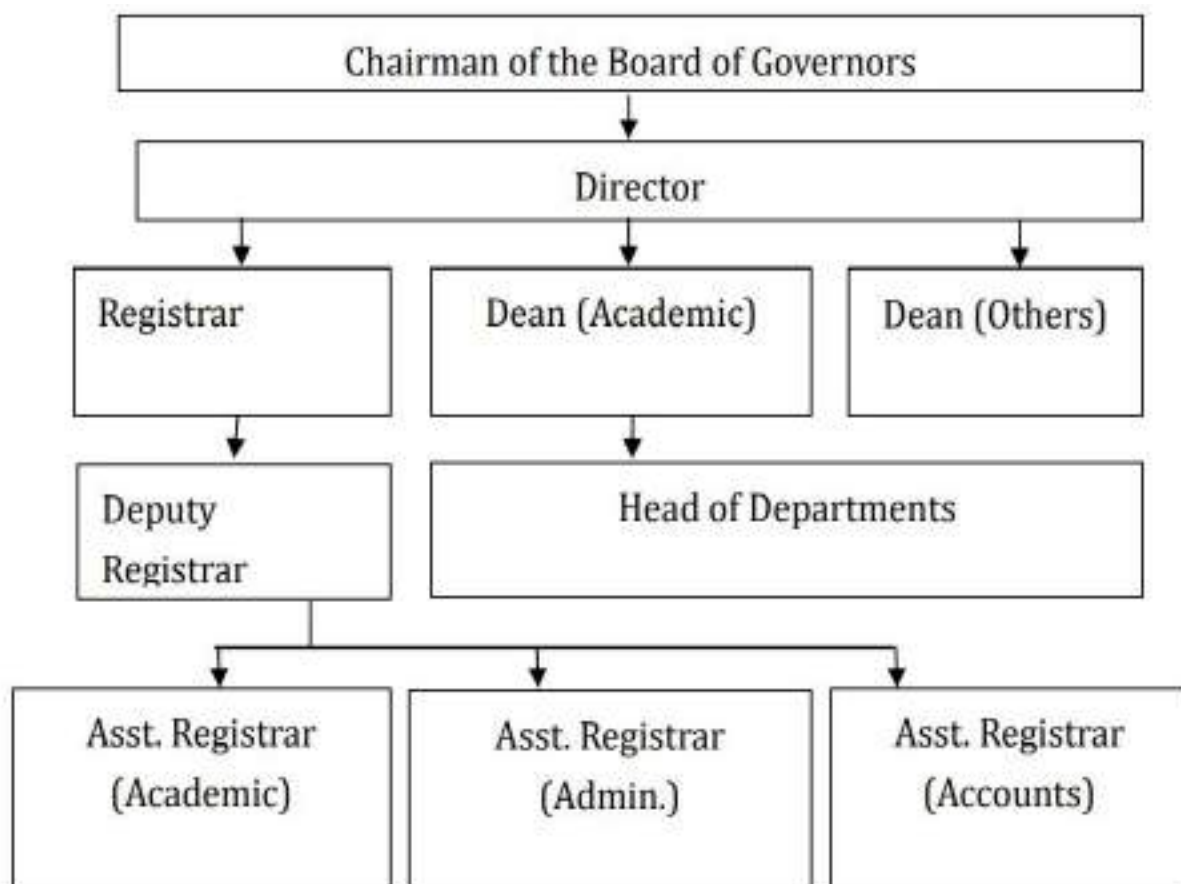
**NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY  
HATIA, RANCHI -834003**

XXXVII meeting of the Academic Council, 10.30 AM on 08<sup>th</sup> December, 2020 in the Communication Lab (1<sup>st</sup> Floor), Admin Building, NIFFT, Ranchi

1. Dr. P.P. Chattopadhyaya, Director, NIFFT, Ranchi	Chairman
2. Vice Chancellor, Jharkhand University of Technology, or His Nominee	Member
3. Controller of Examinations, Jharkhand University of Technology	Member
4. Vice-Chancellor Ranchi University, Ranchi or His Nominee	Member
5. Dean, Faculty of Science, Ranchi University	Member
6. Controller of Examination, Ranchi University, Ranchi	Member
7. Shri Ajay Arora, In charge ED, RDCIS, SAIL, Ranchi	Member
8. Shri Deepak Dokania, Director, BMC Metalcast Ltd, Jamshedpur	Member
9. Professor B. C. Ray, Department of Materials and Metallurgical Engineering NIT, Rourkela	Member
10. Dr. T. Venugopalan, Chief Technical Officer, TATA Steel, Jamshedpur	Member
11. Dr. N. K. Singh, HOD (Forge Tech.)	Member
12. Professor Arvind Pandey, HOD (DASH)	Member
13. Dr. Amitesh Kumar, HOD (Foundry Tech.)	Member
14. Dr. A. K. Sood, HOD (ME)	Member
15. Dr. D. Roy, HOD (MME)	Member
16. Dr. G. Rajamohan, HOD (Computer Engineering)	Member
17. Professor Sanjay Kumar, NIFFT, Ranchi	Member
18. Professor A. K. Singh, NIFFT, Ranchi	Member
19. Professor A. Mondal, NIFFT, Ranchi	Member
20. Professor P. Talukdar, NIFFT, Ranchi	Member
21. Professor K. K. Singh, NIFFT, Ranchi	Member
22. Professor R. K. Ohdar, NIFFT, Ranchi	Member
23. Professor A. K. Pathak, NIFFT, Ranchi	Member
24. Professor Nandita Gupta, NIFFT, Ranchi	Member
25. Professor S. R. Kumar, NIFFT, Ranchi	Member
26. Professor Anil Kumar, NIFFT, Ranchi	Member
27. Professor Manoj Kumar, NIFFT, Ranchi	Member
28. Professor Vijay Toppo, NIFFT, Ranchi	Member
29. Professor B. K. Jha, NIFFT, Ranchi	Member
30. Professor B. Kumar, Dean (Academic)	Member Secretary



- c) Frequently of the Board Meeting and Academic Advisory Body: **1 BOG meeting at each quarter i.e., 4 meeting in a year.**
- d) Organizational chart and processes:



- e) Nature and Extent of involvement of Faculty and students in academic affairs/improvements
- f) Mechanism/ Norms and Procedure for democratic/ good Governance: **Various committees has been formed for good governance as per office order no, 23/2022 & 24/2022.**



राष्ट्रीय उन्नत विनिर्माण प्रौद्योगिकी संस्थान  
राष्ट्रिय उन्नत विनिर्माण प्रौद्योगिकी संस्थान  
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National Institute of Advanced Manufacturing Technology  
(Formerly National Institute of Foundry and Forge Technology)  
Hatia, Ranchi - 834 003 (Jharkhand)

सं. नं. - NIAMT/ GA-55/3531-5377

दिनांक Date - 01/01/2022

### OFFICE ORDER No. - 23 /2022

Various committees as given below and in the following pages are constituted w.e.f. 01/02/2022, to carry out the compliance activities as required under respective Acts/Rules/Notifications issued by the concerned Government authorities and other activities as may be assigned by the Director from time to time, within the regulatory provision of the Institute.

Tenure of the chairman, coordinator, and member(s) of the committees, except for the ex-officio chairman, coordinator, and member(s), is till further order or 30/06/2024, whichever is earlier.

All committees will hold meetings as and when required, subject to at least one meeting in every quarter on regular basis. Minutes of the Meetings will be prepared by the Coordinator of the respective committee and Chairman/Chairperson of the respective committee will forward the same to the Director after confirmation by the members present in the meetings. Actions arising out of the Minutes of the Meetings may be taken as may be approved by the Director.

Unless provided otherwise under the applicable Acts/Rules/Notifications issued by the concerned Government authorities, 50% of the total constituents (Chairman/Chairperson + Members + Coordinator) of respective the Committee will be treated as quorum for any meeting of the Committee. For any urgent meeting, senior most member of the Committee will chair the meeting if the regular Chairman/Chairperson is not able to attend any meeting.

#### 1. Internal Complaints Committee (ICC) under the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013

1	Mrs. Madhu Kumari, Assistant Professor	Chairman
2	Deputy Registrar	Member
3	Dr. Mamta Sharma, Hindi Officer	Member
4	Representative from an NGO working on similar issues	Member
5	Dr. Sriparna Chattopadhyay	Coordinator

#### 2. Student Grievance Redressal Committee (SGRC) under the All India Council for Technical Education (Redressal of Grievance of Students) Regulations, 2019

1	Director	Chairman
2	Dean, Student & Alumni Affairs	Member
3	Prof. Binod Kumar, Professor (MME)	Member
4	Prof. K. K. Singh, Professor (Forge)	Member
5	Chairperson, Internal Complaints Committee	Member
6	Deputy Registrar	Member
7	Assistant Registrar, Academic	Coordinator

3. Audit Review Committee as per letter of Ministry of Education vide F. No. 2-1/2020-TS.IV, dated 08/01/2021.

1	Prof. K. K. Singh, Faculty Representative Member in the BoG	Chairman
2	Dean (P&D)	Member
3	Registrar	Member
4	Chairman, Purchase Committee	Member
5	Assistant Registrar, SP & EM	Member
6	Deputy Registrar	Coordinator

4. Reservation/Welfare Cell for Reserved Categories

1	Dr. B. Mallick, Associate Professor & Liaison Officer for SC	Chairman
2	Dr. Sriparna Chattopadhyay, Assistant Professor	Member
3	Dr. Deepak Kumar, Assistant Professor	Member
4	Mr. S. K. Soren, Assistant Professor	Member
5	Mr. Vinod Chak, Assistant Professor	Member
6	Mr. Sankar Behera, ASW	Coordinator

5. Gender Budget Cell as per order of Ministry of Woman Child Development as endorsed by letter of Ministry of Education vide F. No. 17-7/2020-U.S, dated 09/07/2020

1	Registrar	Chairman
2	Chairperson, Internal Complaints Committee	Member
3	Coordinator, Student Fostering Unit (Gymkhana)	Member
4	Assistant Registrar, Academic	Member
5	Deputy Registrar	Coordinator

6. Anti-Ragging Squad under the All India Council for Technical Education (Prevention and Prohibition of Ragging in Technical Institutions, Universities including Deemed to be Universities imparting technical education) Regulations, 2009

1	Dean, Academic	Chairman
2	Chief Hostel Warden	Member
3	All HODs	Members
4	All Warden of Halls	Members
5	Chairman, Security Management Committee	Coordinator

7. Anti-Ragging Committee under the All India Council for Technical Education (Prevention and Prohibition of Ragging in Technical Institutions, Universities including Deemed to be Universities imparting technical education) Regulations, 2009

Notified Separately by Academic Section Current Committee has been notified vide O.O. No. 225/2021, dated 03/12/2021		
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8. Student Activity Cell\* as per AICTE Guidelines

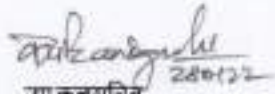
1	Dean, Student & Alumni Affairs	Chairman
2	Chairman, Student Induction Program (SIP) Cell	Member
3	Chairman, Universal Human Value (UHV) Cell	Member
4	Chairman, Student Fostering Cell (Gymkhana)	Member
5	Assistant Registrar, Academic	Coordinator

\* The Student Activity Cell will constitute the following three Cells/Units:

- Student Induction Program (SIP) Cell
- Universal Human Value (UHV) Cell
- Student Fostering Unit (Gymkhana)

<b>8A. Student Induction Program (SIP) Cell</b>		
1	Coordinator, UG Programmes	Chairman
2	Mrs. Sujata Gupta, Assistant Professor	Member
3	Dr. Chiranjay Chattopadhyay, Assistant Professor	Member
4	Hindi Officer	Member
5	Assistant Registrar, Academic	Coordinator
<b>8B. Universal Human Value (UHV) Cell</b>		
1	Dr. Debdas Roy, Associate Professor	Chairman
2	Dr. S. K. Parida, Assistant Professor	Member
3	Senior Medical Officer	Member
4	Hindi Officer	Member
5	Assistant Registrar, Academic	Coordinator
<b>8C. Student Fostering Unit (Gymkhana)</b>		
1	Dr. Subhankar Basu, Assistant Professor	Chairman
2	Dr. Ratnakar Das, Assistant Professor	Member
3	Dr. Sriparna Chattopadhyay, Assistant Professor	Member
4	Hindi Officer	Member
5	Assistant Registrar, Academic	Coordinator
<b>9. Student Counselling Service (SCS) Cell as per AICTE Guidelines</b>		
1	Dean, Student & Alumni Affairs	Chairman
2	Coordinator, Placement & Professional Development Center	Member
3	Coordinator, Innovation & Entrepreneurship Development Center	Member
4	Senior Medical Officer	Member
5	Assistant Registrar, Academic	Coordinator

This issues with the approval of the competent authority.

  
 उप कुलसचिव  
 Dy. Registrar

Distribution by email

- 1) All faculty, officers and staff as per available list – concerned faculty and officials may note
- 2) Registrar Office for information of Registrar
- 3) Director Office for information of Director

Archived in – Committee Constitution File [GA-55/2021]





राष्ट्रीय उन्नत विनिर्माण प्रौद्योगिकी संस्थान  
पूर्व में राष्ट्रीय उद्योग और धातु कार्य संस्थान  
हाटिया रोड - 834 003 (झारखण्ड)

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

सं. No. - NIAMT/ 010-55/2021, 5339

दिनांक Date - 28/01/2022

**OFFICE ORDER No. - 24 /2022**

Various committees as given below and in the following pages are constituted w.e.f. 01/02/2022, to carry out the relevant activities and other activities as may be assigned by the Director from time to time, within the regulatory provision of the Institute and/or as per the acts, rules, and guidelines of Govt. of India, wherever applicable.

Tenure of the chairman, coordinator, and member(s) of the committees, except for the ex-officio chairman, coordinator, and member(s), is till further order or 30/06/2024, whichever is earlier.

All committees will hold meetings as and when required, subject to at least one meeting in every quarter on regular basis. Minutes of the Meetings will be prepared by the Coordinator of the respective committee and Chairman/Chairperson of the respective committee will forward the same to the Director after confirmation by the members present in the meetings. Actions arising out of the Minutes of the Meetings may be taken as may be approved by the Director.

50% of the total constituents (Chairman/Chairperson + Members + Coordinator) of respective the Committee will be treated as quorum for any meeting of the Committee. For any urgent meeting, senior most member of the Committee will chair the meeting if the regular Chairman/Chairperson is not able to attend any meeting.

**1. Pending and Important Issues Review & Advisory Committee:**

1	Director	Chairman
2	All Deans	Members
3	Registrar	Member
4	Deputy Registrar	Coordinator

**2. Academic Approval & Affiliation Facilitation Cell**

1	Dr. Debdas Roy, Associate Professor	Chairman
2	Dr. Ajit K. Pramanik, Assistant Professor	Member
3	Dr. Partha Sarathi Mondal, Assistant Professor	Member
4	Dr. Tapabrata Maity, Assistant Professor	Coordinator

**3. Placement & Professional Development Center Management Committee**

1	Dean, Student & Alumni Affairs	Chairman
2	Dr. S. Basu, Assistant Professor (DASH)	Member
3	Dr. Ratnesh Gupta, Assistant Professor (MME)	Member
4	Mr. Vineet Chak, Assistant Professor (Forge)	Member
5	Dr. Himanshu Khandelwal, Assistant Professor (Foundry)	Member
6	Dr. Ratnakar Das, Assistant Professor (ME)	Coordinator

<b>4. Central Library &amp; Documentation Center Management Committee</b>		
1	Dr. Sanjay Kumar	Chairman
2	All HODs	Members
3	Deputy Registrar	Member
4	In charge of Central Library & Documentation Center	Coordinator

<b>5. Centralized Computer Centre Management Committee</b>		
1	Dr. A. K. Sood, Associate Professor	Chairman
2	Dr. V.K. Gupta, Assistant Professor	Member
3	Dr. Jageswar Verma, Assistant Professor	Member
4	Assistant Registrar (SP & EM)	Member
5	Dr. Himanshu Khandeiwal, Assistant Professor	Coordinator

<b>6. Central Instrument Facility Management Committee</b>		
1	Prof. S. R. Kumar, Professor (DASH)	Chairman
2	Registrar	Member
3	Dr. A. K. Sood, Associate Professor (ME)	Member
4	Dr. Deepak Kumar, Assistant Professor (Forge)	Member
5	Dr. H. Vignesh Babu, Assistant Professor (DASH)	Member
6	Dr. Debdas Roy, Associate Professor (MME)	Coordinator

<b>7. Language &amp; Communication Skill Development Center Management Committee</b>		
1	Mrs. Smriti Sujata Gupta, Assistant Professor	Chairperson
2	Coordinator, Centralized Computer Center	Member
3	Dr. Abhilash T. Nair, Assistant Professor	Member
4	Hindi Officer	Member
5	Dr. Jageswar Verma, Assistant Professor	Coordinator

<b>8. CoE in Foundry and Forge Department</b>		
1	Prof. N. K. Singh, Professor (Forge)	Chairman
2	HoD, Foundry Department	Member
3	HoD, Forge Department	Member
4	Mr. Amitesh Kumar, Associate Professor (Foundry)	Coordinator

<b>9. Innovation &amp; Entrepreneurship Development Center</b>		
1	Dr. Debdas Roy, Associate Professor	Chairman
2	Coordinator, Placement & Professional Development Cell	Member
3	Dr. P. S. Mondal, Assistant Professor	Member
4	Dr. Aruna Thakur, Assistant Professor	Member
5	Deputy Registrar	Coordinator

<b>10. Health Center Management Committee</b>		
1	Prof. K. K. Singh, Professor (Foundry)	Chairman
2	Dr. D. Roy, Associate Professor	Member
3	Senior Medical Officer	Member
4	Assistant Registrar (SP & EM)	Coordinator

**11. Alumni Relation Cell**

Notified Separately by General Administration Section  
Current Committee has been notified vide O.O. No. 105/2020, dated 17/09/2020

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<b>12. Guest House (NIFT Noida &amp; Anna in VA Christiana) Management Committee</b>		
1	Registrar	Chairman
2	Coordinator, Alumni Cell	Member
3	Coordinator, Placement & Professional Development Cell	Member
4	Warden, Vikram Ambala Christiana	Member
5	Deputy Registrar	Coordinator

**13. Transport Advisory\* Committee**

1	Registrar	Chairman
2	Senior Medical Officer	Member
3	Coordinator, Placement & Professional Development Cell	Member
4	Chairman, Student Fostering Unit (Gymkhana)	Member
5	Assistant Registrar, SP & EM	Coordinator

\* Day-to-day and administrative works will be looked after by EM Section

**14. Security Management Committee**

1	Dr. A. K. Pramanik, Assistant Professor	Chairman
2	Dr. Umesh Khandey, Assistant Professor	Member
3	Mr. Anand Mohan Murmu, Assistant Professor	Member
5	Assistant Registrar, SP & EM	Coordinator

**15. House Allotment Committee:**

1	Prof. A. K. Pathak	Chairman
2	Prof. A. Pandey, Group-A representative	Member
3	Mr. Chandan Kumar, Group-B representative	Member
4	Mr. B. Nayak, Group-C representative	Member
5	Deputy Registrar	Coordinator

**16. Hostel and Mess/Canteen/Cafeteria Management Committee**

1	Chief Hostel Warden	Chairman
2	All Warden of Halls	Members
3	Deputy Registrar	Member
4	One of the Warden of Halls to be chosen by the CHW	Coordinator

**17. Student Conduct & Disciplinary Committee**

1	Dean, Student & Alumni Affairs	Chairman
2	Registrar	Member
3	Chief Hostel Warden	Member
4	Concerned HOD(s)	Member(s)
5	Concerned Warden(s)	Member(s)
6	Concerned Academic Programme Coordinator(s)	Member(s)
7	Assistant Registrar, Academic	Coordinator

**18. Annual Report Preparation Committee**

1	Dean, Academic	Chairman
2	Departmental Representatives nominated by HODs	Members
3	Deputy Registrar	Member
4	Coordinator, Placement & Professional Development Cell	Member(s)
5	Hindi Officer	Coordinator



19. National Functions Organizing Committee

1	Registrar	Chairman
3	Chairman, Student Fostering Unit (Gymkhana)	Member
4	Chairman, Security Management Committee	Member
5	Deputy Registrar	Member
5	Hindi Officer	Coordinator

20. GPF Management Committee

1	Prof. N. K. Singh, Professor (Forge)	Chairman
4	Dr. D. Roy, Associate Professor [MME]	Member
5	Dr. Mamta Sharma, Hindi Officer	Member
7	Shri Uttam Kumar Ghosh, UDC	Member
8	Deputy Registrar	Coordinator

21. Bid Opening Committee

1	Dr. B. K. Mallick, Associate Professor	Chairman
2	Dr. Jageswar Verma, Assistant Professor	Members
3	Dr. Kausik Sikdar, Assistant Professor	Member
4	Shri Sankar Behera, ASW	Member
5	Dr. Mamta Sharma, Hindi Officer	Member
6	Assistant Registrar, SP & EM	Coordinator

22. Proprietary Items Validation Committee

1	Chairman, Purchase Committee	Chairman
2	All HODs*	Members
3	Chairman, Centralized Computer Center*	Member
4	Assistant Registrar, SP & EM	Coordinator

\* Indenting Department HOD / Chairman (CCC) will not be a member for the concerned item.

23. Technical Bid Evaluation Committee (Purchase)

A. For All (Estimated Value up to Rs. 10.00 lakh)

To be evaluated by the concerned indenter and to be concurred by the concerned Head of the Department/Center/Section

B. For Centers/Sections (Estimated Value above Rs. 10.00 lakh and up to Rs. 25.00 lakh)  
Respective Management Committee for the Center/Section

C. For Departments (Estimated Value above Rs. 10.00 lakh and up to Rs. 25.00 lakh)  
Separate Committees for each case

1	HOD	Chairman
2	One faculty of the Department to be nominated by HOD	Member
3	One faculty from another Dept. to be nominated by Director	Member
4	Indenter	Coordinator

D. For Central Procurement and/or other Purchase above Rs. 25.00 lakh

Central Instrument Facility Management Committee

Note – if the CIFMC feels necessary to seek advice of external experts in any case, up to three External Expert Members may be included as additional member(s). External experts are to be nominated by the Director from the list of at least five experts to be proposed by the CIFMC in each case.

W.D.



**24. Local Purchase Committee**

	Nominee of the HOD/Chairman of the Accounting Dept./Center	
1	Nominee of Registrar in case of Administrative Procurement	Member
	Nominee of Dean (P&D) in case of Maintenance Procurement	
	Nominee of Chief Hostel Warden for Hostel Procurement	
2	Nominee of Director for Administrative Procurement	Member
3	Nominee of Registrar in all other cases	
	Indenter	Coordinator

**25. Purchase Committee**

1	Prof. Arvind Pandey, Professor (DASH)	Chairman
2	Registrar	Member
3	Dr. A. K. Sood, Associate Professor (ME)	Member
4	Dr. D. Roy, Associate Professor (MME)	Member
5	Dr. H. Khandelwal, Assistant Professor (Foundry)	Member
6	Dr. Kulkarni Rahul Ramesh, Assistant Professor (Forge)	Member
7	Dr. P. S. Mondal, Assistant Professor (DASH)	Member
8	Assistant Registrar, SP & EM	Coordinator

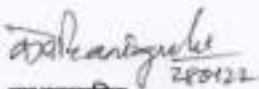
**26. Works Committee**

1	Dean (Planning & Development))	Chairman
2	Coordinator, Hostel Management Committee	Member
3	Coordinator, House Allotment Committee	Member
4	Assistant Registrar, SP & EM	Member
5	Shri Sankar Behera, ASW	Coordinator

**27. Building/Facility Take-over Committee**

1	Dean (Planning & Development))	Chairman
2	Registrar	Member
3	Concerned Coordinator(s), Maintenance Activities	Member(s)
4	Concerned /c of the concerned Building/Facility	Member
5	External Expert (Civil) to be nominated by Director	Member
6	External Expert (Electrical) to be nominated by Director	Member
7	Assistant Registrar, SP & EM	Coordinator

This issues with the approval of the competent authority.



उप कुलसचिव  
Dy. Registrar

Distribution by email


- 1) All faculty, officers and staff as per available list – concerned faculty and officials may note
- 2) Registrar Office for information of Registrar
- 3) Director Office for information of Director

Archived in – Committee Constitution File [GA-55/2021]

g) Student Feedback on Institutional Governance/ Faculty performance: **NIL**

h) Grievance Redressal mechanism for Faculty, staff and students:

2. Student Grievance Redressal Committee (SGRC) under the All India Council for Technical Education (Redressal of Grievance of Students) Regulations, 2019

1	Director	Chairman
2	Dean, Student & Alumni Affairs	Member
3	Prof. Binod Kumar, Professor (MME)	Member
4	Prof. K. K. Singh, Professor (Forge)	Member
5	Chairperson, Internal Complaints Committee	Member
6	Deputy Registrar	Member
7	Assistant Registrar, Academic 	Coordinator

i) Establishment of Anti Ragging Committee



राष्ट्रीय उन्नत विनिर्माण प्रौद्योगिकी संस्थान  
(पूर्व नेशनल इंस्टीट्यूट ऑफ फाउंड्री एंड फॉर्ज टेक्नोलॉजी)  
हटिया, राँची - 834 003 (झारखण्ड)

(44)

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

NIAMT/ACAD/GEN/065/2021-22/201/ 5252

दिनांक Date - 02/12/2021

**OFFICE ORDER NO. 225/2021**

The Director, NIAMT (NIFFT) has been pleased to constitute a committee for Anti Ragging. The committee may be constituted with the following members: -

Sl. No.	Particulars	Designation
1.	Head of The Institute	Director, NIAMT (NIFFT), Ranchi
2.	Representative of Civil Administration	SDO, Ranchi
3.	Representative of Police Administration	DSP, Ranchi
4.	Representative of Local Media	Representative from Hindustan NEWS, Ranchi Mr. Ajay Kukrety Mobile No.: 9431356941 Email Id: <a href="mailto:akukrety@hotmail.com">akukrety@hotmail.com</a>
5.	Representative of NGO involvement in Youth	Representative from Yogda Satsang, Ranchi Mr. Omeshwar Prasad Mobile No.: 9835995898 Email Id: <a href="mailto:om.prasad@yahoo.co.in">om.prasad@yahoo.co.in</a>
6.	Representative of Faculty Members	Dean (SAA), NIAMT (NIFFT), Ranchi
7.	Representative of Students- (Senior Student 5 <sup>th</sup> Semester)	1. President Gymkhana Club, NIAMT (NIFFT) Mr. Aditya Anand B.Tech. Manufacturing Engineering Roll No. 149/18, Batch: 2018-2022 Mobile No.: 8709970945 Email Id: <a href="mailto:adityaanand1899@gmail.com">adityaanand1899@gmail.com</a>  2. Member Gymkhana Club, NIAMT (NIFFT) Ms. Richa Priti B.Tech. Manufacturing Engineering Roll No.: 118/18, Batch: 2018-2022 Mobile No.: 7739528893 Email Id.: <a href="mailto:richapriti70713@gmail.com">richapriti70713@gmail.com</a>
8.	Representative of Students- (Junior Student 1 <sup>st</sup> Semester)	1. Highest JEE (Main) Rank (Boy) Mr. Swarup Kongar B.Tech. Metallurgy and Materials Engineering Roll No.: 264/20, Batch: 2020-2024 Mobile No.: 8509341426 Email Id: <a href="mailto:swarupkongar@gmail.com">swarupkongar@gmail.com</a>  2. Highest JEE (Main) Rank (Girl) Ms. Kotyada Samanvitha B.Tech. Metallurgy and Materials Engineering Roll No.: 239/20, Batch: 2020-2024 Mobile No.: 7386059187 Email Id: <a href="mailto:samanvithakotyada@gmail.com">samanvithakotyada@gmail.com</a>

P.T.O.

42

9.	Representative of Parents	<p>1. Representative from Parent staying in Ranchi (Parent of 1<sup>st</sup> semester student) residing nearest to the Institute Mr. Aditya Kumar Das B.Tech. Metallurgy and Materials Engineering Roll No. 204/20, Batch: 2020-2024 Mobile No.: 7739283801 Email Id: <a href="mailto:adityakumard6@gmail.com">adityakumard6@gmail.com</a> S/o: Nawal Kishore Das Mobile No.: 6200146978 Address: House No.:10, Chitragupta Colony, Solanki, Hatia, Ranchi, Jharkhand - 834003</p> <p>2. Representative from Parent staying in Ranchi (Parent of 5<sup>th</sup> semester student) residing nearest to the Institute Ms. Akanksha Shrivastava B.Tech. Manufacturing Engineering Roll No.: 108/18, Batch: 2018-2022 Mobile No.: 7209049699 Email Id.: <a href="mailto:anuj123niffit@yahoo.co.in">anuj123niffit@yahoo.co.in</a> D/o: Anuj Kumar Shrivastava Mobile No: 9234416582 Address: Mano Balram Apartment Upper Hatia, Ranchi, Jharkhand - 834003</p>
10.	Representative of Non-Teaching Staff	<p>1. Registrar, NIAMT (NIFFT), Ranchi 2. Assistant Registrar (Academic), NIAMT (NIFFT), Ranchi 3. Hindi Officer, NIAMT (NIFFT), Ranchi</p>

  
Registrar


Distributions:-

1. Concerned Members of the committee
2. Dean (Academic)
3. DR (Accounts)
4. Registrar Secretariat
5. Director's Secretariate
6. AR (Academic)
7. Office Copy



- j) Establishment of Online Grievance Redressal Mechanism: **NIL**
- k) Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University: **NIL**
- l) Establishment of Internal Complaint Committee (ICC)

101



राष्ट्रीय उन्नत विनिर्माण प्रौद्योगिकी संस्थान  
(पूर्व में राष्ट्रीय उन्नत मृदा और मृदा प्रौद्योगिकी संस्थान)  
हटिया, राँची - 834 003 (झारखण्ड)

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

सं. No. - NIAMT/ GA-55/2021-5322 दिनांक Date - 28/01/2022

**OFFICE ORDER No. - 23 /2022**

Various committees as given below and in the following pages are constituted w.e.f. 01/02/2022, to carry out the compliance activities as required under respective Acts/Rules/Notifications issued by the concerned Government authorities and other activities as may be assigned by the Director from time to time, within the regulatory provision of the Institute.

Tenure of the chairman, coordinator, and member(s) of the committees, except for the ex-officio chairman, coordinator, and member(s), is till further order or 30/06/2024, whichever is earlier.

All committees will hold meetings as and when required, subject to at least one meeting in every quarter on regular basis. Minutes of the Meetings will be prepared by the Coordinator of the respective committee and Chairman/Chairperson of the respective committee will forward the same to the Director after confirmation by the members present in the meetings. Actions arising out of the Minutes of the Meetings may be taken as may be approved by the Director.

Unless provided otherwise under the applicable Acts/Rules/Notifications issued by the concerned Government authorities, 50% of the total constituents (Chairman/Chairperson + Members + Coordinator) of respective the Committee will be treated as quorum for any meeting of the Committee. For any urgent meeting, senior most member of the Committee will chair the meeting if the regular Chairman/Chairperson is not able to attend any meeting.

1. **Internal Complaints Committee (ICC) under the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013**

1	Mrs. Madhu Kumari, Assistant Professor	Chairman
2	Deputy Registrar	Member
3	Dr. Mamta Sharma, Hindi Officer	Member
4	Representative from an NGO working on similar issues	Member
5	Dr. Sriparna Chattopadhyay	Coordinator

m) Establishment of Committee for SC/ST: Office Order No. 23/2022.

4. Reservation/Welfare Cell for Reserved Categories		
1	Dr. B. Mallick, Associate Professor & Liaison Officer for SC	Chairman
2	Dr. Sriparna Chattopadhyay, Assistant Professor	Member
3	Dr. Deepak Kumar, Assistant Professor	Member
4	Mr. S. K. Soren, Assistant Professor	Member
5	Mr. Vineet Chak, Assistant Professor	Member
6	Mr. Sankar Behera, ASW	Coordinator

n) Internal Quality Assurance Cell: **NIL**

## 6. Programmes

a) Name of Programmes approved by AICTE

Sl.No.	Course	Branch
1.	B.Tech.	Metallurgy & Material Engineering
		Mechanical Engineering
2.	M.Tech	Manufacturing Engineering
		Foundry & Forge Technology
		Manufacturing Engineering
		Material Science Engineering
		Environmental Engineering

b) Name of Programmes Accredited by NBA : **NIL**

c) **Status of Accreditation of the Courses**

Sl.No.		
1.	Total number of Courses	<b>NIL</b>
2.	No. of Courses for which applied for Accreditation	<b>NIL</b>
3.	Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for . . .Courses (specify the number of courses)	<b>In process</b>

d) **For each Programme the following details are to be given (Preferably in Tabular form):**

Sl.no.	Particular	Remark
1.	Name	B.Tech.
2.	Number of seats	180
3.	Duration	4 Years
4.	Cut off marks/rank of admission during the last three years	Through JoSAA / CSAB
5.	Fee (as approved by the state government)	Rs 2,12,850/-

6.	Placement Facilities	Yes
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Sl.no.	Particular	Remark
1.	Name	M.Tech.
2.	Number of seats	146
3.	Duration	2 Years
4.	Cut off marks/rank of admission during the last three years	Through CCMT
5.	Fee (as approved by the state government)	1,12,650/- Rs
6.	Placement Facilities	Yes

7. Campus placement in last three years with minimum salary, maximum salary and average salary

<b>COMPANY WISE STATUS</b>									
<b>PLACEMENT 2018-19</b>									
Sl. No.	COMPANY	B.TECH.		ADVANCE DIPLOMA		M.TECH.			
		HIGHEST PAY- 7.95 LPA		HIGHEST PAY- 3.34 LPA		HIGHEST PAY- 4.2 LPA			
		AVERAGE PAY- 4.6 LPA		AVERAGE PAY- 2.5 LPA		AVERAGE PAY- 3.7 LPA			
		ME (54)	MME (58)	FOUNDRY (45)	FORGE (34)	FFT (25)	ME (24)	EE (15)	MSE (18)
1	ASHOK LEYLAND	-	2	-	-	-	-	-	-
2	BEBITZ FLANGES	1	-	-	-	1	-	-	-
3	BONFIGLIOLI	1	-	-	-	2	-	-	-
4	CASTAMET	-	1	-	-	-	-	-	-
5	CRESCENT FOUNDRY	-	-	5	-	1	-	-	-
6	ELECTROSTEEL CASTING LTD.	2	-	-	-	-	-	-	-
7	ENDURANCE TECHNOLOGIES	2	1	-	-	-	-	-	-

8	FLOMETALLIC	-	-	2	-	-	-	-	-
9	FOSECO	1	1	-	-	1	-	-	-
10	GAHMA GLOBAL PVT LTD	-	-	1	-	-	-	-	-
11	HIL LTD	3	-	-	-	-	-	-	-
12	HINDALCO	-	4	-	-	-	-	-	-
13	JSW	6	-	-	-	-	-	-	-
14	KPMG	2	-	-	-	-	-	-	-
15	MAHADEV MANUFACTURERS	-	-	5	-	-	-	-	-
16	METSO INDIA PVE. LTD	-	-	2	-	-	-	-	-
17	PINK CITY JEWEL HOUSE	-	-	-	-	-	-	-	1
18	PTC INDUSTRIES	-	4	-	-	-	-	-	-
19	RRFL	-	-	-	2	-	-	-	-
20	ROCKMAN INDUSTRIES LTD	2	-	2	-	-	-	-	-
21	RSB TRANSMISSION	-	-	-	-	-	1	-	-
22	SHANGHAI FORGE LTD	-	1	-	4	-	-	-	-
23	SHIVALIK ENGINEERING INDUSTRIES LTD	-	1	11	-	5	-	-	-
24	SHIVAM AUTO TECH LTD	11	4	-	15	-	-	-	-

30 | Page

25	SRI RAM PISTON	-	-	1	1	-	-	-	-
26	SYNERGY GREEN INDUSTRIES LTD.	2	1	6	-	-	1	-	-
27	TATA MOTORS	1	3	-	-	-	-	-	-
28	TATA HITACHI	-	2	-	-	-	-	-	-
29	VEDANTA	5	6	-	-	-	-	-	-
30	ORIENTAL FOUNDRY	-	1	1	-	-	-	-	-
31	SONA FORGING	2	4	-	-	-	-	-	-
32	UTTAMGAUVA STEELS	-	8	-	-	-	-	-	-
33	HIGHER STUDIES	8	6	3	-	-	-	-	-
34	UMASHAKTI STEELS	2	-	2	-	1	-	-	-
35	VIRAJ PROFILE LTD	10	3	-	12	-	-	-	-
Total		61	53	41	34	11	2	0	1
Percentage		95.31	91.38	91.11	100.00	44.00	8.33	0.00	5.56

31 | Page



# PLACEMENT 2019-20

Sl. No.	COMPANY	B.TECH.		ADVANCE DIPLOMA		M.TECH.		
		HIGHEST PAY- 6.0 LPA		HIGHEST PAY- 4.7 LPA		HIGHEST PAY- 4.2 LPA		
		AVERAGE PAY- 4.05 LPA		AVERAGE PAY- 3.4 LPA		AVERAGE PAY- 3.4 LPA		
		ME (36)	MME (33)	FOUNDRY (37)	FORGE (42)	FFT (21)	ME (20)	EE (20)
1	GREY B	1	1	-	-	-	-	-
2	PATIL RAIL INFRASTRUCTURE	-	1	13	-	-	-	-
3	KPMG	-	1	-	-	-	-	-
4	SHRIRAM PISTONS & RINGS	1	3	2	1	-	-	-
5	TATA AUTOCOMP	2	1			-	-	-
6	MPM FOUNDRY SOLUTIONS	1	-	-	-	1	-	-
7	VIRAJ PROFILES	5	3	-	6	-	-	-
8	RN GUPTA AND CO. LTD	-	1	-	6	-	-	-
9	WELDOMAC ENGINEERING PVT. LTD.	2	-	-	-	-	-	-
10	JYVA ENGINEERING PVT. LTD.	-	2	-	-	-	-	-
11	MIDHANI	-	-	2	4	-	-	-
2	ZENITH	-	-	-	2	-	-	-
13	SUNSTAR PRECISION FORGE LTD.	-	-	-	6	-	-	-
14	ADVANCE FORGING PVT. LTD.	-	-	-	1	-	-	-
15	RAMKRISHNA FORGINGS LTD.	-	-	-	8	-	-	-
16	PARASON MACHINERY INDIA PVT. LTD.	-	-	2	-	-	-	-
17	BLUE STAR CASTING	-	-	1	-	1	-	-
18	BHARATIYA GROUP	-	-	1	-	-	-	-
19	GN ALTECH	-	-	3	-	-	-	-
20	ISGEC			1				
21	ESKO DIA CASTING			2				
22	VISION TECH							1
23	CALCUTTA EXPORT	-	-	6	-	-	-	-
24	3D FOUNDRY	-	-	-	-	1	-	-
25	BALAJI PRODUCT		1					
26	JSW	8	4					

27	BHARTIYA PETRO	1		1		1		
28	BYJU LEARNING	1						
29	KSB PUMP	1	4					
30	INNOVATIVE CLAD SOLUTION		1					
31	BONFIGLIOLI					1		
32	HAVELLS		1					
33	DEEMROLLS		1			1		
34	oriental foundry	1						
35	AIC CASTING	2						
36	LALBABA CORPORATION				5			
37	Natraj casting			2				
38	DUCAST	1	2					
39	HIGHER EDUCATION /GOV JOB	9	7	1	3	10	-	10
	STUDENTS PLACED	36/36.	33/33	37/37	42/42	15/21.	0/20.	11/20.
	PLACEMENT PERCENTAGE	100%	100%	100%	100%	71%	0%	55%

Campus Placement for the year 2020-2021

## PLACEMENT 2020-21

Sl. No.	COMPANY	B.TECH.		ADVANCE DIPLOMA		M.TECH.			
		HIGHEST PAY- 7.95 LPA		HIGHEST PAY- 3.4 LPA		HIGHEST PAY- 4.25 LPA			
		AVERAGE PAY- 5.05 LPA		AVERAGE PAY- 3.2 LPA		AVERAGE PAY- 4.25LPA			
		ME (19)	MME (57)	FOUNDRY (45)	FORGE (44)	FFT (14)	ME (13)	EE (9)	MSE (4)
1	VEDANTA		12	-	-	-	-	-	-
2	ANUGRAHA VALAVES	-	6		-	-	-	-	-
3	FRONTIER ALLOYS	4	2	-	-	-	-	-	-
4	SHIVAM AUTOTECH	1	4			-	3	-	-
5	HIMCAST			3		1	-	-	-
6	SYNERGY GREENS		2	-	-		-	-	-
7	KSB PUMPS		1	-		-	-	-	-
8	MPR REFRACTORIES	-	3	-		-	-	-	-

9	BONFIGIOLI		-	-	-	2	-	-	-
10	VIRAJ	2	4	-	-	-	-	-	-
19	VISHAWAKARMA AUTO	-	-	5	-	-	-	-	-
20	RKFL				8				
21	SYNERGY CASTING			13	14				
22	SHIVAM AUTOTECH				5				
23	PD FORGE	-	-		3	-	-	-	-
24	TALBROS	-	-		5		-	-	-
25	WALIA AUTO				5				
26	KISAAN STEEL				2				
27	NATRAJ CASTING			3					
28	CNF CASTING			4					
29	RAJASTHAN UDYOG			3					
30	EASTERN ALLOYS			4					
31	SONACOMSTAR	2	2						
32	GOVIND STEEL			3					
33	VISA STEEL		2						
34	ANAND POWER	2							
35	TVS BRAKES INDIA	1							
36	SYNERGY GREENS		2						
37	KPMG	1							
38	ERNST & YOUNG	1							
39	JSW		2						
40	L&T		1						
41	RAUSHEENA GROUP			2					
42	VISION TECH							2	
43	HAPPY FORGINGS				6				
44	WELSPUN	5	3						
45	KIRLOSKAR KBL		4						
46	UMA SHAKTI STEEL			4					
47	HIGHER EDUCATION /GOV JOB		7	1		5	6	5	1
	<b>STUDENTS PLACED</b>	<b>19/19.</b>	<b>57/57</b>	<b>45/45</b>	<b>44/44</b>	<b>8/14.</b>	<b>9/14.</b>	<b>7/9.</b>	<b>1/4</b>
	<b>PLACEMENT PERCENTAGE</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>57%</b>	<b>65%</b>	<b>77%</b>	<b>25%</b>

e) Name and duration of Programme(s)having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details:

1.	Details of the Foreign University	NIL
2.	Name of the University	NIL

<b>3.</b>	Address	<b>NIL</b>
<b>4.</b>	Website	<b>NIL</b>
<b>5.</b>	Accreditation status of the university in its home country	<b>NIL</b>
<b>6.</b>	Ranking of the University in the Home Country	<b>NIL</b>
<b>7.</b>	Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country	<b>NIL</b>
<b>8.</b>	Nature of Collaboration	<b>NIL</b>
<b>9.</b>	Conditions of Collaboration	<b>NIL</b>
<b>10.</b>	Complete details of payment a student has to make to get the full benefit of Collaboration	<b>NIL</b>

**f) For each Programme Collaborated provide the following:**

<b>1.</b>	Programme Focus	<b>NIL</b>
<b>2.</b>	Number of seats	<b>NIL</b>
<b>3.</b>	Admission Procedure	<b>NIL</b>
<b>4.</b>	Fee (as approved by the state government)	<b>NIL</b>
<b>5.</b>	Placement Facility	<b>NIL</b>
<b>6.</b>	Placement Records for last three years with minimum salary, maximum salary and average salary	<b>NIL</b>
<b>7.</b>	Whether the Collaboration Programme is approved by AICTE? If not whether the Domestic/ Foreign University has applied to AICTE for approval	<b>NIL</b>



## 7. Faculty

### a) Course/Branch wise list Faculty members:

#### 1. Permanent Faculty

S. No.	Department Name	Name of the employee	Designation	Nature of appointment
1.	ME	Dr. Sanjay Kumar	Professor	Permanent
2.	ME	Dr. Amitava Mandal	Professor	Permanent
3.	DASH	Dr. Arvind Panday	Professor	Permanent
4.	FORGE	Dr. Niranjan kumar singh	Professor	Permanent
5.	MME	Dr. Binod Kumar	Professor	Permanent
6.	FORGE	Dr. Rajkumar Ohdar	Professor	Permanent
7.	FOUNDRY	Dr. Kamlesh kumar singh	Professor	Permanent
8.	DASH	Dr. S. R. Kumar	Professor	Permanent
9.	ME	Dr. Ajai Kr. Pathak	Professor	Permanent
10.	DASH	Dr. Anil Kumar	Professor	Permanent
11.	FOUNDRY	Dr. Nandita Gupta	Professor	Permanent
12.	ME	Dr. Vijay Toppo	Professor	Permanent
13.	FORGE	Dr. Manoj Kumar	Professor	Permanent
14.	ME	Dr. Krishna kumar Verma	Asso. Prof.	Permanent
15.	MME	Dr. Banshidhara. Mallik	Asso. Prof.	Permanent
16.	FOUNDRY	Dr. Amitesh Kumar	Asso. Prof.	Permanent
17.	ME	Dr. Anoop Kr. Sood	Asso. Prof.	Permanent
18.	ME	Dr. G. Rajamohan	Asso. Prof.	Permanent
19.	MME	Dr. Ghanshyam Das	Asso. Prof.	Permanent
20.	DASH	Mrs. Sujata Smiti Gupta	Asso. Prof.	Permanent
21.	DASH	Mrs. Madhu Kumari	Asso. Prof.	Permanent
22.	ME	Mr. V.M.S.Hussain	Asso. Prof.	Permanent
23.	MME	Dr. Dabdas Roy	Asso. Prof.	Permanent
24.	ME	Mr. Subrato Kr. Soren	Assit.t. Prof.	Permanent
25.	MME	Mr. Ratnesh K. Gupta	Assit.t. Prof.	Permanent
26.	MME	Dr. Chinmoy Chattopadhyay	Assit.t. Prof.	Permanent
27.	ME	Dr. Ratnakar Das	Assit.t. Prof.	Permanent
28.	DASH	Dr. Partha S. Mondal	Assit.t. Prof.	Permanent
29.	ME	Dr. Sambit Kr. Parida	Assit.t. Prof.	Permanent
30.	DASH	Dr. Subhankar Basu	Assit.t. Prof.	Permanent
31.	DASH	Dr. Vikash Kr. Gupta	Assit.t. Prof.	Permanent
32.	FORGE	Mr. Vineet Chak	Assit.t. Prof.	Permanent
33.	MME	Mr. Koushik Sikdar	Assit.t. Prof.	Permanent
34.	FORGE	Dr. Ajit kumar Pramanick	Assit.t. Prof.	Permanent
35.	ME	Mr. Anand Mohan. Murmu	Assit.t. Prof.	Permanent
36.	ME	Dr. Umesh Khandey	Assit.t. Prof.	Permanent

37.	ME	Dr. Jagesvar Verma	Assit.t. Prof.	Permanent
38.	DASH	Dr. Sriparna Chattopadhyay	Assit.t. Prof.	Permanent
39.	DASH	Dr. H. Vignesh Babu	Assit.t. Prof.	Permanent
40.	FORGE	Dr. Deepak Kumar	Assit.t. Prof.	Permanent
41.	ME	Dr. Aruna Thakur	Assit.t. Prof.	Permanent
42.	DASH	Dr. Abhilash T. Nair	Assit.t. Prof.	Permanent
43.	MME	Dr. Tapbrata Maity	Assit.t. Prof.	Permanent
44.	FOUNDRY	Dr. Himanshu Khandelwal	Assit.t. Prof.	Permanent
45.	FORGE	Dr. Kulkarni Rahul Ramesh	Assit.t. Prof.	Permanent

2. Contact Faculty : **12**

3. Permanent Faculty: Student Ratio : **1:20**

4. Number of Faculty employed and left during the last three years:

Year	Faculty employed	Faculty Left
2021-22	12 (Contractual)	03
2020-21	00	01
2019-20	13	00

## **8. Profile Director**

1. For each Faculty give a page covering with Passport size photograph



2. Name : Partha Protim Chattopadhyay
3. Date of Birth : 01-09-1961
4. Unique ID : 2876-8429-6679
5. Education Qualification : PhD degree from Indian Institute of Technology, Kharagpur in 2000

### **a) Work Experience**

Professor Chattopadhyay served in Hindustan Motors Limited, Uttarpradesh, West Bengal as Foundry Engineer from 1985-90 and as Promotion Officer in Ministry of Industries (SISI), Gol during 1990-91. Subsequently, he joined erstwhile Bengal Engineering College and served in different capacities including Professor and Head of Metallurgy and Materials and Engineering and Dean (Faculty of Engineering and Technology) in Bengal Engineering and Science University, Shibpur. Professor Chattopadhyay has supervised 11 doctoral scholars and published about 127 papers in international Journal of repute and 36 peer reviewed papers in conference proceedings. He has received several awards out of which worth mentioning are guests scientist under the funding of Gottfried Wilhelm Leibniz program at University of Ulm, Germany (2001-02), Commonwealth Academic Fellowship award at University of Cambridge in 2004, Metallurgist of the year award by Ministry of steel (Gol), Eminent Engineer award by The Institution of Engineers (India) in 2014 and MRSI Medal in 2014. He has acted as Principal and Co-Principal Investigator of different research projects amount in about Rs. 9 crores. He is member of several professional bodies including Council Member of Indian Institute of Metals and Fellow of Institution of Engineers (India). His research interest includes phase transformation in metal and alloys and microstructure property correlation of materials.

**b) Research guidance (Number of Students)**

<b>Sl No.</b>	<b>Particular</b>	<b>Remark</b>
<b>1.</b>	No. of papers published in National/ International Journals/ Conferences	165-
<b>2.</b>	Master (Completed/Ongoing)	18-
<b>3.</b>	Ph.D. (Completed/Ongoing)	-19
<b>4.</b>	Projects Carried out	<b>08</b>
<b>5.</b>	Patents (Filed & Granted)	01

**9. Fee**

**a)** Details of Fee, as approved by State Fee Committee, for the Institution: Course wise fee detail is given on Institute website i.e. **[www.nifft.ac.in](http://www.nifft.ac.in)**





## Fee Structure

[Print](#)

### Approved Fee Structure (in Indian Rupees)- July, 2014 onwards

Sl. No.	Details of fee	ADC Course	B. Tech Course	M. Tech Course	PhD. Programme
(A)	Institute Fee ( Payable Every Semester)				
	Tuition Fee (Payable in equivalent INR)	10000*	17000*	18000*	10000
	Computer fee	500	1000	1000	1000
	Internet access fee	150	300	300	300
	Library access fee	500	1000	1000	1000
	Examination fee	300	900*	900*	
	Registration/ Enrollment fee	200	200	200	200
	Cyberkafra fee	100	300	300	
	Medical fee	500	500	500	500
	<b>Total</b>	<b>12500</b>	<b>20000</b>	<b>21800</b>	<b>13300</b>
(B)	Institute Fee ( Payable at the time of Admission)				
	Admission fee	200	200	200	200
	Grade cards	150	150	150	150
	Alumni Admission Seminar/ Thesis fee	200	500	500	500
	Seminar/ Thesis fee				900
	Institute Deposit (Refundable)	1500	3000	3000	3000
	Library Deposit (Refundable)	1000	2000	2000	2000
	<b>Total</b>	<b>3050</b>	<b>6850</b>	<b>6850</b>	<b>6850</b>
(C)	Hostel Fees ( Payable Every Semester)				
	Establishment charges	3000	3000	3000	3000
	Board (Board inclusive of electricity & water charges)	1800	1800	1800	1800
	<b>Total</b>	<b>4800</b>	<b>4800</b>	<b>4800</b>	<b>4800</b>
(D)	Hostel Fees (Payable at the time of Admission)				
	Hostel Admission fee	300	200	200	200
	Hostel Deposit (Refundable)	2000	2000	2000	2000
	<b>Total</b>	<b>2300</b>	<b>2200</b>	<b>2200</b>	<b>2200</b>
	<b>Total Fee Payable Every Semester</b>	<b>17100</b>	<b>25600</b>	<b>26600</b>	<b>16100</b>
	<b>Total Fee Payable at the Time of Admission</b>	<b>22550</b>	<b>33650</b>	<b>34650</b>	<b>27100</b>

\* excluding examination fee payable to MHRD University as per actuals. At present B. Tech. (Rs. 1850+Rs. 80) (during M. Tech. (Rs. 2050+Rs. 80) (during)

\* any concession for SC/ST students will be passed on to them through refund/adjustment to semester fee after receiving instruction from MHRD

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For any queries regarding the website please contact: Web Information Manager



b) Time schedule for payment of Fee for the entire Programme : Yes

c) No. of Fee waivers granted with amount and name of students : NIL

d) Number of scholarship offered by the Institution, duration and amount :

Sl.no	Particular	Remark
1.	Scholarship offered by the Institution	Merit - Cum Means
2.	Duration	1 Year
3.	Amount	Rs 34,000/-

e) Criteria for Fee waivers : NIL

f) Estimated cost of boarding and Lodging in Hostels : Cost of  
boarding and lodging in Hostels is given with course wise fee detail as uploaded on Institute website i.e.  
[www.nifft.ac.in](http://www.nifft.ac.in)

## 10. Admission

a) Number of seats sanctioned with the year of approval: 1080 sanctioned seats

Course	Year	Seats sanctioned
A.D.C	2020-2022	115
	2021-2023	115

Course	Year	Seats sanctioned
B.Tech	2018-2022	120
	2019-2023	138
	2020-2024	150
	2021-2025	150

Course	Year	Seats sanctioned
M.Tech	2020-2022	146
	2021-2023	146

b) Number of Students admitted under various categories each year in the last three years :

### ADC

Year		Gen	ST	SC	OBC	EWS	Pwd	Total
2019-21	Strength	48	6	14	24	0	0	92
	Actual Admission	47	6	14	24	0	0	91

2020-22	Strength	47	9	17	31	10	1	115
	Actual Admission	34	5	15	37	7	1	99
2021-23	Strength	47	9	17	31	10	1	115
	Actual Admission	47	7	11	31	3	0	99

### B.Tech.

Year		Gen	ST	SC	OBC	EWS	Pwd	Total
2019-23	Strength	60	11	20	38	9	0	138
	Actual Admission	55	11	17	35	8	1	127
2020-24	Strength	62	11	22	40	15	0	150
	Actual Admission	62	11	19	39	14	0	145
2021-25	Strength	62	11	22	40	15	0	150
	Actual Admission	62	09	21	36	04	0	132

### M.Tech.

Year		Gen	ST	SC	OBC	EWS	Pwd	Total
2019-21	Strength	58	9	17	32	0	0	116
	Actual Admission	39	3	5	4	0	0	51
2020-22	Strength	61	10	21	40	14	0	146
	Actual Admission	45	0	10	9	2	0	66
2021-23	Strength	59	11	22	40	14	0	146
	Actual Admission	25	2	5	08	2	0	42

## 11. Admission Procedure:

1. Mention the admission test being followed, name and address of the Test Agency/State Admission Authorities and its URL (website)

Sl.no	Particular	Entrance Test	Admission Through
1.	ADC	Through Institute entrance Test	Institute (i.e. NIAMT, Ranchi)
2.	B.Tech.	JEE Mains	JoSAA / CSAB
3.	M.Tech.	GATE	CCMT

4.	PhD	GATE	College (i.e. NIAMT, Ranchi)
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2. Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test etc.) : **NIL**

**a) Calendar for admission against Management/vacant seats:**

Sl. NO.	Particular	Remark
1.	Last date of request for applications	<b>NIL</b>
2.	Last date of submission of applications	<b>NIL</b>
3.	Dates for announcing final results	<b>NIL</b>
4.	Release of admission list (main list and waiting list shall be announced on the same day)	<b>NIL</b>
5.	Date for acceptance by the candidate (time given shall in no case be less than 15days)	<b>NIL</b>
6.	Last date for closing of admission	<b>NIL</b>
7.	Starting of the Academic session	<b>NIL</b>
8.	The waiting list shall be activated only on the expiry of date of main list	<b>NIL</b>
9.	The policy of refund of the Fee, in case of withdrawal, shall be clearly notified	<b>NIL</b>

**12. Criteria and Weightages for Admission:**

Sl. NO.	Particular	Remark
1.	Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.	<b>NIL</b>
2.	Mention the minimum Level of acceptance, if any	<b>NIL</b>
3.	Mention the cut-off Levels of percentage and percent ile score of the candidates in the admission test for the last three years	<b>NIL</b>
4.	Display marks scored in Test etc. and in aggregate for all candidates who were admitted	<b>NIL</b>

**13. List of Applicants:**

Sl. NO.	Particular	Remark
1.	List of candidate whose applications have been received along with percentile/percentages core for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats (merit wise)	<b>NIL</b>



#### 14. Results of Admission Under Management seats/Vacant seats:

Sl. NO.	Particular	Remark
1.	Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over)	NIL
2.	Score of the individual candidate admitted arranged in order or merit	NIL
3.	List of candidate who have been offered admission	NIL
4.	Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate	NIL
5.	List of the candidate who joined within the date, vacancy position in each category before operation of waiting list	NIL

#### 15. Information of Infrastructure and Other Resources Available

1. Number of Class Rooms & Tutorial rooms and their size of each :

(LECTURE HALL GROUND FLOOR)						
Sl. No.	Room No.	Room type (mention Classroom/ Laboratory)	Carpet area (in m <sup>2</sup> )	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
1	101	LECTURE HALL	184.32 m <sup>2</sup>	YES	YES	YES
2	102	OFFICE ROOM	42.94 m <sup>2</sup>	II	II	II
3	103	LECTURE HALL	186.96 m <sup>2</sup>	II	II	II
4	104	ELECTRICAL ROOM	21.73 m <sup>2</sup>	II	II	II
5	105	LECTURE HALL	133.92 m <sup>2</sup>	II	II	II
6	106	STAFF ROOM	87.81 m <sup>2</sup>	II	II	II
7	107	LECTURE HALL	138.96 m <sup>2</sup>	II	II	II
8	108	ROOM	11.97 m <sup>2</sup>	II	II	II

(LECTURE HALL FIRST FLOOR)						
10	201	LECTURE HALL	184.32 m <sup>2</sup>	II	II	II
11	202	LECTURE HALL	186.96 m <sup>2</sup>	II	II	II
12	203	LECTURE HALL	133.92 m <sup>2</sup>	II	II	II
13	204	LECTURE HALL	138.96 m <sup>2</sup>	II	II	II
14	205	OFFICE ROOM	42.94 m <sup>2</sup>	II	II	II
15	206	STAFF ROOM	87.81 m <sup>2</sup>	II	II	II
16	207	ROOM	11.97 m <sup>2</sup>	II	II	II
17	208	ELECTRIC ROOM	21.73 m <sup>2</sup>	II	II	II

(LECTURE HALL SECOND FLOOR FLOOR)						
19	301	LECTURE HALL	184.32 m2	u	u	u
20	302	LECTURE HALL	186.96 m2	u	u	u

AB. DHANESH KUMAR  
REGT. NO. - CA/17/84510

THE CAWAT & ROAD BOARD  
PARTNER  
HONORARY

CA/17/84510

### 3. Number of Laboratories and size of each

(LABORATORY BUILDING)							
Sl. No.	Room No.	Room type (mention Classroom/ Laboratory/)	ROOM NO.	Carpet area (in m2)	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
1	501			75.31	u	u	u
2	502			76.32	u	u	u
3	503			78.50	u	u	u
4	504			75.93	u	u	u
5	505			52.89	u	u	u
6	506			216.06	u	u	u

AB. DHANESH KUMAR  
REGT. NO. - CA/17/84510

THE CAWAT & ROAD BOARD  
PARTNER  
HONORARY

CA/17/84510

### 4. Number of Drawing Halls with capacity of each: **Two (Capacity 60 each)**

5. Number of Computer Centres with capacity of each :



Central Computer Center (C.C.C.) is mainly concerned to boost the IT Infrastructure Development, Maintenance and Growth of employees and students at NIFFT. It provides Campus Wide Wired Network, Wide Wi-Fi Network, advanced Computing facility and Campus Wide Software.

Presently, CCC Lab has **120 numbers of Desktop Computers** dedicated to provide facilities to students and Recruitment Online Testing. It manages the Institute Email Application and also provides the interface between the Institute and Department.

## Services:

The campus wide wired local area network of the institute encompasses the entire institute and provides a primarily gigabit converged network to all the departments, centers and sections of the institute including their computer laboratories, academic, technical, and administrative staff offices, and classrooms. It also extends to the boys and girl's student hostels and staff residences.

•Wired Network

•Wireless Network

•Campus Network Security

•Institute Website

•Campus Wide Software Licensing

•Computer Lab

System

Desktop Computer ( Intel Core i7 7700, 7 th Gen, 8th GB RAM, 1000GB ROM & Windows 10 professional

LAN Network

Core Switch (Brocade ICX 7750-48F) & Access Switch (Brocade ICX 7250 24 P)

Wi-fi Network

(WLC)Wireless LAN Controller & Aruba 7210 & Wireless Access Point (Aruba 325)

Security

UTM (Unified Threat Management), Fort iGATE 600D

The campus wide wired local area network of the institute encompasses the entire institute and provides a primarily gigabit converged network to all the departments, centers and sections of the institute including their computer laboratories, academic, technical, and administrative staff offices, and classrooms. It also extends to the boys and girls student hostels and staff residences.



Sl. NO.	Particular	Remark
6.	Central Examination Facility, Number of rooms and capacity of each	Available -
7.	Online examination facility (Number of Nodes, Internet bandwidth, etc.)	100-
8.	Barrier Free Built Environment for disabled and elderly persons	Available
9.	Occupancy Certificate	-
10.	Fire and Safety Certificate	Applied.
11.	Hostel Facilities	Yes

a) Library :

Sl. NO.	Particular	Remark
1.	Number of Library books	50,450
2.	Number of Library books	27,496
3.	Number of Library books	37
4.	List of online National/ International Journals subscribed	-

List of Online Journals for 2021			
Sl. No.	Subject Collection	ISSN	Title
1	Materials Science	1359-6454	Acta Materialia
2	Materials Science	2214-8604	Additive Manufacturing
3	Materials Science	0921-8831	Advanced Powder Technology
4	Materials Science	0169-4332	Applied Surface Science
5	Materials Science	0007-8506	CIRP Annals
6	Materials Science	0927-0256	Computational Materials Science
7	Engineering	0010-4485	Computer-Aided Design
8	Engineering	0360-8352	Computers & Industrial Engineering
9	Engineering	0890-6955	International Journal of Machine Tools and Manufacture
10	Environmental Science	0301-4797	Journal of Environmental Management
11	Environmental Science	1001-0742	Journal of Environmental Sciences
12	Engineering	1526-6125	Journal of Manufacturing Processes
13	Engineering	0278-6125	Journal of Manufacturing Systems
14	Engineering	0924-0136	Journal of Materials Processing Technology
15	Materials Science	1005-0302	Journal of Materials Science & Technology
16	Materials Science	1044-5803	Materials Characterization
17	Materials Science	0032-5910	Powder Technology
18	Computer Science	0736-5845	Robotics and Computer-Integrated Manufacturing
19	Materials Science	1383-5866	Separation and Purification Technology
20	Environmental Science	2214-7144	Journal of Water Process Engineering
21	Environmental Science	0304-3894	Journal of Hazardous Materials
22	Environmental Science	0956-053X	Waste Management
23	Environmental Science	0921-3449	Resources, Conservation & Recycling
24	Environmental Science	2213-3437	Journal of Environmental Chemical Engineering
25	Physics and Astronomy	0022-3697	Journal of Physics and Chemistry of Solids
26	Physics and Astronomy	0079-6786	Progress in Solid State Chemistry
27	Physics and Astronomy	0921-4526	Physica B: Condensed Matter
28	Physics and Astronomy	0167-2738	Solid State Ionics

5.	E- Library facilities	YES
6.	National Digital Library(NDL) subscription details	NIL

**b) Laboratory and Workshop**

1. List of Major Equipment/Facilities in each Laboratory/ Experimental Setup in each Laboratory: -

LABORATORY DETAILS				
Sr. No.	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Foundry Technology
1	Course:	FOUNDRY TECHNOLOGY	Level:	Post Graduate
	Name of the Laboratory:	Casting Simulation Laboratory	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Procast	Building Name	WORKSHOP
	Building Number	1		
Sr. No.	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Foundry Technology
2	Course:	FOUNDRY TECHNOLOGY	Level:	Under Graduate
	Name of the Laboratory:	Casting Simulation Laboratory	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Procast	Building Name	WORKSHOP
	Building Number	1		
Sr. No.	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Metallurgical And Materials Engineering
3	Course:	METALLURGICAL AND MATERIALS ENGINEERING	Level:	Under Graduate
	Name of the Laboratory:	Ceramic Lab	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Crushing And Grinding Units	Building Name	Lab Building

Sr. No. 4	Building Number	1		
	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Foundry Technology
	Course:	FOUNDRY TECHNOLOGY	Level:	Post Graduate
	Name of the Laboratory:	Characterization Lab.	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Microhardness Tester, Image Analyser	Building Name	WORKSHOP
Sr. No. 5	Building Number	1		
	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Foundry Technology
	Course:	FOUNDRY TECHNOLOGY	Level:	Post Diploma
	Name of the Laboratory:	Characterization Laboratory	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Metallurgical Microscope With Image Analysis Software, Microhardness Tester	Building Name	WORK SHOP
Sr. No. 6	Building Number	1		
	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Chemistry
	Course:	CHEMISTRY	Level:	Under Graduate
	Name of the Laboratory:	Chemistry	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Centrifuge, Potentiometer, Weighing Balance	Building Name	Data Not Available
Sr. No. 7	Building Number	Data Not Available		
	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Mechanical Engineering
	Course:		Level:	Under Graduate
	Name of the Laboratory:	Cnc Laboratory	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Cnc Turning, Cnc Milling	Building Name	Lab Building
Sr. No. 8	Building Number	1		
	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Other
	Course:	other	Level:	Under Graduate
	Name of the Laboratory:	Electrical Lab	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Data Not Available	Building Name	Lab Building
Sr. No. 9	Building Number	1		
	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Other
	Course:	ELECTRONICS COMMUNICATION AND INSTRUMENTATION ENGG	Level:	Under Graduate
	Name of the Laboratory:	Electronics Lab	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Data Not Available	Building Name	Lab building
Sr. No. 10	Building Number	1		
	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Environmental Engineering
	Course:	ENVIRONMENTAL ENGINEERING	Level:	Post Graduate
	Name of the Laboratory:	Environmental Engineering	Is it Research lab for PG Course(Y/N):	Yes
	Major Equipments:	Chemical Oxygen Demand Digester, Biochemical Oxygen Demand Incubator , Kjeldahl Distillation Unit	Building Name	Data Not Available
Sr. No.	Building Number	1		
	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Manufacturing Engineering



11	Course:	MANUFACTURING ENGINEERING	Level:	Under Graduate
	Name of the Laboratory:	Fms Lab	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Cnc Trainer, Robot, Cnc Software	Building Name	ME LAB
	Building Number	1		
Sr. No.	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Foundry Technology
12	Course:	FOUNDRY TECHNOLOGY	Level:	Post Diploma
	Name of the Laboratory:	Forge Workshop	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Messey/Nee Pneumatic Power Hammer(Cap-50 Kg), Massey/Nee Pneumatic Power Hammer (Cap-150 Kg),	Building Name	WORK SHOP
	Building Number	1		
Sr. No.	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Manufacturing Engineering
13	Course:	MANUFACTURING ENGINEERING	Level:	Under Graduate
	Name of the Laboratory:	Machine Shop	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Abrasive Wheel Cutter With Stand, Lathe Machine, Milling Machine, Grinding Machine	Building Name	WORKSHOP
	Building Number	1		
Sr. No.	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Metallurgical And Materials Engineering
14	Course:	METALLURGICAL AND MATERIALS ENGINEERING	Level:	Under Graduate
	Name of the Laboratory:	Mechanical Testing Lab	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Vicker Pyramid Hardness Testing Machine, Brinell Hardness Testing Machine 60 T	Building Name	Lab Building
	Building Number	01		
Sr. No.	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Foundry Technology
15	Course:	FOUNDRY TECHNOLOGY	Level:	Post Diploma
	Name of the Laboratory:	Melting Laboratory	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Induction Furnace, Oil Fired Furnace, High Pressure Die Casting, Cupola, Sand Plant, Shell Molding	Building Name	WORKSHOP
	Building Number	1		
Sr. No.	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Manufacturing Engineering
16	Course:	MANUFACTURING ENGINEERING	Level:	Under Graduate
	Name of the Laboratory:	Metallographic Image Analyzer And Dia Lab.	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Ballistic Galvanometer, Stefan's Constant 2 Nos., Newtons Ring-3 Nos., Lee's Apparatus-3 Nos.	Building Name	Lab Building
	Building Number	01		
Sr. No.	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Metallurgical And Materials Engineering
17	Course:	METALLURGICAL AND MATERIALS ENGINEERING	Level:	Under Graduate



Sr. No.	18	Name of the Laboratory:	Metallographic Image Analyzer And Dia Lab	Is it Research lab for PG Course(Y/N):	No
		Major Equipments:	Differential Thermal Analyzer Machine, Nikon Metallurgical Microscope	Building Name	Lab Building
		Building Number	01		
Sr. No.	19	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Foundry Technology
		Course:	FOUNDRY TECHNOLOGY	Level:	Post Graduate
		Name of the Laboratory:	Methoding Of Casting	Is it Research lab for PG Course(Y/N):	No
Sr. No.	20	Major Equipments:	Different Types Of Gating Systems	Building Name	WORKSHOP
		Building Number	1		
		Programme:	ENGINEERING AND TECHNOLOGY	Department:	Metallurgical And Materials Engineering
Sr. No.	21	Course:	METALLURGICAL AND MATERIALS ENGINEERING	Level:	Under Graduate
		Name of the Laboratory:	Metrology Lab	Is it Research lab for PG Course(Y/N):	No
		Major Equipments:	Electronic Comparator, Autocolimator, Profile Projector, 3-D Coordinate	Building Name	Lab Building
Sr. No.	22	Building Number	01		
		Programme:	ENGINEERING AND TECHNOLOGY	Department:	Other
		Course:	MODELLING AND SIMULATION	Level:	Post Graduate
Sr. No.	23	Name of the Laboratory:	Modelling And Simulation Lab	Is it Research lab for PG Course(Y/N):	No
		Major Equipments:	Deform Software	Building Name	Lab Building
		Building Number	01		
Sr. No.	24	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Manufacturing Engineering
		Course:	MANUFACTURING ENGINEERING	Level:	Under Graduate
Sr. No.	25	Name of the Laboratory:	Modern Machine Lab	Is it Research lab for PG Course(Y/N):	No
		Major Equipments:	Ecm	Building Name	ME LAB
		Building Number	1		
Sr. No.	26	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Metallurgical And Materials Engineering
		Course:	METALLURGICAL AND MATERIALS ENGINEERING	Level:	Under Graduate
		Name of the Laboratory:	Modern Machining Lab	Is it Research lab for PG Course(Y/N):	No
Sr. No.	27	Major Equipments:	Ecm Machine	Building Name	Lab Building
		Building Number	01		
		Programme:	ENGINEERING AND TECHNOLOGY	Department:	Metallurgical And Materials Engineering
Sr. No.	28	Course:	METALLURGICAL AND MATERIALS ENGINEERING	Level:	Under Graduate
		Name of the Laboratory:	Non Distractive Lab	Is it Research lab for PG Course(Y/N):	No
		Major Equipments:	Fluorescent Penetrant Inspection Equipment Magnetic Crack Detector	Building Name	Lab Building
Sr. No.	29	Building Number	01		
		Programme:	ENGINEERING AND TECHNOLOGY	Department:	Manufacturing Engineering
		Course:	MANUFACTURING	Level:	Under Graduate

		ENGINEERING		
	Name of the Laboratory:	Pattern Shop	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Wood Milling Machine, Ogh Thickness Planner, Wood Turning Machine, Wood Grinding Machine	Building Name	WORKSHOP
	Building Number	01		
Sr. No.	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Physics
25	Course:	PHYSICS	Level:	Under Graduate
	Name of the Laboratory:	Physics	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Hall Effect, Four-Probe Setup, Diode And Transistor Training Kit, Planck Constant Measurement Kit	Building Name	Data Not Available
	Building Number	Data Not Available		
Sr. No.	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Metallurgical And Materials Engineering
26	Course:	METALLURGICAL AND MATERIALS ENGINEERING	Level:	Under Graduate
	Name of the Laboratory:	Physics II Including Ntd Lab	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Storing Oscilloscope With Wave Form Processor, 20 Mhz-1 No, Oscilloscope-5 Nos, Dual Trace	Building Name	Lab Building
	Building Number	01		
Sr. No.	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Metallurgical And Materials Engineering
27	Course:	METALLURGICAL AND MATERIALS ENGINEERING	Level:	Under Graduate
	Name of the Laboratory:	Sample Preparation Lab	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Induction Heating Furnace, High Temperature Furnace, Sample Preparation Equipments	Building Name	Lab Building
	Building Number	01		
Sr. No.	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Foundry Technology
28	Course:	FOUNDRY TECHNOLOGY	Level:	Post Diploma
	Name of the Laboratory:	Sand Laboratory	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Permeability Meter, Shatter Index Tester, Mold Hardness Tester, Universal Testing Machine,	Building Name	WORK SHOP
	Building Number	01		
Sr. No.	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Metallurgical And Materials Engineering
29	Course:	METALLURGICAL AND MATERIALS ENGINEERING	Level:	Under Graduate
	Name of the Laboratory:	Servo Hydraulic Dynamic Testing Lab	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Servo Hydraulic Dynamic Testing Machine, Chiller Unit	Building Name	Lab Building
	Building Number	01		
Sr. No.	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Metallurgical And Materials Engineering
30	Course:	METALLURGICAL AND MATERIALS ENGINEERING	Level:	Under Graduate

Sr. No. 31	Name of the Laboratory:	Welding Lab	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Smaw, Mig, Saw, Resistance Spot Welding, Air Plasma Arc Cutting, Pug Machine, Spray Coating	Building Name	Lab Building
	Building Number	01		
	Programme:	ENGINEERING AND TECHNOLOGY	Department:	Metallurgical And Materials Engineering
	Course:	METALLURGICAL AND MATERIALS ENGINEERING	Level:	Under Graduate
	Name of the Laboratory:	X-Ray Radiographic Lab	Is it Research lab for PG Course(Y/N):	No
	Major Equipments:	Xrd	Building Name	Lab Building
	Building Number	01		

c) Computing Facilities

**CENTRALIZED COMPUTER CENTRE (C.C.C.)  
NIAMT, RANCHI**

SL. No.	Computing Facilities	Remarks
1.	Internet Bandwidth	(I) 1000 Mbps, NKN (II) 300 Mbps, PowerGrid
2	Number and configuration of System	120 Nos
3	Total number of systems connected by LAN	120 Nos
4	Total number of systems connected by WAN	No
5	Major software packages available	ANSYS - 30 License MATLAB (Campus License) - Unlimited DEFORM - 3 License CATIA - 30 License SIMUFACT - 15 License PROCAST - 23 License MINITAB - 15 License Microsoft (Campus License) - 120 License Sophos (End Point Security) - 1000 License Windows 10 Professional (OS) - 120 License Red Hat Linux - 4 License
6	Special purpose facilities available (Conduct of online Meetings/Webinars/Workshops, etc.)	Yes
7	Facilities for conduct of classes/courses in online mode (Theory & Practical)	Yes
8	Innovation Cell	Yes
9	Social Media Cell	Yes
10	Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments	Yes (Details are available at Academic Section)

  
Dr. Anoop Kumar Sood 06/04/2022

Chairman-Centralized Computer Centre



**d) List of facilities available**

<b>Sl. NO.</b>	<b>Particular</b>	<b>Remark</b>
<b>1.</b>	Games and Sports Facilities	Yes
<b>2.</b>	Extra-Curricular Activities	Yes
<b>3.</b>	Soft Skill Development Facilities	Yes

**e) Teaching Learning Process**

1. Curricula and syllabus for each of the Programmes as approved by the University ; Yes
2. Academic Calendar of the University





# JHARKHAND UNIVERSITY OF TECHNOLOGY

SCIENCE & TECHNOLOGY CAMPUS, SIKKHATOLI, NAMKUM, RANCHI-834010

(www.jutranchi.ac.in)

Letter no. - JUT - 292-2019/208

/ Ranchi,

Date:- 24/02/2022

## Notification

In pursuance of decision taken under agenda no. 13 (03) of 12<sup>th</sup> meeting of the Academic Council, held on 17/02/22 (said proceeding of the meeting notified vide letter No. JUT-189/2019/182, dated 18/02/2022), as per below details revised Academic & Examinations Calendar for academic Year 2021-22 is being notified herewith:-

DIPLOMA 1 <sup>st</sup> SEMESTER			
S.NO.	ACTIVITY	ODD SEMESTER	EVEN SEMESTER
01	Commencement of class	25 <sup>th</sup> Feb. 2022	2 <sup>nd</sup> July 2022
02	1 <sup>st</sup> Mid semester exam	01 <sup>st</sup> April - 07 <sup>th</sup> April 2022	1 <sup>st</sup> Aug - 07 <sup>th</sup> Aug 2022
03	2 <sup>nd</sup> Mid semester exam	23 <sup>rd</sup> May - 28 <sup>th</sup> May 2022	10 <sup>th</sup> Sep - 16 <sup>th</sup> Sep 2022
04	Examination form fill-up & Verification	30 <sup>th</sup> May - 10 <sup>th</sup> June 2022	12 <sup>th</sup> Aug - 16 <sup>th</sup> Aug 2022
05	Viva Voce Examination External /Internal	03 <sup>rd</sup> June - 07 <sup>th</sup> June 2022	20 <sup>th</sup> Sep - 21 <sup>st</sup> Sep 2022
06	Submission of External /Internal marks	09 <sup>th</sup> June - 16 <sup>th</sup> June 2022	27 <sup>th</sup> Sep - 30 <sup>th</sup> Sep 2022
07	End Semester Exam (University Exam)	12 <sup>th</sup> June - 23 <sup>rd</sup> June 2022	12 <sup>th</sup> Nov - 26 <sup>th</sup> Nov 2022
08	Result Publication	3 <sup>rd</sup> Week of July 2022	3 <sup>rd</sup> Week of Dec 2022

DIPLOMA 4 <sup>th</sup> & 6 <sup>th</sup> SEMESTER			
S.NO.	ACTIVITY	ODD SEMESTER	EVEN SEMESTER
01	Commencement of class	1 <sup>st</sup> Oct. 2021	25 <sup>th</sup> Feb. 2022
02	1 <sup>st</sup> Mid semester exam	06 <sup>th</sup> Dec - 11 <sup>th</sup> Dec 2021	01 <sup>st</sup> April - 07 <sup>th</sup> April 2022
03	2 <sup>nd</sup> Mid semester exam	10 <sup>th</sup> Jan - 17 <sup>th</sup> Jan 2022	23 <sup>rd</sup> May - 28 <sup>th</sup> May 2022
04	Examination form fill-up & Verification	18 <sup>th</sup> Jan - 28 <sup>th</sup> Jan 2022	30 <sup>th</sup> May - 10 <sup>th</sup> June 2022
05	Viva Voce Examination External /Internal	25 <sup>th</sup> Jan - 28 <sup>th</sup> Jan 2022	03 <sup>rd</sup> June - 07 <sup>th</sup> June 2022
06	Submission of External /Internal marks	29 <sup>th</sup> Jan - 06 <sup>th</sup> Feb 2022	09 <sup>th</sup> June - 16 <sup>th</sup> June 2022
07	End Semester Exam (University Exam)	31 <sup>st</sup> Jan - 14 <sup>th</sup> Feb 2022	12 <sup>th</sup> June - 23 <sup>rd</sup> June 2022
08	Result Publication	2 <sup>nd</sup> Week Of March 2022	3 <sup>rd</sup> Week of July 2022

B. TECH 1 <sup>st</sup> SEM. & 3 <sup>rd</sup> SEM. (LATERAL ENTRY)			
S.NO.	ACTIVITY	ODD SEMESTER	EVEN SEMESTER
01	Commencement of class	1 <sup>st</sup> Feb. 2022	6 <sup>th</sup> June 2022
02	1 <sup>st</sup> Mid semester exam	7 <sup>th</sup> March - 12 <sup>th</sup> March 2022	7 <sup>th</sup> July - 12 <sup>th</sup> July 2022
03	2 <sup>nd</sup> Mid semester exam	6 <sup>th</sup> April - 12 <sup>th</sup> April 2022	12 <sup>th</sup> Aug - 20 <sup>th</sup> Aug 2022
04	Examination form fill-up & Verification	25 <sup>th</sup> April - 30 April 2022	22 <sup>nd</sup> Aug - 30 <sup>th</sup> Aug 2022
05	Viva Voce Examination External /Internal	1 <sup>st</sup> May - 3 <sup>rd</sup> May 2022	5 <sup>th</sup> Sep - 10 <sup>th</sup> Sep 2022
06	Submission of External /Internal marks	5 <sup>th</sup> May - 8 <sup>th</sup> May 2022	11 <sup>th</sup> Sep - 14 <sup>th</sup> Sep 2022
07	End Semester Exam (University Exam)	12 <sup>th</sup> May - 26 <sup>th</sup> May 2022	15 <sup>th</sup> Sep - 27 <sup>th</sup> Sep 2022
08	Result Publication	3 <sup>rd</sup> Week of June 2022	3 <sup>rd</sup> Week of Oct 2022

*Signature*

<b>B. TECH 4<sup>th</sup> SEM. &amp; 6<sup>th</sup> SEM.</b>			
S.NO.	ACTIVITY	ODD SEMESTER	EVEN SEMESTER
01	Commencement of class	1 <sup>st</sup> Oct. 2021	25 <sup>th</sup> Feb. 2022
02	1 <sup>st</sup> Mid semester exam	6 <sup>th</sup> Dec- 11 <sup>th</sup> Dec 2021	1 <sup>st</sup> April-7 <sup>th</sup> April 2022
03	2 <sup>nd</sup> Mid semester exam	10 <sup>th</sup> Jan- 17 <sup>th</sup> Jan 2022	9 <sup>th</sup> May- 14 <sup>th</sup> May 2022
04	Examination form fill-up & Verification	18 <sup>th</sup> Jan- 28 <sup>th</sup> Jan 2022	17 <sup>th</sup> May- 26 <sup>th</sup> May 2022
05	Viva Voce Examination External /Internal	25 <sup>th</sup> Jan-28 <sup>th</sup> Jan 2022	20 <sup>th</sup> May- 21 <sup>st</sup> May 2022
06	Submission of External /Internal marks	29 <sup>th</sup> Jan-06 <sup>th</sup> Feb 2022	23 <sup>rd</sup> May- 26 <sup>th</sup> May 2022
07	Internship	-	01 <sup>st</sup> June- 31 <sup>st</sup> July 2022
08	End Semester Exam (University Exam)	31 <sup>st</sup> Jan- 14 <sup>th</sup> Feb 2022	10 <sup>th</sup> Aug- 22 <sup>nd</sup> Aug 2022
09	Result Publication	2 <sup>nd</sup> Week of March 2022	3 <sup>rd</sup> Week of Sep 2022

<b>M. TECH COURSE IN JUT, RANCHI</b>			
S.NO.	ACTIVITY	ODD SEMESTER	EVEN SEMESTER
01	Commencement of class	9 Dec. 2021	9 <sup>th</sup> May 2022
02	Mid semester exam	28 <sup>th</sup> Feb- 7 <sup>th</sup> Mar 2022	4 <sup>th</sup> July- 9 <sup>th</sup> July 2022
03	Examination form fill-up & Verification	6 <sup>th</sup> April- 9 <sup>th</sup> April 2022	12 <sup>th</sup> Aug- 16 <sup>th</sup> Aug 2022
04	Viva Voce Examination External /Internal	11 <sup>th</sup> April- 12 <sup>th</sup> April 2022	17 <sup>th</sup> Aug- 18 <sup>th</sup> Aug 2022
05	Submission of External /Internal marks	13 <sup>th</sup> April- 16 <sup>th</sup> April 2022	20 <sup>th</sup> Aug- 23 <sup>rd</sup> Aug 2022
06	End Semester Exam (University Exam)	18 <sup>th</sup> April- 30 <sup>th</sup> April 2022	29 <sup>th</sup> Aug- 16 <sup>th</sup> Sep 2022
07	Result Publication	3 <sup>rd</sup> Week of May 2022	2 <sup>nd</sup> Week of Oct. 2022

<b>M. TECH NIFTT HATIA</b>			
S.NO.	ACTIVITY	ODD SEMESTER	EVEN SEMESTER
01	Commencement of class	27 <sup>th</sup> Oct. 2021	10 <sup>th</sup> March 2022
02	Mid semester exam	13 <sup>th</sup> Dec- 18 <sup>th</sup> Dec. 2021	9 <sup>th</sup> May- 14 <sup>th</sup> May 2022
03	Examination form fill-up & Verification	10 <sup>th</sup> Jan- 12 <sup>th</sup> Jan. 2022	6 <sup>th</sup> June- 8 <sup>th</sup> June 2022
04	Viva Voce Examination External /Internal	17 <sup>th</sup> Jan- 18 <sup>th</sup> Jan 2022	13 <sup>th</sup> June- 14 <sup>th</sup> June 2022
05	Submission of External /Internal marks	20 <sup>th</sup> Jan- 22 <sup>nd</sup> Jan 2022	15 <sup>th</sup> June- 17 <sup>th</sup> June 2022
06	End Semester Exam (University Exam)	17 <sup>th</sup> Feb - 28 <sup>th</sup> Feb 2022	4 <sup>th</sup> July- 18 <sup>th</sup> July 2022
07	Result Publication	3 <sup>rd</sup> Week of March 2022	2 <sup>nd</sup> Week of August 2022

<b>M. TECH/ MBA/ MCA COURSE IN BIT, RVS, CIT RANCHI</b>			
S.NO.	ACTIVITY	ODD SEMESTER	EVEN SEMESTER
01	Commencement of class	1 <sup>st</sup> Feb. 2022	2 <sup>nd</sup> July 2022
02	Mid semester exam	4 <sup>th</sup> April- 9 <sup>th</sup> April 2022	1 <sup>st</sup> Sept.- 10 <sup>th</sup> Sept. 2022
03	Examination form fill-up & Verification	10 <sup>th</sup> May- 13 <sup>th</sup> May 2022	27 <sup>th</sup> Sept- 30 <sup>th</sup> Sept. 2022
04	Viva Voce Examination External /Internal	17 <sup>th</sup> May- 18 <sup>th</sup> May 2022	11 <sup>th</sup> Oct.- 12 <sup>th</sup> Oct. 2022
05	Submission of External /Internal marks	18 <sup>th</sup> May- 21 <sup>st</sup> May 2022	17 <sup>th</sup> Oct.- 20 <sup>th</sup> Oct. 2022
06	End Semester Exam (University Exam)	6 <sup>th</sup> June - 17 <sup>th</sup> June 2022	7 <sup>th</sup> Nov.- 18 <sup>th</sup> 2022
07	Result Publication	2 <sup>nd</sup> Week of July 2022	2 <sup>nd</sup> Week of Dec. 2022

By order of the Vice-Chancellor,  
*[Signature]* 24/02/22  
Director (Curriculum Development)  
Jharkhand University of Technology,  
Ranchi.

Memo No. JUT- 252/2019/208

Ranchi; Date :- 24/02/2022

Copy to:

1. P.A./ P.S. to Principal Secretary to Hon'ble Governor-cum-Chancellor, Governor Secretariat, Jharkhand, Ranchi for kind information.
2. P.A./ P.S. to Additional Chief Secretary, Deptt. of Higher & Technical Education, Govt. of Jharkhand, Yojana Bhavan, Doranda, Ranchi for kind information.
3. Office of the Vice-Chancellor, Jharkhand University of Technology, Ranchi for kind information.
4. Examination Section, JUT, Ranchi for kind information and needful.
5. Directors/Principals of all Colleges/ Institutions affiliated to JUT, Ranchi for kind information and needful.
6. All officers & staffs of the Jharkhand University of Technology, Ranchi for kind information.

*[Signature]* 24/02/22  
Director (Curriculum Development)  
Jharkhand University of Technology,  
Ranchi.

*[Signature]*



### 3. Academic Time Table with the name of the Faculty members handling the Course

NATIONAL INSTITUTE OF ADVANCED MANUFACTURING TECHNOLOGY, HATIA, RANCHI-834003 TIME TABLE (EVEN SEMESTER- MARCH-2022)												
REVISED TIME TABLE EFFECTIVE FROM 31-03-2022 (*) Classes will start from 25-04-2022, # Classes will start from 06-06-2022)												
MONDAY												
Course	Branch	Year	Semester	08:00-09:30	09:30-10:30	10:30-11:30	11:30-12:30	12:30-01:30	01:30-02:30	02:30-03:30	03:30-04:30	04:30-05:30
M.Tech	ME	I	II	NSI-I	AMT	AM					APW/NG/Lab	Room No
				AM	ORM	AK					ORM	304
M.Tech	MSC	I	II	ANM	TM	ATM						304
				BR/CFI	BM	DR/CFI						302
M.Tech	HT	I	II		TMP	QAM	TMT		TMC (T)		FCM - Lab	304
					MC	RR	NO		NG		NS / DR	302
M.Tech	EE	I	II	PM	WWE	SPM	OTAE				EE Lab (I) (M) (W) (T)	304
				ATM	EE	PSM	MMW/VIO				NS	302
B.TECH #	VE	I	II	MATH-I	ENG	NSP	PHI-I (T)				PPS (Lab)	304
				SC	SG	YT	MR				DD	302
B.Tech #	MM	I	II		PHY-I	PPS	CH-I				WVP Lab	304
					AP	ON	HS				VT	302
B.TECH	ME	I	I	EGD	MATH-I			PHI-I			BIE (Lab)	304
				WMS	AP			PM			WMS	302
B.Tech	HME	I	I								PHI-I (Lab)	304
											PM	302
B.TECH	ME	I	IV	YOM	AT	TM					CL	304
				SP	TY	SG					MP-I	302
B.Tech	MVE	I	IV	MM	PMT	PDMS	RMA				PM-I (Lab)	304
				TM/CFI	RG	EE	AP				TM	302
B.TECH	ME	II	VI	QAR	PMC	PLMA	IC					304
				BR/AT	ADP	AM	AT					302
B.Tech	WHEL	II	VI	ENF	CSE	HTI					CM - Lab	304
				KS / CFI	GD	RA					RG / CFI	302
B.TECH	ME	IV	VII		DAI							304
					UR							302
B.Tech	MM	IV	VII			DSF	EDOV					304
						SG	NR					302
ADC *	FOV	I	I	VEI	SCP	EM	FP				FTM - Lab	304
				APM	AK	RKD	KCS				WVP	302
ADC *	FGD	I	I	MT	TCDF	EM	PH				PPSA - Lab	304
				APB	RES	RKD	GC				NR / OK	302

NATIONAL INSTITUTE OF ADVANCED MANUFACTURING TECHNOLOGY, HATIA, RANCHI-834003 TIME TABLE (EVEN SEMESTER- MARCH-2022)												
REVISED TIME TABLE EFFECTIVE FROM 31-03-2022 (*) Classes will start from 25-04-2022, # Classes will start from 06-06-2022)												
MONDAY												
Course	Branch	Year	Semester	08:00-09:30	09:30-10:30	10:30-11:30	11:30-12:30	12:30-01:30	01:30-02:30	02:30-03:30	03:30-04:30	04:30-05:30
M.Tech	ME	I	II	NSI-I	AMT	AM					APW/NG/Lab	Room No
				AM	ORM	AK					ORM	304
M.Tech	MSC	I	II	ANM	TM	ATM						304
				BR/CFI	BM	DR/CFI						302
M.Tech	HT	I	II		TMP	QAM	TMT		TMC (T)		FCM - Lab	304
					MC	RR	NO		NG		NS / DR	302
M.Tech	EE	I	II	PM	WWE	SPM	OTAE				EE Lab (I) (M) (W) (T)	304
				ATM	EE	PSM	MMW/VIO				NS	302
B.TECH #	VE	I	II	MATH-I	ENG	NSP	PHI-I (T)				PPS (Lab)	304
				SC	SG	YT	MR				DD	302
B.Tech #	MM	I	II		PHY-I	PPS	CH-I				WVP Lab	304
					AP	ON	HS				VT	302
B.TECH	ME	I	I	EGD	MATH-I			PHI-I			BIE (Lab)	304
				WMS	AP			PM			WMS	302
B.Tech	HME	I	I								PHI-I (Lab)	304
											PM	302
B.TECH	ME	I	IV	YOM	AT	TM					CL	304
				SP	TY	SG					MP-I	302
B.Tech	MVE	I	IV	MM	PMT	PDMS	RMA				PM-I (Lab)	304
				TM/CFI	RG	EE	AP				TM	302
B.TECH	ME	II	VI	QAR	PMC	PLMA	IC					304
				BR/AT	ADP	AM	AT					302
B.Tech	WHEL	II	VI	ENF	CSE	HTI					CM - Lab	304
				KS / CFI	GD	RA					RG / CFI	302
B.TECH	ME	IV	VII		DAI							304
					UR							302
B.Tech	MM	IV	VII			DSF	EDOV					304
						SG	NR					302
ADC *	FOV	I	I	VEI	SCP	EM	FP				FTM - Lab	304
				APM	AK	RKD	KCS				WVP	302
ADC *	FGD	I	I	MT	TCDF	EM	PH				PPSA - Lab	304
				APB	RES	RKD	GC				NR / OK	302

**NATIONAL INSTITUTE OF ADVANCED MANUFACTURING TECHNOLOGY, HATIA, RANCHI-834003 TIME TABLE EVEN SEMESTER- MARCH-2022**  
**REVISED TIME TABLE EFFECTIVE FROM 23-04-2022 (\* Classes will start from 25-04-2022, # Classes will start from 06-06-2022)**

WEDNESDAY										WEDNESDAY									
Course	Branch	Year	Semester	08-10-09-10	09-10-10-11	10-10-11-12	11-10-12-13	12-10-13-14	13-10-14-15	14-10-15-16	15-10-16-17	16-10-17-18	17-10-18-19	18-10-19-20	19-10-20-21	20-10-21-22	21-10-22-23	22-10-23-24	23-10-24-25
M.Tech	ME	I	I	AWT	AM	MTE - I													
				AWP	AMS	AM													
M.Tech	MSE	I	I	CM	MM		APM												
				RL / CH	CC / CF		BR / CF2												
M.Tech	FFT	I	I	PTM	TSP	PDAM	OLS												
				HE	NR	NRS	KOS												
M.Tech	EE	I	I		ANPC	WVC	EM												
					ANE	SE	KDN												
B.Tech	ME	I	I			EPS	CAE - I	PHY - I											
						KSV	HW	SP											
B.Tech	MME	I	I	MATH-I	ENG	WVP	PHY - I (T)												
				SC	SW	AT	AP												
B.Tech	ME	I	I			BSI	PHY - I												
						VRO	PSM												
B.Tech	MME	I	I		PHY - I		MATH - I	BSI											
					PSM		AP	MGC											
B.Tech	ME	I	II	APP - I	PM	EE	COM (T)												
				RO	SES	MMK	SKP												
B.Tech	MME	I	II	IM	PM - I	HMT	MDM												
						BR / CF3	TM	EG	TM/CF1										
B.Tech	ME	II	VI		HTT	EE	PMC												
					JV	AT	AWP												
B.Tech	MME	II	VI		MC	HPT	EMP												
					DB	KE	WS / CF5												
B.Tech	ME	IV	VII		MHSE	QAI													
					MMI	UE													
B.Tech	MME	IV	VII																
ADC *	EDP	I	II	MT	HTT	PTM	NCP												
				APR	DE	HE	MG												
ADC *	FRD	I	II	MT	HTT	PM/SA	TCR												
				APR	DE	RR	NE												

**NATIONAL INSTITUTE OF ADVANCED MANUFACTURING TECHNOLOGY, HATIA, RANCHI-834003 TIME TABLE EVEN SEMESTER- MARCH-2022**  
**REVISED TIME TABLE EFFECTIVE FROM 23-04-2022 (\* Classes will start from 25-04-2022, # Classes will start from 06-06-2022)**

THURSDAY										THURSDAY									
Course	Branch	Year	Semester	08-10-09-10	09-10-10-11	10-10-11-12	11-10-12-13	12-10-13-14	13-10-14-15	14-10-15-16	15-10-16-17	16-10-17-18	17-10-18-19	18-10-19-20	19-10-20-21	20-10-21-22	21-10-22-23	22-10-23-24	23-10-24-25
M.Tech	ME	I	I		MTF - I	NCE	AMT												
					AM	AMM	GBM												
M.Tech	MSE	I	I	TM	APM	AC - I	MDM												
				BS	BR / CF2	Human Gyro	CC / CF3												
M.Tech	FFT	I	I	ASAM	PDAM	TSP	PTM												
				RR	RRO	RR	HE												
M.Tech	EE	I	I	WVC	ETM	SMVA	ANPC												
				SE	PSM	BI	KMK												
B.Tech	ME	I	I	CHS - I	MATH - I	PPS	PHY - I												
				HYB - I	SC	KKS	SPK												
B.Tech	MME	I	I		PHY - I	CHS - I (T)	MATH - I	PPS											
					AP	HYB	SC	KKS											
B.Tech	ME	I	I		EGD - Lab	SEE	MATH - I												
					VMS	WGS	AP												
B.Tech	MME	I	I		MATH - I	PHY - I													
					AP	PSM													
B.Tech	ME	I	II	AT	TOM	EE													
				IV	SKP	MMK													
B.Tech	MME	I	II	HMT	PCMS	IM	MMM												
				RO	CC	BR / CF3	TM/CF1												
B.Tech	ME	II	VI		QAB	PMC	PMC												
					SKR/KE	AKP	UK	NRG											
B.Tech	MME	II	VI		ENG	CM	CM												
					RS / LFS	SD	BS / CF4												
B.Tech	ME	IV	VII																
B.Tech	MME	IV	VII		OSF	PDAM													
					SGG	NRS													
ADC *	EDP	I	II	MT	NCP	PTM	HW/IT	PP											
				APR	NG	HE	NRG	KKS											
ADC *	FRD	I	II	MT	TH	PM/SA	HW/IT												
				APR	SC	RR	RRO												

\* CHS - I Lab will be conducted in two slots 1. Batch - 1: 2:30 PM to 4:30 PM 2. Batch - 2: 4:30 PM to 6:30 PM



**NATIONAL INSTITUTE OF ADVANCED MANUFACTURING TECHNOLOGY, HATIA, RANCHI-834005 TIME TABLE EVEN SEMESTER- MARCH-2022**  
**REVISED TIME TABLE EFFECTIVE FROM 23-03-2022 (\* Classes will start from 25-04-2022, # Classes will start from 06-06-2022)**

FRIDAY													FRIDAY
Course	Branch	Year	Semester	08-06-09:30	09-30-10:30	10-30-11:30	11-30-12:30	12-20-01:30	01-30-02:30	02-30-03:30	03-30-04:30	04-30-05:30	ROOM NO.
M.Tech	ME	I	I	MDC	AWT	AM	AE - I				Mini Project	NLH	
				AWM	APF	RD	VT				ROD, ME	304	
M.Tech	MSE	I	I		TM	CM	ATM				CM Lab	NLH	
					BN	RO / CH4	RU / CF3				RG / CH4	303	
M.Tech	PTT	I	I			QAW	QES	TMC				NLH	
						VE	KVS	AG				303	
M.Tech	EE	I	II		ETM	EM					EE Lab IV (RNG)	NLH	
					PSM	ATN					AMB	303	
B.Tech #	ME	I	II			CH-I	MATH-I (T)	PPS (T)	ENG		WVP Lab	NLH	
						WRB	SC	WV	SAG		VT	303	
B.Tech #	MME	I	II	CH-I	MATH-I	PPS	PH-I				CH-I Lab**	NLH	
				WRB	SC	WV	AP				HYB	303	
B.Tech	ME	I	I		MATH-I	WRB	PH-I (T)				PHY-I Lab	NLH	
					AP	WRB	PSM				TRB	303	
B.Tech	MME	I	I			EDD	MATH-I			PHY-I (T)	EGG - Lab	NLH	
						WMS	AP			PSM	WMS	303	
B.Tech	ME	I	IV	AT	MP-I (T)	PM	ST (T)				COM Lab	NLH	
				AV	RD	SAG	MMB			UR	MRP	303	
B.Tech	MME	I	IV		BR / CH4	TM	CC				WVA Lab	NLH	
						RM	CC				AP	303	
B.Tech	ME	II	V	PU	HMA		HTT					NLH	
				VE	AM		TV					303	
B.Tech	MME	II	V	CM	MC	MPT				FSOM	MTT Lab	NLH	
				RO / CH4	DR	KS				MS	RS	303	
B.Tech	ME	IV	VII									NLH	
												303	
B.Tech	MME	IV	VII		FSOM	ODP						NLH	
					AM	SG						303	
ADC #	FDY	I	I		SCP	EM					BCP - Lab	NLH	
					AE	RSO					AP	303	
ADC #	FG	I	I			DEM	CCF				FOG	NLH	
						RSO	REL				RRS / CX	303	

\*\* CH-I Lab will be conducted in two slots 1. Batch I - 2:30 PM to 4:30 PM 2. Batch II - 4:30 PM to 6:30 PM

- Teaching Load of each Faculty ; As per AICTE
- Internal Continuous Evaluation System and place : Yes

f) For each Post Graduate Courses give the following:

***National Institute of Advanced Manufacturing Technology***

***Hatia, Ranchi-834003***

*(Formerly National Institute of Foundry and Forge Technology)*

*(Centrally Funded Technical Institute, Under MHRD, Govt of India)*

*(Affiliated under Jharkhand Technical University)*

***Syllabus***

***M.Tech (Manufacturing Engineering)***



***Department of Mechanical and Manufacturing Engineering***

**2021**

**Master of Technology (M. Tech) in Manufacturing Engineering**

**National Institute of Advanced Manufacturing Technology (NIAMT)**  
**Ranchi, Jharkhand**  
**Department of Applied Sciences and Humanities**  
**M.Tech in Environmental Engineering**  
**July 2020 onwards**

**First Semester**

Course Code	Core/ Elective	Subjects	Contact time per week			Total Credits
			L	T	P	
EE1101	Core 1	Environmental Chemistry	3	0	0	3
EE1102	Core 2	Water Treatment and Supply System	3	0	0	3
EE1113*	Elective I	EE1131 Solid & Hazardous Waste Management EE1132 Waste Management	3	0	0	3
EE1114*	Elective II	EE1141 Remote Sensing and GIS EE1142 Geoinformatics	3	0	0	3
EE1115*	Open Elective	EE1151 Instrumental Techniques in Science and Technology	3	0	0	3
EE1111	Core Lab I	Env. Engg lab I (Env Chemistry )	0	0	4	2
EE1112	Core Lab II	Env Engg Lab II (Water, Air & Noise parameters analysis)	0	0	4	2
EE1103	MLC	Research Methodology and IPR	2	0	0	2
EE1112*	Audit 1	Audit course 1	2	0	0	0
<b>Total</b>						<b>21</b>

**Second Semester**

Course Code	Core/ Elective	Subjects	Contact time per week			Total Credits
			L	T	P	
EE1201	Core 3	Air and Noise Pollution Control	3	0	0	3
EE1202	Core 4	Wastewater Engineering	3	0	0	3
EE125*	Elective IV	EE1251 Environmental Policies, Laws and Impact Assessment EE1252 Environmental Management	3	0	0	3
EE126*	Elective V	EE1261 Thermodynamics and Atmosphere EE1262 Environmental Fluid Mechanics	3	0	0	3
EE127*	Elective VI	EE1271 Renewable Energy System and Generation EE1272 Green Technology and Alternative Energy	3	0	0	3
EE1211	Core Lab III	Env Engg Lab III (Wastewater parameter analysis)	0	0	4	2
EE1212	Core Lab IV	Env. Engg Lab IV (Introduction to RS & GIS)	0	0	4	2
EE1229	Core	Mini Project	0	0	4	2
EE122*	Audit 2	Audit course 2	2	0	0	0
<b>Total</b>						<b>21</b>

**Credits Requirement for the Award of Degree**

Minimum credits needed for the award of M. Tech. degree in Manufacturing Engineering will be 68. The structure of M. Tech. in Manufacturing Engineering shall have the following categories of courses. Audit courses will require a pass and carry no credits.

S#	Category	Letter@3	No. of Subjects	No. of Credits
1	Programme Core (PC)	C/P	10	24
2	Programme Electives (PE)	E	5	15
3	Open Electives (OE)	O	1	3
4	Audit Courses (AU)*	A	3	0
5	Dissertation	D	2	26
<b>Total</b>			<b>21</b>	<b>68</b>

\* Summer internship of minimum 4 weeks (to be carried out at industries / institutions - IITs, IISc and NITs only / R&D laboratories) is also considered as an audit course.

**Course Structure****Semester 1**

S#	Code	Name of Subject	L	T	P	Credits
1	MFC511	Manufacturing Science and Engineering I	3	0	0	3
2	MFC512	Advanced Machining and Automation	3	0	0	3
3	---	Programme Elective I	3	0	0	3
4	---	Programme Elective II	3	0	0	3
5	---	Open Elective	3	0	0	3
6	MFP511	Advanced Machining Laboratory	0	0	4	2
7	MFP512	Computer Graphics and CAD Laboratory	0	0	4	2
8	MFC513	Research Methodology and IPR	2	0	0	2
9	---	Audit Course I	2	0	0	0
<b>Total</b>						<b>21</b>

**Semester 2**

S#	Code	Name of Subject	L	T	P	Credits
1	MFC521	Manufacturing Science and Engineering II	3	0	0	3
2	MFC522	Advanced Metrology	3	0	0	3
3	---	Programme Elective III	3	0	0	3
4	---	Programme Elective IV	3	0	0	3
5	---	Programme Elective V	3	0	0	3
6	MFP521	Metrology Laboratory	0	0	4	2
7	MFP522	Welding Laboratory	0	0	4	2
8	---	Audit Course II	2	0	0	0
9	MFC523	Mini Project	0	0	4	2
<b>Total</b>						<b>21</b>

**Semester 3**

S#	Code	Name of Subject	L	T	P	Credits
3	MFC531	Summer Internship Evaluation	4 Weeks			0
4	MFD531	Dissertation - Phase I	0	0	20	10
<b>Total</b>						<b>10</b>

**Semester 4**

S#	Code	Name of Subject	L	T	P	Credits
1	MFD541	Dissertation - Phase II	0	0	32	16
<b>Total</b>						<b>16</b>

#### **Programme Electives (3 - 0 - 0 = 3 Credits)**

**Note:** Two courses will be simultaneously offered against every programme elective (e.g. Programme Elective I, II, etc.). Half of the total strength will have to opt for each course. If more students opt for a particular course, suitable criteria will be used to achieve balance between the courses.

##### **Semester I**

MFE101 Artificial Intelligence in Manufacturing  
MFE102 Computational Methods for Engineers  
MFE103 Computer Aided Design  
MFE104 Computer Aided Manufacturing  
MFE105 Design of Machine Tools  
MFE106 Finite Element Methods and Applications  
MFE107 Laser Assisted Manufacturing  
MFE108 Manufacturing Systems Engineering  
MFE109 Quality Control and TQM

##### **Semester II**

MFE201 Additive Manufacturing  
MFE202 Advanced CAD/CAM  
MFE203 Advanced Metal Forming  
MFE204 Advanced Welding Technology  
MFE205 Forging Die Design and Manufacture  
MFE206 Foundry Tooling and Methoding  
MFE207 Non-destructive Evaluation  
MFE208 Optimization Methods for Engineers  
MFE209 Reliability Engineering

##### **Semester III**

MFE301 Geometrical Product Specifications  
MFE302 Modern Casting Processes  
MFE303 Near Net Shape Processes  
MFE304 Precision Manufacturing  
MFE305 Robotics and Applications

#### **Open Electives (3 - 0 - 0 = 3 Credits)**

**Note:** Only one course will be offered depending the availability of faculty.

MFO531 Advanced Operations Research  
MFO532 Data Analytics  
MFO533 Design and Analysis of Experiments  
MFO534 Facility Layout and Design  
MFO535 Knowledge Management for Competitiveness



MFO536 Management Concepts and Techniques

MFO537 Probability and Statistics for Engineers

MFO538 Project Management

MFO539 Supply Chain Management

**Audit Courses (2 - 0 - 0 = 0 Credits)**

**Note:** Only one course will be offered in each semester depending the availability of faculty.

Semester I

MFA511 Constitution of India

MFA512 Disaster Management

MFA513 English for Research Paper Writing

MFA514 Environmental Pollution and Control

MFA515 Industrial Psychology

MFA516 Personality Development through Life Enlightenment Skills

Semester II

MFA521 Pedagogy Studies

MFA522 Sanskrit for Technical Knowledge

MFA523 Stress Management by Yoga

MFA524 Engineering Economics

MFA525 Trends in Manufacturing Engineering

MFA526 Value Education

**National Institute of Advanced Manufacturing Technology (NIAMT)**  
**Ranchi, Jharkhand**  
**Department of Applied Sciences and Humanities**  
**M.Tech in Environmental Engineering**  
**July 2020 onwards**

**First Semester**

Course Code	Core/ Elective	Subjects	Contact time per week			Total Credits
			L	T	P	
EE1101	Core 1	Environmental Chemistry	3	0	0	3
EE1102	Core 2	Water Treatment and Supply System	3	0	0	3
EE113*	Elective I	EE1131 Solid & Hazardous Waste Management EE1132 Waste Management	3	0	0	3
EE114*	Elective II	EE1141 Remote Sensing and GIS EE1142 Geoinformatics	3	0	0	3
EE115*	Open Elective	EE1151 Instrumental Techniques in Science and Technology	3	0	0	3
EE1111	Core Lab I	Env. Engg lab I (Env Chemistry )	0	0	4	2
EE1112	Core Lab II	Env Engg Lab II (Water, Air & Noise parameters analysis)	0	0	4	2
EE1103	MLC	Research Methodology and IPR	2	0	0	2
EE112*	Audit 1	Audit course 1	2	0	0	0
<b>Total</b>						<b>21</b>

**Second Semester**

Course Code	Core/ Elective	Subjects	Contact time per week			Total Credits
			L	T	P	
EE1201	Core 3	Air and Noise Pollution Control	3	0	0	3
EE1202	Core 4	Wastewater Engineering	3	0	0	3
EE125*	Elective IV	EE1251 Environmental Policies, Laws and Impact Assessment EE1252 Environmental Management	3	0	0	3
EE126*	Elective V	EE1261 Thermodynamics and Atmosphere EE1262 Environmental Fluid Mechanics	3	0	0	3
EE127*	Elective VI	EE1271 Renewable Energy System and Generation EE1272 Green Technology and Alternative Energy	3	0	0	3
EE1211	Core Lab III	Env Engg Lab III (Wastewater parameter analysis)	0	0	4	2
EE1212	Core Lab IV	Env. Engg Lab IV (Introduction to RS & GIS)	0	0	4	2
EE1229	Core	Mini Project	0	0	4	2
EE122*	Audit 2	Audit course 2	2	0	0	0
<b>Total</b>						<b>21</b>

**Third Semester**

Course Code	Core/Elective	Subjects	Contact time per week			Total Credits
			L	T	P	
EE2128		Industrial training (4 weeks)	0	0	0	0
EE2129	Dissertation	Dissertation Phase I	0	0	20	10
<b>Total</b>						<b>10</b>

**Fourth Semester**

Course Code	Core/Elective	Subjects	Contact time per week			Total Credits
			L	T	P	
EE 2229	Dissertation	Dissertation Phase – II	0	0	32	16
<b>Total</b>						<b>16</b>

Total Credit for the programme = 21+21+10+16 = 68

**Audit course 1 & 2**

EE1\*21 English for Research Paper Writing

EE1\*22 Disaster Management

EE1\*23 Sanskrit for Technical Knowledge

EE1\*24 Value Addition

EE1\*25 Constitution of India

EE1\*26 Pedagogy Studies

EE1\*27 Stress Management by Yoga and aerobics

EE1\*28 Personality Development through Life Enlightenment Skills.

## **M TECH (Foundry-Forge Technology)**

### **SEM-I**

S.No.	Code	Name of subject	L	T	P	Credits
1	FF1101	Technology of Ferrous Forging	3	0	0	3
2	FF1102	Technology of Ferrous Casting	3	0	0	3
3	FF113*	<b>Elective I</b>	3	1	0	4
4	FF114*	<b>Elective II</b>	3	1	0	4
5	FF1111	Technology of Ferrous Forging Lab	0	0	2	1
6	FF1112	Technology of Ferrous Casting Lab	0	0	2	1
7	FF1103	Research Methodology and IPR	2	0	0	2
8	FF112*	Audit Course I	2	0	0	0
9	FF117*	Open Elective	3	0	0	3
<b>TOTAL</b>						<b>21</b>

**Elective I:** (i) FF1131: Technology of Molding and Core Making  
 (ii) FF1132: Modern Casting Process  
 (iii) FF1133: Solidification of Metals and alloys

**Elective II:** (i) FF1141: Near Net Shape process  
 (ii) FF1142: Modern Forging Process  
 (iii) FF1143: Severe Plastic Deformation

#### **Open Elective:**

- i. FF1171: Physical Metallurgy and Heat treatment of Casting & Forging
- ii. FF1172: Additive Manufacturing
- iii. FF1173: Characterization of Materials
- iv. FF1174: Manufacturing Processes
- v. FF1175: Metal Melting Technology
- vi. FF1176: Failure Analysis
- vii. FF1177: Design and Analysis of Experiments

### **SEM-II**

S. No.	Code	Name of Subject	L	T	P	Credits
1	FF1201	Forging Die Design and Manufacturing	3	0	0	3
2	FF1202	Foundry Tooling and Methoding	3	0	0	3
3	FF124*	<b>Elective III</b>	3	1	0	4
4	FF125*	<b>Elective IV</b>	3	1	0	4
5	FF1211	Forging Die Design and Manufacturing Lab	0	0	2	1
6	FF1212	Foundry Tooling and Methoding Lab	0	0	2	1
7	FF1229	Mini Project/ Modeling & Simulation(casting & Forging)	0	0	4	2
8	FF122*	Audit Course II	2	0	0	0

9	FF126*	Elective V	3	0	0	3
TOTAL						21

**Elective III:**

- (i) FF1241: Technology of Non Ferrous Forging
- (ii) FF1242: Tribology in metal forming
- (iii) FF1243: Modern trends in metal forming process

**Elective IV**

- i. FF1251: Technology of Non-Ferrous casting
- ii. FF1252: Mathematical Modeling and Computer application in Casting
- iii. FF1253: Methoding of Castings

**Elective V:**

- i. FF1261: Quality Assurance and Inspection Method
- ii. FF1262: Energy conservation and Pollution control
- iii. FF1263: Finite Element Method
- iv. FF1264: Material Handling
- v. FF1265: Instrumentation and automation

**SEM-III**

S. No.	Code	Name of Subject	L	T	P	Credits
3	FF2129	Dissertation-Phase I	0	0	20	10
4	FF2128	Industrial Training/ Internship	0	4 weeks	-	-
TOTAL						10

**SEM-IV**

S.No.	Code	Name of subject	L	T	P	Credits
1	FF2229	Dissertation-Phase II	0	0	32	16
TOTAL						16

**Audit course 1 & 2**

- FF 1\*21 English for Research Paper Writing
- FF 1\*22 Disaster Management
- FF 1\*23 Sanskrit for Technical Knowledge
- FF 1\*24 Value Addition
- FF 1\*25 Constitution of India
- FF 1\*26 Pedagogy Studies
- FF 1\*27 Stress Management by Yoga and aerobics
- FF 1\*28 Personality Development through Life Enlightenment Skills.



## Master of Technology (M. Tech) in Material Science and Engineering

### Programme Objectives

- Evaluate the performance of material systems using the relationship between structures, properties and processing.
- Characterize materials and carry out research on advanced materials.
- Design and develop effective and eco-friendly materials for generic and strategic applications.
- Pursue life-long learning by enhancing knowledge and skills for professional advancement.

### Programme Outcomes

- ❖ Apply phase transformation phenomena to improve the performance of materials.
- ❖ Apply principles of deformation to modify structure and properties of materials.
- ❖ Characterize and evaluate materials for specific applications.
- ❖ Design metallurgical processes to produce products as per specifications.
- ❖ Evaluate products using non-destructive testing methods and modify processes.
- ❖ Identify mechanisms for protecting engineering materials from degradation.
- ❖ Synthesize ceramic, polymer, composite and non-ferrous materials.
- ❖ Design advanced materials for aerospace, biological, nuclear and high temperature applications.
- ❖ Apply project management techniques effectively to address issues related to metallurgical industries.
- ❖ Practice professional ethics and engage in lifelong learning for improved professional advancement, moral and human values.

### Curriculum Structure

#### **Semester I**

Sr. No.	Course Code	Course Name	L	T	P	Credits
1	MS-5101	Thermodynamic and Kinetics	3	0	0	3
2	MS-5102	Advanced Physical Metallurgy	3	0	0	3
3	MS-513*	Programme Elective I	3	0	0	3
4	MS-514*	Programme Elective II	3	0	0	3
5	MS-517*	Open Elective	3	0	0	3
6	MS-5103	Research	2	0	0	2

		Methodology and IPR				
7	MS-5111	Advanced Physical Metallurgy	0	0	4	2
8	MS-5112	Metal shaping Laboratory	0	0	4	2
9	MS-5129	Audit Course I	2	0	0	0
Total						21

#### Semester II

Sr. No.	Course Code	Course Name	L	T	P	Credits
1	MS-5201	Characterization of Materials	3	0	0	3
2	MS-5202	Mechanical Behavior of Materials	3	0	0	3
3	MS-525*	Programme Elective III	3	0	0	3
4	MS-526*	Programme Elective IV	3	0	0	3
5	MS-527*	Programme Elective V	3	0	0	3
6	MS-5211	Materials Characterization Technique Laboratory	0	0	4	2
7	MS-5212	Mechanical Behaviour of Materials Laboratory	0	0	4	2
8	MS-5229	Audit Course II	2	0	0	0
9	MS-5221	Mini Project	0	0	4	2
Total						21

#### Semester III

Sr. No.	Course Code	Course Name	L	T	P	Credits
1	MS-6122	Dissertation part- I	0	0	20	10
2	MS-6223	Industrial Training	4 weeks			0
Total						10

**Semester IV**

Sr. No.	Course Code	Course Name	L	T	P	Credits
1	MS-6222	Dissertation part- II	0	0	32	16
Total						16

**Programme Electives - I (3.0.0)****Semester I**

Serial No	Course Name
MS-5131	Advanced Metal Casting Technology
MS-5132	Metal Shaping processes
MS-5133	Metal Forming Technology
MS-5134	Methoding of Casting
MS-5135	Instrumentation and Control
MS-5136	Automotive Materials

**Programme Electives - II (3.0.0)****Semester I**

Serial No	Course Name
MS-5141	Surface Engineering and Coating Technology
MS-5142	Environmental Degradation of Materials
MS-5143	Biomaterials
MS-5144	Functional Materials
MS-5145	Electronic and Magnetic Materials
MS-5146	High Temperature Materials

**Open Electives -****(3.0.0)****Semester I**

<b>Serial No</b>	<b>Course Name</b>
MS-5171	Mechanical Testing of Materials
MS-5172	Advances in Materials Science
MS-5173	Heat treatment of Materials
MS-5174	Principles of Materials Engineering
MS-5174	Structure of Materials and X-ray Diffraction

**Programme Electives - III****(3.0.0)****Semester II**

<b>Serial No</b>	<b>Course Name</b>
MS-5251	Advanced iron and Steel Making
MS-5252	Secondary steel making process
MS-5253	Extraction of Nonferrous Metals
MS-5254	Ferroalloy production
MS-5255	Materials Selection and Design
MS-5256	Materials handling

**Programme Electives - IV****(3.0.0)****Semester II**

<b>Serial No</b>	<b>Course Name</b>
MS-5261	Light Metals and Alloys
MS-5262	Advanced Metal Joining processes
MS-5263	Failure Analysis
MS-5264	Fracture Mechanics
MS-5265	Testing of Materials
MS-5266	Creep, Fatigue and Fracture

**Programme Electives - V****(3.0.0)****Semester II**

<b>Serial No</b>	<b>Course Name</b>
MS-5271	Advanced powder Metallurgy
MS-5272	Additive Manufacturing
MS-5273	Nuclear Materials
MS-5274	Ceramic Polymers and Composites
MS-5275	Nanotechnology
MS-5276	Computational Materials Engineering

**Audit course 1 & 2 (MS5129 & MS5229)**

English for Research Paper Writing

Disaster Management

Sanskrit for Technical Knowledge

Value Addition

Constitution of India

Pedagogy Studies

Stress Management by Yoga and aerobics

Personality Development through Life Enlightenment Skills.

**MS-5101 Thermodynamic and Kinetics****Module 1: Introduction to thermodynamics and kinetics****8 Lectures**

Introduction to thermodynamics and kinetics- different approaches, emphasis on metallurgical thermodynamics.

**Module 2: Law of thermodynamics and related applications****8 Lectures**

Law of thermodynamics and related applications, Concepts of free energy and entropy, criteria for spontaneity.

**Module 3: Introduction to solutions****8 Lectures**



**g) Special Purpose**

1. Software, all design tools in case
2. Academic Calendar and framework

**16. Enrolment and placement details of students in the last 3years:**

Course	Year	Branch	Enrolment	Placement
A.D.C	2018-2019	Foundry	45	41
		Forge	34	34
	2019-2020	Foundry	37	37
		Forge	42	42
	2020-2021	Foundry	45	45
		Forge	44	44

Course	Year	Branch	Enrolment	Placement
B.Tech.	2018-2019	ME	64	61
		MME	58	53
	2019-2020	ME	36	36
		MME	33	33
	2020-2021	ME	19	19
		MME	57	57

Course	Year	Branch	Enrolment	Placement
M.Tech.	2018-2019	FFT	25	11
		ME	24	2
		EE	15	0
		MSE	18	1
	2019-2020	FFT	21	15
		ME	20	0
		EE	20	11
		MSE	15	0
	2020-2021	FFT	14	8
		ME	13	9
		EE	09	7
		MSE	04	1

**17. List of Research Projects/ Consultancy Works :**

- a) Number of Projects carried out, funding agency, Grant received

### **Project (Completed)**

1. Processing of novel metallic thermal interface materials using Liquid phase sintering followed by accumulative roll-bonding (PI Dr Praveen Kumar, Materials Engineering Department, IISc, Bangalore **CO-PI- Dr. D. Roy**)  
**(Funding agency- NRCM-UGC)**
2. Development of Al based NanoComposite by Ultrasonic Non Contact Casting Route” SERB(DST), New Delhi,  
PI: **Dr. Amitesh Kumar**
3. Modeling and Simulation of Lead Alloy Solidification and Experimental Validation” BARC, Mumbai, **PI: Amitesh Kumar Co-PI: Dr. K. K. Singh**
4. Development of high strength to weight ratio materials for the body of unmanned under water vehicle”  
Ministry of earth and science, Govt of India. **Co- PI: Dr. K. K. Singh & Dr. Amitesh Kumar**

### **b) Project (Ongoing)**

1

1. Dr. Partha Sarathi Mondal received a research grant from DST-SERB for ‘Development of electrocaloric/heat pump module for domestic cooling applications’ in 2020
2. Dr. Subhankar Basu received a research grant from Department of Science and Technology (DST) on 'Solar Driven Community Potable Water Purification System' in 2020.
3. Dr. Subhankar Basu received a research grant from Science and Engineering Research Board on 'Chitosan based thin active layer forward osmosis (FO) membrane for sewage up-concentration and resource recovery' in 2019.
4. “Development of Al<sub>3</sub>BC reinforced novel in-situ Al-based metal matrix composites via warm-extrusion for commercial-scale production” Funding agency: **DST-SERB** File Number: CRG/2020/005600 (**Amount Rs/-28 Lakh**)
5. “Development of bulk Nanocrystalline Cu-Nb-Zr alloys using laser assisted manufacturing for structural members of landing gears in Aerospace applications” Funding agency: **AICTE**, File Number. 8-124/ FDC/ RPS/POLICY-I /2021-22 (**Amount Rs/-15.66 Lakh**)
6. “Sandless casting process” DST, New Delhi, under Advanced Manufacturing Technology (AMT) Program of DST, **Co-PI: Amitesh Kumar**

### **Research and Consultancy activities**

1. Consultancy on “Melting, moulding, heat treatment and quality control of various types of castings” (07/11/2016 to 11/11/2016); Taken by Dr. K. K. Singh and Dr. A. K. Singh; CASTAMET PVT. LTD., Kharwa, Ajmer, Rajasthan; consultancy charge of Rs. 4.0 Lacks.

2. Consultancy Project on “Development and Characterization of high phosphorous cast iron” is in progress from October, 2016. Taken by Dr. K. K. Singh. Consultancy Project funded by TATA STEEL JAMSHEDPUR, Consultancy Project cost of Rs. 7.5 Lacks.
3. Consultancy “ Preparation of Detail Project Report for common Facility Center for Bauripur Surgical Cluster, Kolkat, W.B.; Taken by Dr. A. K. Singh, Dr. K. K. Singh and Dr. Amitesh Kumar. The consultancy charge of Rs. 10.0 Lacks.
4. Book Reviewed by Dr. Nandita Gupta and Dr. Amitesh Kumar for Petroleum Conservation and Research Association(PCRA) (Ministry of Petroleum and Natural Gas), New Delhi.
5. Consultancy on Moulding, casting defects and prevention for Tayo Rolls Jamshedpur, during 11-13 July, 2014, by Dr. K. K. Singh and Dr. Amitesh Kumar, consultancy charge: 1.25Lakh.
6. Consultancy on Foundry Technology in updating of manpower of Coimbatore Foundry cluster, 24-25th July 2014, Consultancy cost: 2.75 Lakh, sponsored by UNIDO.
7. Consultancy on Foundry Technology in updating of manpower of Belgaum Foundry cluster, 4-5th August 2014, Consultancy cost: 2.75 Lakh, sponsored by UNIDO.
8. Consultancy on Foundry Technology and quality control for rail wheel plant Bela, Bihar, completed by Dr. K. K. Singh and Dr. A. K. Singh, 13th – 17th January 2015.
9. Consultancy on Foundry Technology in updating of manpower of Belgaum Foundry cluster, 4-5th August 2014, Consultancy cost: 2.75 Lakh, sponsored by UNIDO.
10. Consultancy on Foundry Technology and quality control for rail wheel plant Bela, Bihar, completed by Dr. K. K. Singh and Dr. A. K. Singh, 13th – 17th January 2015. Consultancy cost: 2.5 lakhs.
11. Consultancy on Foundry Technology and quality control for rail wheel plant Bela, Bihar, completed by Dr. K. K. Singh and Dr. A. K. Singh, 27th – 31st January 2015. Consultancy cost: 2.5 lakhs.
12. Two days (21-22nd June, 2015) constancy on Foundry Technology and Quality control for KSB Pumps, Ahmednagar was completed by Dr. Amitesh Kumar and Dr. K. K. Singh, coordinated by Dr. Amitesh Kumar. Total consultancy fee- 2.0 lakhs.
- 13 Effect of Boron addition on DI Pipe: TATA STEEL Amount: 10Lakh (Dr. D. Roy, MME Dept) 2019

**a) Publications (if any) out of research in last three years out of masters projects**

**2021**

1. R. Lakra, M. Balakrishnan, S. Basu, Development of cellulose acetate-chitosan-metal organic framework forward osmosis membrane for recovery of water and nutrients from wastewater, *Journal of Environmental Chemical Engineering* 9 (2021) 105882.
2. U. Sharma, S. Shalini, S. Basu, P. Saravanan, M. Jang, Active layer modification of commercial Nanofiltration membrane using CuBTC/PVA matrix for improved surface and separation characteristics, *J Applied Polymer Science*, 138 (21) (2021) 1-12 (SCI, Impact Factor: 2.52)
3. Sonika, A P Murugesan, **Debdas Roy**, Palash Poddar, "Effect of Aging on Hardness and Tensile Properties of Advanced Mg-Sn Based Alloys"**Journal of Metallurgy and Materials Science** Vol. 63, No. 1-2, (2021) 61-73
4. **Debdas Roy**, Snehanshu Pal, Chandra Sekhar Tiwary, Ashish Kumar Gupta, Pokula Narendra Babu, Rahul Mitra "Stable nanocrystalline structure attainment and Strength enhancement of Cu base alloy using bi-modal distributed tungsten dispersoids"**Philosophical Magazine** 102 (2021) (3)189-209
5. **D.Roy**, S.Chakraborty, A. K. Gupta, A. Basu Mallick, R O Scattergood, Carl C. Koch "Synergistic effect of Nb and Zr additions on the structure-property relationships of nanocrystalline Cu processed by mechanical alloying and hot pressing"**Journal of Alloy and Compounds** 854 ( 2021), 157174

## 2020

1. S Chakraborty, R.Bagla, K.Sikdar, Debdas Roy, A Basumallick "Structure Property Relationship in a Bulk Cu-Cr-W Composite Synthesized by High-energy Ball Milling and Spark Plasma Sintering" *Materials Chemistry and Physics* 256 (2020) 123708
2. S Chakraborty, A K Gupta, Debdas Roy, A Basumallick, "Nanomechanical properties of mechanically alloyed and spark plasma sintered W-nanoparticulate dispersed Cu-Nb alloys" *Materials Letters* 274 (2020) 128004
3. Debdas Roy, S Chakraborty, A K Gupta, A Basumallick, Carl C Koch, "Synergistic effect of Nb and Zr addition in thermal stabilization of nano-crystalline Cu synthesized by ball milling" *Materials Letters* 271 (2020) 127780
4. A.Gupta, B.Mallik, D.Roy "Structure property correlation of in-situ reinforced Al based metal matrix composite via Stir Casting" *Materials Performance and Characterization* Vol 9,no. 1 (2020): 25–35
5. Viranshu Kumar, Ratnesh Kumar Gupta, Ghanshyam Das, "Effect of Warm Forging on the Microstructure and Corrosion Behavior of Austenitic Stainless Steel 316LN", *Materials Performance and Characterization*, vol 9, no. 1 (2020): 94-106.
6. Viranshu Kumar, Ratnesh Kumar Gupta, Ghanshyam Das, "Influence of Forging and Annealing on the Microstructure and Corrosion Behavior of Austenitic Stainless Steel", *J. Inst. Eng. India Ser. D* (2020).
7. Viranshu Kumar, Ratnesh Kumar Gupta, Ghanshyam Das, "Influence of Deformation and Annealing on Microstructure and Corrosion Behavior of Austenitic Stainless Steel", *Materials today : Proceedings* 22P4 (2020) pp. 3347-3352
8. Shambhu Kumar, Ratnakar Das, Sambit Kumar Parida "Water absorption and mechanical properties of sabai yarn in FRP composite" *Materials Today: Proceedings* vol22 (2020)
9. G. Rajamohan and Sangeeth, P. "On-machine measurement of geometric tolerances on a five-axis CNC machining centre International Conference on Advances in Material Science and Mechanical Engineering (ICAMSME 2020), NBKRIST, Vidyanagar (Andhra Pradesh)

10. Anand M. Murmu, Shambhu Kumar, S. K. Parida, A. K. Das " Evaluation of hardness and wear behavior of laser cladding zirconia-alumina-titania ceramic top coating on pure Ti6Al4 Materials Today: Proceedings vol22 (2020)
11. Ranjan K. Behera, S. K. Parida, R. R. Da "3-D interfacial stress analysis of adhesively bonded curved laminated FRP composite single lap joint" Materials Today: Proceedings vol22 (2020)
12. N. Singh, S. Basu\*, M. Balakrishnan Comprehensive treatment scheme for distillery wastewater targeting recovery of water, antioxidant compounds and biogas, J Water Process Engineering, 38 (2020), 101663 (SCI, Impact Factor: 3.173)

## 2019

1. S. Chakraborty, A. Gupta, D. Roy, A. Basumallick, "Studies on Nano-Metal Dispersed Cu-Cr Matrix Composite" Materials Letters 257 (2019) 126739
2. K. Sikdar, A. Mahata, Somraj Chakravarty, Mark A. Atwater, D. Roy, Carl C. Koch "Effect of B on the thermal stabilization of cryomilled nanocrystalline Cu-Al alloy" Materialia 5 (2019) 100253
3. B. Mallik, K. Sikdar, D. Roy "Tribology performance of in situ reinforced Al-based Metal Matrix Composite processed by Spark Plasma Sintering" Materials Performance and Characterization vol 8 No.1 (2019) 62-71
4. Nidhu Khobragade, Koushik Sikdar, Binod Kumar, Supriya Bera, Debdas Roy "Mechanical and Electrical properties of copper-graphene nanocomposite fabricated by high pressure torsion" Journal of Alloys and Compounds 776 (2019) 123-132
5. K. Sikdar, A. Mahata, B. Roy, D. Roy "Hybrid thermal stabilization of Zr doped nanocrystalline Cu" Materials and Design 164 (2019) 107564
6. Viranshu Kumar, Ratnesh Kumar Gupta, Ghanshyam Das, "Pitting and electrochemical behavior of 316L austenitic stainless steel subjected to warm deformation", IOP conference series: material science and engineering 653 (2019) 012038
7. Pruthwiraj Sahu, Sambit Kumar Parida "Effect of cenosphere filler on the hardness and impact strength of wild cane fibre mat reinforced laminated composites" in the proceeding of ICAMME, 2019, KIIT Bhubaneswar, India March 15-17, 2019
8. S. Deepak Kumar, D Karthik, S. K. Parida, S. K. Jh "Optimization of Semi-solid forging parameters of A356-5TiB 2 in-situ composites using ANSYS and DEFORM Simulation" Innovations in soft-computing and Information Technology, Springer nature 2019
9. G. Rajamohan "Selection of parameterization method for fitting of freeform curves using uniformly spaced data International Conference on Mechanical Engineering Design (ICMechD 2019), SSN College of Engineering, Chennai." 2019
10. Md Saquib Bin Reyaz, S. K. Parida "Design, development of automated SMAW setup and weldment analysis in wet and dry working environment,"
11. Ranjan K. Behera, S. K. Parida & R. R. Das : "Three Dimensional Adhesion Failure Analysis of the Single Lap Joint having Pre-Embedded Circular Defects' Journal of Strain Analysis for Engineering Design vol 54 2019
12. Ranjan K. Behera, S. K. Parida & R. R. Das "Effect of the aspect ratio of the pre-existing rectangular adhesion failure on the structural integrity of the adhesively bonded single lap joint" Journal of Adhesion Science and Technology vol 33 (2019)
13. Pruthwiraj Sahu, Sambit Kumar Parida and Sisir Mantry "Effect of agglomerated zirconia-toughened mullite on the mechanical properties of giant cane fiber mat epoxy laminated composites, Structural Engineering and Mechanics vol 70 (2019) 233-243
14. N. Singh, I. Petrini, C. Hélix-Nielsen, S. Basu\*, M Balakrishnan, Influence of Forward Osmosis (FO) membrane properties on dewatering of molasses distillery wastewater, J Water Process Engineering, 32 (2019), 100921 (SCI, Impact Factor: 3.173)



15. N. Singh, S. Dhiman, S. Basu\*, M. Balakrishnan, I. Petrinic, C. Helix-Nielsen, Dewatering of sewage for nutrients and water recovery by Forward Osmosis (FO) using divalent draw solution, *Water Process Engineering*, 31 (2019), 100853 (SCI, Impact Factor: 3.173)

### 2018

1. Nidhi Khobragade, Koushik Sikdar, Binod Kumar, Debdas Roy "Effect of Annealing on Microstructure, Grain Growth and Hardness of Nanocrystalline Cu-Zr Alloy Prepared by Cryogenic Ball Milling" *Journal Materials Science and Research*, Vol 7, No 3 2018
2. B. Mallik, K. Sikdar, D.Roy "Synthesis and Characterization of Aluminium Base in situ Metal Matrix Composites by Spark Plasma Sintering" *Journal Materials Science and Research*, Vol 7, No 1 2018
3. S.Kumar, S. Rajpal, S. K. Sharma, D.Roy, S. R. Kumar "Influence of Annealing On Structural and Optical Properties of CdS Thin Films Developed by Chemical Route" *Journal of Ovonic Research* Vol. 14, No. 3, May - June 2018, p. 185 - 191
4. Subhajit Mitra, Debdas Roy, Santanu Banerjee, Tanmay Bhattacharyya, P. P. Chattopadhyay "Effect of Boron on the Manufacturing Process and Final Properties of Ductile Iron Pipes (DI Pipes)" *Ironmaking and Steelmaking: Processes, Products and Applications* 45 (2018) 1-5
5. V. Kumar, R. Gupta and G. Das, "Effect of deformation on corrosion behavior of austenitic stainless steel: a review", *International journal of recent scientific research*, 2018.
6. Md. Razaullah Khan and A. K. Pathak "Practical Investigation of Weldment of FSS Welded by MIG Welding Process" *Advanced Science, Engineering and Medicine* 313–317 Vol 10 (2018)
7. Shamama Anwar and G. Rajamohan "A rough sets based edge detector and its performance evaluation" *International Journal of Engineering Sciences & Emerging Technologie* 2018 vol 10 page 58
8. Kaushik, A.; Basu\*, S.; Batra, V. S.; Balakrishnan, M. Fractionation of sugarcane molasses distillery wastewater and evaluation of antioxidant and antimicrobial characteristics, *Ind Crops Prod.* 118 (2018) 73-80 (SCI, Impact Factor: 3.577)
9. N. Singh, I. Petrinic, C. Hélix-Nielsen, S. Basu\*, M. Balakrishnan, Concentrating molasses distillery wastewater using biomimetic forward osmosis (FO) membranes, *Water Research*, 2018, 130, 271-280 (SCI, Impact factor 6.9)
10. Basu\*, S.; Mukherjee, S.; Balakrishnan, M.; Deepthi, M.; Sailaja, V. R. R. N. Polysulfone/nanocomposites mixed matrix ultrafiltration membrane for the recovery of Maillard reaction products. *Membr. Water Treat.*, 2018, 9 (2), 105-113 (SCI, Impact factor: 0.679).
11. Kaushik A., Basu S. \*, Raturi S., V.S. Batra, M. Balakrishnan, Recovery of antioxidants from sugarcane molasses distillery wastewater and its effect on biomethanation, *J Water Process Engg.*, 2018, 25, 205-211 (SCI, Impact factor: 3.173)

#### **b) MoUs with Industries (minimum 3 (10))**



राष्ट्रीय उन्नत विनिर्माण प्रौद्योगिकी संस्थान  
(पूर्व नेशनल इंस्टीट्यूट ऑफ फाउंड्री एंड फॉर्ज टेक्नोलॉजी)  
हटिया, राँची - 834 003 (झारखण्ड)

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

TO WHOM IT MAY CONCERN

This is to certify that the institute has MoU with the following industries and institutes:

1. TSUYO MANUFACTURING PVT. LTD and NIAMT, Ranchi
2. STPI and NIAMT, Ranchi
3. MoE and NIAMT, Ranchi
4. HEC and NIAMT, Ranchi
5. TATA Steel and NIAMT, Ranchi
6. RKFL and NIAMT, Ranchi
7. CPWD and NIAMT, Ranchi
8. CSIR-NML and NIAMT, Ranchi
9. RDCIS/SAIL and NIAMT, Ranchi
10. UBA, IIT, Delhi and NIAMT, Ranchi
11. DISA INDIA LTD. and NIAMT, Ranchi
12. IMTT, Batla and NIAMT, Ranchi

This certificate is issued for the purpose of Extension of Approval of AICTE for the academic year 2022-23.

  
(Director)

**NIAMT**  
Director

राष्ट्रीय उन्नत विनिर्माण प्रौद्योगिकी संस्थान, राँची-3  
National Institute of Advanced Manufacturing Technology, Ranchi

**18. LoA and subsequent EoA till the current Academic Year :**



**APPROVAL PROCESS 2021-22**

**Extension of Approval (EoA)**

F.No. Eastern/1-0318462054/2021/EoA

Date: 10-Jul-2021

To,

The Principal Secretary (Science & Tech. Deptt.)  
Govt. of Jharkhand Nepal House,  
Chunab, Ranchi-834002

**Sub: Extension of Approval for the Academic Year 2021-22**

Ref: Application of the Institution for Extension of Approval for the Academic Year 2021-22

Sr/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) (1<sup>st</sup> Amendment) Regulations, 2021 notified on 24th February, 2021 and other notifications as applicable and published from time to time, I am directed to convey the approval to

Permanent Id	1-3356504004	Application Id	1-0318462054
Name of the Institution/University	NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY	Name of the Society/Trust	National Institute of Foundry & Forge Technology (NFFFT)
Institution/University Address	HATIA, RANCHI, RANCHI, JHARKHAND, 834003	Society/Trust Address	National Institute of Foundry & Forge Technology (NFFFT), Ranchi, Hatia, Ranchi, Jharkhand, 834003
Institution/University Type	Govt. aided	Region	Eastern

To conduct following Programs / Courses with the Intake indicated below for the Academic Year 2021-22

Program	Level	Course	Affiliating Body (University/Body)	Intake Approved for 2020-21	Intake Approved for 2021-22	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MANUFACTURING ENGINEERING	JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI	60	60	No	No
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	METALLURGICAL AND MATERIALS ENGINEERING	JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	MANUFACTURING ENGINEERING	JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI	30	30	NA	NA

ENGINEERING AND TECHNOLOGY	POST GRADUATE	ENVIRONMENTAL ENGINEERING	JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI	30	30	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	INDUSTRIAL METALLURGY	JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI	28	28	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	FOUNDRY AND FORGE TECHNOLOGY	JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI	28	28	NA	NA
ENGINEERING AND TECHNOLOGY	POST DIPLOMA	FOUNDRY TECHNOLOGY	JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI	46	46	NA	NA
ENGINEERING AND TECHNOLOGY	POST DIPLOMA	FORGE TECHNOLOGY	JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI	46	46	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Mechanical Engineering	JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI	60	60	NA	NA

## Approved New Course(s)

**It is mandatory to comply with all the essential requirements as given in APH 2021-22 (Appendix 6)**

The Institution/ University is having the following deficiencies as per the online application submitted to AICTE (self-disclosure based) and the same shall be complied within Six Months from the date of issue of this EoA

Deficiencies* Noted (based on Self Disclosure)
Faculty Deficiency
Establishment Committee for SC/ST.
Establishment Internal Complaint Committee (ICC).
Implementation of student Induction Programme.
Waste Management and a sustainable Green Campus.
Display of Course(s) and Approved Intake.
Fees to be charged, policies uploaded.
Courses/Approved Intake displayed.

\*Please refer Deficiency Report for details.



### Important Instructions

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2021-22 for the Total Approved intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty-Student ratio as specified in the Approval Process Handbook.
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Complaint Committee (ICC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as per the provisions made in Approval Process Handbook and AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

**Prof.Rajive Kumar**  
Member Secretary, AICTE

Copy \*\* to:

1. **The Director of Technical Education\*\***, Jharkhand
2. **The Registrar\*\***,  
Jharkhand University Of Technology, Ranchi
3. **The Principal / Director**,  
NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY  
Haba, Ranchi,  
Ranchi/Ranchi,  
Jharkhand,834003
4. **The Secretary / Chairman**,  
National Institute of Foundry & Forge Technology (NIFFT), Ranchi  
Haba,Ranchi  
Jharkhand,834003
5. **The Regional Officer**,  
All India Council for Technical Education  
College of Leather Technology Campus  
Block LB, Sector III, Salt Lake City  
Kolkata - 700 098, West Bengal
6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

\*\* Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

*This is a computer generated Statement. No signature Required*

**19. Audited Accounts statement for the last three years :-**

**1. Annual Accounts NIFFT 2018-2019**

**2. Annual Accounts NIFFT 2019-2020**

**3. Annual Accounts NIFFT 2020-2021**

**1. Annual Accounts (NIFFT) 2018-2019**

# NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY

## ANNUAL ACCOUNTS FOR THE FINANCIAL YEAR 2018-19.

### CONTENTS

Sl.NO	PARTICULAR	Page No.
1	Balance Sheet as on 31.03.2019	1
2	Schedule forming part of Balance Sheet(1 to 5)	2-11
3	Income & Expenditure A/c	12
4	Schedules Forming Part of Income & Expenditure account (6 to 15)	13-20
5	Receipts & Payments Accounts	21-22
6	Schedules Forming Part of Receipts & Payments account (16 to 26)	23-30
7	Bank Reconciliation Statements	31-32
8	General Provident Fund Account	33-37
9	Technical Education Quality Improvement Programme Account	38-42

# NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY

HATIA, RANCHI-834003

BALANCE SHEET AS ON 31st MARCH, 2019

SOURCES OF FUNDS	Schedule	Current Year 2018-19	Previous Year 2017-18
CORPUS/CAPITAL FUND	1	1,21,27,38,608.94	1,02,18,11,821.67
CURRENT LIABILITIES	2	3,37,68,729.20	2,28,42,121.20
<b>TOTAL</b>		<b>1,24,65,07,338.14</b>	<b>1,04,46,53,942.87</b>

APPLICATION OF FUNDS	Schedule	Current Year 2018-19	Previous Year 2017-18
<b>FIXED ASSETS</b>	<b>3</b>		
a) Tangible Assets		14,01,86,444.28	14,63,24,883.31
b) Capital work-In-Progress		75,66,66,139.00	12,55,61,369.00
c) Intangible Assets		30,61,937.40	68,76,656.60
<b>CURRENT ASSETS</b>	<b>4</b>	<b>27,64,15,532.40</b>	<b>11,29,70,209.90</b>
<b>LOANS, ADVANCES &amp; DEPOSITS</b>	<b>5</b>	<b>7,01,77,185.06</b>	<b>65,29,20,824.06</b>
<b>TOTAL</b>		<b>1,24,65,07,338.14</b>	<b>1,04,46,53,942.87</b>

AS INTERNAL AUDITOR

For: M/s Kumar Vikash & CO., (REGISTERED ACCOUNTANTS)

CA. Vikash Kumar (Proprietor)

MEMBERSHIP NO.: 423928

PLACE : RANCHI

DATE: 22.05.2019



*(Signature)*  
Asstt. Registrar-Accounts

*(Signature)*  
Director

**SCHEDULE - 1 - CORPUS/CAPITAL FUND**

Particulars	Current Year	Previous Year
Balance at the beginning of the year	1,02,18,11,821.67	91,12,87,931.66
Add: Contributions towards Corpus/Capital fund		-
Add: Grants from UGC, Govt. of India, state Government to the extent utilised for capital expenditure		-
Add: Assets Purchased out of Earmarked Funds		-
Add: Assets Purchased out of Sponsored Projects, where ownership vests in the Institution		-
Add: Capital Grants received from Ministry of Human Resource Development (Govt. of India)	14,00,00,000.00	10,00,00,000.00
Add: Assets Donated / Gifts Received		-
Add: Others Additions (Building appreciation)	-	2,51,71,416.98
Less: Others Deduction (Custom Duty paid during the FY 2016-17 for SERB Project new)	-	(1,47,453.00)
Add: Excess of Income over Expenditure transferred from the Income & Expenditure Account	5,09,26,787.27	-
<b>TOTAL</b>	<b>1,21,27,38,608.94</b>	<b>1,03,63,11,895.64</b>
Deduct: Deficit transferred from Income & Expenditure Account	-	(1,45,00,073.97)
<b>Balance at the year end</b>	<b>1,21,27,38,608.94</b>	<b>1,02,18,11,821.67</b>





**SCHEDULE - 2 - CURRENT LIABILITIES**

		CURRENT LIABILITIES		Current Year	Previous Years
1	Deposit From Staff			13,77,524.00	11,47,108.00
2	Deposit From Student				
a	Caution Money			67,69,103.50	65,54,003.50
b	Unclaimed fees			5,10,950.00	2,53,550.00
3	Deposit-Others				
a	Earnest Money			9,36,841.00	51,36,841.00
b	Security Deposit			1,74,738.30	1,74,738.30
4	Statutory Liabilities				
a	LIC Premium			6,698.40	6,698.40
b	TDS U/s 192A			38,444.00	1,890.00
c	TDS U/s 194C			48,957.00	39,870.00
d	TDS U/s 194J			1,049.00	[9,051.00]
e	GPF Deduction from Salary			65,380.00	60,710.00
f	Employees Loan Repayment			19,607.00	19,607.00
g	Professional Tax on Salary			6,807.00	41,488.00
h	New Pension Scheme (Employees Contribution)			33,636.00	-
i	New Pension Scheme (Employer Contribution)			33,636.00	-
5	Other Current Liability				
a	Receipt against Sponsored Projects	(Schedule 2(a))		41,19,095.00	31,55,923.00
b	Receipt against Sponsored Fellowship & Scholarship	(Schedule 2(b))		25,42,523.00	12,53,413.00
c	Other Liabilities			FY 2018-19	FY 2017-18
a	Account Payable/ Receivable			2,23,441.00	2,23,441.00
b	AICTE			1,40,000.00	1,40,000.00
c	Grant From CBSE Board			50,000.00	50,000.00
d	M/s Total Library Solution			92,784.00	92,784.00
e	NIIFT Alumni Association			4,78,200.00	3,42,500.00
f	Expenses Payable			1,60,99,315.00	41,56,607.00
				<b>3,37,68,729.20</b>	<b>2,28,42,121.20</b>



**SCHEDULE - 2(a) - SPONSORED PROJECTS**

Sr. No.	Name of the Project	Opening Balance		Receipts	Total	Expenditure	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
1	Chair Professor-Ministry of Steel	-	-	-	-	-	-	-
2	Consultancy-Tata Steel Ltd.	2,72,000	-	3,02,083	5,74,083	5,74,083	-	-
3	Direct Admission of Students Abroad(DASA)	1,28,175	-	-	1,28,175	-	1,28,175	-
4	Project-Board of Research in Nuclear Science(BRNS)	16,39,363	-	-	16,39,363	-	16,39,363	-
5	Project-Science and Engineering Research Board(Old)	1,80,450	-	-	1,80,450	-	1,80,450	-
6	Project-Science & Engineering Research Board(New 1)	2,33,373	-	-	2,33,373	96,849	1,36,524	-
7	Project-Science & Engineering Research Board(New 2)	-	-	9,78,525	9,78,525	-	9,78,525	-
8	Technical Education Quality Improvement Programme	18,704	-	-	18,704	-	18,704	-
9	Burnpur Surgical Cluster, MSME (West Bengal)	6,71,158	-	7,50,000	14,21,158	4,94,399	9,26,759	-
10	Naval Dockyard Mumbai Publication	12,700	-	2,94,000	3,06,700	3,06,700	-	-
11	Unnat Bharat Abhiyan	-	-	1,85,000	1,85,000	74,405	1,10,595	-
	Total	31,55,923	-	25,09,608	56,65,531	15,46,436	41,19,095	-

**SCHEDULE - 2(b) - SPONSORED FELLOWSHIP AND SCHOLARSHIPS**

Sr. No.	Name of the Project	Opening Balance		Receipts	Total	Expenditure	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
1	Govt. of India SC/ST Scholarship	4,09,600	-	21,46,560	25,56,160	12,52,000	13,04,160	-
2	Ministry of Steel Scholarship	-	-	6,00,000	6,00,000	6,00,000	-	-
3	S N Sinha Memorial Scholarship	10,000	-	5,000	15,000	5,000	10,000	-
4	State Scholarship for Students	8,33,813	-	16,13,550	24,47,363	12,19,000	12,28,363	-
	Total	12,53,413	-	43,65,110	56,18,523	30,76,000	25,42,523	-



SCHEDULE - FIXED ASSETS (0.8)

Sl. No	Assets Heads	Rate of Depreciation (%)	Gross Block			Net Block		
			Opening Balance 01.04.2018	Additions	Closing Balance	Depreciation Opening Balance	Depreciation for the Year	As on 31.03.2019
1	2	3	4	5	6	7	8	9
1	Land	0%	-	-	-	-	-	-
2	Site Development	5%	-	-	-	-	-	-
3	Buildings	2%	16,05,43,000.73	-	16,05,43,000.73	5,62,07,338.19	32,30,800.00	10,70,05,600.53
4	Roads & Bridges	2%	-	-	-	-	-	-
5	Tuber works & Water Supply	2%	-	-	-	-	-	-
6	Sewerage & Drainage	2%	-	-	-	-	-	-
7	Electrical Installation and Equipment	5%	12,25,28,383.97	-	12,25,28,383.97	20,54,19,117.92	82,26,413.20	1,09,68,443.22
8	Plant & Machinery	5%	-	-	-	-	-	-
9	Scientific & Laboratory Equipment	8%	-	-	-	-	-	-
10	Office Equipment	2.5%	5,41,790.36	-	5,41,790.36	2,54,790.36	13,41,790.36	-
11	Audio Visual Equipment	7.5%	-	-	-	-	-	-
12	Computers & Peripherals	20%	-	-	-	-	-	-
13	Furniture, Fixtures & Fittings	7.5%	2,34,07,343.89	-	2,34,07,343.89	2,06,32,903.46	18,80,000.79	6,08,362.29
14	Vehicles	10%	18,20,719.00	-	18,20,719.00	1,82,071.90	18,20,719.00	-
15	Lib. Books & Scientific Journals	10%	10,05,24,632.58	-	10,05,24,632.58	3,48,40,040.02	48,53,907.47	48,53,907.47
16	Small Value Assets	100%	-	-	-	-	-	-
17	Equipment LIFECCO AIO	-	34,97,217.00	-	34,97,217.00	14,97,217.00	-	-
	<b>Total (A)</b>		<b>41,78,70,366.53</b>	<b>-</b>	<b>41,78,70,366.53</b>	<b>38,23,82,979.94</b>	<b>1,59,93,693.59</b>	<b>11,86,53,697.02</b>
17	Capital work in Progress (B)	-	-	-	-	-	-	-
	<b>Total (A+B)</b>		<b>41,78,70,366.53</b>	<b>-</b>	<b>41,78,70,366.53</b>	<b>38,23,82,979.94</b>	<b>1,59,93,693.59</b>	<b>11,86,53,697.02</b>
18	Intangible Assets	-	-	-	-	-	-	-
19	Computer Software	40%	-	-	-	-	-	-
20	Patents	40%	-	-	-	-	-	-
	<b>Total (C)</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Grand Total (A+B+C)</b>		<b>41,78,70,366.53</b>	<b>-</b>	<b>41,78,70,366.53</b>	<b>38,23,82,979.94</b>	<b>1,59,93,693.59</b>	<b>11,86,53,697.02</b>
								<b>13,46,45,406.61</b>



SCHEDULE - 2A - P14M P10C2 ASSETS

Sl. No	Assets Heads	Rate of Depreciation (%)	Gross Block			Depreciation for the Year			Net Block	
			Q.B. As on 01.01.2018	Addition	Closing Balance	Depreciation @	Depreciation for the Year	Total Depreciation	As on 31.03.2018	As on 31.03.2019
1	2	3	4	5	6=4+5	7	8	9=7+8	10=1+9-8	11
1	Land	0%	-	-	-	-	-	-	-	-
2	Site Development	0%	-	-	-	-	-	-	-	-
3	Buildings	3%	-	-	-	-	-	-	-	-
4	Roads & Bridges	3%	-	-	-	-	-	-	-	-
5	Tuber wells & Water Supply	2%	-	-	-	-	-	-	-	-
6	Sewage & Drainage	2%	-	-	-	-	-	-	-	-
7	Electrical Installation and Equipment	5%	-	-	-	-	-	-	-	-
8	Furn & Machinery	5%	840,606.00	1,745,042.00	2,337,658.00	76.305.82	306,662.30	185,493.78	2,048,146.25	761,810.15
9	Scientific & Laboratory Equipment	8%	945,922.00	6,513,204.00	5,456,646.00	123,661.76	756,551.48	880,153.48	8,576,452.56	820,160.38
10	Office Equipment	7.5%	306,705.06	218,500.00	438,205.00	36,292.26	32,115.18	59,367.63	369,837.37	381,452.75
11	Audio Visual Equipment	7.5%	443,200.00	147,999.00	596,259.00	47,933.90	43,669.43	91,202.08	494,356.07	545,106.10
12	Corrutors & Peripherals	20%	2,501,303.00	496,128.00	3,055,697.00	767,473.60	832,639.40	1,359,413.00	1,700,284.00	1,813,805.40
13	Furniture, Bedding & Clothing	7.5%	131,147.00	1,031,369.00	1,765,928.00	95,436.85	142,658.13	231,855.97	1,534,044.02	832,750.14
14	Motorist	10%	4,718,130.00	-	4,718,130.00	3,020,656.90	472,811.00	1,403,467.00	3,254,648.10	3,707,659.10
15	Lib. Books & Scientific Journals	10%	707,582.00	1,079,703.00	1,795,284.00	196,830.40	276,938.30	529,278.70	1,899,526.60	610,751.60
16	Tuber wells & Water Supply	2%	110,900.00	-	210,900.00	4,268.00	4,206.00	9,412.00	201,888.00	259,094.00
17	Total (A)	100%	11,430,041.00	12,729,025.00	30,368,096.00	2,398,272.11	3,382,627.21	4,830,899.32	33,519,166.97	9,346,768.88
17	Capital work in Progress (B)		125,981,969.00	681,164,770.00	756,646,139.00	-	-	-	756,646,139.00	125,981,969.00
18	Intangible Assets									
18	Computer Software	40%	-	-	-	-	-	-	-	-
19	Journal	40%	17,102,825.00	5,045,018.00	22,146,843.00	10,325,168.40	8,858,737.20	15,084,905.60	3,061,937.40	6,876,656.60
20	Patents	0 Years	17,102,825.00	5,045,018.00	22,146,843.00	19,236,368.40	8,858,737.20	25,094,905.60	2,042,937.40	6,876,656.60
Grand Total (A+B+C)			134,103,235.00	648,877,613.00	842,991,648.00	12,524,440.51	11,345,964.61	33,773,604.93	379,217,243.27	141,578,794.88





SCHEDULE - 36 NON PLAN FIXED ASSETS

S.No	Asset Heads	Rate of Depreciation (%)	D.B. 01.04.2018	Depreciation for the Year	Net Block	As on 31.03.2019	As on 31.03.2018
				Depreciation for the Year	Total Depreciation		
2	Land	0%	-	-	-	-	-
3	Land Development	0%	-	-	-	-	-
4	Buildings	2%	-	-	-	-	-
5	Roads & Bridges	2%	-	-	-	-	-
6	Tube wells & Water Supply	2%	117,495.00	2,349.90	2,349.90	108,195.40	110,445.30
7	Sewerage & Drainage	2%	-	-	-	-	-
8	Electrical Traction and Equipment	5%	-	-	-	-	-
9	Plant & Machinery	5%	65,737.00	3,286.85	3,286.85	58,417.50	64,707.95
10	Scientific & Laboratory Equipment	8%	-	-	-	-	-
11	Office Equipment	7.5%	140,600.00	10,545.00	10,545.00	121,055.00	131,145.25
12	Audio Visual Equipment	2.5%	248,200.00	6,205.00	6,205.00	241,995.00	248,200.00
13	Computers & Peripherals	20%	2,676,211.00	535,242.20	535,242.20	2,140,968.80	2,194,200.00
14	Furniture, Fixtures & Fittings	7.5%	88,171.00	6,612.83	6,612.83	81,558.17	88,171.00
15	Vehicle	10%	-	-	-	-	-
16	Lib. Books & Scientific Journals	10%	33,421.00	3,342.10	3,342.10	30,078.90	33,421.00
17	Scientific & Laboratory Equipment	8%	49,560.00	3,964.80	3,964.80	45,595.20	49,560.00
18	Small Value Assets	30%	-	-	-	-	-
Total (A)			1,401,888.00	57,834.00	57,834.00	1,344,054.00	1,459,722.00

17	Capital work in Progress	-	-	-	-	-	-
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S.No	Intangible Assets	Rate of Depreciation	D.B. 01.04.2018	Depreciation for the Year	Net Block	As on 31.03.2019	As on 31.03.2018
				Depreciation for the Year	Total Depreciation		
18	Computer Software	40%	-	-	-	-	-
19	E-Books	40%	-	-	-	-	-
20	Patents	5 Years	-	-	-	-	-
Total (C)			-	-	-	-	-
Grand Total (A+B+C)			1,401,888.00	57,834.00	57,834.00	1,344,054.00	1,459,722.00





**SCHEDULE - 4 - CURRENT ASSETS**

	PARTICULAR	Current Year	Previous Year
<b>1</b>	<b>Sundry Debtors:</b>		
a	Debts outstanding for a period exceeding six months	5,14,152.68	5,14,152.68
<b>2</b>	<b>Cash and Bank Balances</b>		
a	<b>In Saving Accounts</b>		
i	Canara Bank SB A/c No. 2730101006939 (Non-Plan)	1,60,90,009.52	1,38,94,177.52
ii	Canara Bank SB A/c No. 2730101007913 (Plan)	2,31,429.60	4,35,54,447.60
iii	Canara Bank SB A/c No. 273010109959	1,127.00	1,088.00
iv	SBI Hatia SB A/c (O.B.)	3,344.10	3,344.10
v	Canara Bank SB A/c No. 2730101011451	48,08,771.00	1,000.00
vi	Canara Bank SB A/c No. 2730101011452	12,02,17,163.50	1,000.00
vii	Canara Bank SB A/c No. 2730101011453	4,45,49,635.00	1,000.00
<b>3</b>	<b>Cash</b>		
a	Cash in hand	-	-
<b>4</b>	<b>Investment</b>		
	(schedule-4(a))	-	5,50,00,000.00
<b>5</b>	<b>Fund in Transit</b>	9,00,00,000.00	-
	<b>TOTAL</b>	<b>27,64,15,632.40</b>	<b>11,29,70,209.90</b>



**SCHEDULE 4(a) : INVESTMENTS**

Amount in Rupees	
Current Year	Previous Year
	5,50,00,000.00

Term Deposit with Nationalized Bank



**SCHEDULE - 5 - LOANS, ADVANCES & DEPOSITS**

1		Current Year	Previous Years
<b>Advances to Employees: (Non Interest Bearing)</b>			
a	Expenses Advance	7,04,699.00	2,95,385.00
b	Festival Advance	9,000.00	42,750.00
c	Leave Travel Concession Advance	2,24,386.00	3,74,569.00
d	Medical Advance	2,87,219.00	15,079.00
e	Travelling Advance	34,965.00	7,327.00
f	Rolling Advance	3,88,085.00	3,59,602.00
<b>Advances to Employees: (Interest Bearing)</b>			
a	House Building Advances	13,000.00	37,000.00
b	Computer Advance	3,57,594.00	98,894.00
c	Car/Motorcycle/Scooter Advance	98,190.00	1,82,210.00
<b>Advances &amp; Other amounts Recoverable</b>			
<b>on Capital Account</b>			
a	NIIFT-Golden Jubilee Celebration	20,10,199.33	30,10,199.33
b	Contribution to Annual Feast-JIINKS	16,00,000.00	16,00,000.00
c	Advance SBI online A/c -1268	10,62,063.20	10,62,063.20
d	Advance to NIIFT Student's Gymkhana	60,000.00	60,000.00
e	All India Workshop on Excellence in Manufacturing	4,00,000.00	3,00,000.00
<b>to Suppliers</b>			
<b>Advance to Suppliers(O.B)</b>			
a	M/s Ed.CIL (India) Ltd. (for Campus Wide Networking)	13,53,195.00	13,53,195.00
b	M/s Mecon Ltd.	5,00,000.00	5,00,000.00
c	M/s National Informatic Centre	3,29,07,670.00	3,29,07,670.00
d	M/s Patents Info	15,000.00	15,000.00
e	M/s Sreeleathers	3,235.00	3,235.00
b	Deposits Against Foreign Letter of Credit(O.B.)	65,21,899.53	65,21,899.53
c	Advance to Central Public Works Department	1,71,12,134.00	59,92,16,904.00
d	Advance to Hotel Peepal Tree	9,070.00	-
<b>Prepaid Expense</b>			
a	Pre Paid Internet Expenses	11,80,000.00	11,80,000.00



Contd..

5	Deposits	Current Year	Previous Years
a	Telephone		
a	Security Deposit With P&T Department	29,550.00	29,550.00
b	Electricity		
a	Security Deposit With Jharkhand Electricity Board	12,15,000.00	12,15,000.00
c	AICTE	1,88,047.00	1,88,047.00
d	Others		
a	CBI Attachment	5,54,613.00	5,54,613.00
b	Security Deposit & Earnest Money (O.B.)	2,16,707.00	2,16,707.00
c	SBI (FDR) Scholar Fund	23,378.00	23,378.00
d	Security Deposit With Jayant Gas Co.	32,501.00	32,501.00
e	Security Deposit With Ranchi University	2,50,000.00	2,50,000.00
f	Student Welfare Fund	21,563.00	21,563.00
g	M/s Jyoti India	-	55,000.00
6	Income Accrued:		
a	On Advance to Employees	14,143.00	14,143.00
b	On Investment	-	3,95,541.00
7	Claims Receivable		
a	Amount Receivable from M tab	1,80,000.00	1,80,000.00
b	Amount Receivable from Pensioners	56,450.00	83,170.00
c	Income Tax (TDS) Refundable-Unrealized	4,96,476.00	4,96,476.00
d	Rent Receivable from BSNL	21,000.00	21,000.00
e	TDS - Unrealized	1,153.00	1,153.00
f	MOS Chair Professor Receivable	25,000.00	-
		<b>7,01,77,185.06</b>	<b>65,29,20,824.06</b>



# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCHI-834003

## INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31st MARCH, 2019

I N C O M E		Schedule	Current Year	Previous Year
ACADEMIC RECEIPTS		6	3,66,46,162.00	3,72,45,333.00
GRANTS		7	31,75,95,000.00	23,56,95,000.00
INCOME FROM INVESTMENT		8	7,00,975.50	14,73,216.00
INTRIST EARNED		9	25,57,387.00	28,11,157.00
OTHER INCOME		10	19,17,067.00	28,51,831.00
<b>TOTAL(A)</b>			<b>35,94,16,591.50</b>	<b>28,00,76,537.00</b>
E X P E N D I T U R E		Schedule	Current Year	Previous Year
STAFF PAYMENT & BENEFITS (Establishment Expenses)		11	19,71,75,111.00	19,04,91,610.00
ACADEMIC EXPENSES		12	4,56,05,315.00	3,37,84,572.00
ADMINISTRATIVE AND GENERAL EXPENSES		13	3,05,08,464.00	2,60,53,534.90
TRANSPORTATION EXPENSES		14	9,13,312.00	9,91,915.00
REPAIR & MAINTENANCE EXPENSES		15	65,03,567.00	58,58,345.00
DEPRECIATION		3	2,77,84,035.23	3,73,96,826.07
<b>TOTAL(B)</b>			<b>30,84,89,804.23</b>	<b>29,45,76,802.97</b>
Balance Being Deficit Carried to Capital Fund (A-B)			<b>5,09,26,787.27</b>	<b>(1,45,00,265.97)</b>

AS INTERNAL AUDITOR

For: M/s Kumar Vihash & CO. (CHARTERED ACCOUNTANTS)

CA. Vihash Kumar (Proprietor)

MEMBERSHIP NO.: 423928

PLACE : RANCHI

DATE: 23.06.2019



*Vihash*  
Assets Registrar-Accounts

*Vihash*  
Director



**SCHEDULE - 6 - ACADEMIC RECEIPTS**

PARTICULAR		Current Year	Previous year
FEES FROM STUDENTS			
<b>1 Academic</b>			
a Admission Fee		66,100.00	53,800.00
b Application Fee		2,49,525.00	1,24,000.00
c Computer Fee		12,65,500.00	12,86,000.00
d Grade Card Fee		48,750.00	48,150.00
e Library Access Fee		12,23,500.00	13,43,000.00
f Registration/Enrolment Fee		2,89,800.00	3,47,500.00
g Seat Rent		25,07,400.00	24,75,000.00
h Tuition Fees		2,25,10,050.00	2,24,21,100.00
<b>Total (A)</b>		<b>2,81,60,625.00</b>	<b>2,80,98,550.00</b>
<b>2 Examinations</b>			
a Examination Fee-Institute		6,34,500.00	7,83,950.00
b Examination Fee-Ranchi University		22,16,100.00	23,08,400.00
<b>Total (B)</b>		<b>28,50,600.00</b>	<b>30,92,350.00</b>
<b>3 Other Fees</b>			
a Fines & Penalties		1,06,687.00	1,98,033.00
b Gymkhana Fee		3,70,350.00	3,85,800.00
c Hostel Fee		61,400.00	48,400.00
d Hostel Maintenance Fee (Establishment Charges)		40,08,000.00	43,53,000.00
e Identity Card Fee (Re-issued)		350.00	800.00
f Internet Access Fee		3,84,150.00	3,74,400.00
g Medical Fee		6,94,500.00	6,94,000.00
h Seminar/Thesis Fees		9,500.00	-
<b>Total (C)</b>		<b>56,34,937.00</b>	<b>60,54,433.00</b>
<b>GRAND TOTAL (A+B+C)</b>		<b>3,66,46,162.00</b>	<b>3,72,45,333.00</b>



# **SCHEDULE - 7 GRANTS**

PARTICULAR	Govt. of India (MHRD)		Current Year Total	Previous Year Total
	Plan	Non Plan		
Receipts during the Year	-	31,75,95,000.00	31,75,95,000.00	23,56,95,000.00
Less: Refund	-	-	-	-
			<b>31,75,95,000.00</b>	<b>23,56,95,000.00</b>

# **SCHEDULE - 8 - INCOME FROM INVESTMENTS**

PARTICULAR	Current Year	Previous Year
1 Interest on Term Deposit with Nationalized Bank	7,00,975.50	10,77,675.00
2 Interest accrued on Term Deposit but not received	-	3,95,541.00
<b>Note-10</b>	<b>7,00,975.50</b>	<b>14,73,216.00</b>

# **SCHEDULE - 9 - INTEREST EARNED**

PARTICULAR	Plan	Non Plan	Current Year Total	Previous Year Total
1 Interest on Saving Account with scheduled banks	10,46,664.00	14,24,929.00	24,71,593.00	26,46,397.00
2 Interest on Loans of Employees			85,794.00	1,64,760.00
			<b>25,57,387.00</b>	<b>28,11,157.00</b>



**SCHEDULE -10- OTHER INCOME**

PARTICULAR	Current Year	Previous Year
<b>A. Income from Land &amp; Buildings</b>		
1. Electricity Charges Recovered	2,47,177.00	2,22,752.00
2. Rent Recovered	2,34,675.00	2,59,700.00
3. License Fee Recovered	3,33,770.00	3,25,587.00
4. Water Charges Recovered	924.00	558.00
<b>Total (A)</b>	<b>8,16,546.00</b>	<b>8,09,397.00</b>
<b>B. Others</b>		
<b>1. Others Incomes</b>		
a) Bus Charges Recovery	69,550.00	19,660.00
b) Certificate Verification & Transcript Fee	49,000.00	32,160.00
c) Photocopy Charges	276.00	-
2. Income From Consultancy	44,432.00	5,35,690.00
3. Misc. Receipts	41,904.00	14,54,924.00
4. Recruitment Fees	6,19,275.00	-
5. RTI Fees	665.00	-
6. Rechecking Charges	3,200.00	-
7. Income From Scrape Sale	2,72,219.00	-
<b>Total (B)</b>	<b>11,00,521.00</b>	<b>20,42,434.00</b>
<b>Grand Total (A+B)</b>	<b>19,17,067.00</b>	<b>28,51,831.00</b>



**SCHEDULE - 11 - STAFF PAYMENTS & BENEFITS ( ESTABLISHMENT EXPENSES )**

PARTICULAR	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
<b>1. Salaries and Wages</b>						
a) Salaries and Wages (Teaching & Non Teaching)	-	9,67,31,406.00	9,67,31,406.00	-	8,72,49,893.00	8,72,49,893.00
b) Salary Arrear	-	48,95,177.00	48,95,177.00	-	2,39,18,528.00	2,39,18,528.00
2. Allowance and Bonus	-	5,27,016.00	5,27,016.00	-	1,00,166.00	1,00,166.00
<b>3. Retirement and Terminal Benefits</b>						
a) Composite Transfer/TA Grant	-	2,84,536.00	2,84,536.00	-	26,564.00	26,564.00
b) Encashment of Leave	-	50,51,702.00	50,51,702.00	-	10,60,689.00	10,60,689.00
c) Leave Salary & Pension Contribution	-	1,15,415.00	1,15,415.00	-	3,14,844.00	3,14,844.00
d) Other Retirement Benefit	-	-	-	-	64,950.00	64,950.00
e) Payment of Gratuity	-	25,72,468.00	25,72,468.00	-	45,03,880.00	45,03,880.00
f) Pension	-	4,26,09,896.00	4,26,09,896.00	-	3,66,64,173.00	3,66,64,173.00
g) Commutation	-	44,30,884.00	44,30,884.00	-	20,71,577.00	20,71,577.00
h) Arrear to Pensioner	-	71,33,566.00	71,33,566.00	-	34,38,713.00	34,38,713.00
4. Leave Travel Concession facilities	-	18,11,216.00	18,11,216.00	-	7,79,354.00	7,79,354.00
5. Medical Facility	-	12,69,896.00	12,69,896.00	-	12,29,928.00	12,29,928.00
6. Children Education Allowance	-	8,31,912.00	8,31,912.00	-	8,32,993.00	8,32,993.00
7. Honorarium	-	1,53,921.00	1,53,921.00	-	1,23,939.00	1,23,939.00
<b>8. Payment to Adhoc Staff</b>						
a) Consultants & Contractual Staff	-	13,65,879.00	13,65,879.00	-	3,94,170.00	3,94,170.00
b) Salary-System Administrator	-	3,29,491.00	3,29,491.00	-	3,00,743.00	3,00,743.00
c) Salary-Lab Staffs	-	4,32,822.00	4,32,822.00	-	-	-
d) Indian Allied Security-Manpower Supply	-	1,72,09,794.00	1,72,09,794.00	-	1,65,41,492.00	1,65,41,492.00
e) Bombay Intelligence Security-Sweeping & Cleaning	-	91,29,947.00	91,29,947.00	-	79,35,752.00	79,35,752.00
f) M/s Service Master Clean Ltd.-Manpower Supply	-	-	-	-	29,39,262.00	29,39,262.00
g) Physical Trainer	-	70,000.00	70,000.00	-	-	-
h) Accountant	-	2,18,167.00	2,18,167.00	-	-	-
<b>TOTAL</b>	-	<b>19,71,75,111.00</b>	<b>19,71,75,111.00</b>	-	<b>19,04,91,610.00</b>	<b>19,04,91,610.00</b>





**SCHEDULE - 12 - ACADEMIC EXPENSES**

PARTICULAR	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
1. Examination Expenses	-	18,84,000.00	18,84,000.00	-	25,95,728.00	25,95,728.00
2. Payment to Visiting Faculty	-	20,35,263.00	20,35,263.00	-	19,70,558.00	19,70,558.00
<b>3. Stipend /Merit Cum Means Scholarship</b>	-	-	-	-	-	-
a) Merit-Cum-Means Scholarship	-	13,60,000.00	13,60,000.00	-	13,26,000.00	13,26,000.00
b) Scholarship to M.Tech Students	-	2,96,60,521.00	2,96,60,521.00	-	1,75,39,615.00	1,75,39,615.00
c) Stipend to Advanced Diploma Course Students	-	39,02,404.00	39,02,404.00	-	42,94,994.00	42,94,994.00
d) Stipend to PhD Scholars	-	42,21,838.00	42,21,838.00	-	29,16,448.00	29,16,448.00
<b>4. Student Welfare Expenses</b>	-	-	-	-	-	-
a) NIFT Clinic Expenses	-	1,44,376.00	1,44,376.00	-	98,161.00	98,161.00
b) Student Medical Reimbursement	-	-	-	-	675.00	675.00
c) Students Recreation Activities	-	4,24,832.00	4,24,832.00	-	1,43,710.00	1,43,710.00
d) Medical Insurance of Students	-	5,12,217.00	5,12,217.00	-	-	-
5. Laboratory & Workshop Expenses	-	10,85,590.00	10,85,590.00	-	13,99,803.00	13,99,803.00
6. Participation in Seminar & Conferences	-	2,22,948.00	2,22,948.00	-	1,95,575.00	1,95,575.00
7. Seminar/Workshop/Conference Expenses	-	1,32,326.00	1,32,326.00	-	9,31,340.00	9,31,340.00
8. Subscription/Membership Expenses	-	-	-	-	31,840.00	31,840.00
9. Other Academic Expenses	-	19,000.00	19,000.00	-	3,40,125.00	3,40,125.00
<b>TOTAL</b>	-	<b>4,56,05,315.00</b>	<b>4,56,05,315.00</b>	-	<b>3,37,84,572.00</b>	<b>3,37,84,572.00</b>



**SCHEDULE - 13 - ADMINISTRATIVE AND GENERAL EXPENSES**

PARTICULAR	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
<b>A) Infrastructure</b>						
<b>a) Electricity &amp; Power</b>						
a) D.G. Set Fuel Expenses	-	10,36,811.00	10,36,811.00	-	6,05,261.00	6,05,261.00
b) Jharkhand Biju Vitran Nigam Ltd.	-	84,80,071.00	84,80,071.00	-	88,93,122.00	88,93,122.00
<b>b) Rent, Rates and Taxes</b>						
a) Lease Rent to M/s HEC Ltd.	-	51,804.00	51,804.00	-	51,804.00	51,804.00
b) Municipal Tax	-	38,17,277.00	38,17,277.00	-	4,00,000.00	4,00,000.00
<b>B) Communication</b>						
<b>a) Telephone, Fax and Internet Charges</b>						
a) M/s BSNL	-	3,61,941.00	3,61,941.00	-	3,42,357.00	3,42,357.00
b) M/s Ernet	-	-	-	-	21,317.00	21,317.00
c) M/s Software Technology Parks of India	-	-	-	-	68,560.00	68,560.00
d) Other Mobile & Landline	-	5,416.00	5,416.00	-	9,797.00	9,797.00
e) ISML Internet Leased Line	-	11,80,000.00	11,80,000.00	-	11,50,000.00	11,50,000.00
Internet Charges-NICSI	-	1,57,825.00	1,57,825.00	-	62,179.00	62,179.00
<b>b) Postage &amp; Stationery Expenses</b>	-	34,944.00	34,944.00	-	40,151.00	40,151.00
<b>C) Others Expenditure</b>						
<b>a) Advertisement &amp; Publicity</b>						
a) M/s Jagran Prakashan Ltd.	-	76,972.00	76,972.00	-	-	-
b) M/s TAG Publishing Pvt Ltd.	-	2,92,068.00	2,92,068.00	-	-	-
c) M/s Employment News	-	94,466.00	94,466.00	-	51,672.00	51,672.00
d) M/s Hindustan Media Ventures Ltd.	-	35,206.00	35,206.00	-	-	-
e) M/s HT Media Ltd.	-	25,704.00	25,704.00	-	-	-
f) M/s Neutral Publishing House Ltd.	-	1,59,036.00	1,59,036.00	-	-	-
g) M/s Kasturi & Sons Pvt. Ltd.	-	-	-	-	1,03,794.00	1,03,794.00
h) M/s Neutral Publishing House Ltd.	-	-	-	-	83,160.00	83,160.00
i) M/s Sandeep Consultant	-	1,638.00	1,638.00	-	-	-
j) The Samagra Jagran Prakashan Ltd.	-	1,000.00	1,000.00	-	-	-

Contd...





PARTICULAR	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
b) Hospitality Expenses	-	16,89,414.00	16,89,414.00	-	8,75,223.00	8,75,223.00
c) Internal & CAG Auditor Remuneration	-	4,37,371.00	4,37,371.00	-	2,47,260.00	2,47,260.00
d) Magazine/Journals/News Paper/Subscriptions	-	10,698.00	10,698.00	-	10,759.00	10,759.00
e) Printing & Stationary (Consumption)	-	9,31,052.00	9,31,052.00	-	4,51,087.00	4,51,087.00
f) Rajbhasha Activities Expenses	-	42,319.00	42,319.00	-	83,647.00	83,647.00
g) Security Expenses	-	-	-	-	-	-
h) Workhand Home Guards	-	59,23,125.00	59,23,125.00	-	69,84,080.00	69,84,080.00
i) Sitting Charges for Meetings	-	6,95,505.00	6,95,505.00	-	57,900.00	57,900.00
j) Travelling & Conveyance	-	27,14,737.00	27,14,737.00	-	20,70,551.00	20,70,551.00
k) Legal Expenses	-	1,54,850.00	1,54,850.00	-	3,03,795.00	3,03,795.00
l) Bank Charges	-	21,441.00	21,441.00	-	21,079.00	21,079.00
m) Celebration & other Activities Expenses	-	20,09,924.00	20,09,924.00	-	30,39,664.00	30,39,664.00
n) Miscellaneous Expenditure	-	65,847.00	65,847.00	-	25,335.90	25,335.90
<b>TOTAL</b>	-	<b>3,05,08,464.00</b>	<b>3,05,08,464.00</b>	-	<b>2,60,53,534.90</b>	<b>2,60,53,534.90</b>



**SCHEDULE- 14 - TRANSPORTATION EXPENSES**

PARTICULAR	Current Year		Previous Year	
	Plan	Non Plan	Plan	Total
<b>1. Vehicles (Owned by Institutions)</b>				
a) Insurance Expenses	-	1,79,774.00	-	1,79,774.00
B) Running Expenses (Fuel)	-	5,51,203.00	-	5,51,203.00
C) Vehicles Repairs & Maintenance	-	1,38,043.00	-	1,38,043.00
<b>2. Vehicles Hiring Expenses</b>	-	44,292.00	-	44,292.00
<b>Total</b>	-	<b>9,13,312.00</b>	-	<b>9,13,312.00</b>

**SCHEDULE- 15 - REPAIRS & MAINTENANCE**

PARTICULAR	Current Year		Previous Year	
	Plan	Non Plan	Plan	Total
<b>1. Annual Maintenance Cost</b>				
a) AMC of DG Set	-	47,200.00	-	47,200.00
b) AMC of Photocopier	-	86,090.00	-	86,090.00
c) AMC of Water Purifiers	-	33,285.00	-	33,285.00
<b>2. Building Maintenance</b>	-	23,88,145.00	-	23,88,145.00
<b>3. Cleaning Material &amp; Services</b>	-	4,34,296.00	-	4,34,296.00
<b>4. Computer Maintenance</b>	-	1,83,859.00	-	1,83,859.00
<b>5. Electrical Maintenance</b>	-	16,44,235.00	-	16,44,235.00
<b>6. Furniture &amp; Fixtures Maintenance</b>	-	47,729.00	-	47,729.00
<b>7. Gardening</b>	-	1,22,775.00	-	1,22,775.00
<b>8. Office Equipments Maintenance</b>	-	1,07,407.00	-	1,07,407.00
<b>9. Repair &amp; Maintenance-Others</b>	-	14,08,546.00	-	14,08,546.00
<b>Total</b>	-	<b>65,03,567.00</b>	-	<b>65,03,567.00</b>



## RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31.03.2019



VIII. Other Income					
1. Other Income	17	18,72,333.00	30,32,333.00		
IX. Miscellaneous receipts Including statutory Receipts	18	3,69,43,202.00	3,82,73,961.10		
X. Deposits & Advances	19	40,05,479.00	5,35,70,126.17		
XI. Sundry Debtors 1. POCIL India Ltd.		-	35,00,000.00		
		57,04,18,313.72	55,46,18,961.93	57,04,18,313.72	55,46,18,961.93

AG (INTERNAL AUDITOR)  
From: M/S Kumar Vignesh & Co., (Firm) (INCORPORATED IN INDIA)

CA. Vignesh Kumar (Firm)  
MBA/9050019 REGD-4210000  
PLACE: MADURAI  
DATE: 22.06.2019



*Vignesh*  
Authorized Signatory

*Vignesh*  
Director

**SCHEDULE- 16 - ACADEMIC RECEIPTS**

PARTICULARS		AMOUNT
<b>1.Academic</b>		
a. Admission Fee		25,700.00
b. Application Fee		2,49,525.00
c. Computer Fee		10,20,500.00
d. Grade Card Fee		30,000.00
e. Library Access Fee		10,16,500.00
f. Registration/Enrolment Fee		1,58,200.00
g. Seat Rent		20,39,400.00
h. Tuition Fees		1,66,15,250.00
<b>(1) Sub Total</b>		<b>2,11,55,075.00</b>
<b>2.Examination Fees</b>		
a. Examination Fees-Institute		15,10,500.00
b.Examination Fees-Ranchi University		10,95,900.00
<b>(2) Sub Total</b>		<b>26,06,400.00</b>
<b>3.Other Fees</b>		
a.Fine & Penalties		1,06,687.00
b.Gymkhana Fee		2,92,950.00
c.Hostel Fees		21,000.00
d.Hostel Maintenance Fee		33,99,000.00
e.Identity card Fee		350.00
f.Internet Access Fee		3,06,750.00
g.Medical Fee		5,77,500.00
h.Seminar/Thesis Fees		9,500.00
i.Degree Fees		1,15,200.00
4.Admission Fees from CSAB 2018		58,97,400.00
5.CCMT 2018		30,40,000.00
<b>(3) Sub Total</b>		<b>1,37,66,337.00</b>



**SCHEDULE- 17 - OTHER INCOME**

PARTICULARS	AMOUNT
<b>1.Other</b>	
a.Bus Charges Recovery	69,550.00
b.Certificate/Transcript verification fees	49,000.00
c. Misc. Receipts (sale of Tender Form etc.)	41,904.00
d.RTI Fees	665.00
e.Photocopy Charges	276.00
f.Rechecking Charges	3,200.00
g.Recruitment Fees	6,19,275.00
h.Income from Scrap Sale	2,72,219.00
<b>2.Income from Land &amp; Building</b>	
a.Electricity charges Recovered	2,47,117.00
b. Rent Recovered	2,34,675.00
c. Licence Fees	3,33,400.00
d. Water Charges Recovery	922.00
<b>TOTAL</b>	<b>18,72,203.00</b>





**SCHEDULE- 18 MISC RECEIPTS INCLUDING STATUTORY RECEIPTS**

PARTICULARS	AMOUNT
<b>1.Current Liabilities</b>	
a.Gratitude,Leave Encashment-D.Roy	2,12,416.00
b.Lakhan Rajak withheld Amount	18,000.00
b.Caution Money	5,74,500.00
c.Earnest Money	1,00,000.00
d.Other current Liabilities	13,46,293.00
<b>2.Statutory Liabilities</b>	
a.Employees Loan Repayment	15,000.00
b.GPF Deduction from Salary	1,41,60,322.00
c.GIS Premium	29,500.00
d.LIC Premium	12,74,214.00
e.New Pension Scheme (Employees Contribution)	21,14,634.00
f.New Pension Scheme (Employers Contribution)	21,06,141.00
g.Professional Tax on Salary	1,43,410.00
h.TDS Payable U/sec. 192A	1,46,64,700.00
i.TDS Payable U/sec. 194C	81,784.00
j.TDS Payable U/sec. 194J	1,02,351.00
<b>TOTAL</b>	<b>3,69,43,265.00</b>



**SCHEDULE-19 - DEPOSIT & ADVANCES**

PARTICULARS		AMOUNT
<b>1. Advance &amp; Other Amount Receivable</b>		
a. Advance to SBI (online)-1268		7,00,000.00
b. Amount Received from Hotel Peepal Tree		5,930.00
<b>2. Advance to Employees (Interest Bearing)</b>		
a. Car/Motorcycle/Scooter Advance		84,020.00
b. Computer Advance		91,300.00
c. House Building Advance		24,000.00
<b>3. Advance to Employees (Non Interest Bearing)</b>		
a. Expenses Advance		10,24,537.00
b. Festival Advance		45,900.00
c. Leave Travel Concession Advance		14,14,779.00
d. Medical Advance		20,000.00
e. Rolling Advance		26,369.00
f. Travelling Advance		91,383.00
<b>4. Claim Receivable</b>		
a. Amount Receivable from Pensioners		26,720.00
<b>5. Income Accrued</b>		
a. Interest Accrued on Investment		3,95,541.00
<b>6. Deposits</b>		
M/s. Jyoti India, Hatia		55,000.00
<b>TOTAL</b>		<b>40,05,479.00</b>





**SCHEDULE- 20 - NON-PLAN EXPENSES**

PARTICULARS	AMOUNT
<b>1.Academic Expenses</b>	
a.Examination Expenses	18,41,000.00
b.Payment to Visiting Faculty	78,750.00
c.Stipend/Merit cum means Scholarship	3,24,57,983.00
d.Student Welfare Expenses	10,28,662.00
e.Laboratory & workshop Expenses	3,74,823.00
f.Participation in Seminar & Conferences Expenses	1,27,380.00
g.Seminar/Workshop/Conference Expenses	55,872.00
h.Other Academic Expenses	13,000.00
<b>2.Administrative General Expenses</b>	
a.Communication	4,87,538.00
b.Infrastructure	1,16,61,848.00
c.Others Expenditure	89,93,323.00
<b>3.Repair &amp; Maintenance</b>	
a.Annual Maintenance Cost	86,090.00
b.Building Maintenance	13,89,570.00
c.Computer Maintenance	1,05,953.00
d.Cleaning Material & Services	24,880.00
e.Electrical Maintenance	7,38,947.00
f.Furniture & Fixture Maintenance	-
g.Gardening	73,440.00
h.Repair & Maintenance-Printer	32,960.00
i.Repair & Maintenance-others	6,62,045.00
<b>4.Staff Payments &amp; Benefits (Est Expenses)</b>	
a.Allowances & Bonus	1,03,166.00
b.Children Education Allowance	8,31,912.00
c.Honorarium	1,35,125.00
d.Leave Travel Concession Facilities	3,94,613.00
e.Medical Facility	8,47,036.00
f.Payment to Adhoc Staff	9,24,659.00
g.Retirement & Terminal Benefits	6,21,98,467.00
h.Salaries & Wages	10,16,13,090.00
<b>5.Transportation Expenses</b>	
a.Vehicle Hiring Expenses	44,392.00
b.Vehicles Owned by Institution	1,73,774.00
c.Vehicles Repair & Maintenance	24,400.00
<b>TOTAL</b>	<b>22,75,45,598.00</b>

**SCHEDULE- 21 - PAYMENT AGAINST SPONSORED PROJECT**

PARTICULARS	AMOUNT
Buriapur Surgical Cluster, MSME (West Bengal)	4,94,399.00
Chair Professor-Ministry of Steel	-
Consultancy-Tata Steel Ltd.	5,05,902.00
Naval Dockyard Mumbai Publication	1,88,485.00
Unnat Bharat Abhiyan	74,405.00
Project-Science & Engineering Research Board(New 1)	96,849.00
<b>TOTAL</b>	<b>13,60,040.00</b>

**SCHEDULE- 22 - PLAN FIXED ASSETS**

PARTICULARS	AMOUNT
Audio Visual Equipment	72,500.00
Computer & Peripherals	4,84,878.00
Furniture, Fixture & Fittings	10,10,161.00
Library Books & Scientific Journals	10,29,701.00
Office Equipment	2,18,500.00
Plant & Machinery	12,93,012.00
Scientific Laboratory Equipment	85,12,724.00
<b>TOTAL</b>	<b>1,26,21,476.00</b>



**SCHEDULE- 23 - NON PLAN FIXED ASSETS**

PARTICULARS	AMOUNT
Computer & Peripherals	21,280.00
<b>TOTAL</b>	<b>21,280.00</b>

**SCHEDULE- 24 - TERM DEPOSIT WITH SCHEDULED BANK**

PARTICULARS	AMOUNT
<b>TOTAL</b>	<b>-</b>





**SCHEDULE- 25 - LOAN ADVANCES & DEPOSITS**

PARTICULARS	AMOUNT
<b>1.Advance &amp; Other Amount Receivable in cash/kind</b>	
a. Advance to Suppliers	4,93,65,010.00
b. On Capital Account	1,96,13,783.00
<b>2.Advance to Employees ( Non Interest Bearing)</b>	
a. Expenses Advance	28,33,346.00
b. Festival Advance	12,150.00
c. Leave Travel Concession Advance	26,81,199.00
d. Medical Advance	7,15,000.00
e. Rolling Advance	7,63,620.00
f. Travelling Advance	2,43,096.00
<b>3.Advance to Employees ( Interest Bearing)</b>	
Computer Advance	3,50,000.00
<b>4.Prepaid Expense</b>	
a. Prepaid Internet Expenses	11,80,000.00
<b>TOTAL</b>	<b>7,77,57,204.00</b>

**SCHEDULE- 26 - OTHER PAYMENT**

PARTICULARS	AMOUNT
<b>1.Deposit From Students</b>	
a. Caution Money	18,01,400.00
<b>2.Deposits-Other</b>	
a. Earnest Money	43,00,000.00
<b>3.Other Current Liabilities</b>	
a. Other Liabilities	3,63,97,474.00
<b>4.Statutory Liabilities</b>	
a. Employees Loan Repayment	15,000.00
b.GPF Deduction from Salary	1,41,55,652.00
c.GIS Premium	29,500.00
d.LIC Premium	12,74,214.00
e. New Pension Scheme(Employees Contribution)	20,80,998.00
f. New Pension Scheme(Employers Contribution)	20,80,998.00
<b>TOTAL</b>	<b>6,21,35,236.00</b>



**NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY**  
**HATIA, RANCHI-834003**

**BANK RECONCILIATION STATEMENT AS ON 31.03.2019**

**1) CANARA BANK SB A/C NO. 2730101006939 (NON PLAN A/C)**

Particulars	Amount
Balance as per Ledger as on 31.03.2019	1,60,90,009.52
Add: Amount credited in Bank but not entered in Cash Book as on 31.03.2019 (Annexure-I)	52,300.00
Less: Cheques deposited but not cleared as on 31.03.2019 (Annexure-II)	1,06,650.00
Balance as per Ledger as on 31.03.2019 (After Calculation)	1,60,35,659.52
Balance as per Bank Statement as on 31.03.2019	1,60,35,659.52
Difference	-

**2) CANARA BANK SB A/C NO. 2730101007913 (PLAN A/C)**

Particulars	Amount
Balance as per Ledger as on 31.03.2019	2,31,429.60
Balance as per Ledger as on 31.03.2019 (After BRS)	2,31,429.60
Balance as per Bank Statement as on 31.03.2019	2,31,429.60
Difference	-

**3) CANARA BANK SB A/C NO. 2730101011451**

Particulars	Amount
Balance as per Ledger as on 31.03.2019	83,08,771.00
Add: Cheque Issue but not cleared in Bank as on 31.03.2019	8,23,171.00
Less: Cheque Deposit but not cleared in Bank as on 31.03.2019	2,37,999.00
Balance as per Ledger as on 31.03.2019 (After Calculation)	53,93,943.00
Balance as per Bank Statement as on 31.03.2019	53,93,943.00
Difference	-

**4) CANARA BANK SB A/C NO. 2730101011452**

Particulars	Amount
Balance as per Ledger as on 31.03.2019	12,03,17,163.50
Add: Cheque Issue but not cleared in Bank as on 31.03.2019	1,73,636.00
Less: Bank Charges Debited by Bank but not in cash book	60.00
Balance as per Ledger as on 31.03.2019 (After Calculation)	12,03,90,859.50
Balance as per Bank Statement as on 31.03.2019	12,03,90,859.50
Difference	-

**5) CANARA BANK SB A/C NO. 2730101011453**

Particulars	Amount
Balance as per Ledger as on 31.03.2019	4,45,49,635.00
Add: Cheque Issue but not cleared in Bank as on 31.03.2019	42,17,277.00
Balance as per Ledger as on 31.03.2019 (After Calculation)	4,87,66,912.00
Balance as per Bank Statement as on 31.03.2019	4,87,66,912.00
Difference	-



**Annexures Forming Part of Bank Reconciliation Statement**

**ANNEXURE- I: Amount credited in Bank but not entered in Cash Book as on 31.03.2019**

Date	Particulars	Chq. No.	Amount
01.05.2018	Double Challan Deposit-Tech Nishant		1,700.00
18.03.2019	BSFCL Pains-N07719077754603		10,000.00
27.03.2019	BSFCL Pains-N0865190794327915		40,600.00
	<b>TOTAL</b>		<b>52,300.00</b>

**ANNEXURE- II: Cheques deposited but not cleared as on 31.03.2019**

Date	Particulars	Chq. No.	Amount
11.05.2017	Examination Fees-Institute		2,300.00
04.09.2017	Tuition Fees		22,350.00
08.09.2017	Tuition Fees		25,600.00
29.12.2017	Examination Fees-Institute		1,700.00
10.07.2018	Application Fees	524149	500.00
10.07.2018	Application Fees	153162	1,000.00
10.07.2018	Application Fees	462694	1,000.00
10.07.2018	Application Fees	364795	1,000.00
18.03.2019	Double Entry (N065180713691491) dated:31.12.2018		25,600.00
18.03.2019	Double Entry (N0653190757092432) dated:22.02.2019		25,600.00
	<b>TOTAL</b>		<b>1,06,650.00</b>



# **NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY**

A Centrally Funded Technical Institute under MHRD

(Govt. of India)

HATIA, RANCHI 834003 JHARKHAND



## **GENERAL PROVIDENT FUND FOR THE FINANCIAL YEAR 2018-19**

(As per Revised Formats of Financial Statements for Central Higher Educational Institutions)

*Audited by:*  
**M/s Kumar Vikash & Company.**  
(Chartered Accountants)  
Ranchi

# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCHI-834003

## GENERAL PROVIDENT FUND ACCOUNT

BALANCE SHEET AS AT 31st MARCH, 2019

Previous Year	Liabilities	Current Year	Previous Year	Assets	Current Year
7,18,05,848.00	<b>GPF</b>	8,22,06,840.00	8,14,29,995.00	<b>Investment in Term Deposit</b>	7,96,52,322.00
	Opening Balance	7,18,05,848.00		2730401001442/5	1,60,46,909.00
	Add: Subscription	1,40,48,000.00		2730401002217/4	95,32,371.00
	Add: Advances Recovered	1,64,766.00		2730401002218/4	95,32,372.00
	Add: Amount capitalised from GPI	9,08,253.00		30155723633/1(SBI)	1,10,69,482.00
	Less: Withdrawals	61,41,500.00		2730401001442/6	1,05,59,356.00
	Less: GPF Final settlements	41,71,475.00		2730401001627/4	1,56,13,012.00
	Add: Interest Credited	55,92,948.00		2730401001848/6	72,98,820.00
	<b>Closing Balance</b>	<b>8,22,06,840.00</b>			
1,42,83,483.29	<b>Interest Reserve</b>	1,28,00,489.29	28,73,732.00	<b>Accrued Interest</b>	32,05,428.00
	Opening Balance	1,42,83,483.29		<b>Cash at Bank</b>	
	Less: Excess of Expense over			Canara Bank SB A/c No. 2730101007115	1,21,49,579.29
	Income	5,74,741.00	17,85,604.29		
	Less: Transfer to GPF Fund A/c	9,08,253.00			
	<b>Closing Balance</b>	<b>1,28,00,489.29</b>			
<b>8,60,89,331.29</b>	<b>Total</b>	<b>9,50,07,329.29</b>	<b>8,60,89,331.29</b>	<b>Total</b>	<b>9,50,07,329.29</b>

AS INTERNAL AUDITOR

For: M/s Kumar Vikash & CO. (CHARTERED ACCOUNTANTS)

CA. Vikash Kumar (Proprietor)

MEMBERSHIP NO.: 423923

PLACE: RANCHI

DATE: 22.06.2019



*(Signature)*  
Asstt. Registrar-Accounts

*(Signature)*  
Director



# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCHI-834003

## GENERAL PROVIDENT FUND ACCOUNT

### INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 2019

EXPENDITURE	Current Year	INCOME	Current Year
Interest credited to GPF Account	55,92,948.00	Interest Earned on Investment Interest received on FDR Add: Interest accrued on 31.03.2019 Less: Interest Accrued on 31.03.2018	48,27,457.00
Bank Charges	273.00	Interest on Saving Bank Account Excess of Expenditure over Income adjust From Interest Reserve Account	1,91,023.00 5,74,741.00
<b>Total</b>	<b>55,93,221.00</b>	<b>Total</b>	<b>55,93,221.00</b>

AS INTERNAL AUDITOR

For M/s Kumar Vibash & CO. (CHARTERED ACCOUNTANTS)

CA. Vikash Kumar (Proprietor)

MEMBERSHIP NO.: 423928

PLACE : RANCHI

DATE: 22.06.2019



*[Signature]*  
Asstt. Registrar

*[Signature]*  
Director

# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCHI-834003

GENERAL PROVIDENT FUND ACCOUNT

RECEIPT AND PAYMENT ACCOUNT FOR FINANCIAL YEAR ENDED 31st MARCH 2019

RECEIPTS	Current Year	PAYMENTS	Current Year
Opening Balance			
Canara Bank SB A/c No. 2730101007115	17,85,604.29	GPF Final Settlement	41,71,475.00
GPF Subscription	1,40,48,000.00	GPF Withdrawal	61,41,500.00
GPF Advance recovery	1,64,766.00	Bank Charges	273.00
FD Encashment(270302000004/3)	58,98,530.00		
Interest on FD Encashment	3,74,904.00		
Interest on Saving Bank Account	1,91,023.00	Closing Balance	1,21,49,579.29
		Canara Bank SB A/c No. 2730101007115	
<b>Total</b>	<b>2,24,62,827.29</b>	<b>Total</b>	<b>2,24,62,827.29</b>

AS INTERNAL AUDITOR

For: M/s Kumar Vikash & CO. (CHARTERED ACCOUNTANTS)

CA, Vikash Kumar (Proprietor)

MEMBERSHIP NO.: 423925

PLACE : RANCHI

DATE: 22.06.2019



*[Signature]*  
Assist. Registrar

*[Signature]*  
Director

# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCHI-834003

## GENERAL PROVIDENT FUND ACCOUNT DETAILS OF TERM DEPOSITS AS ON 31.03.2019

Sl.	Account Number	Bank	Principle	Interest Accrued
1	2730401001442/5	Canara	1,60,46,909.00	8,00,866.00
2	2730401002217/4	Canara	95,32,371.00	5,46,357.00
3	2730401002218/4	Canara	95,32,372.00	5,46,357.00
4	30155723633/1(SBI)	Canara	1,10,69,482.00	6,89,714.00
5	2730401001442/6	Canara	1,05,59,356.00	2,64,592.00
6	2730401001627/4	Canara	1,56,13,012.00	2,88,000.00
7	2730401001848/6	Canara	72,98,820.00	69,542.00
<b>Total:</b>			<b>7,96,52,322.00</b>	<b>32,05,428.00</b>



**NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY**  
**HATIA ,RANCHI-834003**

Bank Reconciliation Statement as on 31.03.2019

1) CANARA BANK SB A/C NO. 2730101007115 (NIFFT GPF A/C)

Particulars	Amount
Balance as per Ledger as on 31.03.2019	1,21,49,579.29
Balance as per Bank Statement as on 31.03.2019	1,21,49,579.29
Difference	-



# NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY

HATIA ,RANCHI-834003

## TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME ACCOUNT

BALANCE SHEET AS AT 31st MARCH, 2019

SOURCES OF FUNDS	Schedule	Current Year 2018-19	Previous Year 2017-18
CORPUS/CAPITAL FUND	1	2,79,74,405.80	3,18,79,659.11
<b>TOTAL</b>		<b>2,79,74,405.80</b>	<b>3,18,79,659.11</b>

APPLICATION OF FUNDS	Schedule	Current Year 2018-19	Previous Year 2017-18
FIXED ASSETS	2	2,61,14,167.69	3,00,19,421.00
CURRENT ASSETS	3	7,05,484.11	7,05,484.11
LOANS, ADVANCES & DEPOSITS	4	11,54,754.00	11,54,754.00
<b>TOTAL</b>		<b>2,79,74,405.80</b>	<b>3,18,79,659.11</b>

AS INTERNAL AUDITOR

For: M/s Kumar Vikash & CO. (CHARTERED ACCOUNTANTS)

CA. Vikash Kumar (Proprietor)

MEMBERSHIP NO. : 423928

PLACE : RANCHI

DATE: 22.06.2019



Asstt. Registrar-Accounts

Director



# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCHI-834003

## TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME ACCOUNT

### INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31st MARCH, 2019

	INCOME	Schedule	Current Year	Previous Year
GRANTS		-	-	-
OTHER INCOME		-	-	-
	<b>TOTAL(A)</b>		-	-

	EXPENDITURE	Schedule	Current Year	Previous Year
OTHER EXPENSES		-	-	-
DEPRECIATION		2	39,05,253.31	1,49,83,238.28
	<b>TOTAL(B)</b>		<b>39,05,253.31</b>	<b>1,49,83,238.28</b>
	<b>Balance Being Deficit Carried to Capital Fund</b>		<b>(39,05,253.31)</b>	<b>(1,49,83,238.28)</b>

AS INTERNAL AUDITOR

For: M/s Kumar Vikash & CO. (CHARTERED ACCOUNTANTS)

C.A. Vikash Kumar (Partner)

MEMBERSHIP NO.: 423928

PLACE : RANCHI

DATE: 22.06.2019



*[Signature]*  
Asstt. Registrar-Accounts

*[Signature]*  
Director

# **NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY**

A Centrally Funded Technical Institute under MHRD

(Govt. of India)

HATIA, RANCHI 834003 JHARKHAND



## **TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME ACCOUNT FOR THE FINANCIAL YEAR 2018-19**

(As per Revised Formats of Financial Statements for Central Higher Educational Institutions)

*Audited by:*  
**M/s Kumar Vikash & Company.**  
(Chartered Accountants)

# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCHI-834003

## TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME ACCOUNT

RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31.03.2019

RECEIPTS	Current Year	PAYMENTS	Current Year
Opening Balances		Expenses	-
A) Cash Balances	1,255.00	Closing Balances	1,255.00
B) Bank Balances	7,04,229.11	A) Cash Balances	7,04,229.11
Receipts	-	B) Bank Balances	
	7,05,484.11		7,05,484.11

AS INTERNAL AUDITOR

For: M/s Kumar Vikash & CO. (CHARTERED ACCOUNTANTS)

CA. Vikash Kumar (Signature)

MEMBERSHIP NO.: 423928

PLACE : RANCHI

DATE: 22.06.2018



Asstt. Registrar-Accounts

Director

**SCHEDULE - 1 - CORPUS/CAPITAL FUND**

Particulars	Current Year	Previous Year
Balance at the beginning of the year	31,879,659.11	46,862,897.39
Add: Contributions towards Corpus/Capital fund	-	-
Add: Grants Received	-	-
Add: Excess of Income over Expenditure transferred from the Income & Expenditure Account	-	-
<b>TOTAL</b>	<b>31,879,659.11</b>	<b>46,862,897.39</b>
Deduct: Deficit transferred from Income & Expenditure Account	(3,905,253.31)	(14,983,238.28)
<b>Balance at the year end</b>	<b>27,974,405.80</b>	<b>31,879,659.11</b>



**SCHEDULE - 2- TEQIP FIXED ASSETS (O.B)**

S.No	Assets Heads	Opening Balance	Additions	Deductions	Total	Depreciation for the Year	Closing Balance
1	2	3	4	5	6	7	8
1	Scientific & Laboratory Equipment	2,85,85,236.35	-	-	2,85,85,236.35	29,77,174.70	2,56,08,061.65
2	Furniture, Fixtures & Fittings	1,82,167.37	-	-	1,82,167.37	69,385.13	1,12,782.24
3	Vehicles	26,464.01	-	-	26,464.01	26,464.01	-
4	Lib. Books & Scientific Journals	12,25,553.27	-	-	12,25,553.27	8,32,229.47	3,93,323.80
	<b>Total ( C )</b>	<b>3,00,19,421.00</b>	<b>-</b>	<b>-</b>	<b>3,00,19,421.00</b>	<b>39,05,253.31</b>	<b>2,61,14,167.69</b>

**SCHEDULE- 3 - CURRENT ASSETS(OB)**

Particulars	Current Year	Previous Year
1. cash in Hand	1,255.00	1,255.00
2. Cash at Bank	7,04,229.11	7,04,229.11
<b>Total</b>	<b>7,05,484.11</b>	<b>7,05,484.11</b>

**SCHEDULE- 4 - LOANS & ADVANCES(OB)**

Particulars	Current Year	Previous Year
1. M/s Ed .CIL (India) Ltd.	11,23,225.00	11,23,225.00
2. M/s NIFT	31,529.00	31,529.00
<b>Total</b>	<b>11,54,754.00</b>	<b>11,54,754.00</b>





**NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY**  
**HATIA, RANCHI-834003**

**SIGNIFICANT ACCOUNTING POLICIES AND NOTES ON ACCOUNTS (FY: 2018-19)**

**A- SIGNIFICANT ACCOUNTING POLICIES**

**A) GENERAL**

The Financial Statement are prepared in three parts i.e. (i) Receipts and Payments Account, (ii) Income and Expenditure Account and (iii) Balance sheet along with other four subsidiary accounts of the Institute viz. NIFFT- General Provident Account, Technical Education Quality Improvement Programme-NIFFT, Ministry of Steel Technical Wing Account-NIFFT and Workshop on Excellence in Manufacturing Account-NIFFT. The Annual Accounts of the Institute for FY 2018-19 are prepared on the revised "Formats of Financial Statements for Central Higher Education Institutions" which is suggested by the Ministry of Human Resource Development, Department of Higher Education, Government of India, Shastri Bhawan, New Delhi vide No. 29-4/2012-IFD dated 17<sup>th</sup> April, 2015.

**SIGNIFICANT ACCOUNTING POLICIES**

**1. Accounting Convention:**

The Annual Accounts are prepared under the historic cost convention and on going concern concept, unless otherwise stated, and on Accrual Method of Accounting.

**2. Revenue Recognition:**

- (i) The Institute is funded by the Ministry of Human Resource & Development (MHRD), Govt. of India. The government releases the Grant-in-Aid under two major heads i.e. PLAN and NON-PLAN. Grant-in-aid from Government of India is accounted for in the same financial year for which it is sanctioned by the MHRD, Government of India.
- (ii) The Institute, by way of its own nature/character, generates internal income. The major sources are various fees realized from students, interest earned on investments, consultancy and testing fees and other miscellaneous income. Fee from Students, Sale of Admission forms and realization against discarded/written off assets are accounted for on Cash Basis.
- (iii) Interest on Savings Bank Accounts is accounted for on Cash Basis.
- (iv) Interest on interest bearing advances to staff for house building, vehicles and computers are accounted for on accrual basis in the year of advance even, though the actual recovery of interest in case of house building advances starts after full repayment of principal amount.

**3. Fixed Asset & Depreciation:**

- (i) Fixed assets in case of assets belonging to Account are stated at cost of acquisition less accumulated depreciation thereon & impairment loss, if any. The cost includes inward freight, customs duty, installation charges and other directly attributable expenses related to their acquisition, installation and commissioning as per Rule 292 (1) (a) of GFR.



- (ii) The assets which are unserviceable condemned or out of use are written-off as per the provision given in Rule-124 of General Financial Rules (GFR). Such written-off is given effect in the Balance Sheet only after the issue of final order by the competent authority of the Institute.
- (iii) Patents and copy rights ,E Journals and computer software are grouped under Intangible assets
- (iv) Fixed assets are valued at cost less accumulated depreciation. Depreciation on fixed assets is provided on Written Down Value method at the following rates. Depreciation is provided for the whole year on net additions during the year.

Land	0%	Office Equipment	7.5%
Site Development	0%	Audio Visual Equipment	7.5%
Buildings	2%	Computers & Peripherals	20%
Roads & Bridges	2%	Furniture, Fixtures & Fittings	7.5%
Tube wells & Water Supply	2%	Vehicles	10%
Sewerage & Drainage	2%	Lib. Books & Scientific Journals	10%
Electrical installation and Equipment	5%	Computer Software	40%
Plant & Machinery	5%	E-Journals	40%
Scientific & Laboratory Equipment	8%	Patents	9 Years

- (v) Depreciation is calculated annually at the end of the year.

#### 4. Capital Work-in-Progress:

Deposit works are accounted for as Capital Work-in-Progress on the basis of inputs provided from Central Public Works Department. These are valued at cost. Running bills of contractors are also accounted for as Capital Work-in-Progress till completion. No depreciation is charged on capital work in progress. Secured advances and mobilization advances being in the nature of advances are disclosed separately under the head Loans & Advances.

#### 5. Investments:

Investments represent amount held in the form of fixed deposit/Term Deposit with banks as per the guidelines issued by Government of India / Reserve Bank of India. No investments are made by the Institute in tradable securities. The investments are valued at cost.

#### 6. Corpus/Capital Fund:

The excess of Income over Expenditure over income is added to the Corpus / Capital Fund and the excess of expenditure over income is deducted from Corpus/Capital Fund.

#### 7. Foreign Currency Transactions:

Foreign Currency Transactions are accounted for at the rate of exchange prevailing on the dates of such transactions.



**8. Provisions:**

Known liabilities recognized up to the date of finalization of accounts are provided for.

**9. Income Tax:**

The Institute is exempt from Income Tax as per the Provisions of Section 10(23C)(iii)(ab) of the Income Tax Act, 1961. Therefore, no provision for Income Tax is made.

**10. Purchase procedure through Institute's Stores & Purchase Unit:**

Payments made/cheques issued for purchase of consumable and non-consumable stocks against the confirmed Purchase Orders released by Institute's Stores and Purchase Unit are treated as final expenditure.

For M/s Kumar Vikash & Company,

Chartered Accountants



CA Vikash Kumar  
(Accounts)  
(Proprietor)

Date: 22/06/2019


Place: Ranchi

  
Director  
Asstt. Registrar

## **B- NOTES ON THE ACCOUNTS**

1. As the General Provident Fund Accounts are owned by members of those Funds and not by the Institution, These Accounts were separated from the Institute Accounts from 01.04.2015. A Receipt & Payments Account, an Income & Expenditure Account (on Accrual Basis) and a Balance Sheet of the General Provident Account have been attached to the Institute Accounts.
2. In the Balance sheet as on 31.03.2015 and the Balance Sheet of earlier years, Fixed Assets Created out of Plan Funds and Non Plan Funds were not exhibited distinctly. The Additions during the Year from 01.04.2015 from Plan and Non Plan Funds and the depreciation on those additions respectively have been exhibited distinctly in Sub Schedules A & B to the main schedule of Fixed Assets (Schedule -3).
3. The method of depreciation has been changed from WDV to SLM as instructed by MHRD. Due to unavailability of data for fixed assets SLM method is used taking retrospective effect from 2006. As the management was able to provide data from 2006 (Schedule3).
4. SBI Bank A/c no -36228721268 was treated as bank a/c for the F.Y. 2015-16 but from the Financial Year 2017-18, it is treated under the head loans, Advances & Deposit. The Institute explanation regarding the same is that the bank A/c is treated as advance with the limit of Rs. 10 lakh payment is made through this a/c for any expenditure made and the same A/c is claimed from the main A/c.
5. **Expenditure in Foreign Currency**  
Nil.
6. In the opinion of the management, the current assets, loans, Advances and Deposits have a value on realization in the ordinary course, equal at least to the aggregate amount shown in the Balance Sheet.
7. Previous year's Figures have been regrouped /rearranged wherever found necessary.
8. Schedule 1 to 17 are annexed to and bears an integral part of Balance Sheet as at 31<sup>st</sup> March 2019 and Income and Expenditure account for the year ended on that date.

For M/s Kumar Vikash & Company,  
Chartered Accountants

  
CA Vikash Kumar  
(Accounts)  
(Proprietor)

  
Director

  
Asstt. Registrar

Date: 22/06/2019  
Place: Ranchi





## **B- NOTES ON THE ACCOUNTS**

1. As the General Provident Fund Accounts are owned by members of those Funds and not by the Institution, These Accounts were separated from the Institute Accounts from 01.04.2015. A Receipt & Payments Account, an Income & Expenditure Account (on Accrual Basis) and a Balance Sheet of the General Provident Account have been attached to the Institute Accounts.
2. In the Balance sheet as on 31.03.2015 and the Balance Sheet of earlier years, Fixed Assets Created out of Plan Funds and Non Plan Funds were not exhibited distinctly. The Additions during the Year from 01.04.2015 from Plan and Non Plan Funds and the depreciation on those additions respectively have been exhibited distinctly in Sub Schedules A & B to the main schedule of Fixed Assets (Schedule -3).
3. The method of depreciation has been changed from WDV to SLM as instructed by MHRD. Due to unavailability of data for fixed assets SLM method is used taking retrospective effect from 2006. As the management was able to provide data from 2006 (Schedule3).
4. SBI Bank A/c no -36228721268 was treated as bank a/c for the F.Y. 2015-16 but from the Financial Year 2017-18, It is treated under the head loans, Advances & Deposits. The Institute explanation regarding the same is that the bank A/c is treated as advance with the limit of Rs. 10 lakh payment is made through this a/c for any expenditure made and the same A/c is claimed from the main A/c.
5. **Expenditure in Foreign Currency**  
NIL
6. In the opinion of the management, the current assets, loans, Advances and Deposits have a value on realization in the ordinary course, equal at least to the aggregate amount shown in the Balance Sheet.
7. Previous year's Figures have been regrouped /rearranged wherever found necessary.
8. Schedule 1 to 17 are annexed to and bears an integral part of Balance Sheet as at 31<sup>st</sup> March 2019 and Income and Expenditure account for the year ended on that date.

For M/s Kumar Vikash & Company.  
Chartered Accountants

  
CA Vikash Kumar  
(Accounts)  
(Proprietor)

  
Director

  
Asstt. Registrar

Date: 22/06/2019  
Place: Ranchi





**8. Provisions:**

Known liabilities recognized up to the date of finalization of accounts are provided for.

**9. Income Tax:**

The Institute is exempt from Income Tax as per the Provisions of Section 10(23C)(iii)(ab) of the Income Tax Act 1961. Therefore, no provision for Income Tax is made.

**10. Purchase procedure through Institute's Stores & Purchase Unit:**

Payments made/cheques issued for purchase of consumable and non-consumable stocks against the confirmed Purchase Orders released by Institute's Stores and Purchase Unit are treated as final expenditure.

For M/s Kumar Vikash & Company.

Chartered Accountants



CA Vikash Kumar

(Accounts)

(Proprietor)

Date: 22/06/2019

Place: Ranchi

  
Director  
Asstt. Registrar

## **2. Annual Accounts NIFFT 2019-2020**

# NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY

A Centrally Funded Technical Institute under MHRD

(Govt. of India)

HATIA, RANCHI- 834003 (JHARKHAND)



## STATEMENT OF ACCOUNTS FOR THE FINANCIAL YEAR 2019-20

(As per Revised Formats of Financial Statements for Central Higher Educational Institutions)

Audited by:  
M/s Kumar Vikash & Company  
(Chartered Accountants)  
Ranchi

# NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY

## STATEMENT OF ACCOUNTS FOR THE FINANCIAL YEAR 2019-20.

### CONTENTS

Sl.NO	PARTICULAR	Page No.
1	Balance Sheet as on 31.03.2020	1
2	Schedule forming part of Balance Sheet(1 to 5)	2-11
3	Income & Expenditure A/c for the FY 2019-20	12
4	Schedules Forming Part of Income & Expenditure account (6 to 15)	13-20
5	Receipts & Payments Accounts for the FY 2019-20	21-22
6	Schedules Forming Part of Receipts & Payments account (16 to 26)	23-30
7	Bank Reconciliation Statements	31-32
8	General Provident Fund Account for the FY 2019-20	33-37
9	Technical Education Quality Improvement Programme Account for the FY 2019-20	38-42

**NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY**  
**HATIA, RANCHI-834003**

**BALANCE SHEET AS ON 31st March, 2020**

SOURCES OF FUNDS	Schedule	Current Year 2019-20	Previous Year 2018-19
CORPUS/CAPITAL FUND	1	1,10,38,23,585.65	1,21,77,38,608.94
CURRENT LIABILITIES	2	31,43,19,063.70	3,37,68,729.20
HEFA LOAN	2 (A)	2,13,45,881.00	-
<b>TOTAL</b>		<b>1,43,94,88,530.35</b>	<b>1,24,65,07,338.14</b>

APPLICATION OF FUNDS	Schedule	Current Year 2019-20	Previous Year 2018-19
FIXED ASSETS	3		
a) Tangible Assets		14,61,20,395.37	14,01,86,444.28
b) Capital work-in-Progress		78,03,83,547.00	75,66,66,139.00
c) Intangible Assets		95,96,691.00	30,61,397.40
CURRENT ASSETS	4	34,77,54,825.92	27,64,15,632.40
LOANS, ADVANCES & DEPOSITS	5	15,56,31,070.06	7,01,77,185.06
<b>TOTAL</b>		<b>1,43,94,88,530.35</b>	<b>1,24,65,07,338.14</b>

AS INTERNAL AUDITOR

For: M/s Kumar Vash & Co (CHARTERED ACCOUNTANTS)

CA. Vash Kumar (Proprietor)

MEMBERSHIP NO.: 413828



*(Signature)*  
 Deputy Registrar

**का कुलसचिव/Dy. Registrar**  
**निएफ, राँची/NIFT, Ranchi**

*(Signature)*  
 Registrar

**REGISTRAR**  
**NIFT, RANCHI**

*(Signature)*  
 Director

**निदेशक**  
**DIRECTOR**  
**निएफ, राँची-3**  
**NIFT, HATIA, RANCHI-3**



**SCHEDULE - 1 - CORPUS/CAPITAL FUND**

Particulars	Current Year	Previous Year
Balance at the beginning of the year	1,21,27,38,608.94	1,02,18,11,821.67
Add: Contributions towards Corpus/Capital fund	-	-
Add: Grants from UGC, Govt. of India, state Government to the extent utilised for capital expenditure	-	-
Add: Assets Purchased out of Earmarked Funds	-	-
Add: Assets Purchased out of Sponsored Projects, where ownership vests in the institution	-	-
Add: Capital Grants received from Ministry of Human Resource Development (Govt. of India)	12,76,44,000.00	14,00,00,000.00
Add: Assets Donated / Gifts Received	-	-
Add: Others Additions (Building appreciation)	-	-
Less: Others Deduction (Custom Duty paid during the FY 2016-17 for SERB Project new)	-	-
Add: Excess of Income over Expenditure transferred from the Income & Expenditure Account	1,41,19,976.71	5,03,26,787.27
<b>TOTAL</b>	<b>1,35,45,82,585.65</b>	<b>1,21,27,38,608.94</b>
Deduct: Deficit transferred from Income & Expenditure Account	-	-
Deduct: Amount reversed during the year based on CAG observation	25,06,79,000.00	-
<b>Balance at the year end</b>	<b>1,10,38,23,585.65</b>	<b>1,21,27,38,608.94</b>





**SCHEDULE - 2 - CURRENT LIABILITIES**

CURRENT LIABILITIES		Current Year	Previous Years
1	Deposit From Staff	14,45,740.00	13,77,534.00
2	Deposit From Student		
a	Cashier Money	65,65,851.50	67,68,185.50
b	Unclaimed fees	7,38,550.00	5,10,950.00
3	Deposit Others		
a	Cashier Money	9,35,841.00	9,35,841.00
b	Security Deposit	1,74,736.30	1,74,736.30
4	Statutory Liabilities		
a	EIC Premium	6,780.40	6,685.40
b	TDS u/s 192A	5,88,465.00	38,444.00
c	TDS u/s 194C	38,476.00	48,957.00
d	TDS u/s 194I	(9,139.00)	1,049.00
e	GPF Deduction From Salary	31,60,000.00	65,980.00
f	Employees Loan Repayment	13,601.00	13,607.00
g	Professional Tax on Salary	46,821.00	6,887.00
h	New Pension Scheme (Employee Contribution)	17,313.00	33,606.00
i	New Pension Scheme (Employer Contribution)	1,64,580.00	33,606.00
j	CES Premium	4,890.00	-
k	CWF Deduction From Salary	5,61,831.00	-
5	Other Current Liability		
a	Receipt against Sponsored Projects (Schedule 2b)	69,47,825.00	41,14,085.00
b	Receipt against Sponsored Fellowship & Scholarship (Schedule 2c)	32,76,463.00	15,42,533.00
c	Other Liabilities	₹ 2019-20	₹ 2018-19
a	Account Payable/ Receivable	2,29,441.00	2,29,441.00
b	AICTE	1,40,000.00	1,40,000.00
c	Grant From CBSE Board	50,000.00	50,000.00
d	MA's Total Library Solution	92,784.00	92,784.00
e	NIPPT Alumni Association	5,89,650.00	4,78,200.00
f	Provisional Expenses	3,08,89,350.00	1,60,99,305.00
g	Amount Payable to Manoj Kumar	45,000.00	-
h	Runner Aman-Mess Fees	13,500.00	-
i	Amount Received From IFC Project A/c-2750101004765	11,23,815.50	-
j	Honorarium payable to CSAB	63,600.00	-
k	Unutilized Grant refundable to MHRD	34,77,16,982.00	-
l	Interest Earned on Grant refundable to MHRD	86,65,355.00	-
		<b>31,41,19,863.70</b>	<b>3,37,68,719.70</b>



SCHEDULE - 3 (A) NPW LOAN

Particulars		Current Year	Previous Year
1	LOAN FROM NPW (Amount direct paid to DVC during the year)	2,33,45,895.00	-
TOTAL		2,33,45,895.00	-







**SCHEDULE - 2)(H) - SPONSORED PROJECTS**

Sr. No.	Name of the Project	Opening Balance		Receipts	Total	Expenditure	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
1	Direct Admission of Students Abroad(DASA)	1,28,175			1,28,175	-	1,28,175	-
2	Project-Board of Research in Nuclear Science(BRNS)	16,39,363			16,39,363	-	16,39,363	-
3	Project-Science and Engineering Research Board(Old)	1,80,450			1,80,450	-	1,80,450	-
4	Project-Science & Engineering Research Board(New 1)	1,36,524		15,56,988	16,93,512	13,96,663	2,96,849	-
5	Project-Science & Engineering Research Board(New 2)	9,78,525		16,334	9,94,859	9,10,798	84,061	-
6	Technical Education Quality Improvement Programme	18,704		-	18,704	-	18,704	-
7	Buriapur Surgical Cluster, MSME (West Bengal)	9,26,759		6,74,650	16,01,409	4,12,815	11,88,594	-
8	Unnat Bharat Abhiyan	1,10,595		6,497	1,17,092	21,186	95,906	-
9	Science Research Engineering Board (P.S/Mondal)	-		28,46,632	28,46,632	-	28,46,632	-
10	Project Development Institute-Nigeria	-		4,69,095	4,69,095	-	4,69,095	-
	Total	41,19,095	-	55,70,196	96,89,291	27,41,462	69,47,829	-

**SCHEDULE - 2)(d) - SPONSORED FELLOWSHIP AND SCHOLARSHIPS**

Sr. No.	Name of the Project	Opening Balance		Receipts	Total	Expenditure	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
1	Govt. of India SC/ST Scholarship	13,04,160		23,46,400	36,50,560	13,76,360	22,74,200	-
2	S N Sinha Memorial Scholarship	10,000			10,000	5,000	5,000	-
3	State Scholarship for Students	12,28,363		9,63,950	21,92,313	11,95,050	9,97,263	-
	Total	25,42,523	-	33,10,350	58,52,873	25,76,410	32,76,463	-





SCHEDULE - 3 FIXED ASSETS (A-J)

Sl. No.	Assets Heads	Rate of Depreciation (%)	Gross Block			Depreciation for the Year			Net Book	
			Opening Balance 01.04.2019	Additions	Closing Balance	Depreciation Opening Balance	Depreciation for the Year	Total Depreciation	As on 31.03.2020	As on 31.03.2019
1	2	3	4	5	6	7	8	9=A+B	10=A-B	11
1	Land	0%	-	-	-	-	-	-	-	-
2	Site Development	0%	-	-	-	-	-	-	-	-
3	Buildings	2%	18,05,43,001.70	-	18,05,43,001.70	5,85,37,959.11	18,10,000.00	6,13,58,058.25	18,06,74,143.48	12,79,26,003.11
4	Roads & Bridges	2%	-	-	-	-	-	-	-	-
5	Tube wells & Water Supply	2%	-	-	-	-	-	-	-	-
6	Sewage & Drainage	2%	-	-	-	-	-	-	-	-
7	Electrical Installation and Equipment	2%	12,25,28,361.97	-	12,25,28,361.97	11,15,45,516.00	42,18,433.38	11,76,71,659.12	48,34,028.12	1,09,50,441.11
8	Plant & Machinery	2%	-	-	-	-	-	-	-	-
9	Scientific & Laboratory Equipment	2%	-	-	-	-	-	-	-	-
10	Office Equipment	7.5%	15,41,700.36	-	15,41,700.36	15,41,700.36	-	15,41,700.36	-	-
11	Audio Visual Equipment	7.5%	-	-	-	-	-	-	-	-
12	Computers & Peripherals	20%	-	-	-	-	-	-	-	-
13	Furniture, Fixtures & Fittings	7.5%	2,24,07,143.89	-	2,24,07,143.89	2,17,11,534.15	6,88,562.28	2,14,07,096.54	-	6,88,562.28
14	Vehicle	20%	18,35,710.00	-	18,35,710.00	18,35,710.00	-	18,35,710.00	-	-
15	L.B. Books & Scientific Journals	20%	10,05,24,632.56	-	10,05,24,632.56	9,57,02,999.44	-	9,57,02,999.44	-	-
16	Small Value Assets	33.3%	-	-	-	-	-	-	-	-
17	Equipment UNESCO AID	-	24,07,117.00	-	24,07,117.00	24,07,117.00	-	24,07,117.00	-	-
Total (A)			41,79,78,366.53	-	41,79,78,366.53	29,83,74,761.31	1,04,45,405.42	30,88,20,166.75	18,05,08,171.89	11,86,50,807.02
18	Capital work in Progress (B)	-	-	-	-	-	-	-	-	-
19	Intangible Assets	-	-	-	-	-	-	-	-	-
20	Computer Software	40%	-	-	-	-	-	-	-	-
21	E-journals	40%	-	-	-	-	-	-	-	-
22	Patents	5 Years	-	-	-	-	-	-	-	-
Total (C)			-	-	-	-	-	-	-	-
Grand Total (A+B+C)			41,79,78,366.53	-	41,79,78,366.53	29,83,74,761.31	1,04,45,405.42	30,88,20,166.75	18,05,08,171.89	11,86,50,807.02



SCHEDULE - 1A - TANGIBLE ASSETS

Sl. No.	Assets Heads	Rate of Depreciation (%)	Gross Block			Depreciation for the Year			Net Block	
			C.B. As on 31.03.2019	Additions	Closing Balance	Depreciation CB	Depreciation for the Year	Total Depreciation	As on 31.03.2019	As on 31.03.2020
1	2	3	4	5	6=4+5	7	8	9=7+8	10	11
1	Land	0%	-	-	-	-	-	-	-	-
2	Site Development	0%	-	-	-	-	-	-	-	-
3	Buildings	2%	-	-	-	-	-	-	-	-
4	Roads & Bridges	2%	-	-	-	-	-	-	-	-
5	Tube wells & Water Supply	2%	-	-	-	-	-	-	-	-
6	Sewerage & Drainage	2%	-	-	-	-	-	-	-	-
7	Electrical Installation and Equipment	5%	-	-	-	-	-	-	-	-
8	Plant & Machinery	5%	21,39,859.00	11,79,579.00	35,07,236.00	1,85,909.75	1,75,361.80	3,61,271.55	31,46,364.45	33,48,148.25
9	Scientific & Laboratory Equipment	5%	94,56,646.00	21,15,304.00	1,17,71,950.00	8,80,193.44	9,41,755.00	18,21,948.44	99,96,000.56	85,76,452.56
10	Office Equipment	7.5%	4,28,205.00	2,06,500.00	6,34,705.00	38,367.63	47,602.88	1,06,970.51	5,28,734.49	3,69,807.37
11	Audio Visual Equipment	7.5%	5,86,259.00	-	5,86,259.00	51,612.91	43,969.43	1,35,890.36	4,96,366.64	4,94,336.07
12	Computers & Peripherals	10%	36,59,657.00	87,69,367.00	1,08,45,064.00	13,58,413.80	23,68,612.80	37,26,026.80	86,25,098.20	27,88,294.00
13	Furniture, Pictures & Fittings	7.5%	17,65,908.00	6,46,919.00	24,12,827.00	2,10,899.97	1,88,962.85	4,02,862.82	19,86,964.97	15,34,048.02
14	Vehicles	10%	47,18,110.00	-	47,18,110.00	34,89,461.90	4,72,811.80	19,86,172.90	17,61,837.10	12,34,648.10
15	Lib. Books & Scientific Journals	10%	17,99,261.00	80,42,414.00	98,41,717.00	3,25,758.70	9,84,171.70	13,11,930.40	85,21,786.60	14,49,524.30
16	Tube wells & Water Supply	2%	2,10,300.00	2,09,550.00	4,19,850.00	8,412.80	8,405.80	16,818.60	4,03,433.00	2,01,888.00
17	Small Value Assets	100%	-	-	-	-	-	-	-	-
Total (A)			2,41,68,866.00	2,15,78,851.00	4,57,46,136.00	46,18,899.32	52,15,652.68	98,62,951.96	3,16,81,566.08	1,95,28,196.67

18	Capital work In Progress (B)		75,36,64,139.00	2,37,37,488.00	78,05,81,347.00	-	-	-	78,05,81,347.00	75,66,66,139.00
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Sl. No.	Intangible Assets	Rate of Depreciation (%)	Gross Block			Depreciation for the Year			Net Block	
			C.B. 01.04.2019	Additions	Closing Balance	Depreciation CB	Depreciation for the Year	Total Depreciation	As on 01.04.2019	As on 31.03.2020
19	Computer Software	40%	-	-	-	-	-	-	-	-
20	Electronics	40%	2,21,46,843.00	1,43,15,479.00	3,64,62,322.00	1,90,84,905.60	77,79,125.40	2,68,64,031.00	95,88,811.00	30,61,907.40
21	Patents	9 Years	-	-	-	-	-	-	-	-
Total (C)			2,21,46,843.00	1,43,15,479.00	3,64,62,322.00	1,90,84,905.60	77,79,125.40	2,68,64,031.00	95,88,811.00	30,61,907.40
Grand Total (A+B+C)			88,29,81,048.00	3,96,31,339.00	88,15,81,987.00	2,57,23,884.92	1,38,65,378.08	3,67,27,182.98	82,18,65,884.01	77,92,57,249.07



**SCHEDULE - 38 NON PLAN FIXED ASSETS**

S.No	Assets Heads	Rate of Depreciation (%)	Gross Block			Depreciation for the Year			Net Block	
			O.B. 01.04.2019	Additions	Closing Balance	Depreciation O.B.	Depreciation for the Year	Total Depreciation	As on 31.03.2020	As on 31.03.2019
2	2	3	4	5	6=4+5	7	8	9=7+8	10=10-9	11
1	Land	0%	-	-	-	-	-	-	-	-
2	Site Development	0%	-	-	-	-	-	-	-	-
3	Buildings	2%	-	-	-	-	-	-	-	-
4	Roads & Bridges	2%	-	-	-	-	-	-	-	-
5	Tube wells & Water Supply	2%	1,17,495.00	-	1,17,495.00	9,399.60	2,948.90	11,718.30	1,05,776.50	1,08,395.40
6	Sewerage & Drainage	2%	-	-	-	-	-	-	-	-
7	Electrical Installation and Equipment	5%	-	-	-	-	-	-	-	-
8	Plant & Machinery	5%	65,737.00	-	65,737.00	12,119.50	1,186.85	15,626.75	50,117.25	53,617.50
9	Scientific & Laboratory Equipment	8%	-	-	-	-	-	-	-	-
10	Office Equipment	7.5%	1,40,600.00	-	1,40,600.00	29,590.75	10,545.00	40,035.75	1,00,564.25	1,21,090.25
11	Audio Visual Equipment	7.5%	2,58,750.00	-	2,58,750.00	40,817.50	20,158.25	1,00,796.25	1,57,953.75	1,80,151.00
12	Computers & Peripherals	32%	17,15,641.00	5,72,040.00	30,83,881.00	19,01,851.80	6,26,776.30	19,17,807.80	11,66,073.20	14,10,699.40
13	Furniture, Fixtures & Fittings	7.5%	88,171.00	-	88,171.00	23,701.85	6,812.83	30,315.68	57,855.31	64,483.14
14	Vehicles	20%	-	-	-	-	-	-	-	-
15	L.B. Books & Scientific Journals	30%	36,215.00	22,294.00	58,509.00	9,976.35	1,892.40	15,626.10	42,882.90	35,247.00
16	Scientific & Laboratory Equipment	8%	49,560.00	-	49,560.00	7,929.60	1,964.80	11,594.40	37,965.60	41,524.40
17	Small Value Assets	100%	-	-	-	-	-	-	-	-
Total (A)			34,79,229.00	5,94,334.00	38,72,734.00	14,74,549.40	6,69,546.85	11,44,096.25	17,28,637.75	20,61,670.19

18	Capital work in Progress	(B)	-	-	-	-	-	-	-	-
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S.No	Intangible Assets	Rate of Depreciation	Gross Block			Depreciation for the Year			Net Block	
			O.B. 01.04.2019	Additions	Closing Balance	Depreciation O.B.	Depreciation for the Year	Total Depreciation	As on 31.03.2020	As on 31.03.2019
19	Computer Software	40	-	-	-	-	-	-	-	-
20	E-journals	40	-	-	-	-	-	-	-	-
21	Patents	5 Years	-	-	-	-	-	-	-	-
Total (C)			-	-	-	-	-	-	-	-
Grand Total (A+B+C)			34,79,229.00	5,94,334.00	38,72,734.00	14,74,549.40	6,69,546.85	11,44,096.25	17,28,637.75	20,61,670.19



**SCHEDULE - 4 - CURRENT ASSETS**

PARTICULAR		Current Year	Previous Year
<b>1</b>	<b>Sundry Debtors:</b>		
a	Debts outstanding for a period exceeding six months	5,14,152.68	5,14,152.68
<b>2</b>	<b>Cash and Bank Balances</b>		
a	<b>In Saving Accounts</b>		
i	Canara Bank SB A/c No. 2730101006939 (Non-Plan)	3,56,02,216.62	1,60,90,009.52
ii	Canara Bank SB A/c No. 2730101007913 (Plan)	-	2,31,429.60
iii	Canara Bank SB A/c No. 273010109959	1,127.00	1,127.00
iv	SBI Hatia SB A/c (O.B.)	3,344.10	3,344.10
v	Canara Bank SB A/c No. 2730101011451	6,94,28,890.02	48,08,771.00
vi	Canara Bank SB A/c No. 2730101011452	14,52,91,757.50	12,02,17,163.50
vii	Canara Bank SB A/c No. 2730101011453	7,84,32,890.00	4,45,49,635.00
viii	Canara Bank SB A/c. No.2730101012429 (SERB Project II)	28,46,632.00	-
ix	Canara Bank SB A/c.No.273010101011923 (SERB Project I)	1,75,472.00	-
x	Canara Bank Escrow A/c -2730101012032	1,54,09,962.00	-
<b>3</b>	<b>Cash</b>		
a	Cash in hand	48,363.00	-
<b>4</b>	<b>Investment (schedule-4(a))</b>		-
<b>5</b>	<b>Fund in Transit</b>	-	9,00,00,000.00
<b>TOTAL</b>		<b>34,77,54,826.92</b>	<b>27,64,15,632.40</b>





**SCHEDULE - 5 - LOANS, ADVANCES & DEPOSITS**

	Current Year	Previous Years
<b>1 Advances to Employees (Non Interest Bearing)</b>		
a Expenses Advance	10,26,063.00	7,04,699.00
b Festival Advance	900.00	9,000.00
c Leave Travel Concession Advance	65,222.00	2,24,366.00
d Medical Advance	2,69,671.00	2,87,219.00
e Travelling Advance	98,970.00	34,965.00
f Rolling Advance	4,62,092.00	3,88,085.00
g CPDA Advance	2,54,000.00	-
<b>2 Advances to Employees (Interest Bearing)</b>		
a House Building Advances	-	13,000.00
b Computer Advance	2,11,994.00	3,57,594.00
c Car/Motorcycle/Scooter Advance	56,170.00	98,190.00
<b>3 Advances &amp; Other amounts Recoverable</b>		
<b>I Institute Activities</b>		
a MIFT-Golden Jubilee Celebration	20,18,399.33	20,10,199.33
b Contribution to Annual Feast-JIWS	24,89,000.00	16,00,000.00
c Advance SBI online A/c -3622872268	13,18,662.20	10,62,063.20
d Advance to MIFT Student's Gymkhana	60,000.00	60,000.00
e All India Workshop on Excellence in Manufacturing	-	4,00,000.00
f SBI online A/c -38979487865 (Advance)	2,42,423.00	-
<b>II Advance to Suppliers</b>		
a M/s Ed.O.I. (India) Ltd. (for Campus Wide Networking)	13,53,195.00	13,53,195.00
b M/s National Informatic Centre	3,29,07,670.00	3,29,07,670.00
c M/s Patents Info	15,000.00	15,000.00
d M/s Sreeleathers	3,235.00	3,235.00
e Central Public Works Department (CPWD)	10,32,62,323.00	1,71,12,134.00
f Hotel Peepal Tree	-	9,070.00
<b>4 Prepaid Expense</b>		
a Pre Paid Internet Expenses	11,89,000.00	11,80,000.00



Contd.,

	Current Year	Previous Years
5 Deposit with suppliers		
I Telephone		
a Security Deposit With P&T Department	29,550.00	29,550.00
II Electricity		
a Security Deposit With Jharkhand Electricity Board	12,15,000.00	12,15,000.00
III Medical		
a M/s. Mezon Ltd.	5,00,000.00	5,00,000.00
IV Academic		
a AICTE	1,88,047.00	1,88,047.00
b Security Deposit With Ranchi University	2,50,000.00	2,50,000.00
V Others		
a CBI Attachment	5,54,613.00	5,54,613.00
b Security Deposit & Earnest Money (D.B.)	2,16,707.00	2,16,707.00
c SII (FDR) Scholar Fund	23,378.00	23,378.00
d Security Deposit With Jyanti Gas Co.	32,501.00	32,501.00
e Student Welfare Fund	21,563.00	21,563.00
f Deposits Against Foreign Letter of Credit with Canara Bank	65,21,899.53	65,21,899.53
6 Income Accrued:		
a On Advance to Employees	14,143.00	14,143.00
7 Claims Receivable		
a Amount Receivable from M. lab	1,80,000.00	1,80,000.00
b Amount Receivable from Pensioners	56,450.00	56,450.00
c Income Tax (TDS) Refundable-Unrealized	4,96,476.00	4,96,476.00
d Rent Receivable from BSNL	21,000.00	21,000.00
e TDS - Unrealized	1,153.00	1,153.00
f MCS Chair Professor Receivable	-	25,000.00
	15,56,31,070.06	7,01,77,185.06



# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCHI-834003

## INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31ST MARCH, 2020

INCOME	Schedule	Current Year	Previous Year
ACADEMIC RECEIPTS	6	3,36,90,522.00	3,66,46,162.00
GRANTS	7	32,48,58,018.00	31,75,95,000.00
INCOME FROM INVESTMENT	8	-	7,00,975.50
INTEREST EARNED	9	11,06,160.00	25,57,387.00
OTHER INCOME	10	31,41,655.02	19,17,067.00
<b>TOTAL(A)</b>		<b>36,27,96,355.02</b>	<b>35,94,16,591.50</b>
EXPENDITURE	Schedule	Current Year	Previous Year
STAFF PAYMENT & BENEFITS (Establishment Expenses)	11	24,71,28,164.00	19,71,75,111.00
ACADEMIC EXPENSES	12	3,56,15,739.00	4,56,05,315.00
ADMINISTRATIVE AND GENERAL EXPENSES	13	3,11,11,172.00	3,05,08,464.00
TRANSPORTATION EXPENSES	14	9,50,756.00	9,13,312.00
REPAIR & MAINTENANCE EXPENSES	15	1,00,52,187.00	65,03,567.00
DEPRECIATION	3	2,38,18,360.31	2,77,84,035.23
<b>TOTAL(B)</b>		<b>34,86,76,378.31</b>	<b>30,84,89,804.23</b>
<b>Balance Being Surplus/(Deficit) Carried to Capital Fund (A-B)</b>		<b>1,41,19,976.71</b>	<b>5,09,26,787.27</b>

AS INTERNAL AUDITOR

For: M/s Kumar Vikash & CO (CHARTERED ACCOUNTANTS)

CA. Vikash Kumar (Proprietor)

MEMBERSHIP NO.: 423928



*[Signature]*  
Deputy Registrar

का कुलसचिव/Dy. Registrar  
निय. संघ/NIFFT, Ranchi

*[Signature]*  
Registrar  
REGISTRAR  
NIFFT, RANCHI

12

*[Signature]*  
Director  
निदेशक  
DIRECTOR  
निय. संघ, राँची-3  
NIFFT, HATIA, RANCHI-3

**SCHEDULE - 6 - ACADEMIC RECEIPTS**

PARTICULAR	Current Year	Previous year
<b>FEES FROM STUDENTS</b>		
<b>1 Academic</b>		
a Admission Fee	55,400.00	66,100.00
b Application Fee	1,58,950.00	2,49,525.00
c Computer Fee	11,13,500.00	12,65,500.00
d Grade Card Fee	44,250.00	48,750.00
e Library Access Fee	11,84,500.00	12,23,500.00
f Registration/Enrolment Fee	2,56,400.00	2,89,800.00
g Seat Rent	22,44,600.00	25,07,400.00
h Tuition Fees	2,11,95,800.00	2,25,30,050.00
<b>Total (A)</b>	<b>2,62,53,400.00</b>	<b>2,81,60,625.00</b>
<b>2 Examinations</b>		
a Examination Fee-Institute	5,79,450.00	6,34,500.00
b Examination Fee-Ranchi University	4,18,900.00	22,16,100.00
c Examination Fees-Jharkhand Technical University	12,64,450.00	-
<b>Total (B)</b>	<b>22,62,800.00</b>	<b>28,50,600.00</b>
<b>3 Other Fees</b>		
a Fines & Penalties	73,672.00	1,06,687.00
b Gymkhana Fee	3,34,950.00	3,70,350.00
c Hostel Fee	54,800.00	61,400.00
d Hostel Maintenance Fee (Establishment Charges)	37,44,000.00	40,08,000.00
e Identity Card Fee (Re-issued)	50.00	350.00
f Internet Access Fee	3,44,850.00	3,84,150.00
g Medical Fee	6,22,000.00	6,94,500.00
h Seminar/Thesis Fees	-	9,500.00
<b>Total (C)</b>	<b>51,74,322.00</b>	<b>56,34,937.00</b>
<b>GRAND TOTAL (A+B+C)</b>	<b>3,36,90,522.00</b>	<b>3,66,46,162.00</b>



#### SCHEDULE - 7 GRANTS

PARTICULAR	Govt. of India(MHRD)		Current Year Total	Previous Year Total
	Plan*	Non Plan		
Grant Refundable to MHRD for 2018-19 reversed	9,46,50,000.00	15,60,29,000.00	15,60,29,000.00	-
Add: Receipts during the Year	10,00,00,000.00	34,96,00,000.00	34,96,00,000.00	31,75,95,000.00
Less: Amount Refundable to MHRD	6,70,06,000.00	18,07,70,982.00	18,07,70,982.00	-
			32,48,58,018.00	31,75,95,000.00

\*For information purpose only no part of Income & Expenditure

#### SCHEDULE - 8 - INCOME FROM INVESTMENTS

PARTICULAR	Current Year	Previous Year
1. Interest on Term Deposit with Nationalized Bank	-	7,00,975.50
2. Interest accrued on Term Deposit but not received	-	-
Note-10	-	7,00,975.50

#### SCHEDULE - 9 - INTEREST EARNED

PARTICULAR	Plan	Non Plan	Current Year Total	Previous Year Total
1. Interest on Saving Account with scheduled banks	30,87,996.00	66,26,934.00	97,14,930.00	24,71,593.00
Less: Interest earned on Govt.fund transferable to MHRD	30,80,365.00	55,86,000.00	86,66,365.00	-
2. Interest Earned as Income	7,631.00	10,40,934.00	10,48,565.00	24,71,593.00
3. Interest on Loans of Employees			57,586.00	85,794.00
Total (2+3)			11,06,160.00	25,57,387.00





**SCHEDULE -10- OTHER INCOME**

PARTICULAR	Current Year	Previous Year
<b>A. Income from Land &amp; Buildings</b>		
1. Electricity Charges Recovered	2,79,122.00	2,47,177.00
2. Rent Recovered	2,10,500.00	2,34,675.00
3. License Fee Recovered	4,19,555.00	3,33,770.00
4. Water Charges Recovered	1,301.00	924.00
<b>Total (A)</b>	<b>9,10,478.00</b>	<b>8,16,546.00</b>
<b>B. Others</b>		
1. Others Incomes		
a) Bus Charges Recovery	83,350.00	69,550.00
b) Certificate Verification & Transcript Fee	37,400.00	49,000.00
c) Photocopy Charges	180.00	276.00
2. Income From Consultancy	3,469.00	44,432.00
3. Misc. Receipts	1,838.02	41,904.00
4. Recruitment Fees	3,34,500.00	6,19,275.00
5. RTI Fees	404.00	665.00
6. Rechecking Charges	-	3,200.00
7. Income From Scrape Sale	-	2,72,219.00
8. Triable Area Allowance Recovery	17,17,711.00	-
9. Overhead from Project	52,325.00	-
<b>Total (B)</b>	<b>22,31,177.02</b>	<b>11,00,521.00</b>
<b>Grand Total (A+B)</b>	<b>31,41,655.02</b>	<b>19,17,067.00</b>





**SCHEDULE - 11 - STAFF PAYMENTS & BENEFITS (ESTABLISHMENT EXPENSES)**

PARTICULAR	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
<b>1. Salaries and Wages</b>						
a) Salaries and Wages (Teaching & Non Teaching)	-	12,36,87,258.00	12,36,87,258.00	-	9,67,31,406.00	9,67,31,406.00
b) Salary Arrear	-	1,17,38,402.00	1,17,38,402.00	-	48,95,177.00	48,95,177.00
<b>2. Allowance and Bonus</b>	-	1,93,424.00	1,93,424.00	-	5,27,016.00	5,27,016.00
<b>3. Retirement and Terminal Benefits</b>						
a) Composite Transfer/TA Grant	-	2,46,597.00	2,46,597.00	-	2,84,536.00	2,84,536.00
b) Encashment of Leave	-	12,57,132.00	12,57,132.00	-	50,51,702.00	50,51,702.00
c) Leave Salary & Pension Contribution	-	11,81,077.00	11,81,077.00	-	1,15,415.00	1,15,415.00
d) Other Retirement Benefit	-	1,74,000.00	1,74,000.00	-	-	-
e) Payment of Gratuity	-	5,15,532.00	5,15,532.00	-	25,72,468.00	25,72,468.00
f) Pension	-	4,98,57,743.00	4,98,57,743.00	-	4,26,09,896.00	4,26,09,896.00
g) Commutation	-	7,37,460.00	7,37,460.00	-	44,30,884.00	44,30,884.00
h) Arrear to Pensioner	-	1,89,09,483.00	1,89,09,483.00	-	71,33,566.00	71,33,566.00
<b>4. Leave Travel Concession facilities</b>	-	15,84,347.00	15,84,347.00	-	18,11,216.00	18,11,216.00
<b>5. Medical Facility</b>	-	23,94,626.00	23,94,626.00	-	12,69,896.00	12,69,896.00
<b>6. Children Education Allowance</b>	-	29,82,881.00	29,82,881.00	-	8,31,912.00	8,31,912.00
<b>7. Honorarium</b>	-	1,24,165.00	1,24,165.00	-	1,53,921.00	1,53,921.00
<b>8. Payment to Adhoc Staff</b>						
a) Consultants & Contractual Staff	-	8,96,395.00	8,96,395.00	-	13,65,879.00	13,65,879.00
b) Salary-System Administrator	-	5,63,036.00	5,63,036.00	-	3,29,491.00	3,29,491.00
c) Salary-Lab Staffs	-	6,67,104.00	6,67,104.00	-	4,32,822.00	4,32,822.00
d) Indian Allied Security-Manpower Supply	-	1,89,85,646.00	1,89,85,646.00	-	1,72,09,794.00	1,72,09,794.00
e) Bombay Intelligence Security-Sweeping & Cleaning	-	98,35,769.00	98,35,769.00	-	91,29,947.00	91,29,947.00
f) Salary-Physical Trainer	-	15,660.00	15,660.00	-	70,000.00	70,000.00
g) Accountant	-	4,24,483.00	4,24,483.00	-	2,18,167.00	2,18,167.00
h) Salary-cultural and health activity instructor's	-	50,944.00	50,944.00	-	-	-
i) Salary-Security Supervisor	-	1,05,000.00	1,05,000.00	-	-	-
<b>TOTAL</b>	-	<b>24,71,28,164.00</b>	<b>24,71,28,164.00</b>	-	<b>19,71,75,111.00</b>	<b>19,71,75,111.00</b>



**SCHEDULE - 12 - ACADEMIC EXPENSES**

PARTICULAR	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
1. Examination Expenses	-	21,07,200.00	21,07,200.00	-	18,84,000.00	18,84,000.00
2. Payment to Visiting Faculty	-	12,18,291.00	12,18,291.00	-	20,35,263.00	20,35,263.00
3. Stipend / Merit Cum Means Scholarship	-					
a) Merit-Cum-Means Scholarship	-	13,26,000.00	13,26,000.00	-	13,60,000.00	13,60,000.00
b) Scholarship to M.Tech Students	-	1,98,43,578.00	1,98,43,578.00	-	2,96,60,521.00	2,96,60,521.00
c) Stipend to Advanced Diploma Course Students	-	39,66,750.00	39,66,750.00	-	39,02,404.00	39,02,404.00
d) Stipend to PhD Scholars	-	33,47,250.00	33,47,250.00	-	42,21,838.00	42,21,838.00
4. Student Welfare Expenses	-					-
a) NIFTT Clinic Expenses	-	77,637.00	77,637.00	-	1,44,376.00	1,44,376.00
b) Student Medical Reimbursement	-	1,33,252.00	1,33,252.00	-	-	-
c) Students Recreation Activities	-	2,73,077.00	2,73,077.00	-	4,24,832.00	4,24,832.00
d) Medical Insurance of Students	-	4,13,000.00	4,13,000.00	-	5,12,217.00	5,12,217.00
5. Laboratory & Workshop Expenses	-	21,63,063.00	21,63,063.00	-	10,85,590.00	10,85,590.00
6. Participation in Seminar & Conferences	-	5,86,889.00	5,86,889.00	-	2,22,948.00	2,22,948.00
7. Seminar/Workshop/Conference Expenses	-	79,397.00	79,397.00	-	1,32,326.00	1,32,326.00
8. Other Academic Expenses	-	80,355.00	80,355.00	-	29,000.00	29,000.00
<b>TOTAL</b>	-	<b>3,56,15,739.00</b>	<b>3,56,15,739.00</b>	-	<b>4,56,05,315.00</b>	<b>4,56,05,315.00</b>



SCHEDULE - 13 - ADMINISTRATIVE AND GENERAL EXPENSES

PARTICULAR	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
A) Infrastructure						
a) Electricity & Power						
a) D.G. Set Fuel Expenses	-	7,40,430.00	7,40,430.00	-	10,36,811.00	10,36,811.00
b) Jharkhand Biji Vikas Nigam Ltd.	-	87,89,879.00	87,89,879.00	-	84,80,871.00	84,80,871.00
b) Rent, Rates and Taxes			-			-
a) Lease Rent to M/s HEC Ltd.	-	51,804.00	51,804.00	-	51,804.00	51,804.00
b) Municipal Tax	-	28,12,627.00	28,12,627.00	-	38,17,277.00	38,17,277.00
B) Communication						
a) Telephone, Fax and Internet Charges						
a) M/s BSNL	-	3,67,843.00	3,67,843.00	-	3,61,941.00	3,61,941.00
b) Other Mobile & Landline	-	1,734.00	1,734.00	-	5,418.00	5,418.00
c) BSNL Internet Leased line	-	11,80,000.00	11,80,000.00	-	11,80,000.00	11,80,000.00
d) Internet Charges-NICSI/Emet	-	3,66,294.00	3,66,294.00	-	1,57,825.00	1,57,825.00
b) Postage & Stationery Expenses	-	64,783.00	64,783.00	-	34,344.00	34,344.00
C) Others Expenditure						
a) Advertisement & Publicity						
a) M/s Jagran Prakashan Ltd.	-	60,743.00	60,743.00	-	76,972.00	76,972.00
b) M/s THG Publishing Pvt Ltd.	-	-	-	-	2,92,868.00	2,92,868.00
c) M/s Employment News	-	1,57,398.00	1,57,398.00	-	94,466.00	94,466.00
d) M/s Hindustan Media Ventures Ltd.	-	63,504.00	63,504.00	-	35,206.00	35,206.00
e) M/s HT Media Ltd.	-	-	-	-	25,704.00	25,704.00
f) M/s Neutral Publishing House Ltd.	-	-	-	-	1,59,036.00	1,59,036.00
g) M/s Sandeep Consultant	-	-	-	-	1,638.00	1,638.00
h) The Samagra Jagran Prakashan Ltd.	-	-	-	-	1,000.00	1,000.00
i) M/s. ABP Pvt. Ltd.	-	96,825.00	96,825.00	-	-	-
h) Ridge Advertisement Marketing Consultant	-	8,91,136.00	8,91,136.00	-	-	-

Contd..



PARTICULAR	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
b) Hospitality Expenses	-	26,26,873.00	26,26,873.00	-	16,89,414.00	16,89,414.00
c) Internal & CAG Auditor Remuneration	-	3,02,000.00	3,02,000.00	-	4,37,371.00	4,37,371.00
d) Magazine/Journal/News Paper/Subscriptions	-	32,970.00	32,970.00	-	10,698.00	10,698.00
e) Printing & Stationary (Consumption)	-	7,36,976.00	7,36,976.00	-	9,31,052.00	9,31,052.00
f) Rephector Activities Expenses	-	45,110.00	45,110.00	-	42,319.00	42,319.00
g) Security Expenses						
Sherkard Home Guards		65,84,180.00	65,84,180.00		59,23,125.00	59,23,125.00
h) Sring Charges for Meetings	-	3,68,940.00	3,68,940.00	-	6,95,505.00	6,95,505.00
i) Travelling & Conveyance	-	33,71,264.00	33,71,264.00	-	27,14,717.00	27,14,717.00
j) Legal Expenses	-	1,37,500.00	1,37,500.00	-	1,54,858.00	1,54,858.00
k) Bank Charges	-	9,219.00	9,219.00	-	21,441.00	21,441.00
l) Celebration & other Activities Expenses		5,48,108.00	5,48,108.00		20,09,514.00	20,09,514.00
m) Miscellaneous Expenditure	-	7,22,649.00	7,22,649.00	-	65,847.00	65,847.00
n) SRC MACRY Expenses	-	30,328.00	30,328.00	-	-	-
<b>TOTAL</b>	-	<b>1,11,11,171.00</b>	<b>1,11,11,171.00</b>	-	<b>1,05,08,464.00</b>	<b>1,05,08,464.00</b>



**SCHEDULE- 14- TRANSPORTATION EXPENSES**

PARTICULAR	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
1. Vehicles (Owned by Institutions)						
A) Insurance Expenses	-	1,70,249.00	1,70,249.00	-	1,79,774.00	1,79,774.00
B) Running Expenses (Fuel)	-	4,26,659.00	4,26,659.00	-	5,51,203.00	5,51,203.00
C) Vehicles Repairs & Maintenance	-	3,19,644.00	3,19,644.00	-	1,38,043.00	1,38,043.00
2. Vehicles Hiring Expenses	-	34,204.00	34,204.00	-	44,292.00	44,292.00
<b>Total</b>	-	<b>9,50,756.00</b>	<b>9,50,756.00</b>	-	<b>9,13,312.00</b>	<b>9,13,312.00</b>

**SCHEDULE- 15 - REPAIRS & MAINTENANCE**

PARTICULAR	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
1. Annual Maintenance Cost						
a) AMC of DG Set	-	80,040.00	80,040.00	-	47,200.00	47,200.00
b) AMC of Photocopier	-	78,470.00	78,470.00	-	86,090.00	86,090.00
c) AMC of Water Purifiers	-	26,850.00	26,850.00	-	33,285.00	33,285.00
2. Building Maintenance	-	46,44,662.00	46,44,662.00	-	23,88,145.00	23,88,145.00
3. Cleaning Material & Services	-	4,21,041.00	4,21,041.00	-	4,34,296.00	4,34,296.00
4. Computer Maintenance	-	3,19,189.00	3,19,189.00	-	1,83,859.00	1,83,859.00
5. Electrical Maintenance	-	21,40,777.00	21,40,777.00	-	16,44,235.00	16,44,235.00
6. Furniture & Fixtures Maintenance	-	51,661.00	51,661.00	-	47,729.00	47,729.00
7. Gardening	-	97,504.00	97,504.00	-	1,22,775.00	1,22,775.00
8. Office Equipments Maintenance	-	1,89,930.00	1,89,930.00	-	1,07,407.00	1,07,407.00
9. Repair & Maintenance Others	-	20,02,063.00	20,02,063.00	-	14,08,546.00	14,08,546.00
<b>Total</b>	-	<b>1,00,52,187.00</b>	<b>1,00,52,187.00</b>	-	<b>65,03,567.00</b>	<b>65,03,567.00</b>





# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

RATA, RANCHI-834003

RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31.03.2020

RECEIPTS	Sch. No.	Current Year 2019-20	Previous Year 2018-19	PAYMENTS	Sch. No.	Current Year 2019-20	Previous Year 2018-19
I. Opening Balance				I. Deposits			
A) Cash Balance				1. New Plan Deposits	25		
B) Bank Balance				1. Staff Payments & Benefits (Gr. Expenses)		11,12,30,000.00	15,71,50,000.00
II. Savings Accounts				2. Academic Expenses		1,78,12,500.00	1,29,82,470.00
SB Ac: No. 170000000000 (New Plan)		1,60,00,000.00	1,10,00,000.00	3. Administrative and General Expenses		1,10,00,000.00	1,10,00,000.00
SB Ac: No. 170000000000 (Plan)		2,11,00,000.00	4,75,00,000.00	4. Transportation Expenses		1,00,000.00	2,48,000.00
SB Ac: No. 170000000000 (OP)		1,17,000.00	1,000.00	5. Repair & Maintenance		2,41,000.00	1,11,000.00
SB Ac: (O/S)		1,34,000.00	1,34,000.00				
Current Bank SB Ac: No. 170000000000 (SB)		48,00,711.00	1,000.00	II. Payments Against Sponsored Projects	26	12,00,000.00	12,00,000.00
Current Bank SB Ac: No. 170000000000 (SB)		12,00,000.00	1,000.00				
Current Bank SB Ac: No. 170000000000 (SB)		4,40,000.00	1,000.00	III. Payments Against Sponsored Fellowship/Scholarship	27	18,11,000.00	18,71,000.00
				IV. Expenditure on Fixed Assets			
				1. New Fixed Assets	28	1,18,00,000.00	1,20,11,400.00
				2. New Plan Fixed Assets	29	-	11,000.00
III. Grants Received							
From Government of India (MHRD)				V. Interest on Loan of Employees/Staff	30	77,000.00	-
1. Plan Grant		10,00,000.00	9,00,000.00				
2. New Plan Grant		10,00,000.00	27,71,000.00	VI. Loans, Advances and Deposits	31	10,00,000.00	7,71,000.00
III. Academic Receipts	32			32. Other Payments	32	4,00,000.00	6,11,11,000.00
1. Academic		2,00,000.00	2,11,000.00				
2. Examination		1,10,000.00	10,00,000.00	33. Closing Balance			
3. Other Fees		1,10,000.00	1,10,000.00	A) Cash Balance		48,000.00	-
				B) Bank Balance			
IV. Receipts Against Sponsored Projects	33	10,00,000.00	11,00,000.00	34. Savings Accounts			
				SB Ac: No. 170000000000 (New Plan)		1,10,00,000.00	1,10,00,000.00
V. Receipt Against Sponsored Fellowship	34	10,00,000.00	11,00,000.00	SB Ac: No. 170000000000 (Plan)		-	2,11,420.00
				SB Ac: No. 170000000000 (OP)		1,10,000.00	1,10,000.00
VI. Interest Received on				SB Ac: (O/S)		1,10,000.00	1,10,000.00
1. On SB Account (New Plan)		1,10,000.00	1,10,000.00	SB Ac: No. 170000000000 (SB)		1,10,000.00	1,10,000.00
2. On Loans & Advances		1,10,000.00	1,10,000.00	SB Ac: No. 170000000000 (SB)		1,10,000.00	1,10,000.00
3. On Term Deposits		-	1,10,000.00	SB Ac: No. 170000000000 (SB)		1,10,000.00	1,10,000.00
4. On SB Account (Plan)		1,10,000.00	1,10,000.00	SB Ac: No. 170000000000 (SB)		1,10,000.00	1,10,000.00
VII. Term Deposits Received				SB Ac: No. 170000000000 (SB)		1,10,000.00	1,10,000.00
1. On SB Account		-	1,10,000.00	SB Ac: No. 170000000000 (SB)		1,10,000.00	1,10,000.00
				SB Ac: No. 170000000000 (SB)		1,10,000.00	1,10,000.00





VII. Other Income						
1. Other Income	11	30,95,868.08	38,71,208.08			
X. Miscellaneous Receipts including Capital Receipts	12	5,14,17,033.50	5,69,46,363.08			
XI. Deposits & Advances	13	33,88,751.00	40,35,479.08			
Grand Total of FY 2020-21		9,00,00,000.00				
		88,79,82,156.34	87,99,83,103.72		88,79,82,156.34	87,99,83,103.72

AC RETURN ACTION  
For: NIFT Ranchi/Hatia & CE (NIFT/HATIA/AC/2020/1467)

  
Dy. Registrar  
NIFT, Ranchi

  
Dy. Registrar  
NIFT, Ranchi

  
REGISTRAR  
NIFT, RANCHI

  
DIRECTOR  
NIFT, HATIA, RANCHI-3



कुलपति/Dy. Registrar  
NIFT, Ranchi

REGISTRAR  
NIFT, RANCHI

DIRECTOR  
NIFT, HATIA, RANCHI-3

**SCHEDULE- 16 - ACADEMIC RECEIPTS**

PARTICULARS	AMOUNT
<b>1.Academic</b>	
a. Admission Fee	22,800.00
b. Application Fee	1,58,950.00
c. Computer Fee	8,89,500.00
d. Grade Card Fee	32,850.00
e. Library Access Fee	10,03,500.00
f. Registration/Enrolment Fee	2,11,600.00
g. Seat Rent	18,16,200.00
h. Tuition Fees	1,60,37,850.00
<b>(1) Sub Total</b>	<b>2,01,73,250.00</b>
<b>2.Examination Fees</b>	
a. Examination Fees-Institute	4,67,450.00
b.Examination Fees-Ranchi University	4,18,900.00
c.Examination Fees(Jharkhand Technical University)	12,64,450.00
<b>(2) Sub Total</b>	<b>21,50,800.00</b>
<b>3.Other Fees</b>	
a.Fine & Penalties	73,672.00
b.Gymkhana Fee	2,63,550.00
c.Hostel Fees	22,200.00
d.Hostel Maintenance Fee	31,59,000.00
e.Identity card Fee	50.00
f.Internet Access Fee	2,77,650.00
g.Medical Fee	5,10,000.00
<b>4.Admission Fees from CSAB 2019</b>	<b>67,61,000.00</b>
<b>5.CCMT 2019</b>	<b>16,06,750.00</b>
<b>(3) Sub Total</b>	<b>1,26,73,872.00</b>



**SCHEDULE- 17 - OTHER INCOME**

PARTICULARS	AMOUNT
<b>1.Other</b>	
a.Bus Charges Recovery	83,350.00
b.Certificate/Transcript verification fees	37,400.00
c. Misc. Receipts (sale of Tender Form etc.)	1,838.02
d.RTI Fees	404.00
e Photocopy Charges	180.00
f.Recruitment Fees	3,34,500.00
g. Triable Area Allowance Recovery	17,17,711.00
<b>2.Income from Land &amp; Building</b>	
a.Electricity charges Recovered	2,79,122.00
b.Rent Recovered	2,10,500.00
c. Licence Fees	4,19,555.00
d.Water Charges Recovery	1,301.00
<b>TOTAL</b>	<b>30,85,861.02</b>



18. MISCELLANEOUS RECEIPT INCLUDING LIABILITIES	
PARTICULARS	AMOUNT
1. Deposit From Staff	
Salary held of Ponappa K	69,219.00
2. Deposit From Student	
Cauion Money	5,49,500.00
3. Statutory Liabilities	
a. GPF Deduction from Salary	1,84,87,669.00
b. GIS Premium	28,600.00
c. LIC Premium	11,16,777.00
d. New Pension Scheme (Employees Contribution)	36,28,578.00
e. New Pension Scheme (Employers Contribution)	50,03,931.00
f. Professional Tax on Salary	1,60,801.00
g. TDS Payable U/sec. 192A	2,06,20,817.00
h. TDS Payable U/sec. 194C	74,568.00
i. TDS Payable U/sec. 194J	55,765.00
j. CPF Deduction from Salary	2,67,103.00
4. Other Current Liability	
a. Expense Payable	5,10,018.00
b. Amount Payable to Manoj Kumar	45,000.00
c. Amount Payable to P. Talukdar	2,600.00
d. Amount transfer from IPC Account-273010004765	11,23,915.50
e. Honorarium payable for CSAB	31,200.00
f. Indian Statistical Institute (Examination 2019)	33,099.00
g. Kumar Aman-Mess Fees	27,000.00
h. NIFFT Alumni Association	51,650.00
i. Vishal Yadav-Mess Fees	30,000.00
<b>TOTAL</b>	<b>5,19,17,810.50</b>



**SCHEDULE- 19 - DEPOSIT & ADVANCES**

PARTICULARS	AMOUNT
<b>1. Advance to Employees (Interest Bearing)</b>	
a. Car/Motorcycle/Scooter Advance	45,020.00
b. Computer Advance	1,47,600.00
c. House Building Advance	14,000.00
<b>2. Advance to Employees (Non Interest Bearing)</b>	
a. Expenses Advance	20,01,949.00
b. Festival Advance	8,100.00
c. Leave Travel Concession Advance	13,56,023.00
d. Medical Advance	1,62,816.00
e. Rolling Advance	33,734.00
f. Travelling Advance	94,489.00
<b>3. Claim Receivable</b>	
a. MCS Chair Professor Receivable	25,000.00
<b>TOTAL</b>	<b>38,88,731.00</b>



**SCHEDULE 20 - NON-PLAN EXPENSES**

PARTICULARS	AMOUNT
<b>1. Academic Expenses</b>	
a. Examination Expenses	21,47,200.00
b. Payment to Visiting Faculty	2,06,678.00
c. Stipend/Merit cum means Scholarship	2,33,35,378.00
d. Student Welfare Expenses	6,04,887.00
e. Laboratory & workshop Expenses	3,71,880.00
f. Participation in Seminar & Conferences Expenses	4,500.00
g. Seminar/Workshop/Conference Expenses	48,613.00
(1) Sub Total	2,72,81,856.00
<b>2. Administrative General Expenses</b>	
a. Communication	6,98,788.00
b. Infrastructure	95,68,823.00
c. Others Expenditure	1,11,35,851.00
	2,13,93,462.00
<b>3. Repair &amp; Maintenance</b>	
a. Annual Maintenance Cost	80,840.00
b. Building Maintenance	3,93,563.00
c. Computer Maintenance	75,817.00
d. Cleaning Material & Services	34,880.00
e. Electrical Maintenance	7,15,719.00
f. Furniture & Fixture Maintenance	4,890.00
g. Gardening	24,910.00
h. Repair & Maintenance-Printer	99,248.00
i. Repair & Maintenance-others	2,65,471.00
(3) Sub Total	22,41,638.00
<b>4. Staff Payments &amp; Benefits (Est. Expenses)</b>	
a. Allowances & Bonus	1,95,424.00
b. Children Education Allowance	13,61,881.00
c. Honorarium	1,24,563.00
d. Leave Travel Concession Facilities	3,71,590.00
e. Medical Facility	12,33,317.00
f. Payment to Adhoc Staff	16,38,419.00
g. Retirement & Terminal Benefits	7,28,79,834.00
h. Salaries & Wages	13,53,57,848.00
(4) Sub Total	21,91,30,868.00
<b>5. Transportation Expenses</b>	
a. Vehicle Hiring Expenses	9,249.00
b. Vehicles Owned by Institution	1,70,249.00
c. Vehicles Repair & Maintenance	1,21,481.00
(5) Sub Total	3,80,989.00
<b>TOTAL</b>	<b>26,48,37,984.00</b>





**SCHEDULE- 21 - PAYMENT AGAINST SPONSORED PROJECT AND FELLOWSHIP/SCHOLARSHIP**

PARTICULARS	AMOUNT
<b>A.RECEIPT AGAINST SPONSORED FELLOWSHIP/SCHOLARSHIP</b>	
i) Govt. of India SC/ST Scholarship	13,76,360.00
ii) S N Sinha Memorial Scholarship	5,000.00
iii) State Scholarship for Students	10,41,450.00
<b>21 (A) TOTAL</b>	<b>24,22,810.00</b>
<b>B.RECEIPT AGAINST SPONSORED PROJECT</b>	
i) Burdipur Surgical Cluster, IMSME (West Bengal)	4,12,815.00
ii) Project-Science & Engineering Research Board(New 1)	76,663.00
iii) Project-Science & Engineering Research Board(New 2)	7,69,387.00
iv) Uthrat Bharat Abhiyan	21,186.00
<b>21 (B) TOTAL</b>	<b>12,80,051.00</b>

**SCHEDULE- 22 - PLAN FIXED ASSETS**

PARTICULARS	AMOUNT
Capital Work in Progress	1,07,00,000.00
Computer & Peripherals	86,80,368.00
Furniture, Fixture & Fittings	3,02,760.00
Library Books & Scientific Journals	82,281.00
Office Equipment	2,06,500.00
Plant & Machinery	15,83,528.00
Scientific Laboratory Equipment	23,15,304.00
<b>TOTAL</b>	<b>2,38,70,741.00</b>



SCHEDULE- 23 - NON PLAN FIXED ASSETS

PARTICULARS	AMOUNT
	-
TOTAL	-

SCHEDULE- 24 - Interest on Loan of Employees

PARTICULARS	AMOUNT
Interest on Loans of Employees/staff (Extra Deduct from Salary)	17,730.00
TOTAL	17,730.00



**SCHEDULE- 25 - LOAN ADVANCES & DEPOSITS**

PARTICULARS	AMOUNT
<b>1.Advance &amp; Other Amount Receivable in cash/Kind</b>	
a. Advance to Suppliers	7,96,05,516.00
b. On Capital Account	2,39,40,968.00
<b>2.Advance to Employees ( Non Interest Bearing)</b>	
a. Expenses Advance	42,95,254.00
b. Leave Travel Concession Advance	24,08,616.00
c. Medical Advance	1,85,000.00
d. Rolling Advance	7,55,123.00
e. Travelling Advance	2,89,000.00
f.CPA Advance	3,09,000.00
<b>3.Prepaid Expense</b>	
a. Prepaid Internet Expenses	11,80,000.00
<b>TOTAL</b>	<b>10,89,68,477.00</b>

**SCHEDULE- 26 - OTHER PAYMENT**

PARTICULARS	AMOUNT
<b>1.Deposit From Students</b>	
a. Caution Money	18,93,750.00
<b>2.Other Current Liabilities</b>	
a. Expenses Payable	5,66,52,623.00
b.Amount Payable to P.Talukdar	2,600.00
c. Indian Statistical Institute (Examination 2019)	29,630.00
d.Kumar Arun-Mess Fees	13,500.00
e.Total Library Solution	63,19,064.00
f. NIIFT Alumni Association	200.00
g. Vishal Yadav-Mess Fees	30,000.00
<b>3.Statutory Liabilities</b>	
a.GPF Deduction from Salary	1,53,93,049.00
b.GIS Premium	23,800.00
c.LC Premium	11,16,775.00
d. New Pension Scheme(Employees Contribution)	35,09,933.00
e. New Pension Scheme(Employers Contribution)	48,21,839.00
f. Extra Deduction of TDS under Section 92A paid to Employees	37,000.00
<b>TOTAL</b>	<b>8,98,43,763.00</b>



**NATIONAL INSTITUTE OF FOUNDRY & FURGE TECHNOLOGY**

**HATIA, JAMSHEDPUR**

**BANK RECONCILIATION STATEMENT AS ON 31.03.2020**

**1) CANARA BANK SB A/C NO. 2790081009199 (NDR PLAN A/c)**

Particulars	Amount
Balance as per Ledger as on 31.03.2020	8,94,92,216.62
Add: Amount credited in Bank but not entered in Cash Book as on 31.03.2020 (Voucher-II)	30,45,662.28
Less: Cheques deposited but not cleared as on 31.03.2020 (Voucher-II)	1,55,618.00
Balance as per Ledger as on 31.03.2020 (After Calculation)	8,64,92,318.81
Balance as per Bank Statement as on 31.03.2020	8,64,92,318.81
Difference	-

**2) CANARA BANK SB A/C NO. 2790081020002 (Loan Principal Payment Account)**

Particulars	Amount
Balance as per Ledger as on 31.03.2020	1,54,09,992.00
Balance as per Ledger as on 31.03.2020 (After BPS)	1,54,09,992.00
Balance as per Bank Statement as on 31.03.2020	1,54,09,992.00
Difference	-

**3) CANARA BANK SB A/C NO. 2790081020450**

Particulars	Amount
Balance as per Ledger as on 31.03.2020	6,34,35,890.81
Add: Amount credited in Bank but not entered in Cash Book	1,70,865.80
Less: Cheques deposited but not cleared in Cash Book	50,315.80
Balance as per Ledger as on 31.03.2020 (After Calculation)	6,95,52,240.81
Balance as per Bank Statement as on 31.03.2020	6,95,52,240.81
Difference	-

**4) CANARA BANK SB A/C NO. 2790081020450**

Particulars	Amount
Balance as per Ledger as on 31.03.2020	34,52,01,757.90
Add: Amount credited in Bank but not entered in Cash Book	78,800.00
Less: Cheques deposited but not cleared as on 31.03.2020	5,48,203.80
Balance as per Ledger as on 31.03.2020 (After Calculation)	34,48,32,274.90
Balance as per Bank Statement as on 31.03.2020	34,48,32,274.90
Difference	-

**5) CANARA BANK SB A/C NO. 2790081020450**

Particulars	Amount
Balance as per Ledger as on 31.03.2020	3,94,31,890.00
Add: Amount credited in Bank but not entered in Cash Book	5,99,241.88
Balance as per Ledger as on 31.03.2020 (After Calculation)	3,89,71,331.88
Balance as per Bank Statement as on 31.03.2020	3,89,71,331.88
Difference	-

**6) CANARA BANK SB A/C NO. 2790081020450 (SENB Project II)**

Particulars	Amount
Balance as per Ledger as on 31.03.2020	28,46,631.00
Balance as per Ledger as on 31.03.2020 (After BPS)	28,46,631.00
Balance as per Bank Statement as on 31.03.2020	28,46,631.00
Difference	-

**7) CANARA BANK SB A/C NO. 2790081020450 (SENB Project I)**

Particulars	Amount
Balance as per Ledger as on 31.03.2020	1,74,493.00
Less: Amount debited in Cash book but not entered in Bank	978.00
Balance as per Ledger as on 31.03.2020 (After Calculation)	1,74,493.00
Balance as per Bank Statement as on 31.03.2020	1,74,493.00
Difference	-



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**ADDITIONAL:** Amount credited to Bank but not entered in Cash Book is Rs 1,00,000

[illegible]

CAMPUS BANG SA LAC NH. TRUNG HOANG HINH PHU KHAI

ANNOUNCE: Degree deposited but not closed as on 11.05.2023

[illegible]

# **NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY**

A Centrally Funded Technical Institute under MHRD

(Govt. of India)

HATIA, RANCHI- 834003 (JHARKHAND)



## **STATEMENT OF ACCOUNTS FOR GENERAL PROVIDENT FUND FOR THE FINANCIAL YEAR 2019-20**

(As per Revised Formats of Financial Statements for Central Higher Educational Institutions)

Audited by:  
Mis Kumar Vikash & Company  
(Chartered Accountants)  
Ranchi



# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCHI-834003

GENERAL PROVIDENT FUND ACCOUNT

BALANCE SHEET AS AT 31st MARCH, 2020

Previous Year	Liabilities	Current Year	Previous Year	Assets	Current Year
8,22,06,840.00	<b>GPF</b>	9,88,21,196.00	7,96,52,322.00	<b>Investment in Term Deposit</b>	8,06,15,974.00
	Opening Balance	8,22,06,840.00		2730007000001/2	80,00,000.00
	Add: Subscription	1,49,82,069.00		2730401001442/7	1,32,38,759.00
	Add: Advances Recovered	-		2730401001442/8	1,74,01,608.00
	Less: Withdrawals	48,67,000.00		2730401001627/4	1,59,01,012.00
	Less: GPF Final settlements	5,08,562.00		2730401001848/7	77,77,812.00
	Add: Interest Credited	70,06,979.00		2730401002221/5	1,01,58,392.00
	Closing Balance	9,88,21,196.00		2730401002221/5	1,01,58,392.00
			32,05,428.00	<b>Accrued Interest</b>	29,40,249.07
1,28,00,489.29	<b>Interest Reserve</b>	1,09,48,190.36		<b>Cash at Bank</b>	
	Opening Balance	1,28,00,489.29			
	Less: Excess of Expense over				
	Income	28,52,298.93	1,21,49,579.29	Canara Bank SB A/c No. 2730103007115	2,62,13,163.29
	Closing Balance	1,09,48,190.36			
9,50,07,329.29	<b>Total</b>	10,97,69,386.36	9,58,07,329.29	<b>Total</b>	10,97,69,386.36

AS INTERNAL AUDITOR

For: M/s Ramesh Vash & Co (CHARTERED ACCOUNTANTS)

CA. Vash & Co (Proprietor)

MEMBERSHIP NO: 423828



*(Signature)*  
Deputy Registrar

का. वलसपि/Dy. Registrar  
निए. राँचे/NIFT, Ranchi

*(Signature)*  
REGISTRAR  
NIFT, RANCHI

*(Signature)*  
DIRECTOR  
निए. हटिया, राँचे-3  
NIFT, HATIA, RANCHI-3

# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCHI-834003

GENERAL PROVIDENT FUND ACCOUNT

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 2020

Previous Year	EXPENDITURE	Current Year	Previous Year	INCOME	Current Year
55,92,848.00	Interest credited to GPF Account	70,06,879.00	48,27,457.00	Interest Earned on Investment	47,80,969.07
273.00	Bank Charges	72.00		Interest received on FDR	50,47,378.00
				Add: Interest accrued on 31.03.2020	29,40,249.07
				Less: Interest Accrued on 31.03.2019	32,05,428.00
			1,91,023.00	Interest on Saving Bank Account	3,72,758.00
			5,74,741.00	Excess of Expenditure over Income adjust From Interest Reserve Account	18,52,298.99
55,93,221.00	Total	70,07,051.00	55,93,221.00	Total	70,07,051.00

AS INTERNAL AUDITOR

For: M/s Kumar Vikash & CO (CHARTERED ACCOUNTANTS)

CA. Vikash Kumar (Proprietor)  
MEMBER NO. 1033938



*(Signature)*  
Deputy Registrar

का कुलसचिव/Dy. Registrar  
निय. राँचे/NIFT, Ranchi

*(Signature)*  
REGISTRAR  
NIFT, RANCHI

*(Signature)*  
DIRECTOR  
निय. हटिया, राँचे-3  
NIFT, HATIA, RANCHI-3

उप-  
निर्देश

# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCHI-834003

GENERAL PROVIDENT FUND ACCOUNT

RECEIPT AND PAYMENT ACCOUNT FOR FINANCIAL YEAR ENDED 31st MARCH 2020

Previous Year	RECEIPTS	Current Year	Previous Year	PAYMENTS	Current Year
	Opening Balance			FD Investment	80,00,000.00
17,85,604.29	Canara Bank SB A/c No. 2730001007115	1,21,49,579.29	41,71,475.00	GPF Fiscal Settlement	5,08,591.00
			61,41,500.00	GPF Withdrawal	48,67,000.00
1,40,48,000.00	GPF Subscription	1,43,82,969.00	273.00	Bank Charges	72.00
1,64,756.00	GPF Advance recovery				
58,98,538.00	FD Encashment (30155729633) (t. 58)	1,10,69,432.00			
1,74,904.00	Interest on FD Encashment	12,14,044.00			
1,91,093.00	Interest on Saving Bank Account	3,72,759.00			
				Closing Balance	
			1,21,49,579.29	Canara Bank SB A/c No. 2730001007115	2,62,13,963.29
2,14,62,827.19	Total	3,95,88,817.19	2,24,62,827.29	Total	3,95,88,827.29

AS/INTERNAL AUDITOR

For: M/s Kumar Khosla & Co. (CHARTERED ACCOUNTANTS)

CA. Vikram Chandra Khosla  
MEMBERSHIP NO. 40338

*(Signature)*  
Deputy Registrar

*(Signature)*  
Registrar

*(Signature)*  
Director



का कुलसचिव/Dy. Registrar  
निम्न: रीचे/NIFFT, Ranchi

REGISTRAR  
NIFFT, RANCHI

निदेश  
DIRECTOR  
निम्न: रीचे, रीचे-3  
NIFFT, HATIA, RANCHI-3

# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCHI-834003

## GENERAL PROVIDENT FUND ACCOUNT

DETAILS OF TERM DEPOSITS AS ON 31.03.2020

Sl.	Account Number	Bank	Principal	Interest Accrued
1	2730401001627/4	CANARA	1,59,01,012.00	9,15,613.26
2	2730401001442/8	CANARA	1,74,01,608.00	2,48,168.86
3	2730401001442/7	CANARA	1,12,18,759.00	2,53,002.22
4	2730401001848/7	CANARA	77,77,812.00	60,025.74
5	2730401002217/5	CANARA	1,01,58,391.00	5,44,598.16
6	2730401002218/5	CANARA	1,01,58,392.00	5,44,598.17
7	2730307000001/2	CANARA	80,00,000.00	3,74,242.66
Total:			8,06,15,974.00	29,40,249.07



NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY  
HATIA, RANCHI-834003

Bank Reconciliation Statement as on 31.03.2020

1) CANARA BANK SB A/C NO. 2730101007115 (NIIFT GPF A/C)

Particulars	Amount
Balance as per Ledger as on 31.03.2020	2,62,13,163.29
Balance as per Bank Statement as on 31.03.2020	2,62,13,163.29
Difference	-



# **NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY**

A Centrally Funded Technical Institute under MHRD

(Govt. of India)

HATIA, RANCHI- 834003 (JHARKHAND)



## **STATEMENT OF ACCOUNTS FOR TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME ACCOUNT FOR THE FINANCIAL YEAR 2019-20**

(As per Revised Formats of Financial Statements for Central Higher Educational Institutions)

Audited by:  
M's Kumar Vikash & Company  
(Chartered Accountants)  
Ranchi



# NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY

HATIA, RANCHI-834003

## TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME ACCOUNT

BALANCE SHEET AS AT 31st MARCH, 2020

SOURCES OF FUNDS	Schedule	Current Year 2019-20	Previous Year 2018-19
CORPUS/CAPITAL FUND	1	2,45,34,522.17	2,79,74,405.80
<b>TOTAL</b>		<b>2,45,34,522.17</b>	<b>2,79,74,405.80</b>

APPLICATION OF FUNDS	Schedule	Current Year 2019-20	Previous Year 2018-19
FIXED ASSETS	2	2,26,74,284.06	2,61,14,167.69
CURRENT ASSETS	3	7,05,484.11	7,05,484.11
LOANS, ADVANCES & DEPOSITS	4	11,54,754.00	11,54,754.00
<b>TOTAL</b>		<b>2,45,34,522.17</b>	<b>2,79,74,405.80</b>

AS INTERNAL AUDITOR

For: M/s Kumar Vikash & Co., (CHARTERED ACCOUNTANTS)

CA. Vikash Kumar (Proprietor)

MEMBERSHIP NO.: 433328



*[Signature]*  
Deputy Registrar

का कुलसचिव/Dy. Registrar  
नियट, राँची/NIIFT, Ranchi

*[Signature]*  
REGISTRAR  
NIIFT, RANCHI

Page 38

*[Signature]*  
DIRECTOR  
नियट, राँची-3  
NIIFT, HATIA, RANCHI-3

# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCHI-834003

## TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME ACCOUNT

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31st MARCH, 2020

INCOME	Schedule	Current Year	Previous Year
GRANTS	-	-	-
OTHER INCOME	-	-	-
<b>TOTAL(A)</b>		<b>-</b>	<b>-</b>

EXPENDITURE	Schedule	Current Year	Previous Year
OTHER EXPENSES	-	-	-
DEPRECIATION	2	34,39,883.63	39,05,253.31
<b>TOTAL(B)</b>		<b>34,39,883.63</b>	<b>39,05,253.31</b>
<b>Balance Being Deficit Carried to Capital Fund</b>		<b>(34,39,883.63)</b>	<b>(39,05,253.31)</b>

AS INTERVAL AUDITOR

For: M/s Kumar Vikash & Co. (CHARTERED ACCOUNTANTS)

CA. Vikash Kumar (Proprietor)

MEMBERSHIP NO. 423328



*[Signature]*  
Deputy Registrar

कमलसिंह/Dy. Registrar  
नियंत्र. राँची/NIFT, Ranchi

*[Signature]*  
Registrar

REGISTRAR  
NIFT, RANCHI

*[Signature]*  
Director

निदेशक  
नियंत्र. राँची-3  
NIFT, HATIA, RANCHI-3

**NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY**  
HATIA, RANCHI-834003

**TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME ACCOUNT**  
RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31.03.2020

Previous Year	RECEIPTS	Current Year	Previous Year	PAYMENTS	Current Year
	Opening Balances			Expenses	
1,255.00	A) Cash Balances	1,255.00	-		-
7,04,229.11	B) Bank Balances	7,04,229.11		Closing Balances	
			1,255.00	A) Cash Balances	1,255.00
-	Receipts	-	7,04,229.11	B) Bank Balances	7,04,229.11
7,05,484.11		7,05,484.11	7,05,484.11		7,05,484.11

AS INTERNAL AUDITOR

For: M/s Kamesh Vikash & CO. (CHARTERED ACCOUNTANTS)

CA Vikash Kumar (Proprietor)

MEMBERSHIP NO.: 428538



*Kamesh Vikash*  
Deputy Registrar

**का कुलसचिव/Dy. Registrar**  
**निएट, राँची/NIFT, Ranchi**

*Kamesh Vikash*  
REGISTRAR  
NIFT, RANCHI

*Kamesh Vikash*  
Director

**निदेशक**  
**DIRECTOR**  
**निएट, राँची-3**  
**NIFT, HATIA, RANCHI-3**

SCHEDULE - 1 - CORPUS/CAPITAL FUND

Particulars	Current Year	Previous Year
Balance at the beginning of the year	2,79,74,405.80	3,18,79,659.11
Add: Contributions towards Corpus/Capital fund	-	-
Add: Grants Received	-	-
Add: Excess of Income over Expenditure transferred from the Income & Expenditure Account	-	-
TOTAL	2,79,74,405.80	3,18,79,659.11
Deduct: Deficit transferred from Income & Expenditure Account	(34,39,883.63)	(39,05,253.31)
Balance at the year end	2,45,34,522.17	2,79,74,405.80



**SCHEDULE - 2- TEGUP FIXED ASSETS (O.B)**

S.No	Assets Heads	Opening Balance	Additions	Deductions	Total	Depreciation for the Year	Closing Balance
1	2	3	4	5	6	7	8
1	Scientific & Laboratory Equipment	2,56,08,061.65	-	-	2,56,08,061.65	29,77,174.70	2,26,30,886.95
2	Furniture, Fixtures & Fittings	1,12,782.24	-	-	1,12,782.24	69,385.13	43,397.11
3	Lib. Books & Scientific Journals	3,93,323.80	-	-	3,93,323.80	3,93,323.80	0.00
	<b>Total (C)</b>	<b>2,61,14,167.69</b>	<b>-</b>	<b>-</b>	<b>2,61,14,167.69</b>	<b>34,39,883.63</b>	<b>2,26,74,284.06</b>

**SCHEDULE- 3 - CURRENT ASSETS(OB)**

Particulars	Current Year	Previous Year
1. cash in Hand	1,255.00	1,255.00
2. Cash at Bank	7,04,229.11	7,04,229.11
<b>Total</b>	<b>7,05,484.11</b>	<b>7,05,484.11</b>

**SCHEDULE- 4 - LOANS & ADVANCES(OB)**

Particulars	Current Year	Previous Year
1. M/s Ed.CIL (India) Ltd.	11,23,225.00	11,23,225.00
2. M/s NIFFT	31,529.00	31,529.00
<b>Total</b>	<b>11,54,754.00</b>	<b>11,54,754.00</b>



**Internal Audit Report of  
National Institute of Foundry and Forge Technology,  
Ranchi**

**For the period 01.04.2019 to 31.03.2020**



**Internal Audit conducted by:  
M/s Kumar Vikash & Company.  
(Chartered Accountants)  
Ranchi**



Name of the Entity : National Institute of Foundry and Forge Technology  
Period Covered : 01.04.2019 to 31.03.2020

We have conducted our audit in accordance with the Auditing Standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. Our audit includes examining on test basis, evidences supporting the amounts and disclosure in the financial statements. Our audit also includes assessing the accounting principles used and significant estimates made by the management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

- I. We have obtained the information and explanations, which to the best of our knowledge and believe were necessary for the purpose of our audit.
- II. The Balance Sheet, Income and Expenditure Account and Receipt & Payments Account dealt with by this report have been drawn up in the revised format prescribed by the Ministry of Human Resource Development, Government of India.
- III. In our opinion proper books of accounts and other relevant records have been maintained by the National Institute of Foundry and Forge Technology, Ranchi as required under Section 20(I & II) of the Memorandum of Association of National Institute of Foundry and Forge Technology in so far as it appears from our examination of such books.



IV. Major audit observation have been reported as under:

**BALANCE SHEET**

**SOURCES OF FUNDS > CURRENT LIABILITIES (SCHEDULE- 2)**

Following Ledger Accounts needs to be examined minutely and the balances should be reconciled as the balances are being carried forward since long period. The unclaimed liabilities may be transferred to revenue accounts after due verification.

Accounts payable/Receivable	2,23,441/-
Grant from CBSE Board	50,000/-
M/s Total Library Solution	92,784/-
AICTE	1,40,000/-

Schedule 2(b) 2 Project- Board of Research in Nuclear Science (BRNS): No transaction has been recorded during the FY 2019-20 under this project. In case the project has been completed, the balances amount may be refunded to the sanctioning authority (as per the rule), as the balance outstanding is overstating the liability of the institute by 16,39,363/-

Schedule 2(b) 3 Project- Science and Engineering Research Board (SERB) (OLD): No transaction has been recorded during the FY 2019-20 under this project. In case the project has been completed, the balances amount may be refunded to the sanctioning authority (as per the rule), as the balance outstanding is overstating the liability of the institute by 1,80,450/-

1. Schedule 2 (4) (c) TDS u/s 194C: It was observed that TDS has not been deducted in the following payments done during the year:

Date	Particulars	Amount	Remarks
07-07-2019	Scrutiny fees	2,50,000.00	TDS -Income Tax & TDS- GST not deducted
03-06-2019	M/s Ernet India	1,76,999.00	TDS not deducted.
03-10-2019	M/s Ernet India	21,372.00	TDS not deducted.
30-10-2019	M/s Ernet India	1,67,923.00	TDS not deducted.

**LOANS, ADVANCES & DEPOSITS (SCHEDULE -5)**

Following ledgers have not been settled from the date of earlier report.

Advances to suppliers(OB)		
M/s EDCIL (India) Ltd.	13,53,195	Dr.
National Informatic centre	3,29,07,670.00	Dr.
M/s Patents Info	15,000	Dr.
M/s Shree leathers	3,235.00	Dr.
M/s Mecon Ltd	5,00,000.00	Dr.
M/s M. Tab	1,80,000.00	Dr.



**SCHEDULE - 1 - CORPUS/CAPITAL FUND**

Particulars	Current Year	Previous Year
Balance at the beginning of the year	1,21,27,38,608.94	1,02,18,11,821.67
Add: Contributions towards Corpus/Capital fund	+	-
Add: Grants from UGC, Govt. of India, state Government to the extent utilised for capital expenditure	+	+
Add: Assets Purchased out of Earmarked Funds	+	+
Add: Assets Purchased out of Sponsored Projects, where ownership vests in the Institution	+	+
Add: Capital Grants received from Ministry of Human Resource Development (Govt. of India)	12,76,44,000.00	14,00,00,000.00
Add: Assets Donated / Gifts Received	+	+
Add: Others Additions (Building appreciation)	+	+
Less: Others Deduction (Custom Duty paid during the FY 2016-17 for SERB Project new)	+	+
Add: Excess of Income over Expenditure transferred from the Income & Expenditure Account	1,41,19,976.71	5,03,26,767.27
<b>TOTAL</b>	<b>1,35,45,02,585.65</b>	<b>1,21,27,38,608.94</b>
Deduct: Deficit transferred from Income & Expenditure Account	+	+
Deduct: Amount reversed during the year based on CAG observation	25,06,79,000.00	-
<b>Balance at the year end</b>	<b>1,10,38,23,585.65</b>	<b>1,21,27,38,608.94</b>



**Income Tax refundable -Unrealized Rs. 4,96,476/-**

Income Tax/TDS deducted by Income Tax department prior to FY 2006, The Amount since not realized since past ten years. The amount may be written off after due verification.

It was observed that electricity charges recoverable is not received from Canara Bank from Nov-19 onwards.

**Other Points:**

The Institute is situated on land leased by M/S HEC. The lease agreement expired on June 1998 and was not renewed by the HEC till date. As per the common format of accounts introduced by the ministry of finance for Central Autonomous Bodies superstructure on lease land should be depreciated at the rate coterminous with the amortization of lease period. Presently the institute is charging depreciation of Building only, as lease period of land was not renewed.

**INCOME > ACADEMIC RECEIPTS (SCHEDULE 6)**

Recording of receipts of fee may be done as per the approved fee structure more precisely.

**> INTEREST FROM INVESTMENT (SCHEDULE 8)**

Interest certificate from the concerned bank were not provided for verification, however book entries are based on the money realized in the saving bank account.

**> Others:**

1. Adherence to uniform formats of accounts and applicable accounting standards may be done more accurately.
2. Bank reconciliation statements must be prepared timely.
3. Fixed Assets Register have not been maintained.
4. Advance was pending for more than 5 year for settlement.
5. No physical verification was done of fixed asset and inventory during the year.



Subject to our observation in the preceding paragraphs and documents presented to us , we report that the Balance Sheet and Income & Expenditure Account and Receipt & Payment Account dealt with by this report are in agreement with the books of accounts.

For M/s Kumar Vikash & Company.  
Chartered Accountants



CA Vikash Kumar  
(Proprietor)  
M. No. 423928



Date: 28/07/2020  
Place: Ranchi.

UDIN:20423928AAAAAW6636



**National Institute of Foundry Forge & Technology**

**Internal Audit observations for Financial year 2019-20**

1. It was observed that AFC/BOG/Selection committee meeting expenses in financial year 2018-19 total expenses is Rs 3,26,124.00 for Meetings. However, during FY 2019-20 total meeting expenses is 18,65,505.00. a total of 4 meetings are held. Comparatively meeting expenses are quite high as compared to previous financial year.
2. it was observed that there was delay in transfer of GPF liability related to August & September 2019. The amount was payable within 15 days of next month but the same is transferred on 17<sup>th</sup> April 2020.
3. Interest payment for delay in filing of TDS return is RS 76,580.00. it is advisable to file the statutory returns within due date to avoid late fee/interest/fine etc.
4. It was observed that while vouching of expense following vouchers not found in voucher files. The details are as follows:

Date of payment	Amount
16-10-2019	2,26,737.00
16-10-2019	3,02,084.00
05-11-2019	2,11,456.00

5. It may be considered to invest caution money collected from students into fixed deposits as the liability to return the caution money can be estimated reasonably. During financial year 2019-20 the details are as follows:

Op. Balance	Debit	Credit	Cl. Balance
67,69,103.50	18,93,750.00	16,90,500.00	65,65,853.50

6. Employees loan repayment of Rs 19607.00 having credit balance is classified under statutory liability. The amount is very old and related to financial year 2004-05 to 2014-15. The amount is related to deduction for loan repayment taken from bank and payable by institute by deduction from salary. The amount may be settled or write-off.

**7. Cash Balance**

It was observed that during the year cash balance has been retained. Since cash expenses are not allowed/permitted, there is no reason to keep cash in hand and it should be deposited in Bank promptly.

The details of cash balance are as follows:

Opening Balance	92,639.00
Maximum Balance retained	1,72,358.00
Closing Balance	48,363.00



8. Provision for Bad debts Rs. 5,14,152.68 may be adjusted/written off.
9. TDS payable u/s 194J is having Debit Balance of Rs 9,139.00.



10. It was observed that TDS has not been deducted in the following payments done during the year:

Date	Particulars	Amount	Remarks
07-07-2019	Scrutiny fees	2,50,000.00	TDS -Income Tax & TDS- GST not deducted
03-10-2019	M/s Ernet India	21,372.00	TDS not deducted. 30-
30-10-2019	M/s Ernet India	1,67,923.00	TDS not deducted.
03-06-2019	M/s Ernet India	1,76,999.00	TDS not deducted

11. It was observed that electricity charges recoverable is not received from Canara Bank from Nov-19 onwards.

Also, Rental Income is accounted for in Books of accounts on receipt basis, the same should be accounted for on accrual basis and rental income should be booked for Jan to Mar'20 quarter.

For M/s Kumar Vikash & Company.  
Chartered Accountants



CA Vikash Kumar  
(Proprietor)  
M. No. 423928



Date: 24/07/2020  
Place: Ranchi.

### **3. Annual Accounts NIFFT 2020-2021**

# NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY

## STATEMENT OF ACCOUNTS FOR THE FINANCIAL YEAR 2020-21.

### CONTENTS

S.NO	PARTICULAR	Page No.
1	Balance Sheet as on 31.03.2021	1
2	Schedule forming part of Balance Sheet (1 to 5)	2-11
3	Income & Expenditure A/c for the FY 2020-21	12
4	Schedules Forming Part of Income & Expenditure account (6 to 15)	13-20
5	Receipts & Payments Accounts for the FY 2020-21	21-22
6	Schedules Forming Part of Receipts & Payments account (16 to 26)	23-30
7	Bank Reconciliation Statements	31-32
8	General Provident Fund Account for the FY 2020-21	33-37
9	Technical Education Quality Improvement Programme Account for the FY 2020-21	38-42



**NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY**  
**HATIA, RANCHI-834003**

BALANCE SHEET AS ON 31st March, 2021

SOURCES OF FUNDS	Schedule	Current Year 2020-21	Previous Year 2019-20
CORPUS/CAPITAL FUND	1	1,15,05,09,184.78	10,38,23,585.85
CURRENT LIABILITIES	2	13,30,46,427.88	31,43,19,063.70
HEFA LOAN	2(A)	5,45,97,502.00	2,13,45,281.00
EARN/MAKED FUND	2(B)	75,66,877.40	-
<b>TOTAL</b>		<b>1,34,57,19,992.06</b>	<b>1,43,94,88,530.35</b>

APPLICATION OF FUNDS	Schedule	Current Year 2020-21	Previous Year 2019-20
FIXED ASSETS	3	28,52,66,048.53	61,70,395.37
a) Tangible Assets		10,62,38,473.00	78,03,81,547.00
b) Capital work-in-Progress		2,59,00,294.73	55,98,691.00
c) Intangible Assets		15,77,59,361.60	34,77,54,826.92
CURRENT ASSETS	4	17,05,55,814.20	15,56,31,070.06
LOANS, ADVANCES & DEPOSITS	5	17,05,55,814.20	15,56,31,070.06
<b>TOTAL</b>		<b>1,34,57,19,992.06</b>	<b>1,43,94,88,530.35</b>

**AS INTERNAL AUDITOR**  
For M/s Mamohan Singh & Co.



CA J. P. Sharma  
(Partner)  
MNO. 40003

*(Signature)*  
Deputy Registrar

*(Signature)*  
Registrar

**SCHEDULE - 1 - CORPUS/CAPITAL FUND**

Particulars	Current Year	Previous Year
Balance at the beginning of the year	1,10,38,23,585.65	1,21,27,38,608.94
Add: Contributions towards Corpus/Capital fund	-	-
Add: Grants from UGC, Govt. of India, state Government to the extent utilised for capital expenditure	6,70,06,000.00	12,76,44,000.00
Add: Assets Purchased out of Earmarked Funds	-	-
Add: Assets Purchased out of Sponsored Projects, where ownership vests in the Institution	-	-
Add: Assets Donated / Gifts Received	-	-
Add: Others Additions (Building appreciation)	-	-
Less: Others Deduction (Custom Duty paid during the FY 2016-17 for SERB Project new)	-	-
Add: Excess of Income over Expenditure transferred from the Income & Expenditure Account	(2,03,20,400.87)	1,41,19,976.71
<b>TOTAL</b>	<b>1,15,05,09,184.78</b>	<b>1,35,45,02,585.65</b>
Deduct: Deficit transferred from Income & Expenditure Account	-	-
Deduct: Amount reversed during the year based on CAG observation	-	25,06,79,000.00
<b>Balance at the year end</b>	<b>1,15,05,09,184.78</b>	<b>1,10,38,23,585.65</b>



**SCHEDULE - 2 - CURRENT LIABILITIES**

CURRENT LIABILITIES		PY 2020-21	PY 2019-20
1	Deposit From Staff	13,81,772.00	14,46,743.00
2	Deposit From Student		
a	Caution Money	78,91,009.50	68,65,812.50
b	Unclaimed Fees	-	7,38,555.00
3	Deposit-Others		
a	Earnest Money	57,08,591.00	8,36,841.00
b	Security Deposit	1,74,738.30	2,74,738.30
4	Statutory Liabilities		
a	LIC Premium	7,751.40	6,700.40
b	TDS U/s 192A	1,23,354.00	1,88,489.02
c	TDS U/s 194C	81,865.00	96,476.00
d	TDS U/s 194I	5,475.00	19,139.00
e	PF Deduction from Salary	-	32,80,000.00
f	Employees Loan Repayment	18,807.00	19,807.00
g	Professional Tax on Salary	72,874.50	46,931.00
h	New Pension Scheme (Employees Contribution)	17,314.00	17,313.00
i	New Pension Scheme (Employer Contribution)	1,04,382.00	1,04,382.00
j	GIS Premium	-	4,880.00
k	PF Deduction from Salary	7,68,565.00	3,81,833.00
5	Other Current Liability		
a	Receipt against Sponsored Projects	77,21,384.00	88,47,829.00
b	Receipt against Sponsored Fellowship B. Scholarship	13,23,463.00	32,76,463.00
c	Other Liabilities		
a	Account Payable/ Receivable	2,23,442.00	2,23,442.00
b	AICTE	1,40,000.00	2,40,000.00
c	Grant from CSIR Board	50,000.00	50,000.00
d	M/s Total Library Solution	92,784.00	92,784.00
e	MBET Alumni Association	-	9,89,450.00
f	Provisional Expenses	2,20,07,702.00	5,06,89,350.00
g	Amount Payable to Manoj Kumar	45,000.00	45,000.00
h	Kumar Arun-Joshi Fees	-	13,500.00
i	Amount Received from IPC Project A/S-2/2021/01/004765	10,99,915.50	13,23,815.50
j	Amount payable to CSAB	-	83,600.00
k	Unutilized Grant refundable to MOE	6,81,36,000.00	24,77,76,982.00
l	Interest Earned on Grant refundable to MOE	1,54,19,469.00	86,66,365.00
m	Amount Received from Unidentified Person	2,50,657.16	-
n	Deposit from CSI	1,70,000.00	-
o	UG & PG Summer Examination -2020	13,500.00	-
		<b>13,46,46,427.86</b>	<b>31,43,19,063.70</b>





(ANNEXURE-I TO SCHEDULE - 2) SPONSORED PROJECTS

Sr. No.	Name of the Project	Opening Balance		Receipts	Total	Expenditure	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
1	Direct Admission of Students Abroad(DASA)	1,28,175			1,28,175		1,28,175	-
2	Project-Board of Research in Nuclear Science(BRNS)	16,39,363			16,39,363		16,39,363	-
3	Project-Science and Engineering Research Board(Old)	1,80,450			1,80,450		1,80,450	-
4	Project-Science & Engineering Research Board(New 1)	2,96,849			2,96,849		2,96,849	-
5	Project-Science & Engineering Research Board(S. Basu)	84,061		6,35,845	7,19,906	5,53,150	1,66,756	-
6	Technical Education Quality Improvement Programme	18,704			18,704		18,704	-
7	Burlapur Surgical Cluster, MSME (West Bengal)	11,88,594		3,99,959	15,88,553	10,88,553	5,00,000	-
8	Uttar Bharat Abhiyan	95,906			95,906	95,906		-
9	Science Research Engineering Board (P.S. Mondal)	28,46,632		78,960	29,25,592	2,43,200	26,82,392	-
10	Project Development Institute-Nigeria	4,69,095			4,69,095		4,69,095	-
11	Science Research Engineering Board (D. Roy)	-		16,40,000	16,40,000		16,40,000	-
	Total	59,47,829	-	27,54,764	97,02,593	19,80,809	77,21,784	-

(ANNEXURE-II SCHEDULE - 2 ) SPONSORED FELLOWSHIP AND SCHOLARSHIPS

Sr. No.	Name of the Project	Opening Balance		Receipts	Total	Expenditure	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
1	Govt. of India SC/ST Scholarship	22,74,200		4,09,600	26,83,800	26,29,100	54,700	-
2	S N Sinha Memorial Scholarship	5,000		-	5,000	-	5,000	-
3	State Scholarship for Students	9,97,263		13,05,350	23,02,613	10,46,750	12,55,863	-
4	Scholarship from Mahindra & Mahindra Ltd.	-		7,500	7,500	-	7,500	-
	Total	32,76,463	-	17,22,450	49,98,913	36,75,850	13,23,063	-



SCHEDULE - 2 (A) HEFA LOAN

Particulars		FY 2020-21	FY 2019-20
1	Opening Balance	2,13,45,881.00	-
2	Add: Loan from HEFA (Amount directly paid to CPWD)	6,00,00,000.00	2,13,45,881.00
3	Add: Loan from HEFA (Amount directly paid to Supplier)	40,71,521.00	-
4	Add: Interest charged by HEFA	24,71,906.00	-
5	Less: Principal Installment Paid to HEFA Against Loan	3,08,20,000.00	-
6	Less: Interest paid to HEFA	34,71,906.00	-
Closing Balance (1+2+3+4-5-6)		5,45,97,502.00	2,13,45,881.00



**SCHEDULE - A(8) - EARNMARKED FUND**

Sr. No.	Name of the Project	Opening Balance	Receipts	Total	Expenditure	Closing Balance
2	2	3	4	5(3+4)	6	7(5-6)
1	Earmarked fund for CSD Committee	-	25,00,000.00	25,00,000.00	41,705.00	24,58,300.00
2	Earmarked fund for NIFT Alumni Cell	-	15,76,959.40	15,76,959.40	-	15,76,959.40
3	Earmarked Fund (RSG)	-	35,31,618.00	35,31,618.00	-	35,31,618.00
<b>Total</b>		-	76,08,577.40	76,08,577.40	41,700.00	75,66,877.40



Sl. No.	Asset Heads	Rate of Depreciation (%)	Gross Block			Depreciation for the Year			Net Block	
			Opening Balance B.L.O.A. 2020	Additions	Residue	Closing Balance	Depreciation @ 8	Total Depreciation	As on 31.03.2021	As on 31.03.2020
1	Land	0	-	-	-	-	-	-	-	
2	Plant & Machinery	25	-	-	-	-	-	-	-	
3	Buildings (New)	25	-	11,00,00,000.00	-	11,00,00,000.00	-	-	-	
4	Building (Old)	25	16,68,00,000.00	-	-	16,68,00,000.00	-	-	-	
5	Books & Journals	25	-	-	-	-	-	-	-	
6	Software & Hardware	25	-	-	-	-	-	-	-	
7	Office Furniture and Equipment	25	11,25,18,204.49	-	-	11,25,18,204.49	-	-	-	
8	Plant & Machinery	25	10,57,216.50	2,84,854.50	-	13,42,071.00	-	-	-	
9	Scientific & Laboratory Equipment	25	1,17,71,990.00	34,44,467.00	-	1,52,16,457.00	-	-	-	
10	Office Equipment	25	1,17,71,990.00	45,87,250.00	-	1,63,59,240.00	-	-	-	
11	Books & Journals	25	9,98,250.00	24,648.00	-	10,22,898.00	-	-	-	
12	Computer & Peripherals	25	1,58,00,000.00	1,54,00,000.00	-	3,12,00,000.00	-	-	-	
13	Furniture, Fixtures & Fittings	25	2,48,35,570.89	1,93,135.00	-	2,67,68,705.89	-	-	-	
14	Vehicle	10%	66,48,834.50	-	-	66,48,834.50	-	-	-	
15	Books & Scientific Instruments	10%	11,00,00,000.00	14,50,000.00	-	12,14,50,000.00	-	-	-	
16	Tools with a useful life of 5 years	25	4,20,000.00	-	-	4,20,000.00	-	-	-	
17	Investment Assets	100%	-	-	-	-	-	-	-	
18	Summery (AMC) AD	8%	24,37,217.00	-	-	24,37,217.00	-	-	-	
	<b>Total (A)</b>		<b>86,54,35,494.53</b>	<b>34,82,85,244.50</b>	<b>-</b>	<b>1,21,37,20,739.03</b>	<b>14,02,35,414.50</b>	<b>1,07,34,85,324.53</b>	<b>1,07,34,85,324.53</b>	
19	Capital work in Progress (B)		<b>7,21,90,000.00</b>	<b>-</b>	<b>-</b>	<b>7,21,90,000.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	
	<b>Total (B)</b>		<b>7,21,90,000.00</b>	<b>-</b>	<b>-</b>	<b>7,21,90,000.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	
	<b>Total (C)</b>		<b>1,28,59,10,739.03</b>	<b>34,82,85,244.50</b>	<b>-</b>	<b>1,28,59,10,739.03</b>	<b>14,02,35,414.50</b>	<b>1,14,56,75,324.53</b>	<b>1,14,56,75,324.53</b>	



SCHEDULE - 3 (A) NON PLAN FIRED ASSETS

S.No	Assets Heads	Rate of Depreciation (%)	Gross Block		Depreciation for the Year		Net Block	
			Opening Balance 01.04.2020	Additions	Closing Balance	Depreciation for the Year	As on 31.03.2021	As on 31.03.2020
1	2	3	4	5	6=4+5	7	8=7+6	9
1	Land	0%	-	-	-	-	-	-
2	Site Development	0%	-	-	-	-	-	-
3	Roading	2%	-	-	-	-	-	-
4	Roads & Bridges	2%	-	-	-	-	-	-
5	Tuber wells & Water Supply	2%	1,17,495.00	-	1,17,495.00	3,343.00	1,04,395.60	1,05,745.50
6	Sewage & Drainage	2%	-	-	-	-	-	-
7	Electrical Installation and Equipment	5%	-	-	-	-	-	-
8	Pest & Machinery	5%	85,757.00	4,000.00	89,757.00	3,488.89	86,268.11	50,130.25
9	Office Equipment	7.5%	1,40,600.00	3,89,896.00	5,30,496.00	39,787.20	4,90,708.80	1,30,504.25
10	Audio Visual Equipment	7.5%	3,44,980.00	24,950.00	3,69,930.00	22,046.50	3,47,883.50	1,67,293.75
11	Computers & Peripherals	20%	80,83,881.00	2,16,292.00	83,00,173.00	6,57,296.80	76,428.40	31,66,073.30
12	Furniture, Fittings & Fittings	7.5%	88,171.00	85,877.00	1,74,048.00	13,053.60	1,60,994.40	57,555.11
13	Vehicles	10%	-	-	-	-	-	-
14	Lib. Books & Scientific Journals	10%	58,520.00	67,537.00	1,26,057.00	12,605.70	1,13,451.30	42,882.90
15	Scientific & Laboratory Equipment	10%	49,560.00	-	49,560.00	4,956.00	44,604.00	37,665.00
16	Small Water Assets	100%	38,33,754.00	8,26,532.00	46,60,286.00	3,65,075.35	42,95,210.65	17,28,657.79
Total (A)			38,72,754.00	8,45,552.00	47,18,306.00	21,41,096.23	25,77,209.77	17,28,657.79
17	Capital work in Progress	(B)	-	-	-	-	-	-
Total (C)			-	-	-	-	-	-
Grand Total (A+B+C)								
18	Intangible Assets							
19	Computer Software	40	-	-	-	-	-	-
20	E-Journals	40	-	-	-	-	-	-
21	Patents	5 Years	-	15,000.00	15,000.00	1,666.67	13,333.33	-
Total (C)			-	15,000.00	15,000.00	1,666.67	13,333.33	-
Grand Total (A+B+C)			38,72,754.00	8,45,552.00	47,18,306.00	21,41,096.23	25,77,209.77	17,28,657.79



**SCHEDULE - 4 - CURRENT ASSETS**

		PARTICULAR	FY 2020-21	FY 2019-20
<b>1</b>	<b>Sundry Debtors:</b>			
a	Debits outstanding for a period exceeding six months		5,14,152.68	5,14,152.68
<b>2</b>	<b>Cash and Bank Balances</b>			
a	In Saving Accounts			
i	Canara Bank SB A/c No. 2730101006939 (IRG)		3,39,54,957.00	3,56,02,216.62
ii	Canara Bank SB A/c No. 273010109959 (Closed)		-	1,127.00
iii	SBI Hatia SB A/c No.-11026359877 (O.B) (Closed)		-	3,344.10
iv	Canara Bank SB A/c No. 2730101011451 (OH-31)		5,07,28,264.02	6,94,28,890.02
v	Canara Bank SB A/c No. 2730101011452 (OH-36)		4,79,04,567.50	14,52,91,757.50
vi	Canara Bank SB A/c No. 2730101011453 (OH-35)		19,44,504.00	7,84,32,890.00
vii	Canara Bank SB A/c No. 2730101012429 (SERB Project II)		43,58,368.00	28,46,632.00
viii	Canara Bank SB A/c No. 2730101011923 (SERB Project I)		1,73,281.00	1,75,472.00
ix	Canara Bank Escrow A/c -2730101012032 (Principal Payment Account)		1,59,07,334.00	1,54,09,982.00
x	Canara Bank Escrow A/c -2730101012033 (Interest Payment Account)		65.00	-
xi	Canara Bank Escrow A/c -2730101012029 (Fees Receivable Account)		-	-
xii	Canara Bank Escrow A/c -2730101012031 (Grant Receivable Account)		45,585.40	-
xiii	Canara Bank A/c No.-2730101001031 (Allumni Cell)		12,78,315.00	-
xiv	Canara Bank SB A/c No. 2730101012610 (Online)			
<b>3</b>	<b>Cash</b>			
a	Cash in hand		30.00	48,363.00
<b>4</b>	<b>Allumni Fund Investment</b>			
	FDR/2730401001400/10		1,60,823.00	-
	FDR/2730401001401/10		1,31,148.00	-
	FDR/2730401001697/4		5,19,853.00	-
			1,38,113.00	-
<b>5</b>	<b>TDS Receivable</b>			
	<b>TOTAL</b>		<b>15,77,59,361.60</b>	<b>34,77,54,826.92</b>





**SCHEDULE - 5 - LOANS, ADVANCES & DEPOSITS**

	<b>FY 2020-21</b>	<b>FY 2019-20</b>
<b>1 Advances to Employees: (Non Interest Bearing)</b>		
a Expenses Advance	7,05,190.00	10,26,063.00
b Festival Advance	-	900.00
c Leave Travel Concession Advance	6,46,243.00	65,222.00
d Medical Advance	13,99,788.00	2,69,671.00
e Travelling Advance	66,868.00	98,970.00
f Rolling Advance	2,68,580.00	4,62,092.00
g CPDA Advance	5,60,698.00	2,94,000.00
<b>2 Advances to Employees: (Interest Bearing)</b>		
a Computer Advance	2,26,794.00	2,11,994.00
b Car/Motorcycle/Scooter Advance	28,000.00	56,170.00
<b>3 Advances &amp; Other amounts Recoverable</b>		
<b>I Institute Activities</b>		
a NIFT-Golden Jubilee Celebration	20,10,199.33	20,10,199.33
b Contribution to Annual Feast-IIIKKS	24,80,000.00	24,80,000.00
c SBI online A/c -36228721268 (Old)	13,10,662.20	13,10,662.20
d Advance to NIFT Student's Gymkhana	60,000.00	60,000.00
e SBI online A/c -38579437865 (New)	26,565.14	2,42,423.00
<b>II Advance to Suppliers</b>		
a M/s EdCIL (India) Ltd. (for Campus Wide Networking)	13,53,195.00	13,53,195.00
b M/s National Informatic Centre	3,29,29,545.00	3,29,07,670.00
c M/s Patents Info	15,000.00	15,000.00
d M/s Sreedleathers	3,235.00	3,235.00
e Central Public Works Department (CPWD) ✓	-11,62,23,558.00	10,12,61,123.00
f Advance to SPIC Mascy	10,000.00	-
g Advance paid to Sharda Services	9,204.00	-
<b>4 Prepaid Expense</b>		
a Pre Paid Internet Expenses	-	11,80,000.00



Contd..

		FY 2020-21	FY 2019-20
<b>5</b>	<b>Deposit with suppliers</b>		
<b>I</b>	<b>Telephone</b>		
a	Security Deposit With P&T Department	29,950.00	29,950.00
<b>II</b>	<b>Electricity</b>		
a	Security Deposit With Jharkhand Electricity Board	12,15,000.00	12,15,000.00
<b>III</b>	<b>Medical</b>		
a	M/s. Mecon Ltd.	5,00,000.00	5,00,000.00
<b>IV</b>	<b>Academic</b>		
a	AICTE	1,88,047.00	1,88,047.00
b	Security Deposit With Ranchi University	2,50,000.00	2,50,000.00
<b>V</b>	<b>Others</b>		
a	CBI Attachment	5,54,613.00	5,54,613.00
b	Security Deposit & Earnest Money (O.B.)	2,16,707.00	2,16,707.00
c	SBI (FDR) Scholar Fund	23,378.00	23,378.00
d	Security Deposit With Jayant Gas Co.	32,501.00	32,501.00
e	Student Welfare Fund	21,563.00	21,563.00
f	Deposits Against Foreign Letter of Credit with Canara Bank	65,21,899.53	65,21,899.53
<b>VI</b>	<b>Income Accrued:</b>		
a	On Advance to Employees	14,143.00	14,143.00
<b>VII</b>	<b>Claims Receivable</b>		
a	Amount Receivable from M. Lab	1,80,000.00	1,80,000.00
b	Amount Receivable from Pensioners	56,450.00	56,450.00
c	Income Tax (TDS) Refundable-Unrealized	4,96,476.00	4,96,476.00
d	Rent Receivable from BSNL	21,000.00	21,000.00
e	TDS - Unrealized	1,153.00	1,153.00
		<b>17,05,55,814.20</b>	<b>15,56,31,070.06</b>



# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCHI-834003

## INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31ST MARCH, 2021

INCOME		Schedule	Current Year 2020-21	Previous Year 2019-20
ACADEMIC RECEIPTS		6	2,02,17,165.00	3,36,90,522.00
GRANTS (OH-31 and OH-36 from MOE)		7	29,20,47,982.00	32,48,58,018.00
INCOME FROM INVESTMENT		8	-	-
INTEREST EARNED		9	89,595.00	11,06,160.00
OTHER INCOME		10	19,62,943.20	31,41,655.02
<b>TOTAL(A)</b>			<b>31,43,17,685.20</b>	<b>36,27,96,355.02</b>
EXPENDITURE		Schedule	Current Year 2020-21	Previous Year 2019-20
STAFF PAYMENT & BENEFITS (Establishment Expenses)		11	24,30,67,810.00	24,71,28,164.00
ACADEMIC EXPENSES		12	2,60,54,737.00	3,56,15,739.00
ADMINISTRATIVE AND GENERAL EXPENSES		13	2,13,83,087.96	3,11,11,172.00
TRANSPORTATION EXPENSES		14	4,30,193.00	9,50,756.00
REPAIR & MAINTENANCE EXPENSES		15	19,33,143.00	1,00,52,187.00
DEPRECIATION		3	4,17,69,115.11	2,38,18,360.31
<b>TOTAL(B)</b>			<b>33,46,38,086.07</b>	<b>34,86,76,378.31</b>
Balance Being Surplus/(Deficit) Carried to Capital Fund (A-B)			<b>(2,03,20,400.87)</b>	<b>1,41,19,976.71</b>

For M/s Manmohan Singh & Co.

Chartered Accountants  
RANCHI  
CA J. P. Sharma  
(Partner)  
M.NO. 402655

Deputy Registrar

Registrar

**SCHEDULE - 6 - ACADEMIC RECEIPTS**

PARTICULAR		FY 2020-21	FY 2019-20
FEES FROM STUDENTS			
<b>1 Academic</b>			
a Admission Fee	74,800.00		55,400.00
b Application Fee	1,16,700.00		1,58,950.00
c Computer Fee	8,65,500.00		11,13,500.00
d Grade Card Fee	56,550.00		44,250.00
e Library Access Fee	8,65,500.00		11,84,500.00
f Registration/Enrolment Fee	1,91,800.00		2,56,400.00
g Seat Rent	73,800.00		22,44,600.00
h Tuition Fees	1,53,82,050.00		2,11,95,800.00
<b>Total (A)</b>	<b>1,76,26,700.00</b>		<b>2,62,53,400.00</b>
<b>2 Examinations</b>			
a Examination Fee-Institute	4,34,600.00		5,79,450.00
b Examination Fee-Ranchi University	3,89,550.00		4,18,900.00
c Examination Fees-Jharkhand Technical University	6,16,915.00		12,64,450.00
<b>Total (B)</b>	<b>14,41,065.00</b>		<b>22,62,800.00</b>
<b>3 Other Fees</b>			
a Fines & Penalties	600.00		73,672.00
b Gymkhana Fee	2,59,050.00		3,34,950.00
c Hostel Fee	21,000.00		54,800.00
d Hostel Maintenance Fee (Establishment Charges)	1,23,000.00		37,44,000.00
e Identity Card Fee (Re-issued)	-		50.00
f Internet Access Fee	2,59,650.00		3,44,850.00
g Medical Fee	4,78,500.00		6,22,000.00
h Seminar/Thesis Fees	7,600.00		-
<b>Total (C)</b>	<b>11,49,400.00</b>		<b>51,74,322.00</b>
<b>GRAND TOTAL (A+B+C)</b>	<b>2,02,17,165.00</b>		<b>3,36,90,522.00</b>



**SCHEDULE - 7 GRANTS**

PARTICULAR	Govt. of India (MHRD)		FY 2020-21	FY 2019-20
	Plan*	Non Plan - G.		
Grant Refundable to MHRD for 2019-20 reversed	6,70,06,000.00	18,07,70,982.00	18,07,70,982.00	15,60,29,000.00
Add: Receipts during the Year	-	17,94,13,000.00	17,94,13,000.00	34,96,00,000.00
Less: Amount Refundable to MHRD	-	6,81,36,000.00	6,81,36,000.00	18,07,70,982.00
<b>Total</b>			<b>29,20,47,982.00</b>	<b>32,48,58,018.00</b>

\*For Information purpose only no part of Income & Expenditure

**SCHEDULE - 8 - INCOME FROM INVESTMENTS**

PARTICULAR	FY 2020-21	FY 2019-20
1. Interest on Term Deposit with Nationalized Bank	15,10,256.00	-
Less: Transfer to Interest Refundable to MOE	15,10,256.00	-
2. Interest accrued on Term Deposit but not received	-	-
<b>Total</b>	<b>-</b>	<b>-</b>

**SCHEDULE - 9 - INTEREST EARNED**

PARTICULAR	Plan	Non Plan	FY 2020-21	FY 2019-20
1. Interest on Saving Account with scheduled banks	16,41,119.00	36,01,729.00	52,42,848.00	97,14,930.00
Less: Interest earned on Govt. fund transferable to MHRD	16,41,119.00	36,01,729.00	52,42,848.00	86,66,365.00
2. Interest Earned as Income	-	-	-	10,48,565.00
3. Interest on Loans of Employees	-	-	89,595.00	57,595.00
<b>Total (2+3)</b>			<b>89,595.00</b>	<b>11,06,160.00</b>



**SCHEDULE -10- OTHER INCOME**

PARTICULAR	FY 2020-21	FY 2019-20
<b>A. Income from Land &amp; Buildings</b>		
1. Electricity Charges Recovered	2,53,197.00	2,79,122.00
2. Rent Recovered	26,600.00	2,10,500.00
3. License Fee Recovered	5,06,118.00	4,19,555.00
4. Water Charges Recovered	1,325.00	1,301.00
<b>Total (A)</b>	<b>7,87,240.00</b>	<b>9,10,478.00</b>
<b>B. Others</b>		
<b>1. Others Incomes</b>		
a) Bus Charges Recovery	29,600.00	83,350.00
b) Certificate Verification & Transcript Fee	13,000.00	37,400.00
c) Photocopy Charges	-	180.00
2. Income From Consultancy	-	3,469.00
3. Misc. Receipts	2,22,252.20	1,838.02
4. Recruitment Fees	8,000.00	3,34,500.00
5. RTI Fees	80.00	404.00
6. Mess Fees	12,300.00	-
7. Insurance Claim of Vehicles	16,791.00	-
8. Triable Area Allowance Recovery	8,73,680.00	17,17,711.00
9. Overhead from Project	-	52,325.00
<b>Total (B)</b>	<b>11,75,703.20</b>	<b>22,31,177.02</b>
<b>Grand Total (A+B)</b>	<b>19,62,943.20</b>	<b>31,41,655.02</b>





SCHEDULE - 11 - STAFF PAYMENTS & BENEFITS ( ESTABLISHMENT EXPENSES )

PARTICULAR	FY 2020-21			FY 2019-20		
	Plan	Non Plan	Total	Plan	Non Plan	Total
<b>1. Salaries and Wages</b>	-	13,32,72,576.00	13,32,72,576.00	-	12,36,87,258.00	12,36,87,258.00
a) Salaries and Wages/Teaching & Non Teaching)	-	5,50,080.00	5,50,080.00	-	1,17,38,402.00	1,17,38,402.00
b) Salary Arrear	-	1,86,516.00	1,86,516.00	-	1,93,424.00	1,93,424.00
<b>2. Allowance and Bonus</b>	-	-	-	-	-	-
<b>3. Retirement and Terminal Benefits</b>	-	2,93,945.00	2,93,945.00	-	2,46,597.00	2,46,597.00
a) Composite Transfer/TA Grant	-	47,60,403.00	47,60,403.00	-	12,57,132.00	12,57,132.00
b) Encashment of Leave	-	4,51,962.00	4,51,962.00	-	11,81,077.00	11,81,077.00
c) Leave Salary & Pension Contribution	-	-	-	-	2,74,000.00	1,74,000.00
d) Other Retirement Benefit	-	32,36,052.00	32,36,052.00	-	5,15,532.00	5,15,532.00
e) Payment of Gratuity	-	5,18,26,664.00	5,18,26,664.00	-	4,96,57,743.00	4,96,57,743.00
f) Pension	-	38,58,658.00	38,58,658.00	-	7,37,460.00	7,37,460.00
g) Commutation	-	6,14,582.00	6,14,582.00	-	1,89,09,483.00	1,89,09,483.00
h) Arrear to Pensioner	-	36,00,961.00	36,00,961.00	-	15,84,347.00	15,84,347.00
4. Leave Travel Concession facilities	-	32,91,491.00	32,91,491.00	-	23,94,626.00	23,94,626.00
5. Medical Facility	-	13,50,000.00	13,50,000.00	-	29,82,881.00	29,82,881.00
6. Children Education Allowance	-	2,88,438.00	2,88,438.00	-	1,24,165.00	1,24,165.00
7. Honorarium	-	76,753.00	76,753.00	-	-	-
8. Telephone Facility	-	-	-	-	-	-
<b>9. Payment to Adhoc Staff</b>	-	8,18,079.00	8,18,079.00	-	8,96,395.00	8,96,395.00
a) Consultants & Contractual Staff	-	6,44,001.00	6,44,001.00	-	5,63,036.00	5,63,036.00
b) Salary-System Administrator	-	2,13,832.00	2,13,832.00	-	6,67,104.00	6,67,104.00
c) Salary-Lab Staff's	-	53,20,018.00	53,20,018.00	-	1,89,85,646.00	1,89,85,646.00
d) Indian Allied Security-Manpower Supply	-	44,75,812.00	44,75,812.00	-	98,35,769.00	98,35,769.00
e) Bombay Intelligence Security-Sweeping & Cleaning	-	45,080.00	45,080.00	-	15,660.00	15,660.00
f) Salary-Physical Trainer	-	4,20,000.00	4,20,000.00	-	4,24,483.00	4,24,483.00
g) Account-Supervisor	-	59,376.00	59,376.00	-	50,944.00	50,944.00
h) Salary-cultural and health activity Instructor's	-	4,20,001.00	4,20,001.00	-	1,05,000.00	1,05,000.00
i) Salary-Security Supervisor	-	1,11,111.00	1,11,111.00	-	-	-
j) Salary-Academic Assistant	-	1,65,000.00	1,65,000.00	-	-	-
k) Salary-Admin Supervisor	-	1,24,99,888.00	1,24,99,888.00	-	-	-
l) Everest Human Resource Manpower Supply	-	1,01,60,581.00	1,01,60,581.00	-	-	-
m) Bull Fighter Security-Manpower Supply	-	24,30,67,810.00	24,30,67,810.00	-	24,71,28,164.00	24,71,28,164.00
<b>TOTAL</b>	-	24,30,67,810.00	24,30,67,810.00	-	24,71,28,164.00	24,71,28,164.00



SCHEDULE - 12 - ACADEMIC EXPENSES

PARTICULAR	FY 2020-21		FY 2019-20	
	Plan	Non Plan	Plan	Non Plan
1. Examination Expenses	-	6,53,600.00	-	21,07,200.00
2. Payment to Visiting Faculty	-	2,24,240.00	-	12,18,291.00
3. Stipend /Merit Cum Means Scholarship	-	-	-	-
a) Merit-Cum-Means Scholarship	-	12,58,000.00	-	13,26,000.00
b) Scholarship to M.Tech Students	-	99,20,000.00	-	1,98,43,578.00
c) Stipend to Advanced Diploma Course Students	-	25,70,000.00	-	39,66,750.00
d) Stipend to PhD Scholars	-	50,42,367.00	-	33,47,250.00
4. Student Welfare Expenses	-	-	-	-
a) NIFT Clinic Expenses	-	1,58,340.00	-	77,637.00
b) Students Medical Reimbursement	-	-	-	1,33,252.00
c) Students Recreation Activities	-	28,870.00	-	2,73,077.00
d) Medical Insurance of Students	-	4,59,020.00	-	4,13,000.00
5. Laboratory & Workshop Expenses	-	6,55,159.00	-	21,63,063.00
6. Participation in Seminar & Conferences	-	3,91,420.00	-	5,86,889.00
7. Seminar/Workshop/Conference Expenses	-	1,32,486.00	-	79,397.00
8. Other Academic Expenses	-	5,23,893.00	-	80,355.00
9. Deemed University Fees	-	15,00,000.00	-	-
10. Subscription/Membership Fees	-	32,580.00	-	-
11. Financial Assistance for Courses/Seminar	-	25,04,722.00	-	-
<b>TOTAL</b>	-	<b>2,60,54,737.00</b>	-	<b>3,56,15,739.00</b>



**SCHEDULE - 13 - ADMINISTRATIVE AND GENERAL EXPENSES**

PARTICULAR	FY 2020-21		FY 2019-20	
	Plan	Non Plan	Plan	Non Plan
<b>A) Infrastructure</b>				
<b>a) Electricity &amp; Power</b>				
a) D.G. Set Fuel Expenses	-	2,80,077.00	2,80,077.00	7,40,430.00
b) Jharkhand Biji Vitran Nigam Ltd.	-	65,71,327.00	65,71,327.00	87,69,823.00
<b>b) Rent, Rates and Taxes</b>				
a) Lease Rent to M/s HEC Ltd.	-	51,804.00	51,804.00	51,804.00
b) Municipal Tax	-	1,25,724.00	1,25,724.00	28,12,627.00
c) Solid Waste Collection Charges	-	5,00,000.00	5,00,000.00	-
<b>B) Communication</b>				
<b>a) Telephone, Fax and Internet Charges</b>				
a) M/s BSNL	-	5,50,325.00	5,50,325.00	3,67,843.00
b) Other Mobile & Landline	-	-	-	1,734.00
c) BSNL Internet Leased Line	-	11,80,000.00	11,80,000.00	11,80,000.00
d) Internet Charges-NICSI/Emnet	-	-	-	3,66,294.00
<b>b) Postage &amp; Stationery Expenses</b>				
a) Postage & Stationery	-	25,146.00	25,146.00	64,783.00
<b>C) Others Expenditure</b>				
<b>I) Advertisement &amp; Publicity</b>				
a) M/s Jagran Prakashan Ltd.	-	-	-	60,743.00
b) M/s Employment News	-	-	-	1,57,398.00
c) M/s Hindustan Media Ventures Ltd.	-	-	-	63,504.00
d) M/s ABP Pvt. Ltd.	-	-	-	66,825.00
e) Ridge Advertisement Marketing Consultant	-	14,27,126.00	14,27,126.00	8,91,136.00

Contd...



PARTICULAR	FY 2020-21			FY 2019-20		
	Plan	Non Plan	Total	Plan	Non Plan	Total
II) Hospitality Expenses	-	4,17,272.00	4,17,272.00	-	26,26,873.00	26,26,873.00
III) Internal & CAG Auditor Remuneration	-	2,72,292.00	2,72,292.00	-	3,02,000.00	3,02,000.00
IV) Magazine/Journals/News Paper Subscriptions	-	34,893.00	34,893.00	-	32,970.00	32,970.00
V) Printing & Stationary (Consumption)	-	7,70,723.00	7,70,723.00	-	7,36,976.00	7,36,976.00
VI) Rajbhasha Activities Expenses	-	6,000.00	6,000.00	-	45,110.00	45,110.00
VII) Security Expenses	-	-	-	-	-	-
Handhand Home Guards	-	77,64,250.00	77,64,250.00	-	65,84,190.00	65,84,190.00
VIII) Sitting Charges for Meetings	-	2,67,000.00	2,67,000.00	-	3,68,040.00	3,68,040.00
IX) Travelling & Conveyance	-	2,96,568.66	2,96,568.66	-	33,71,264.00	33,71,264.00
X) Legal Expenses	-	99,450.00	99,450.00	-	1,37,500.00	1,37,500.00
XI) Bank Charges	-	10,300.30	10,300.30	-	9,219.00	9,219.00
XII) Celebration & other Activities Expenses	-	4,14,996.00	4,14,996.00	-	5,49,109.00	5,49,109.00
XIII) Miscellaneous Expenditure	-	5,04,130.00	5,04,130.00	-	7,22,649.00	7,22,649.00
XIV) SPIC MACAY Expenses	-	19,000.00	19,000.00	-	30,328.00	30,328.00
XV) Excess Provision Vinte off FY 2019-20	-	(2,05,316.00)	(2,05,316.00)	-	-	-
<b>TOTAL</b>	-	<b>2,13,83,087.96</b>	<b>2,13,83,087.96</b>	-	<b>3,11,11,172.00</b>	<b>3,11,11,172.00</b>



**SCHEDULE-14 - TRANSPORTATION EXPENSES**

PARTICULAR	FY 2020-21		FY 2019-20	
	Plan	Non Plan	Plan	Non Plan
<b>1. Vehicles (Owned by Institutions)</b>				
A) Insurance Expenses	-	1,56,604.00	-	1,70,249.00
B) Running Expenses (Fuel)	-	1,52,876.00	-	4,26,659.00
C) Vehicles Repairs & Maintenance	-	1,20,713.00	-	3,19,644.00
2. Vehicles Hiring Expenses	-	-	-	34,204.00
<b>Total</b>	-	<b>4,30,193.00</b>	-	<b>9,50,756.00</b>

**SCHEDULE-15 - REPAIRS & MAINTENANCE**

PARTICULAR	FY 2020-21		FY 2019-20	
	Plan	Non Plan	Plan	Non Plan
<b>1. Annual Maintenance Cost</b>				
a) AMC of DG Set	-	5,605.00	-	80,040.00
b) AMC of Photocopier	-	11,000.00	-	78,470.00
c) AMC of Water Purifiers	-	20,31,098.00	-	26,850.00
2. Building Maintenance	-	95,624.00	-	46,44,662.00
3. Cleaning Material & Services	-	3,38,311.00	-	4,21,041.00
4. Computer Maintenance	-	10,18,082.00	-	3,19,189.00
5. Electrical Maintenance	-	55,779.00	-	21,40,777.00
6. Furniture & Fixtures Maintenance	-	59,663.00	-	51,661.00
7. Gardening	-	2,07,973.00	-	97,504.00
8. Office Equipments Maintenance	-	14,55,875.00	-	1,89,930.00
9. Repair & Maintenance- Others	-	(33,45,867.00)	-	20,02,063.00
10. Provision Write-off FY 2019-20	-	-	-	-
<b>Total</b>	-	<b>19,33,143.00</b>	-	<b>1,00,52,187.00</b>





# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCH-834003

RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31.03.2023

Sl. No.	Particulars	Received Year 2022-23	Current Year 2022-23	Previous Year 2021-22	Particulars	Current Year 2022-23	Previous Year 2021-22
1	Closing Balances				1. Expenses		
A) Cash Balances		48,183.00			1. New Year Expenses	20,17,28,000.00	21,32,10,000.00
B) Bank Balances					2. Staff Expenses & Benefits (Lr. Expenses)	1,80,38,113.00	2,72,61,000.00
2	In Transit Balances				3. Academic Expenses	1,02,13,178.00	2,13,09,400.00
3	SB A/c No. 2730101000330 (Non-Plan)	3,26,61,236.00		5,00,99,000.00	4. Administrative and General Expenses	1,03,64,883.00	3,00,900.00
4	SB A/c No. 2730101000331 (Plan)			3,31,430.00	5. Transportation Expenses	10,18,200.00	22,41,810.00
5	SB A/c No. 2730101000332 (Plan)			1,127.00	6. Repair & Maintenance		
6	SB A/c No. 2730101000333 (Plan)			5,944.10	7. Payments Against Sponsored Projects	8,15,113.00	12,80,051.00
7	SB A/c No. 2730101000334 (Plan)			48,58,770.00	8. Payments Against Sponsored Fellowship/Scholarship	36,72,800.00	34,12,810.00
8	SB A/c No. 2730101000335 (Plan)			13,03,17,103.00	9. Payments on Fixed Assets		
9	SB A/c No. 2730101000336 (Plan)			4,90,47,870.00	1. Fixed Assets	3,76,42,073.00	2,58,70,141.00
10	SB A/c No. 2730101000337 (Plan)				2. Non-Plan Fixed Assets	1,56,478.00	
11	SB A/c No. 2730101000338 (Plan)				3. Non-Plan Fixed Assets		
12	SB A/c No. 2730101000339 (Plan)				4. Non-Plan Fixed Assets		
13	SB A/c No. 2730101000340 (Plan)				5. Non-Plan Fixed Assets		
14	SB A/c No. 2730101000341 (Plan)				6. Non-Plan Fixed Assets		
15	SB A/c No. 2730101000342 (Plan)				7. Non-Plan Fixed Assets		
16	SB A/c No. 2730101000343 (Plan)				8. Non-Plan Fixed Assets		
17	SB A/c No. 2730101000344 (Plan)				9. Non-Plan Fixed Assets		
18	SB A/c No. 2730101000345 (Plan)				10. Non-Plan Fixed Assets		
19	SB A/c No. 2730101000346 (Plan)				11. Non-Plan Fixed Assets		
20	SB A/c No. 2730101000347 (Plan)				12. Non-Plan Fixed Assets		
21	SB A/c No. 2730101000348 (Plan)				13. Non-Plan Fixed Assets		
22	SB A/c No. 2730101000349 (Plan)				14. Non-Plan Fixed Assets		
23	SB A/c No. 2730101000350 (Plan)				15. Non-Plan Fixed Assets		
24	SB A/c No. 2730101000351 (Plan)				16. Non-Plan Fixed Assets		
25	SB A/c No. 2730101000352 (Plan)				17. Non-Plan Fixed Assets		
26	SB A/c No. 2730101000353 (Plan)				18. Non-Plan Fixed Assets		
27	SB A/c No. 2730101000354 (Plan)				19. Non-Plan Fixed Assets		
28	SB A/c No. 2730101000355 (Plan)				20. Non-Plan Fixed Assets		
29	SB A/c No. 2730101000356 (Plan)				21. Non-Plan Fixed Assets		
30	SB A/c No. 2730101000357 (Plan)				22. Non-Plan Fixed Assets		
31	SB A/c No. 2730101000358 (Plan)				23. Non-Plan Fixed Assets		
32	SB A/c No. 2730101000359 (Plan)				24. Non-Plan Fixed Assets		
33	SB A/c No. 2730101000360 (Plan)				25. Non-Plan Fixed Assets		
34	SB A/c No. 2730101000361 (Plan)				26. Non-Plan Fixed Assets		
35	SB A/c No. 2730101000362 (Plan)				27. Non-Plan Fixed Assets		
36	SB A/c No. 2730101000363 (Plan)				28. Non-Plan Fixed Assets		
37	SB A/c No. 2730101000364 (Plan)				29. Non-Plan Fixed Assets		
38	SB A/c No. 2730101000365 (Plan)				30. Non-Plan Fixed Assets		
39	SB A/c No. 2730101000366 (Plan)				31. Non-Plan Fixed Assets		
40	SB A/c No. 2730101000367 (Plan)				32. Non-Plan Fixed Assets		
41	SB A/c No. 2730101000368 (Plan)				33. Non-Plan Fixed Assets		
42	SB A/c No. 2730101000369 (Plan)				34. Non-Plan Fixed Assets		
43	SB A/c No. 2730101000370 (Plan)				35. Non-Plan Fixed Assets		
44	SB A/c No. 2730101000371 (Plan)				36. Non-Plan Fixed Assets		
45	SB A/c No. 2730101000372 (Plan)				37. Non-Plan Fixed Assets		
46	SB A/c No. 2730101000373 (Plan)				38. Non-Plan Fixed Assets		
47	SB A/c No. 2730101000374 (Plan)				39. Non-Plan Fixed Assets		
48	SB A/c No. 2730101000375 (Plan)				40. Non-Plan Fixed Assets		
49	SB A/c No. 2730101000376 (Plan)				41. Non-Plan Fixed Assets		
50	SB A/c No. 2730101000377 (Plan)				42. Non-Plan Fixed Assets		
51	SB A/c No. 2730101000378 (Plan)				43. Non-Plan Fixed Assets		
52	SB A/c No. 2730101000379 (Plan)				44. Non-Plan Fixed Assets		
53	SB A/c No. 2730101000380 (Plan)				45. Non-Plan Fixed Assets		
54	SB A/c No. 2730101000381 (Plan)				46. Non-Plan Fixed Assets		
55	SB A/c No. 2730101000382 (Plan)				47. Non-Plan Fixed Assets		
56	SB A/c No. 2730101000383 (Plan)				48. Non-Plan Fixed Assets		
57	SB A/c No. 2730101000384 (Plan)				49. Non-Plan Fixed Assets		
58	SB A/c No. 2730101000385 (Plan)				50. Non-Plan Fixed Assets		
59	SB A/c No. 2730101000386 (Plan)				51. Non-Plan Fixed Assets		
60	SB A/c No. 2730101000387 (Plan)				52. Non-Plan Fixed Assets		
61	SB A/c No. 2730101000388 (Plan)				53. Non-Plan Fixed Assets		
62	SB A/c No. 2730101000389 (Plan)				54. Non-Plan Fixed Assets		
63	SB A/c No. 2730101000390 (Plan)				55. Non-Plan Fixed Assets		
64	SB A/c No. 2730101000391 (Plan)				56. Non-Plan Fixed Assets		
65	SB A/c No. 2730101000392 (Plan)				57. Non-Plan Fixed Assets		
66	SB A/c No. 2730101000393 (Plan)				58. Non-Plan Fixed Assets		
67	SB A/c No. 2730101000394 (Plan)				59. Non-Plan Fixed Assets		
68	SB A/c No. 2730101000395 (Plan)				60. Non-Plan Fixed Assets		
69	SB A/c No. 2730101000396 (Plan)				61. Non-Plan Fixed Assets		
70	SB A/c No. 2730101000397 (Plan)				62. Non-Plan Fixed Assets		
71	SB A/c No. 2730101000398 (Plan)				63. Non-Plan Fixed Assets		
72	SB A/c No. 2730101000399 (Plan)				64. Non-Plan Fixed Assets		
73	SB A/c No. 2730101000400 (Plan)				65. Non-Plan Fixed Assets		
74	SB A/c No. 2730101000401 (Plan)				66. Non-Plan Fixed Assets		
75	SB A/c No. 2730101000402 (Plan)				67. Non-Plan Fixed Assets		
76	SB A/c No. 2730101000403 (Plan)				68. Non-Plan Fixed Assets		
77	SB A/c No. 2730101000404 (Plan)				69. Non-Plan Fixed Assets		
78	SB A/c No. 2730101000405 (Plan)				70. Non-Plan Fixed Assets		
79	SB A/c No. 2730101000406 (Plan)				71. Non-Plan Fixed Assets		
80	SB A/c No. 2730101000407 (Plan)				72. Non-Plan Fixed Assets		
81	SB A/c No. 2730101000408 (Plan)				73. Non-Plan Fixed Assets		
82	SB A/c No. 2730101000409 (Plan)				74. Non-Plan Fixed Assets		
83	SB A/c No. 2730101000410 (Plan)				75. Non-Plan Fixed Assets		
84	SB A/c No. 2730101000411 (Plan)				76. Non-Plan Fixed Assets		
85	SB A/c No. 2730101000412 (Plan)				77. Non-Plan Fixed Assets		
86	SB A/c No. 2730101000413 (Plan)				78. Non-Plan Fixed Assets		
87	SB A/c No. 2730101000414 (Plan)				79. Non-Plan Fixed Assets		
88	SB A/c No. 2730101000415 (Plan)				80. Non-Plan Fixed Assets		
89	SB A/c No. 2730101000416 (Plan)				81. Non-Plan Fixed Assets		
90	SB A/c No. 2730101000417 (Plan)				82. Non-Plan Fixed Assets		
91	SB A/c No. 2730101000418 (Plan)				83. Non-Plan Fixed Assets		
92	SB A/c No. 2730101000419 (Plan)				84. Non-Plan Fixed Assets		
93	SB A/c No. 2730101000420 (Plan)				85. Non-Plan Fixed Assets		
94	SB A/c No. 2730101000421 (Plan)				86. Non-Plan Fixed Assets		
95	SB A/c No. 2730101000422 (Plan)				87. Non-Plan Fixed Assets		
96	SB A/c No. 2730101000423 (Plan)				88. Non-Plan Fixed Assets		
97	SB A/c No. 2730101000424 (Plan)				89. Non-Plan Fixed Assets		
98	SB A/c No. 2730101000425 (Plan)				90. Non-Plan Fixed Assets		
99	SB A/c No. 2730101000426 (Plan)				91. Non-Plan Fixed Assets		
100	SB A/c No. 2730101000427 (Plan)				92. Non-Plan Fixed Assets		
101	SB A/c No. 2730101000428 (Plan)				93. Non-Plan Fixed Assets		
102	SB A/c No. 2730101000429 (Plan)				94. Non-Plan Fixed Assets		
103	SB A/c No. 2730101000430 (Plan)				95. Non-Plan Fixed Assets		
104	SB A/c No. 2730101000431 (Plan)				96. Non-Plan Fixed Assets		
105	SB A/c No. 2730101000432 (Plan)				97. Non-Plan Fixed Assets		
106	SB A/c No. 2730101000433 (Plan)				98. Non-Plan Fixed Assets		
107	SB A/c No. 2730101000434 (Plan)				99. Non-Plan Fixed Assets		
108	SB A/c No. 2730101000435 (Plan)				100. Non-Plan Fixed Assets		
109	SB A/c No. 2730101000436 (Plan)				101. Non-Plan Fixed Assets		
110	SB A/c No. 2730101000437 (Plan)				102. Non-Plan Fixed Assets		
111	SB A/c No. 2730101000438 (Plan)				103. Non-Plan Fixed Assets		
112	SB A/c No. 2730101000439 (Plan)				104. Non-Plan Fixed Assets		
113	SB A/c No. 2730101000440 (Plan)				105. Non-Plan Fixed Assets		
114	SB A/c No. 2730101000441 (Plan)				106. Non-Plan Fixed Assets		
115	SB A/c No. 2730101000442 (Plan)				107. Non-Plan Fixed Assets		
116	SB A/c No. 2730101000443 (Plan)				108. Non-Plan Fixed Assets		
117	SB A/c No. 2730101000444 (Plan)				109. Non-Plan Fixed Assets		
118	SB A/c No. 2730101000445 (Plan)				110. Non-Plan Fixed Assets		
119	SB A/c No. 2730101000446 (Plan)				111. Non-Plan Fixed Assets		
120	SB A/c No. 2730101000447 (Plan)				112. Non-Plan Fixed Assets		
121	SB A/c No. 2730101000448 (Plan)				113. Non-Plan Fixed Assets		
122	SB A/c No. 2730101000449 (Plan)				114. Non-Plan Fixed Assets		
123	SB A/c No. 2730101000450 (Plan)				115. Non-Plan Fixed Assets		
124	SB A/c No. 2730101000451 (Plan)				116. Non-Plan Fixed Assets		
125	SB A/c No. 2730101000452 (Plan)				117. Non-Plan Fixed Assets		
126	SB A/c No. 2730101000453 (Plan)				118. Non-Plan Fixed Assets		
127	SB A/c No. 2730101000454 (Plan)				119. Non-Plan Fixed Assets		
128	SB A/c No. 2730101000455 (Plan)				120. Non-Plan Fixed Assets		
129	SB A/c No. 2730101000456 (Plan)				121. Non-Plan Fixed Assets		
130	SB A/c No. 2730101000457 (Plan)				122. Non-Plan Fixed Assets		
131	SB A/c No. 2730101000458 (Plan)				123. Non-Plan Fixed Assets		
132	SB A/c No. 2730101000459 (Plan)				124. Non-Plan Fixed Assets		
133	SB A/c No. 2730101000460 (Plan)				125. Non-Plan Fixed Assets		
134	SB A/c No. 2730101000461 (Plan)				126. Non-Plan Fixed Assets		
135	SB A/c No. 2730101000462 (Plan)				127. Non-Plan Fixed Assets		
136	SB A/c No. 2730101000463 (Plan)				128. Non-Plan Fixed Assets		
137	SB A/c No. 2730101000464 (Plan)				129. Non-Plan Fixed Assets		
138	SB A/c No. 2730101000465 (Plan)				130. Non-Plan Fixed Assets		
139	SB A/c No. 2730101000466 (Plan)				131. Non-Plan Fixed Assets		
140	SB A/c No. 2730101000467 (Plan)				132. Non-Plan Fixed Assets		
141	SB A/c No. 2730101000468 (Plan)				133. Non-Plan Fixed Assets		
142	SB A/c No. 2730101000469 (Plan)				134. Non-Plan Fixed Assets		
143	SB A/c No. 2730101000470 (Plan)				135. Non-Plan Fixed Assets		
144	SB A/c No. 2730101000471 (Plan)				136. Non-Plan Fixed Assets		
145	SB A/c No. 2730101000472 (Plan)				137. Non-Plan Fixed Assets		
146	SB A/c No. 2730101000473 (Plan)				138. Non-Plan Fixed Assets		
147	SB A/c No. 2730101000474 (Plan)				139. Non-Plan Fixed Assets		
148	SB A/c No. 2730101000475 (Plan)				140. Non-Plan Fixed Assets		
149	SB A/c No. 2730101000476 (Plan)				141. Non-Plan Fixed Assets		
150	SB A/c No. 2730101000477 (Plan)				142. Non-Plan Fixed Assets		
151	SB A/c No. 2730101000478 (Plan)				143. Non-Plan Fixed Assets		
152	SB A/c No. 2730101000479 (Plan)				144. Non-Plan Fixed Assets		
153	SB A/c No. 2730101000480 (Plan)				145. Non-Plan Fixed Assets		
154	SB A/c No. 2730101000481 (Plan)				146. Non-Plan Fixed Assets		
155	SB A/c No. 2730101000482 (Plan)				147. Non-Plan Fixed Assets		
156	SB A/c No. 2730101000483 (Plan)				148. Non-Plan Fixed Assets		
157	SB A/c No. 2730101000484 (Plan)				149. Non-Plan Fixed Assets		
158	SB A/c No. 2730101000485 (Plan)				150. Non-Plan Fixed Assets		
159	SB A/c No. 2730101000486 (Plan)				151. Non-Plan Fixed Assets		
160	SB A/c No. 2730101000487 (Plan)				152. Non-Plan Fixed Assets		
161	SB A/c No. 2730101000488 (Plan)				1		





**SCHEDULE- 16 - ACADEMIC RECEIPTS**

PARTICULARS		AMOUNT
<b>1.Academic</b>		
a. Admission Fee		21,000.00
b. Application Fee		1,16,700.00
c. Computer Fee		4,42,500.00
d. Grade Card Fee		16,200.00
e. Library Access Fee		4,42,500.00
f. Registration/Enrolment Fee		1,07,200.00
g. Seat Rent		73,800.00
h. Tuition Fees		70,56,800.00
(1) Sub Total		<b>82,76,700.00</b>
<b>2.Examination Fees</b>		
a. Examination Fees-Institute		2,23,100.00
b.Examination Fees-Ranchi University		2,27,400.00
c.Examination Fees(Jharkhand Technical University)		5,16,915.00
(2) Sub Total		<b>10,67,415.00</b>
<b>3.Other Fees</b>		
a.Fine & Penalties		600.00
b.Gymkhana Fee		1,32,150.00
c.Hostel Fees		21,000.00
d.Hostel Maintenance Fee		1,23,000.00
e.Internet Access Fee		1,32,750.00
f.Medical Fee		2,67,000.00
g.Thesis Fees		7,500.00
4.Admission Fees from CSAB 2020		94,92,000.00
5.CCMT 2020		21,86,500.00
(3) Sub Total		<b>1,23,62,600.00</b>



**SCHEDULE- 17 - OTHER INCOME**

PARTICULARS	AMOUNT
<b>1. Other</b>	
a. Bus Charges Recovery	29,600.00
b. Certificate/Transcript verification fees	13,000.00
c. Misc. Receipts (sale of Tender Form etc.)	2,19,555.20
d. RTI Fees	80.00
e. Mess Fees	12,300.00
f. Recruitment Fees	8,000.00
g. Triable Area Allowance Recovery	9,21,988.00
h. Income from Consultancy	69,240.00
i. Insurance claim of Vehicle	16,791.00
<b>2. Income from Land &amp; Building</b>	
a. Electricity charges Recovered	2,17,158.00
b. Rent Recovered	26,600.00
c. Licence Fees	5,05,178.00
d. Water Charges Recovery	1,321.00
<b>TOTAL</b>	<b>20,40,911.20</b>



18. MISCELLANEOUS RECEIPT INCLUDING LIABILITIES		AMOUNT
PARTICULARS		
1. Deposit From Staff		2,00,000.00
B.K.Chakraborty-with held Amount		
2. Deposit From Student		8,15,600.00
Caution Money		
3. Statutory Liabilities		1,97,40,076.00
a. GPF Deduction from Salary		28,100.00
b. GIS Premium		11,01,061.00
c. LIC Premium		41,69,466.00
d. New Pension Scheme (Employees Contribution)		58,37,135.00
e. New Pension Scheme (Employers Contribution)		1,70,847.00
f. Professional Tax on Salary		1,96,55,760.00
g. TDS Payable U/sec. 192A		1,13,287.00
h. TDS Payable U/sec. 194C		13,737.00
i. TDS Payable U/sec. 194J		9,93,986.00
j. CPF Deduction from Salary		
4. Other Current Liability		27,55,017.00
i. Expense Payable		24,900.00
ii. NIIFT Alumni Association		2,50,637.18
iii. Amount Received From Unidentified Person		1,70,000.00
iv. Deposit from CBI		52,95,758.00
v. Interest transferable to MHRD		30,000.00
vi. UG & PG Summer Examination-2020		3,22,889.00
vii. Contribution PM Relief Fund for COVID-19		
5. Deposit-Others		60,91,870.00
i. Earnest Money		35,919.00
ii. Advance from Madan Prasad (CPWD Contractor)		6,78,17,045.18
<b>TOTAL</b>		



**SCHEDULE- 19 - DEPOSIT & ADVANCES**

PARTICULARS	AMOUNT
<b>1. Advance to Supplier</b>	
a. Advance to Concept Media Group Films	25,000.00
b. Advance to CPWD	5,39,241.00
<b>2. Advance to Employees (Interest Bearing)</b>	
a. Car/Motorcycle/Scooter Advance	28,170.00
b. Computer Advance	1,20,200.00
<b>3. Advance to Employees (Non Interest Bearing)</b>	
a. Expenses Advance	6,04,712.00
b. Festival Advance	900.00
c. Leave Travel Concession Advance	22,05,166.00
d. Medical Advance	11,883.00
e. Rolling Advance	1,48,972.00
f. Travelling Advance	80,911.00
g. CPDA Advance	2,21,967.00
<b>4. Temporary Advance</b>	
a. Poklo Oraon (Spouse Bhatu Oraon)-Monetary Advance	25,000.00
<b>TOTAL</b>	<b>40,12,122.00</b>





SCHEDULE- 20- NON-PLAN EXPENSES		AMOUNT
PARTICULARS		
1. Academic Expenses		5,53,600.00
a. Examination Expenses		94,240.00
b. Payment to Visiting Faculty		1,53,55,167.00
c. Stipend/Ment cum miasis Scholarship		5,75,000.00
d. Student Welfare Expenses		65,500.00
e. Laboratory & workshop Expenses		3,32,486.00
f. Seminar/Workshop/Conference Expenses		15,00,000.00
g. Deemed University Fees		18,093.00
h. Other Academic Expenses		1,83,36,121.00
(1) Sub Total		
2. Administrative General Expenses		1,77,955.00
a. Communication		60,87,587.00
b. Infrastructure		59,47,578.10
c. Others Expenditure		1,62,14,120.10
(2) Sub Total		
3. Repair & Maintenance		11,000.00
a. Annual Maintenance Cost		25,350.00
b. Building Maintenance		1,04,298.00
c. Computer Maintenance		5,41,964.00
d. Electrical Maintenance		27,440.00
e. Furniture & Fixture Maintenance		77,508.00
f. Repair & Maintenance-Printer		2,36,661.00
g. Repair & Maintenance-others		30,19,290.00
(3) Sub Total		
4. Staff Payments & Benefits (for Expenses)		1,86,516.00
a. Allowances & Bonus		12,79,350.00
b. Children Education Allowance		98,305.00
c. Honorarium		19,24,866.00
d. Leave Travel Concession Facilities		10,20,215.00
e. Medical Facility		32,56,699.00
f. Payment to Adhoc Staff		6,44,29,684.00
g. Retirement & Terminal Benefits		13,35,07,663.00
h. Salaries & Wages		28,516.00
i. Telephone Facility		20,57,05,814.00
(4) Sub Total		
5. Transportation Expenses		1,56,604.00
a. Vehicles (Owned by Institution)		46,037.00
b. Vehicles Repair & Maintenance		2,02,641.00
(5) Sub Total		
TOTAL		24,14,79,926.10



**SCHEDULE- 21 - PAYMENT AGAINST SPONSORED PROJECT AND FELLOWSHIP/SCHOLARSHIP**

PARTICULARS	AMOUNT
<b>A. RECEIPT AGAINST SPONSORED FELLOWSHIP/SCHOLARSHIP</b>	
i) Govt. of India SC/ST Scholarship	26,29,100.00
ii) State Scholarship for Students	10,46,750.00
<b>21 (A) TOTAL</b>	<b>36,75,850.00</b>
<b>B. RECEIPT AGAINST SPONSORED PROJECT</b>	
i) Buriapur Surgical Cluster, MSME (West Bengal)	3,866.00
ii) Project-Science & Engineering Research Board (S.Basu)	5,03,150.00
iii) Project-Science & Engineering Research Board (P.S.Mondal)	2,07,200.00
iv) Unnat Bharat Abhiyan	95,906.00
<b>21 (B) TOTAL</b>	<b>8,10,122.00</b>

**SCHEDULE- 22 - PLAN FIXED ASSETS**

PARTICULARS	AMOUNT
i. Capital Work In Progress	70,38,965.00
ii. Computer & Peripherals	1,02,24,115.00
iii. Furniture, Fixture & Fittings	1,57,410.00
iv. Library Books & Scientific Journals	3,00,453.00
v. Office Equipment	4,93,240.00
vi. Plant & Machinery	2,26,004.00
vii. Scientific Laboratory Equipment	18,62,822.00
viii. E-Journal Subscription	1,54,69,241.00
ix. Software Subscription	18,72,823.00
<b>TOTAL</b>	<b>3,76,45,073.00</b>



**SCHEDULE- 23 - NON PLAN FIXED ASSETS.**

PARTICULARS	AMOUNT
i.Computer & Peripherals	53,935.00
ii.Office Equipment	1,02,941.00
<b>TOTAL</b>	<b>1,56,876.00</b>

**SCHEDULE- 24 - Interest on Loan of Employees**

PARTICULARS	AMOUNT
Interest on Loans of Employees/staff (Extra Deduct from Salary)	7,755.00
<b>TOTAL</b>	<b>7,755.00</b>





SCHEDULE- 25 - LOAN ADVANCES & DEPOSITS	
PARTICULARS	AMOUNT
1. Advance & Other Amount Receivable in Cash/Kind	
a. Advance to Suppliers	1,31,10,854.00
b. On Capital Account	2,61,58,718.00
2. Advance to Employees ( Non Interest Bearing)	
a. Expenses Advance	23,30,557.00
b. Leave Travel Concession Advance	32,30,000.00
c. Medical Advance	11,42,000.00
d. Rolling Advance	1,59,187.00
e. Travelling Advance	60,000.00
f. CDA Advance	8,49,000.00
3. Advance to Employees ( Interest Bearing)	
a. Computer Advance	1,35,000.00
b. Temporary Advance	
c. Pukko Oran (Source Bham Oran)-Mandatory Advance	25,000.00
<b>TOTAL</b>	<b>3,73,72,296.00</b>

SCHEDULE- 26 - OTHER PAYMENT	
PARTICULARS	AMOUNT
1. Deposit from Staff	
a. B.K.Chakraborty Withdrawal Amount	2,50,000.00
b. Salary held of Praveen K.	64,971.00
2. Deposit-Other	
a. Earnest Money	13,75,120.00
b. Deposit From Students	
c. Chaitan Maurya	3,93,300.00
3. Other Current Liabilities	
a. Expenses Payable	7,96,04,516.00
b. Amount Payable to Manoj Kumar	2,476.00
c. IFC Project	24,000.00
d. Honorarium Payable for CSAB	61,000.00
e. Contribution to Relief Fund for COVID-19	3,22,889.00
f. XIIIT Alumni Association	1,500.00
g. Kumar Anon Mess Fees	13,500.00
4. Statutory Liabilities	
a. GPF Deduction from Salary	2,20,00,076.00
b. GDS Premium	37,900.00
c. LIC Premium	11,00,000.00
d. New Pension Scheme (Employees Contribution)	41,60,465.00
e. New Pension Scheme (Employers Contribution)	58,37,154.00
f. TDS Payable 92A	46,83,709.00
g. TDS Payable 94C	2,02,083.00
h. TDS Payable 98J	26,087.00
i. CPF Deduction from Salary	9,57,437.00
<b>TOTAL</b>	<b>11,19,24,171.00</b>

**NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY**  
**HATIA, RANCHI-834003**

**BANK RECONCILIATION STATEMENT AS ON 31.03.2021**  
**1) CANARA BANK SB A/C NO. 2730101006939 [NON PLAN A/c]**

Particulars	Amount
Balance as per Ledger as on 31.03.2021	3,39,54,957.00
Less: Cheques deposited but not cleared as on 31.03.2021 (Annexure-II)	25,01,200.00
Balance as per Ledger as on 31.03.2021 (After Calculation)	3,14,53,757.00
Balance as per Bank Statement as on 31.03.2021	3,14,53,757.00
Difference	-

**2) CANARA BANK SB A/C NO. 2730101011451**

Particulars	Amount
Balance as per Ledger as on 31.03.2021	5,07,28,264.02
Add: Amount credited in Bank but not entered in Cash Book	5,356.00
Add: Amount credited in cash book but not cleared from Bank	33,85,287.00
Less: Cheques deposited but not cleared in Bank	19,627.00
Balance as per Ledger as on 31.03.2021 (After Calculation)	5,40,99,280.02
Balance as per Bank Statement as on 31.03.2021	5,40,99,280.02
Difference	-

**3) CANARA BANK SB A/C NO. 2730101011452**

Particulars	Amount
Balance as per Ledger as on 31.03.2021	4,79,04,567.50
Add: Amount credited in cash book but not cleared from Bank	3,74,742.00
Less: Cheques deposited but not cleared in Bank	1,79,601.00
Balance as per Ledger as on 31.03.2021 (After Calculation)	4,80,99,708.50
Balance as per Bank Statement as on 31.03.2021	4,80,99,708.50
Difference	-

**4) CANARA BANK SB A/C NO. 2730101011453**

Particulars	Amount
Balance as per Ledger as on 31.03.2021	19,44,504.00
Add: Amount credited in cash book but not cleared from Bank	1,89,99,314.00
Balance as per Ledger as on 31.03.2021 (After Calculation)	2,09,43,718.00
Balance as per Bank Statement as on 31.03.2021	2,09,43,718.00
Difference	-

**5) CANARA BANK SB A/C NO. 2730101011925 [SERB Project]**

Particulars	Amount
Balance as per Ledger as on 31.03.2021	1,73,281.00
Add: Amount credited in cash book but not cleared from Bank	30,468.00
Balance as per Ledger as on 31.03.2021 (After Calculation)	2,03,749.00
Balance as per Bank Statement as on 31.03.2021	2,03,749.00
Difference	-



ANNEXURE B:  
Amounts Forwarding Part of Bank Reconciliation Statement  
CANARA BANK 18 A/C NO. 278001300020 (NOM PLAN A/C)

Date	Particulars	Chq. No.	Amount
31.03.2021	Bus Charge (Firm)	240708	1,300.00
31.03.2021	Interest on F&C		25,80,000.00
	<b>TOTAL</b>		<b>25,81,300.00</b>

ANNEXURE C:  
Amounts Forwarding Part of Bank Reconciliation Statement  
CANARA BANK 28 A/C NO. 279001800165 (KUMAR, HZAR DRS-5)

Date	Particulars	Chq. No.	Amount
15.01.2021	PAID TO BANK	347134	5,354.00
	<b>TOTAL</b>		<b>5,354.00</b>

Amount credited in cash book but not cleared from Bank

Date	Particulars	Chq. No.	Amount
31.03.2021	Canara Bank Year End Fund (278001300020)	240708	25,81,300.00
31.03.2021	PAID TO BANK	240708	2,20,000.00
31.03.2021	Bus Charge (Firm)	240708	1,300.00
	<b>TOTAL</b>		<b>23,60,599.00</b>

Cheque deposit but not cleared in Bank

Date	Particulars	Chq. No.	Amount
30.12.2020	A.S. Prasad's Advance	71121	2,781.00
31.03.2021	Advances (Firm)	61254	13,512.00
31.03.2021	PAID TO BANK	72009	1,511.00
	<b>TOTAL</b>		<b>13,002.00</b>

ANNEXURE D:  
Amounts Forwarding Part of Bank Reconciliation Statement  
CANARA BANK 50 A/C NO. 278001300162 (Subby-04-30)

Date	Particulars	Chq. No.	Amount
31.03.2021	PAID TO BANK	61254	1,511.00
	<b>TOTAL</b>		<b>1,511.00</b>

Date	Particulars	Chq. No.	Amount
30.03.2021	Advances (Firm)	61254	1,511.00
30.03.2021	Advances (Firm)	61254	1,511.00
31.03.2021	PAID TO BANK	72009	1,511.00
31.03.2021	Advances (Firm)	61254	1,511.00
31.03.2021	Advances (Firm)	61254	1,511.00
31.03.2021	Advances (Firm)	61254	1,511.00
	<b>TOTAL</b>		<b>1,511.00</b>



# **NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY, RANCHI**

A Centrally Funded Technical Institute Under Ministry of Education, Govt. of India



## **STATEMENT OF ACCOUNTS FOR GENERAL PROVIDENT FUND FOR THE FINANCIAL YEAR 2020-21**

(As per Revised Formats of Financial Statements for Central Higher Educational Institutions)

Audited by:

M/s. Manmohan Singh & Co.

(Chartered Accountant)

Ranchi



# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCHI-834003

GENERAL PROVIDENT FUND ACCOUNT

BALANCE SHEET AS AT 31st MARCH, 2021

Previous Year 2019-20	Liabilities	Current Year 2020-21	Previous Year 2019-20	Assets	Current Year 2020-21
9,88,21,196.00	GPF Opening Balance Add: Subscription Add: Advances Recovered Less: Withdrawals Less: GPF Final settlement Add: Interest Credited Closing Balance	11,55,45,129.00 9,88,21,196.00 2,27,48,876.00 - 92,30,000.00 40,25,609.00 71,30,666.00 11,55,45,129.00	8,06,15,974.00	Investment in Term Deposit 27303070000001/3 2730401001442/8 2730401001442/5 2730401001627/5 2730401001848/8 27304010021217/6 27304010021218/6	84,47,148.00 1,74,01,608.00 1,19,01,895.00 1,74,70,365.00 82,39,923.00 1,07,93,320.00 1,07,93,321.00
1,09,48,190.36	Interest Reserve Opening Balance Less: Excess of Expense over Income Closing Balance	97,26,073.99 1,09,48,190.36 12,22,116.37 97,26,073.99	29,40,249.07	Accrued Interest TDS on FD Interest Cash at Bank	31,57,276.70 4,97,399.00
10,97,69,386.36	Total	12,52,71,202.99	10,97,69,386.36	Comara Bank SB A/c No. 27302010007115	3,65,68,947.29
				Total	12,52,71,202.99

AS INTERNAL AUDITOR

For M/s Mamohan Singh & Co.

Chartered Accountant

CA J. P. Sharma

(Partner)

M.No. 402053



*(Signature)*  
Deputy Registrar

*(Signature)*  
Registrar

**NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY**  
**HATIA, RANCHI-834003**  
**GENERAL PROVIDENT FUND ACCOUNT**  
**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 2021**

Previous Year 2019-20	EXPENDITURE	Current Year 2020-21	Previous Year 2019-20	INCOME	Current Year 2020-21
70,05,979.00	Interest credited to GPF Account	72,30,666.00	47,81,999.07	Interest Earned on Investment Interest received on FDR Add: Interest accrued on 31.03.2021 Less: Interest Accrued on 31.03.2020	49,41,299.86 31,44,981.84 29,40,349.07
72.00	Bank Charges	959.00	3,71,753.00 18,52,298.93	Interest on Saving Bank Account Excess of Expenditure over income adjust From Interest Reserve Account	8,63,476.00 12,22,116.37
70,07,051.00	Total	72,31,625.00	70,07,051.00	Total	72,31,625.00

For M/s Mammoohan Singh & Co.

Chartered Accountants



CA J. P. Sharma  
(Partner)  
M NO. 402655

*(Signature)*  
Deputy Registrar

*(Signature)*  
Director

# NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY

HATIA, RANCHI-834003

GENERAL PROVIDENT FUND ACCOUNT

RECEIPT AND PAYMENT ACCOUNT FOR FINANCIAL YEAR ENDED 31st MARCH 2021

Previous Year 2019-20	RECEIPTS	Current Year 2020-21	Previous Year 2019-20	PAYMENTS	Current Year 2020-21
1,21,49,579.29	Opening Balance Canara Bank SB A/c No. 2730101007115	2,62,13,163.29	80,00,000.00	FD Investment	40,25,609.00
1,49,82,963.00	GPF Subscription	2,27,48,876.00	5,08,592.00	GPF Final Settlement	92,30,000.00
1,10,69,482.00	GPF Advance recovery	-	48,67,000.00	GPF Withdrawal	559.00
10,14,044.00	FD Encashment(30115723633/1.98H)	-	72.60	Bank Charges	
3,72,753.00	Interest on FD Encashment	8,63,476.00		Closing Balance	
	Interest on Saving Bank Account		2,62,13,163.29	Canara Bank SB A/c No. 2730101007115	3,65,68,947.29
3,95,88,827.29	Total	4,98,35,515.29	3,95,88,827.29	Total	4,98,25,515.29

For M/s Manmohan Singh & Co.

Chartered Accountants

CA J.P. Singh

(Partner)

M.No. 42455



*Manmohan Singh*  
Chartered Accountant

*Manmohan Singh*  
Member

**NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY**  
**HATIA, RANCHI-834003**

**GENERAL PROVIDENT FUND ACCOUNT**  
**DETAILS OF TERM DEPOSITS AS ON 31.03.2021**

Sl.	Account Number	Bank	Principal	Interest Accrued	TDS on FD
1	2730307000001/3	CANARA	84,47,148.00	3,62,347.86	27,176.00
2	2730401001442/8	CANARA	1,74,01,608.00	13,31,243.91	81,231.00
3	2730401001442/9	CANARA	1,19,01,895.00	2,42,921.11	18,219.00
4	2730401001627/5	CANARA	1,74,70,365.00	3,06,401.75	22,980.00
5	2730401001848/8	CANARA	82,39,923.00	58,320.00	4,374.00
6	2730401002217/6	CANARA	1,07,93,320.00	5,45,958.02	40,947.00
7	2730401002218/6	CANARA	1,07,93,321.00	5,45,958.05	40,947.00
<b>Total:</b>			<b>8,50,47,580.00</b>	<b>33,93,150.70</b>	<b>2,35,874.00</b>



**NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY**  
HATIA, RANCHI-834003

**Bank Reconciliation Statement as on 31.03.2021**

1) CANARA BANK SB A/C NO. 2730101007115 (NIFT GPF A/C)		
Particulars	Amount	
Balance as per Ledger as on 31.03.2020	3,65,68,947.29	
Balance as per Bank Statement as on 31.03.2020	3,65,68,947.29	
Difference		



# **NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY, RANCHI**

A Centrally Funded Technical Institute Under Ministry of Education, Govt. of India



## **STATEMENT OF ACCOUNTS FOR TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME ACCOUNT FOR THE FINANCIAL YEAR 2020-21**

(As per Revised Formats of Financial Statements for Central Higher Educational Institutions)

Audited by:

M/s. Manmohan Singh & Co.

(Chartered Accountant)

Ranchi



**NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY**  
**HATIA, RANCHI-834003**

**TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME ACCOUNT**

**BALANCE SHEET AS AT 31st MARCH, 2021**

SOURCES OF FUNDS	Schedule	Current Year 2020-21	Previous Year 2019-20
CORPUS/CAPITAL FUND	1	2,15,13,950.36	2,45,34,522.17
	TOTAL	2,15,13,950.36	2,45,34,522.17
APPLICATION OF FUNDS			
FIXED ASSETS	2	1,96,53,712.25	2,26,74,284.06
CURRENT ASSETS	3	7,05,484.11	7,05,484.11
LOANS, ADVANCES & DEPOSITS	4	11,54,754.00	11,54,754.00
	TOTAL	2,15,13,950.36	2,45,34,522.17

**AS INTERNAL AUDITOR**  
**For M/s Manmohan Singh & Co.**



CA J. P. Sharma  
 (Partner)  
 M.NO. 402655

*(Signature)*  
 Deputy Registrar

*(Signature)*  
 Registrar

*(Signature)*  
 Director

**NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY**  
HATIA, RANCHI-834003

**TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME ACCOUNT**

**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31st MARCH, 2021**

INCOME	Schedule	Current Year 2020-21	Previous Year 2019-20
GRANTS	-	-	-
OTHER INCOME	-	-	-
<b>TOTAL(A)</b>		-	-

EXPENDITURE	Schedule	Current Year 2020-21	Previous Year 2019-20
OTHER EXPENSES	-	-	-
DEPRECIATION	2	30,20,571.81	34,39,883.63
<b>TOTAL(B)</b>		30,20,571.81	34,39,883.63
<b>Balance Being Deficit Carried to Capital Fund</b>		<b>(30,20,571.81)</b>	<b>(34,39,883.63)</b>

For M/s Mannohan Singh & Co.

Chartered Accountants

CA J. P. Sharma  
(Partner)  
M.NO. 402655



*(Signature)*  
Deposit Registrar

*(Signature)*  
Director

**NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY**  
HATIA, RANCHI-834003

**TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME ACCOUNT**  
RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31.03.2021

Previous Year 2019-20	RECEIPTS	Current Year 2020-21	Previous Year 2019-20	PAYMENTS	Current Year 2020-21
1,255.00 7,04,229.11	Operating Balances A) Cash Balances B) Bank Balances	1,255.00 7,04,229.11	-	Expenses	-
-	Receipts	-	1,255.00 7,04,229.11	Closing Balances A) Cash Balances B) Bank Balances	1,255.00 7,04,229.11
7,05,484.11		7,05,484.11	7,05,484.11		7,05,484.11

For M/s Manmohan Singh & Co.  
Chartered Accountants



*Chakradhar*  
Deputy Registrar

*Manmohan Singh*  
Director

**SCHEDULE - 1 - CORPUS/CAPITAL FUND**

Particulars	Current Year	Previous Year
Balance at the beginning of the year	2,45,34,522.17	2,79,74,405.80
Add: Contributions towards Corpus/Capital fund	-	-
Add: Grants Received	-	-
Add: Excess of Income over Expenditure transferred from the Income & Expenditure Account	-	-
<b>TOTAL</b>	<b>2,45,34,522.17</b>	<b>2,79,74,405.80</b>
Deduct: Deficit transferred from Income & Expenditure Account	(30,20,571.81)	(34,39,883.63)
<b>Balance at the year end</b>	<b>2,15,13,950.36</b>	<b>2,45,34,522.17</b>



**SCHEDULE - 2 - TEQIP FIXED ASSETS (O.B)**

S.No	Assets Heads	Opening Balance	Additions	Deductions	Total	Depreciation for the Year	Closing Balance
1	2	3	4	5	6	7	8
1	Scientific & Laboratory Equipment	2,26,30,886.95	-	-	2,26,30,886.95	29,77,174.70	1,96,53,712.25
2	Furniture, Fixtures & Fittings	43,397.11	-	-	43,397.11	43,397.11	-
	<b>Total (C)</b>	<b>2,26,74,284.06</b>	<b>-</b>	<b>-</b>	<b>2,26,74,284.06</b>	<b>30,20,571.81</b>	<b>1,96,53,712.25</b>

**SCHEDULE- 3 - CURRENT ASSETS(OB)**

Particulars	Current Year 2020-21	Previous Year 2019-20
1. cash in hand	1,255.00	1,255.00
2. Cash at Bank	7,04,229.11	7,04,229.11
<b>Total</b>	<b>7,05,484.11</b>	<b>7,05,484.11</b>

**SCHEDULE- 4 - LOANS & ADVANCES(OB)**

Particulars	Current Year 2020-21	Previous Year 2019-20
1. M/s Ed.CIL (India) Ltd.	11,23,225.00	11,23,225.00
2. M/s NIFFT	31,529.00	31,529.00
<b>Total</b>	<b>11,54,754.00</b>	<b>11,54,754.00</b>



**NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY  
HATIA, RANCHI-834003**

**SIGNIFICANT ACCOUNTING POLICIES AND NOTES ON ACCOUNTS (FY: 2020-21)**

**A- SIGNIFICANT ACCOUNTING POLICIES**

**A) GENERAL**

The Financial Statement are prepared in three parts i.e. (i) Receipts and Payments Account, (ii) Income and Expenditure Account and (iii) Balance sheet along with other four subsidiary accounts of the Institute viz. NIFFT- General Provident Account, Technical Education Quality Improvement Programme-NIFFT, Ministry of Steel Technical Wing Account-NIFFT and Workshop on Excellence in Manufacturing Account-NIFFT. The Annual Accounts of the Institute for FY 2020-21 are prepared on the revised "Formats of Financial Statements for Central Higher Education Institutions" which is suggested by the Ministry of Human Resource Development, Department of Higher Education, Government of India, Shastri Bhawan, New Delhi vide No. 29-4/2012-IFD dated 17<sup>th</sup> April, 2015.

**SIGNIFICANT ACCOUNTING POLICIES**

**1. Accounting Convention:**

The Annual Accounts are prepared under the historic cost convention and ongoing concern concept, unless otherwise stated, and on Accrual Method of Accounting.

**2. Revenue Recognition:**

- (i) The Institute is funded by the Ministry of Human Resource & Development (MHRD), Govt. of India. The government releases the Grant-in-Aid under two major heads i.e. PLAN and NON-PLAN. Grant-in-aid from Government of India is accounted for in the same financial year for which it is sanctioned by the MHRD, Government of India.
- (ii) The Institute, by way of its own nature/character, generates internal income. The major sources are various fees realized from students, interest earned on investments, consultancy and testing fees and other miscellaneous income. Fee from Students, Sale of Admission forms and realization against discarded/written off assets are accounted for on Cash Basis.
- (iii) Interest on Savings Bank Accounts is accounted for on Cash Basis.
- (iv) Interest on interest bearing advances to staff for house building, vehicles and computers are accounted for on accrual basis in the year of advance even, though the actual recovery of interest in case of house building advances starts after full repayment of principal amount.

**3. Fixed Asset & Depreciation:**

- (i) Fixed assets in case of assets belonging to Account are stated at cost of acquisition less accumulated depreciation thereon & impairment loss, if any. The cost includes inward freight, customs duty, installation charges and other directly attributable expenses related to their acquisition, installation and commissioning as per Rule 292 (1) (a) of GFR.





- (ii) The assets which are unserviceable condemned or out of use are written-off as per the provision given in Rule-124 of General Financial Rules (GFR). Such written-off is given effect in the Balance Sheet only after the issue of final order by the competent authority of the Institute.
- (iii) Patents and copy rights ,E Journals and computer software are grouped under Intangible assets
- (iv) Fixed assets are valued at cost less accumulated depreciation. Depreciation on fixed assets is provided on Straight Line method at the following rates. Depreciation is provided for the whole year on net additions during the year.

Land	0%	Office Equipment	7.5%
Site Development	0%	Audio Visual Equipment	7.5%
Buildings	2%	Computers & Peripherals	20%
Roads & Bridges	2%	Furniture, Fixtures & Fittings	7.5%
Tube wells & Water Supply	2%	Vehicles	10%
Sewerage & Drainage	2%	Lib. Books & Scientific Journals	10%
Electrical Installation and Equipment	5%	Computer Software	40%
Plant & Machinery	5%	E-Journals	40%
Scientific & Laboratory Equipment	8%	Patents	9 Years

- (v) Depreciation is calculated annually at the end of the year.

#### 4. Capital Work-in-Progress:

Deposit works are accounted for as Capital Work-in-Progress on the basis of inputs provided from Central Public Works Department. These are valued at cost. Running bills of contractors are also accounted for as Capital Work-in-Progress till completion. No depreciation is charged on capital work in progress. Secured advances and mobilization advances being in the nature of advances are disclosed separately under the head Loans & Advances.

#### 5. Investments:

Investments represent amount held in the form of fixed deposit/Term Deposit with banks as per the guidelines issued by Government of India / Reserve Bank of India. No investments are made by the Institute in tradable securities. The investments are valued at cost.

#### 6. Corpus/Capital Fund:

The excess of Income over Expenditure over income is added to the Corpus / Capital Fund and the excess of expenditure over income is deducted from Corpus/Capital Fund.

#### 7. Foreign Currency Transactions:

Foreign Currency Transactions are accounted for at the rate of exchange prevailing on the dates of such transactions.



**8. Provisions:**

Known liabilities recognized up to the date of finalization of accounts are provided for.

**9. Income Tax:**

The Institute is exempt from Income Tax as per the Provisions of Section 10(23C)(iii)(ab) of the Income Tax Act 1961. Therefore, no provision for Income Tax is made.

**10. Purchase procedure through Institute's Stores & Purchase Unit:**

Payments made/cheques issued for purchase of consumable and non-consumable stocks against the confirmed Purchase Orders released by Institute's Stores and Purchase Unit are treated as final expenditure.

For M/s Manmohan Singh & Co.  
Chartered Accountants

*option*  
CA J.P. Sharma  
(Partner)  
M.No. 402665  
FRN : 000107N



*[Signature]*  
Deputy Registrar

*[Signature]*  
Registrar

*[Signature]*  
Director

## **B- NOTES ON THE ACCOUNTS**

1. As the General Provident Fund Accounts are owned by members of those Funds and not by the Institution, These Accounts were separated from the Institute Accounts from 01.04.2015. A Receipt & Payments Account, an Income & Expenditure Account (on Accrual Basis) and a Balance Sheet of the General Provident Account have been attached to the Institute Accounts.

2. In the Balance sheet as on 31.03.2021 and the Balance Sheet of earlier years, Fixed Assets Created out of Plan Funds and Non Plan Funds were not exhibited distinctly. The Additions during the Year from 01.04.2020 to 31.3.2021 from Plan and Non Plan Funds and the depreciation on those additions respectively have been exhibited distinctly in Sub Schedules A & B to the main schedule of Fixed Assets (Schedule -3).

3. SBI Bank A/c no -36228721268 Having balance Rs.13,10,662.20 has been treated as bank a/c for the F.Y. 2015-16 but from the Financial Year 2017-18 onwards It has been treated under the head loans, Advances & Deposit. Management has no such explanation regarding the same.

4. SBI online A/c -38979437865 (New) Balance Rs. 26,565.14 (Dr.) is bank account but same has been treated under head Loan and advances during F.Y 2020-21.

4. Expenditure in Foreign Currency  
NIL

5. In the opinion of the management, the current assets, loans, Advances and Deposits have a value on realization in the ordinary course, equal at least to the aggregate amount shown in the Balance Sheet.

6. Previous year's Figures have been regrouped /rearranged wherever found necessary.

7. Schedule 1 to 26 are annexed to and bears an integral part of Balance Sheet as at 31<sup>st</sup> March 2020 and Income and Expenditure account for the year ended on that date.

For M/s Manmohan Singh & Co.  
Chartered Accountants

CA J.P Sharma  
(Partner)



  
Deputy Registrar

  
Registrar

  
Director

M.No. 402665  
FRN : 000107N