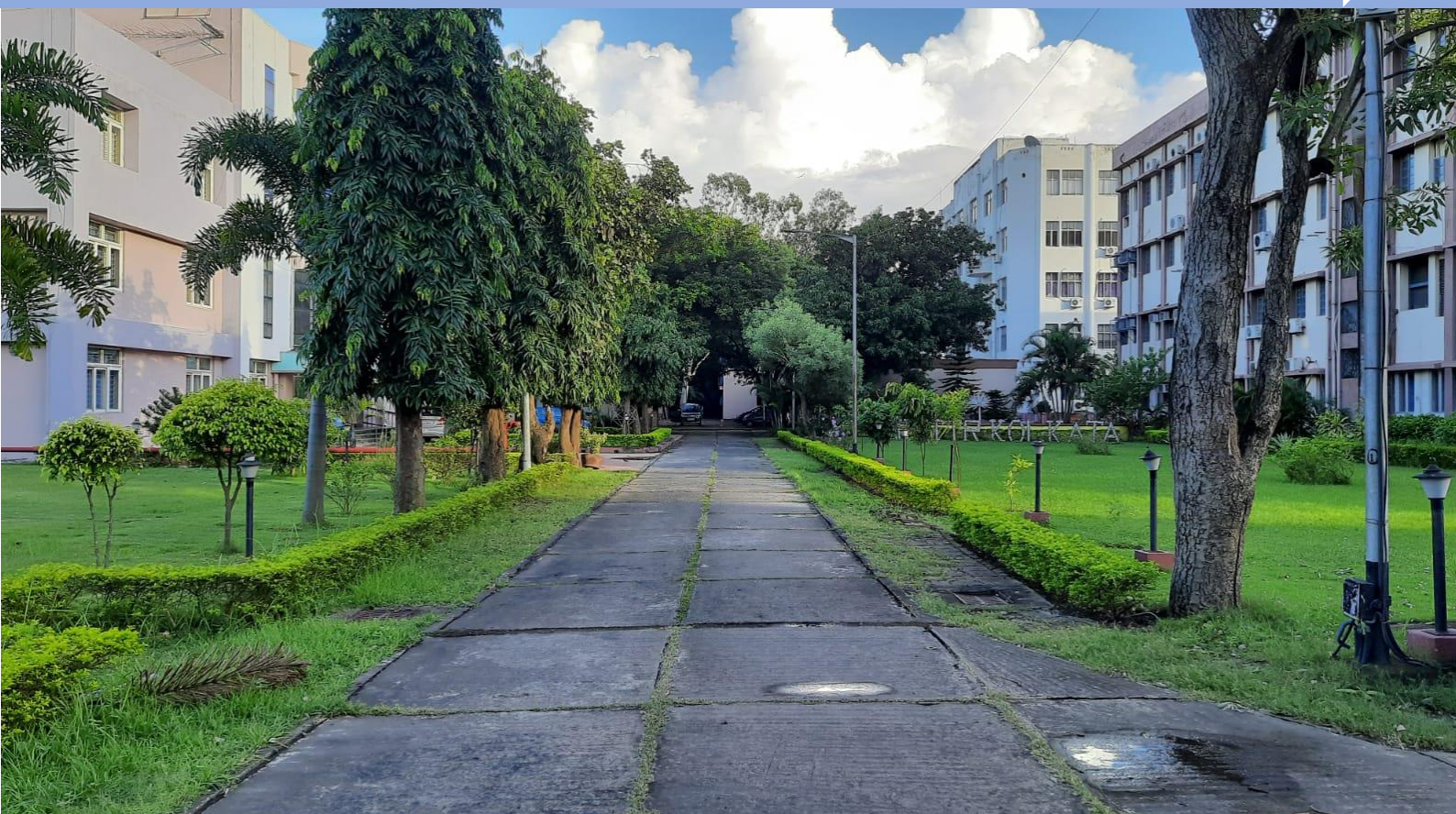


# Annual Report

## 2020-21



**National Institute of Technical Teachers' Training  
and Research, Kolkata**

**(Established by the Ministry of Education, Government of India)**



# Annual Report

## 2020-21



**National Institute of Technical Teachers'  
Training and Research, Kolkata**



# Contents

Sl.	Topic	Page
1.	Vision and Mission.....	1
2.	Director's Message .....	3
3.	About Us.....	5
4.	Objectives of the Institute .....	6
5.	Management .....	7-10
	• NITTTR, Kolkata Society .....	7
	• Board of Governors (BOG) of NITTTR, Kolkata.....	8
	• Finance Committee (FC) of NITTTR, Kolkata .....	9
	• Building & Works Committee (B & WC) of NITTTR, Kolkata.....	9
	• Academic Council (AC) of NITTTR, Kolkata.....	10
	• Dates of Meetings of Various Committees .....	10
6.	Administration .....	11
7.	Achievements .....	12-28
	• Seminars / Conferences / Workshops.....	17
	• Short-Term Training and E-Learning (ICT Mode) Programmes.....	18-23
	• M. Tech. Programmes .....	24-26
	• Educational Video Films .....	27-28
8.	List of Employees .....	29-30
	• Faculty and Officers.....	29
	• Staff Members .....	30
9.	Publications .....	31-36
10.	Raj Bhasha Hindi Diwas and Right To Information Act .....	37
11.	Annual Events .....	38-46
12.	Financials .....	47
13.	Balance Sheet .....	47
14.	Income and Expenditure Account .....	48
15.	Schedules .....	49-78
16.	Receipts and Payments Accounts .....	79-80
17.	Provident Fund Account .....	85-86
18.	Schedules Forming Part of Accounts .....	95-98
19.	Audit Report.....	99-105
20.	Retirement / Obituary .....	106



## Vision

NITTTR, Kolkata envisions to be the lead resource institute for promoting excellence in technical education, management education and vocational education & training system.

## Mission

- To introduce emerging scientific technologies for development of effective teaching-learning system in technical education.
- To increase the outreach of training by adopting flexible & open learning technology.
- To integrate the World of Work with the Technical Education System.
- To assist policy makers as a think tank in formulating TVET strategies.
- To offer extension services and consultancy appropriate to TVET system, in collaboration with industry and community partnership.
- To develop and introduce Quality Management System.
- To share experience and collaborate with national and international agencies involved in technical education for mutual benefits.
- To undertake research in different areas of TVET system





## Director's Message



*Namaskar, I feel pleased in submitting the annual report of NITTTR Kolkata for the financial year 2020-21 for kind perusal and consideration of the honourable stakeholders of our Institute. The report contains institutional achievement inter alia the financial statements cast in formats approved by the Ministry of Education, Govt. of India.*

*In 2020-21, the Institute conducted 305 short term training programs on different technical and managerial subjects both on contact mode and ICT mode. These programmes were attended by 15687 Trainees engaged in teaching in various polytechnic and engineering degree colleges located across the country.*

*Further, the Institute conducted 8 workshops/seminars on different topics related to Regional Workshops and National Seminars, in which there were 5337 participants.*

*Institute do offers full time M.Tech. courses in Manufacturing Technology, Mechatronics Engineering, Multimedia and Software Systems and Structural Engineering. In this year, 29 students received their M.Tech degrees. The exemplary research work conducted by faculty members and students and have culminated in publication of several papers.*

*In order to create common platform to determine the actual needs of the North Eastern states and to make desired future plan, the Institute conducted 6<sup>th</sup> Regional Workshop on "Technical Education System of Polytechnics Focusing on North Eastern States" on 5<sup>th</sup> October, 2020 conducted through online mode which was attended by Principals of Polytechnic from the North-Eastern Region, Directors of Technical Education of different North Eastern States and industry officials.*

*Faculty members published 71 papers in reputed journals and conferences and 9 book chapters. Further, 22 nos. educational video films for the nationwide broadcast by the Gyan Darshan Channel of Doordarshan and 88 nos. video films for MOOC courses.*

*Besides all these events, the Institute celebrated successfully several events namely Raj Bhasha Hindi Diwas, International Yoga Day, 74<sup>th</sup> Independence Day, Teachers' Day, Swachhata Pakhwada, International Literacy Day, National Eligibility Cum Entrance Test (UG), Fit India Programme, Energy Literacy Drive by NITTTR Kolkata in collaboration with Swaraj Energy Foundation, Observance of Vigilance Awareness Week, National Seminar on Ancient Indian Education System, Orientation Training Programme on National Initiative for Teacher Technical Training, Celebration of Constitution Day, 57<sup>th</sup> Foundation Day of the Institute, Parakram Divas, Republic Day, Martyrs' Day, Matribhasha Divas (21<sup>st</sup> February 2021)*

*I take this opportunity to solicit cooperation and active participation from all the stakeholders of the Institute to our endeavour of repositioning ourselves in both national and international arena successfully. Last but not the least, we will usher a new horizon in technical education system of India, working together as a synergic team. Let all be happy, let all be healthy, let all feel auspiciousness, let no one be overwhelmed by brief.*

ॐ सर्वे भवन्तु सुखिनः

सर्वे सन्तु निरामयाः।

सर्वे भद्राणि पश्यन्तु मा कश्चिद्दुःखभाग्भवेत्।

ॐ शान्तिः शान्तिः शान्तिः॥

**(Debi Prasad Mishra)**

Director, National Institute of Technical Teachers' Training and Research, Kolkata,

Email: [director@nitttrkol.ac.in](mailto:director@nitttrkol.ac.in)



## About Us

National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata was established in 1965 as Technical Teachers' Training Institute (TTTI), Calcutta at the premises of Jnan Chandra Ghosh Polytechnic, Calcutta. This was the first of four such regional Institutes (other three being at Chandigarh, Bhopal and Chennai) established by then Department of Education, Govt. of India as fully centrally funded autonomous institution. Since 1980, the Institute is located at Salt Lake City.



The primary focus of the Institute is to provide in-service training to the teachers and staff of Degree and Diploma level technical institutions and conduct activities related to the quality improvement of the technical education system of the country. NITTTR, Kolkata has been actively involved in improvement of quality of the technical education system in

various states including those in the north-east through innovative academic interventions, providing assistance to policy makers at the national and state levels, in formulation of educational plans, projects and their implementation in the fast changing scenario. The Institute has also established two extension centres at Guwahati (in 1999) and at Bhubaneswar (in 2000) for reaching out to its clients in North-Eastern states and Odisha respectively. By virtue of working closely over the last few decades, this institute has developed a thorough understanding of the technical educational needs of the states in the eastern region including those in the North-east. In recognition of its contribution towards development of excellence in the technical education system, Government of India, in October 2003, accorded National status to the Institute along with its 3 sister institutes located at Chandigarh, Bhopal & Chennai and renamed them as National Institute of Technical Teachers' Training & Research, Kolkata, Chandigarh, Bhopal and Chennai respectively.

Some of the notable national level projects in which the Institute is associated are Nodal agency to Centrally Sponsored Community Development through Polytechnic Scheme, Designing & conducting AICTE sponsored "Induction Training Programme" for fresh teachers of engineering colleges and polytechnics, facilitating implementation of centrally sponsored Scheme for Integrating Persons with Disabilities (PWD) in the Mainstream of Technical & Vocational Education etc.

The focal activities of the Institute are Short Term Training, Curriculum Development, Learning Resources Development, Research in the field of Technical Education System, Educational Management and Extension Services. Besides regular activities, the Institute has been offering, since 2003, AICTE approved M. Tech. Degree Programme in 'Manufacturing Technology', affiliated to Maulana Abul Kalam Azad University of Technology, West Bengal (earlier known as WBUT). During 2005-2006 two more M. Tech. Programmes namely 'Multimedia & Software Systems' and 'Mechatronics' Engineering were started. The M. Tech. Programme in 'Structural Engineering' has been introduced since 2011-2012. The Institute has highly qualified faculty and excellent infrastructural support in the form of well-equipped laboratories, Integrated Computer Centre (ICC), Library Welding Centre, CAD/CAM centre and other resources. At present this Institution is focusing among others, Technical Teachers' Training through ICT Mode.

## OBJECTIVES

The objectives of the Institute include:

- To act as a centre for offering quality training programmes for teachers as per need of the client system, covering the entire gamut of technical, vocational and management education, at regional as also at national levels.
- To arrange for hands-on training to technical teachers in industries on a cooperative education plan.
- To undertake systematic research to provide input to develop technical education systems and their management.
- To undertake action research to develop innovative methods, processes and practices for improvement of teaching-learning environment in technical and vocational education.
- To design instructional system and strategies to produce multimedia learning materials.
- To develop and disseminate learning resources like Textbooks, Laboratory Manuals, Video Programmes, Computer Assisted Instructional Multimedia packages to technical and vocational institutions and other organisations.
- To offer programmes for technical and vocational teachers in distance learning mode using state-of-the-art technologies.
- To offer courses / programmes for technical and vocational teachers to suit overseas demand specially SAARC & ASEAN countries.
- To collaborate with Community and Industry in organizing Continuing and Non-formal education programmes and providing extension and consultancy services.
- To undertake Consultancy work for industry, technical institutions/ organization.
- To provide support services on GOI schemes on technical and vocational education system and as entrusted by Ministry of Education, GOI, from time to time.
- To cooperate with educational or other institutions in any part of the world having objects wholly or partially similar to those of the institute by exchange of teachers and scholars and generally in such manner as may be conducive to their common objects.

## Management

NITTTR, Kolkata is an autonomous organization of the Government of India. Responsibility for direction and control of the affairs of the Institute is vested in the Board of Governors. The Board functions through its standing committees – the Finance Committee, the Buildings & Works Committee and other committees. The composition of the Board of Governors and its standing committees in 2020-21 is as follows:

### List of Members of NITTTR, Kolkata Society

S. No.	Name and Address	Designation
1	Shri Harshavardhan Neotia Chairman & CEO Ambuja Neotia Group	Chairman
2	Joint Secretary to the Government of India Ministry of Education, Dept. of Higher Education	Member
3	Joint Secretary and Financial Adviser to the Government of India IFD, Ministry of Education, Department of Higher Education	Member
4	Dr. Venkappayya R Desai Professor Department of Civil Engineering Indian Institute of Technology, Kharagpur	Member (Representative of AICTE) (w.e.f. 10/09/2020)
5	Director Department of Technical Education Government of Assam	Member
6	Director Department of Science & Technology Government of Jharkhand	Member
7	Director Department of Technical Education Government of Manipur	Member
8	Director Department of Technical Education Govt. of Uttar Pradesh	Member
9	Director Department of Technical Education Govt. of Haryana	Member
10	Vice Chancellor Maulana Abul Kalam Azad University of Technology Government of West Bengal	Member
11	Director NITTTR, Kolkata	Member Secretary

**List of Members of Board of Governors, NITTTR, Kolkata**

S. No.	Name and Address	Designation
1	Shri Harshavardhan Neotia Chairman & CEO Ambuja Neotia Group	Chairman
2	Joint Secretary to the Government of India Ministry of Education, Dept. of Higher Education	Member
3	Joint Secretary and Financial Adviser to the Government of India IFD, Ministry of Education Department of Higher Education	Member
4	Dr. Venkappayya R Desai Professor Department of Civil Engineering Indian Institute of Technology, Kharagpur	Member (Representative of AICTE) (w.e.f. 10/09/2020)
5	Director Department of Technical Education Government. of Assam	Member
6	Director Department of Science & Technology Govt. of Jharkhand	Member
7	Director Department of Technical Education Government of Manipur	Member
8	Director Department of Technical Education Govt. of Uttar Pradesh	Member
9	Director Department of Technical Education Govt. of Haryana	Member
10	Vice Chancellor Maulana Abul Kalam Azad University of Technology Government of West Bengal	Member
11	Prof. Virendra Kumar Tewari Director IIT, Kharagpur	Member
13	Prof. Jagat Jyoti Mondal (From 25/12/2020) Professor, Civil Engineering NITTTR, Kolkata	Member
	Prof. Prasanta Sarkar (From 26/12/2020) Professor, Electrical Engineering NITTTR, Kolkata	Member
14	Director NITTTR, Kolkata	Member Secretary

**List of Members of Finance Committee, NITTTR, Kolkata**

S. No.	Name and Address	Designation
1	Shri Harshavardhan Neotia Chairman & CEO Ambuja Neotia Group	Chairman
2	Joint Secretary to the Government of India Ministry of Education, Dept. of Higher Education	Member
3	Joint Secretary and Financial Adviser to the Government of India IFD, Ministry of Education Department of Higher Education	Member
4	Director Department of Technical Education Government. of Assam	Member
5	Director NITTTR, Kolkata	Member Secretary

**List of Members of Building and Works Committee, NITTTR, Kolkata**  
(upto 29<sup>th</sup> March 2021)

Sl. No	Name & Address	Designation
1.	Chief Engineer, EZ-III, CPWD, ER	Chairman
2.	Director of Technical Education, Government of Jharkhand	Member
3.	Executive Engineer, KCD-V, CPWD, ER	Member
5.	Group General Manager, RITES, Regional Office, Kolkata	Member
6.	Head, Civil Engineering, NITTTR, Kolkata	Member, Ex-officio
7.	FIC, Estate of the Institute	Member, Ex-officio
8.	Director, NITTTR, Kolkata	Member Secretary

**List of Members of Building and Works Committee, NITTTR, Kolkata**  
(w.e.f 30<sup>th</sup> March 2020)

Sl. No.	Category	Designation
1.	The Director, NITTTR, Kolkata	Chairman (Ex-officio)
2.	The Executive Engineer, KCD-V, CPWD, ER	Member
3.	Shri Amitava Pal, Deputy Chief Engineer (Civil) Kolkata Municipal Corporation 5, S N Banerjee Road, Kolkata-700013	Member
4.	Shri Somendra Banerjee, Superintending Engineer Social Sector, PWD, Government of West Bengal New Secretariat Building 1 Kiran Sankar Roy Road, Kolkata-700 001	Member
5.	Shri Debojit Dasgupta, Executive Engineer (PWD Electrical Division), Government of West Bengal 5th Cross Road, DF Block, Sector-I Bidhannagar, Kolkata-700 064	Member
6.	The Estate Officer of the Institute	Member Secretary (Ex-officio)



**List of Members of Academic Council, NITTTR, Kolkata**

Sl. No.	Name	Designation
1.	Dr. Debi Prasad Mishra, Director	Ex-Officio Chairman
2.	Dr. Pradeep Kumar Mishra, Vice Chancellor Jharkhand University of Technology, Ranchi	External Member
3.	Dr. Urmila Kar, Professor	Secretary
4.	Dr. Prasanta Sarkar, Professor	Member
5.	Dr. Subrata Chattopadhyay, Professor	Member
6.	Dr. Soumitra Kumar Mandal, Professor	Member
7.	Dr. Samir Roy, Professor	Secretary
8.	Dr. Ranjan Dasgupta, Professor	Member
9.	Dr. Chandan Chakraborty, Professor	Member
10.	Dr. Dipankar Bose, Professor	Member
11.	Dr. Samiran Mandal, Professor	Member
12.	Dr. Udai Chand Kumar, Professor	Member
13.	Dr. Jagat Jyoti Mandal, Professor	Member
14.	Dr. Santanu Bhanja, Professor	Member
15.	Dr. Sailendra Nath Mandal, Professor	Member
16.	Dr. Subrata Mondal, Associate Professor	Nominated Member
17.	Dr. Rayapati Subbarao, Associate Professor	Nominated Member
18.	Dr. Indrajit Saha, Assistant Professor	Nominated Member
19.	Dr. Arpan Kumar Mondal, Assistant Professor	Nominated Member

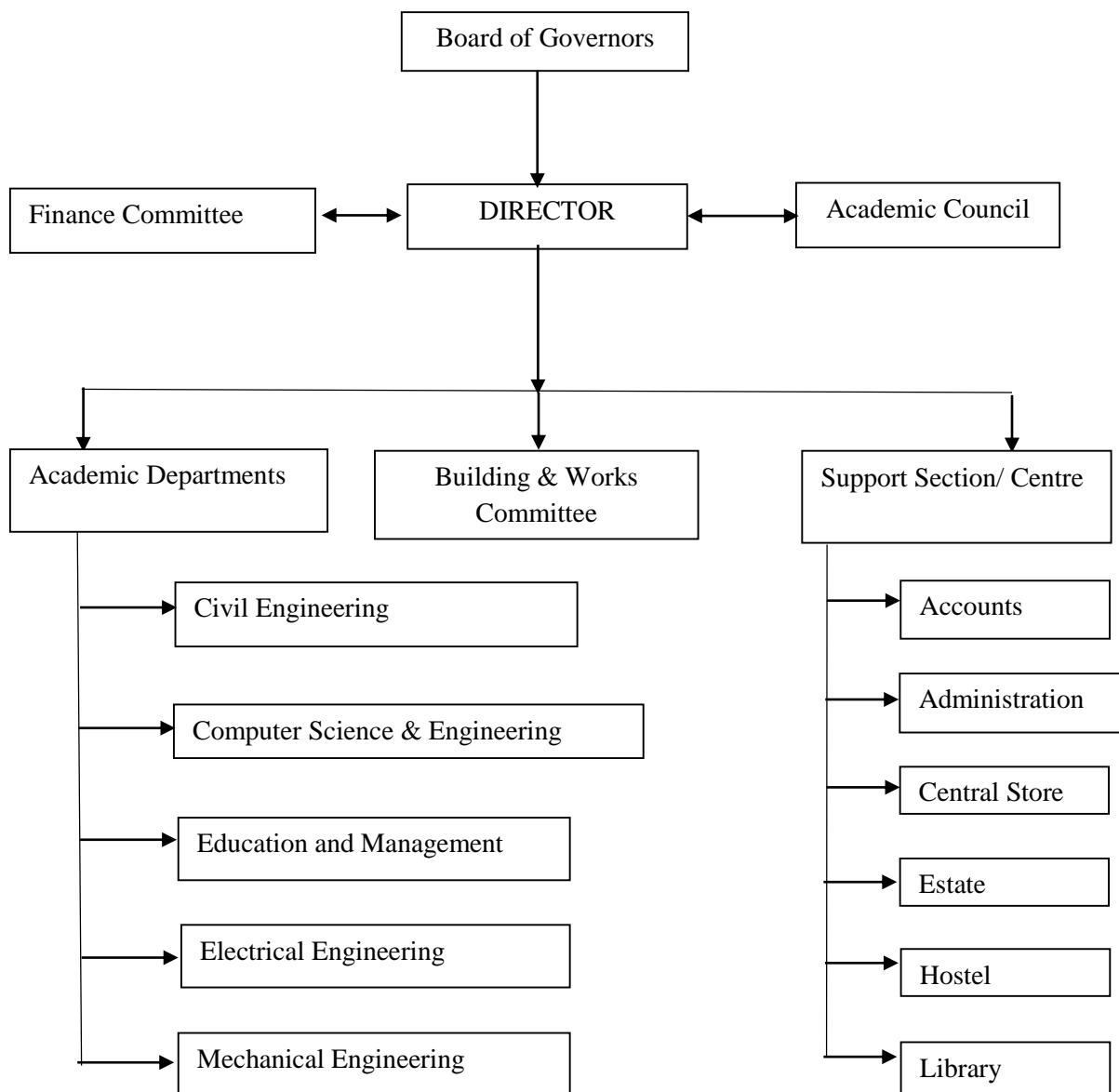
**Dates of Meetings**

Academic Council Meeting 32 <sup>nd</sup> Meeting on 29 August 2020 33 <sup>rd</sup> Meeting on 23 February 2021	Building & Works Committee Meeting 31 <sup>st</sup> Meeting on 26 August 2020
Finance Committee Meeting 35 <sup>th</sup> Meeting on 1 <sup>st</sup> September 2020 36 <sup>th</sup> Meeting on 25 <sup>th</sup> February 2021	Board of Governors Meeting 38 <sup>th</sup> Meeting on 1 <sup>st</sup> September 2020 39 <sup>th</sup> Meeting on 25 <sup>th</sup> February 2021
Annual General Meeting 20 <sup>th</sup> Meeting on 1 <sup>st</sup> September 2020	



## ADMINISTRATION

The Director is the principal academic and executive officer of the Institute. He is responsible for the proper administration of the Institute and for the imparting of instruction and maintenance of discipline therein. He is assisted in his day to day work by Head of the Departments and the senior faculty members of the Institute. As on 31<sup>st</sup> March 2021, besides the Director, there are 25 faculty members in the Institute. Out of which, there are 13 Professors, 6 Associate Professor and 8 Assistant Professors. Also, the Institute has 1 Group 'A' Officer. Organizational structure of the Institute is given below.



## ACHIEVEMENTS

### Short-Term Training Programmes

During the period (1st April 2020 to 31st March 2021), the Institute has conducted 305, Short-Term (ICT Mode) Programmes to train 15687 faculty members, officers and staff members of various Polytechnics, Engineering Colleges, Universities and other organizations across the country. Table 1 shows summary of various activities (other than M. Tech. Programme) organized by the Institute during said period.

**Table 1: Summary of Target and Achievements**

Sl. No.	Institutional Activities	Parameters	Target (No.)	Achieved (No.)
1.	Education & Training Programmes for Degree & Diploma Level Technical Institutions and Industry	No. of Short Term Training Programmes (Contact Mode)	-	-
		No. of In-House Programme	-	-
		No. of Special Programme	-	-
		No. of Short Term Training Programmes (ICT Mode) as per approved in Academic Calendar	241	305
		<b>TOTAL</b>	<b>241</b>	<b>305</b>
		No. of Participants (Contact Mode)	5500	-
		No. of Participants In-House Programme	-	-
		No. of Participants Special Programme	-	-
		No. of Participants (ICT Mode)	10000	15687
		<b>TOTAL</b>	<b>15500</b>	<b>15687</b>
2.	Curriculum Development/ Curriculum Revision for Diploma Courses	As per Demand	-	22 on process
		No. of Participants	-	-
3.	Instructional Materials Development	Educational Video Films for Gyandarshan Channel	20	20
4.	Seminar/Workshop Organised	Regional Workshop	-	2
		No. of Participants	-	267
		National Seminar / Conference	-	6
		No. of Participants	-	5070
		Curriculum	-	-
		No. of Participants	-	-

Table 2 shows the number of STTPs organized under different modes.

**Table 2: STTP-wise Target & Achieved**

Sl. No.	STTPs	Target	Achieved
1	No. of Short Term Training Programmes	241	305
	<b>Total</b>	<b>241</b>	<b>305</b>

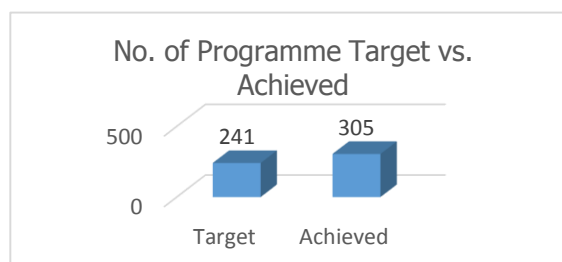
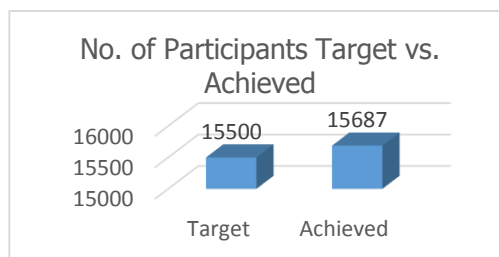


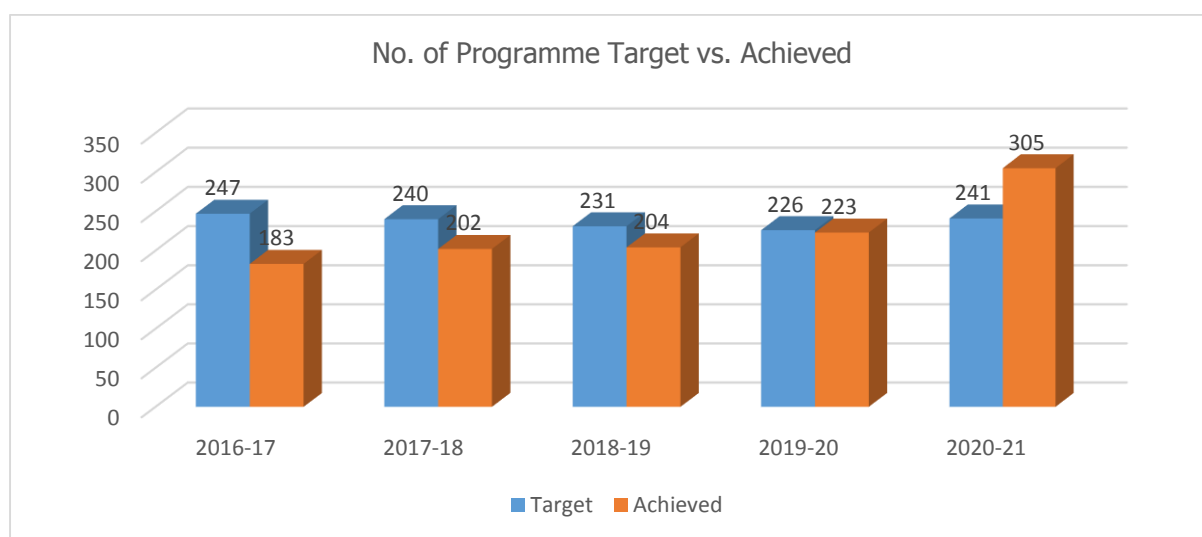
Table 3 provides the information about the number of participants attended STTPs under various modes.

**Table 3: Participant-wise Target & Achieved**

Sl. No.	STTPs	Target	Achieved
1	No. of Participants	15,500	15,687
<b>Total</b>		<b>15,500</b>	<b>15,687</b>

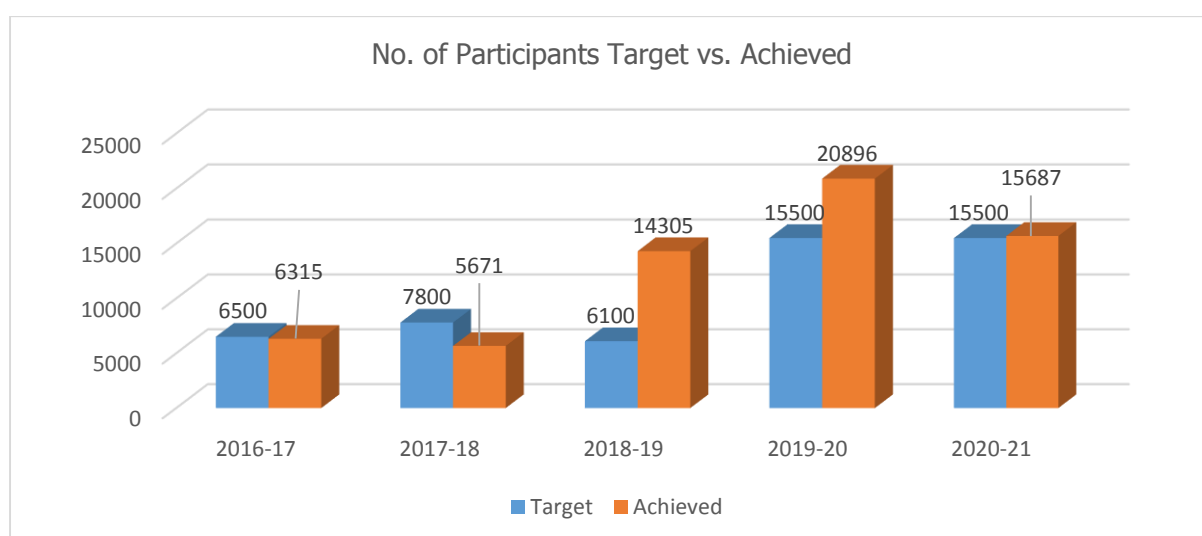


Comparison on the number of STTPs held in last 5 years has been shown in Figure 1.



*Figure 1: No. of STTPs Targeted Vs Achieved in Last 5 years*

Figure 2 shows the comparative study on the number of participants in STTPs held in last 5 years



*Figure 2: No. of Participants in Targeted Vs Achieved in STTPs in last 5 years*

Distribution of the number of STTPs from different types of Institutes (i.e. Engineering and Polytechnics colleges) over last 5 years is given in Figure 5.

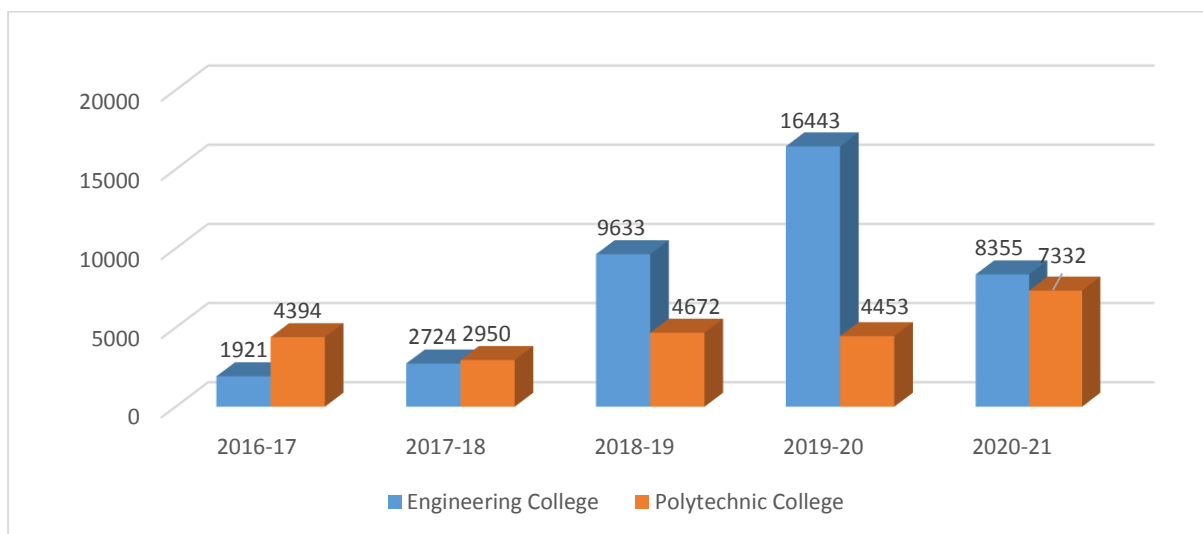


Figure 4: No. of Participants Engineering College Vs Polytechnic College

It has also been found that participation from Private Institutes is more than that from Government Institutes during the Academic Year 2020-21. The distribution is shown in Figure. 5.

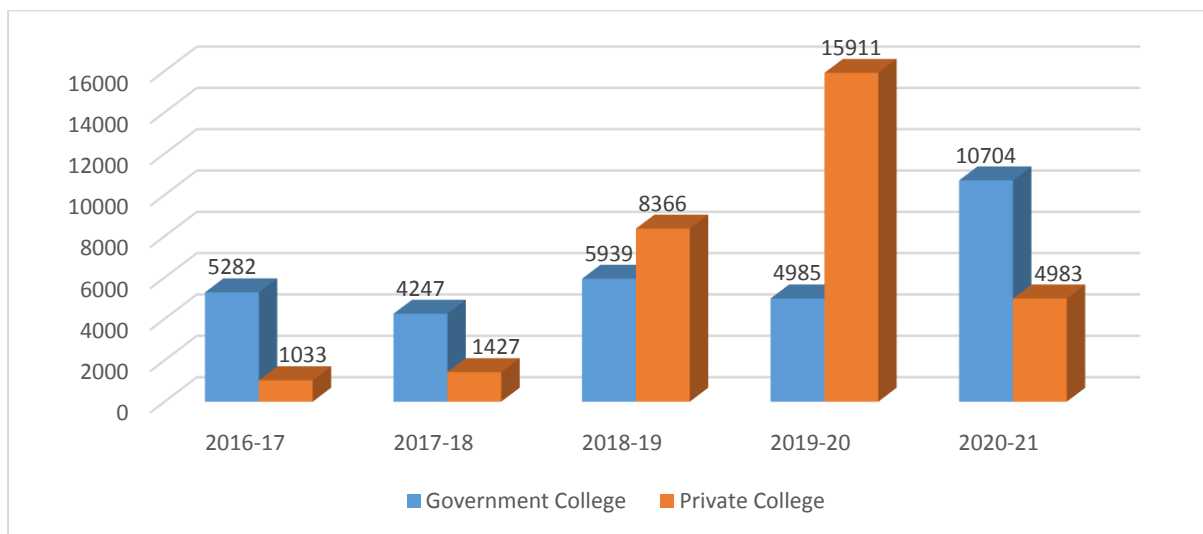
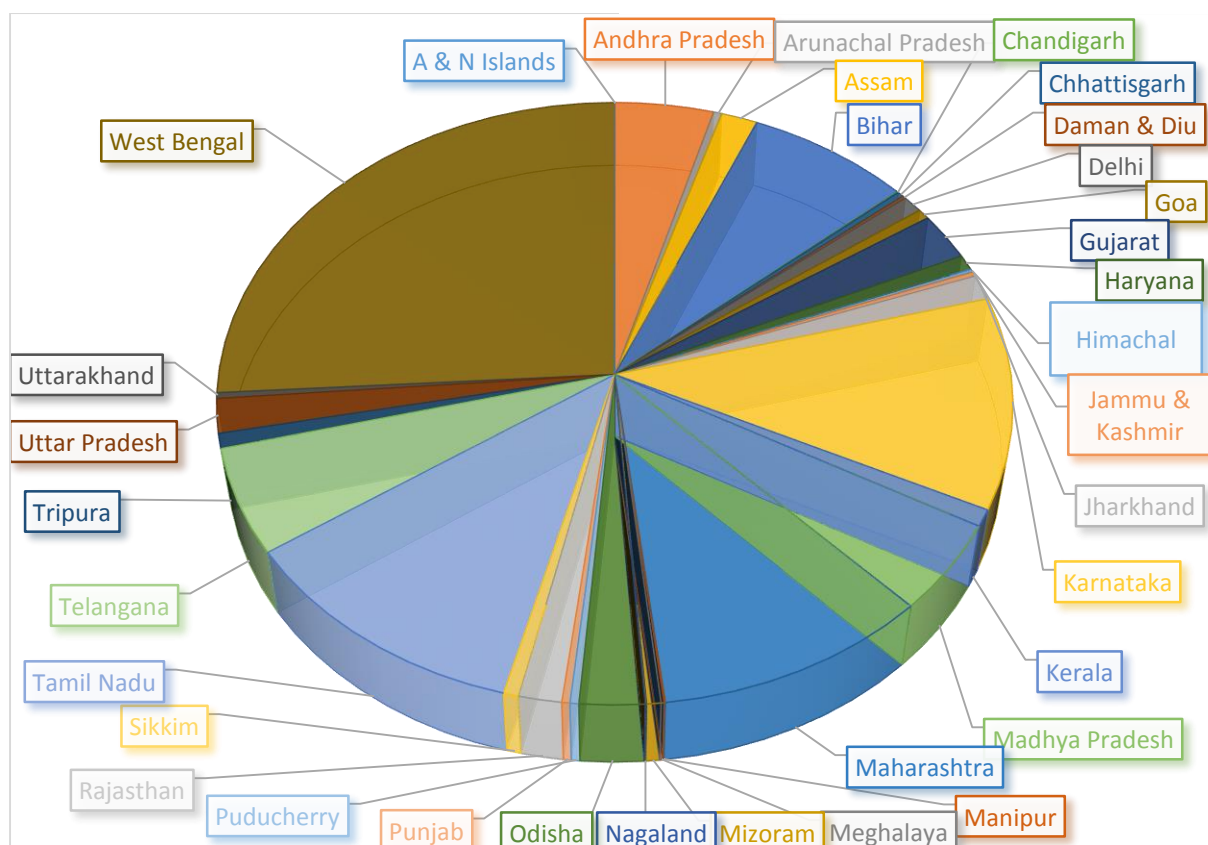


Figure 5: Distribution of Participants from Government Vs Private institutions over Last 5 Years

It can also be noted that Institute has trained 15687 Nos. Participants from 34 Nos. different States and Union Territories. Table 4 and Figure 6 represent the state-wise participation in STTPs:

**Table 4: Summary of Short-Term Training Programmes: State-wise**

Sl. No.	Name of the State	No. of Participants	Sl. No.	Name of the State	No. of Participants
1	A & N Islands	2	18	Delhi	144
2	Arunachal Pradesh	58	19	Goa	86
3	Assam	254	20	Gujarat	400
4	Manipur	7	21	Haryana	130
5	Mizoram	83	22	Himachal Pradesh	26
6	Meghalaya	17	23	Jammu & Kashmir	38
7	Nagaland	8	24	Karnataka	1776
8	Tripura	125	25	Kerala	138
9	Sikkim	86	26	Madhya Pradesh	747
10	Bihar	1149	27	Maharashtra	1628
11	Jharkhand	212	28	Puducherry	51
12	Odisha	377	29	Punjab	47
13	West Bengal	4073	30	Rajasthan	252
14	Andhra Pradesh	690	31	Tamil Nadu	1792
15	Chandigarh	9	32	Telangana	879
16	Chhattisgarh	44	33	Uttar Pradesh	287
17	Daman & Diu	24	34	Uttarakhand	48
			<b>Total</b>		<b>15687</b>

*Figure 6: State-wise Distribution of Participants*

Category-wise participation in the training programmes given in Table 5.

**Table 5: Category-wise Participation in STTPs**

Year	Gen	OBC	SC	ST	Total
2016-17	1270	1270	611	564	3715
2017-18	1167	1167	585	462	3381
2018-19	8177	3886	1476	766	14305
2019-20	13134	4838	1898	1026	20896
2020-21	8374	4783	1895	635	15687

Category-wise distribution of participants for last 5 years has been represented in Figure 7.

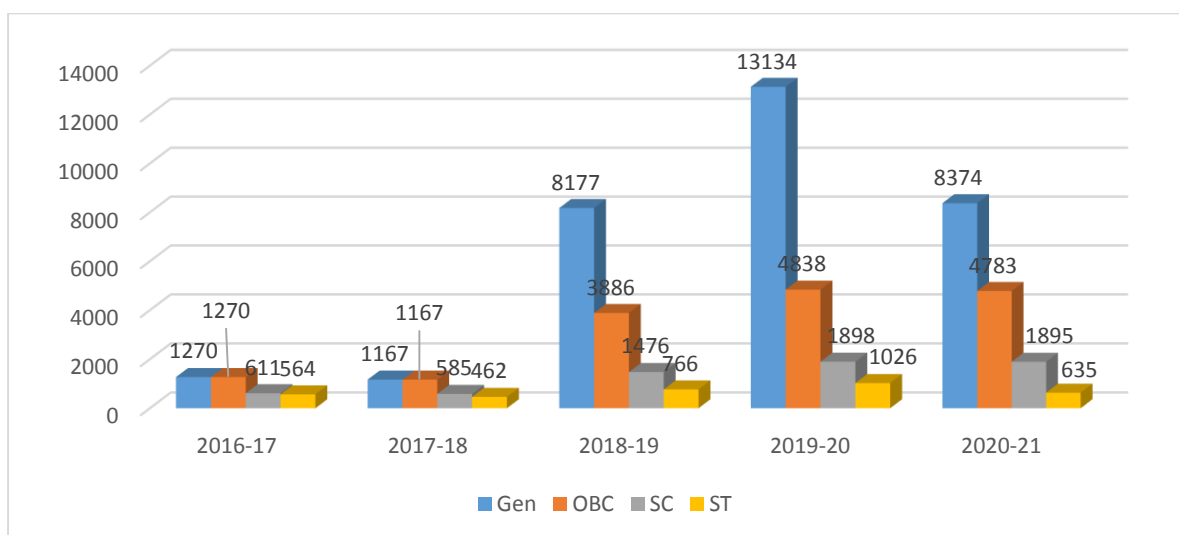


Figure 7: Distribution of Participants under Different Categories during last 5 years

**Table 6: Gender-wise Participation in STTPs**

Year	Male	Female	Total
2016-17	5189	1126	6315
2017-18	4595	1079	5674
2018-19	10880	3425	14305
2019-20	15098	5798	20896
2020-21	11552	4135	15687

Gender-wise distribution of participants for last 5 years has been represented in Figure 8.

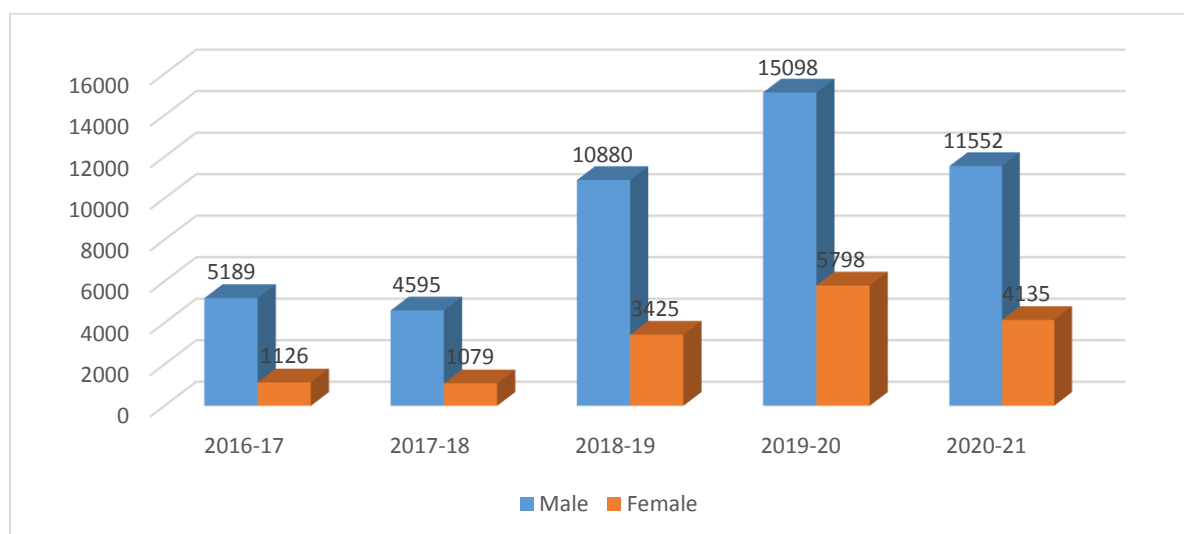


Figure 8: Gender-wise distribution of Participants for last 5 years

### Seminars / Conferences / Workshops

Sl. No.	Name of the Programme	Date	No. of Participants
1	9th National Seminar (web) on Ancient Indian Science and Technology	13/07/2020	1014
2	3rd National Seminar (Web) on Aatmanirbhar Bharat: Environmental Sustainability	15/08/2020	602
3	National Seminar (Web) on Entrepreneurship Development for North Eastern States	19/09/2020	326
4	National Seminar (Web) on Advances in Machining	26/09/2020	575
5	National Seminar (Web) on Ancient Indian Education System	11/11/2020 – 12/11/2020	2542
6	6th Regional Online Workshop on Technical Education System of Polytechnics Focusing on North Eastern States	05/10/2020	140
7	National Conference on Ancient Indian Science Technology, Engineering and Mathematics (AISTEM-2021)	19/03/2021 – 20/03/2021	11
8	Workshop on Revisiting Vision and Mission statements at MIT Academy of Engineering	14/12/2020	127
<b>TOTAL</b>			<b>5337</b>

## Short Term Training Programme (STTP)

Sl. No.	Prog. Code	Programme Title	Programme Co-ordinator	Start Date	End Date	No. of Weeks	No. of Trainees
1.	MGT01	Research Methodology and Intellectual Property Right (IPR)	Chandan Chakraborty	13/04/2020	24/04/2020	2	106
2.	ICT02	Programming in C++ Methodologies	Rajeev Chatterjee & Samir Roy	20/04/2020	24/04/2020	1	58
3.	ICT03	NBA Accreditation and SAR Preparation	Rayapati Subbarao	20/04/2020	24/04/2020	1	76
4.	ICT04	Outcome Based Accreditation and NBA	Urmila Kar	20/04/2020	24/04/2020	1	69
5.	ICT05	Skill Assessment in Laboratory and Guiding Students' Project	Sagarika Pal	20/04/2020	24/04/2020	1	85
6.	ICT03 (II)	NBA Accreditation and SAR Preparation	Rayapati Subbarao	27/04/2020	01/05/2020	1	66
7.	ICT06	Environmental Pollution and Health	Sailendra Nath Mandal	27/04/2020	01/05/2020	1	87
8.	ICT07	Numerical and Statistical Methods with PYTHON	Kinsuk Giri	27/04/2020	01/05/2020	1	74
9.	ICT08	CAD/CAM	Nirmal Kumar Mandal	27/04/2020	01/05/2020	1	67
10.	ICT09	Measurement and Control of Industrial Automation	Sagarika Pal & Subrata Chattopadhyay	27/04/2020	01/05/2020	1	80
11.	ICT10	HRD through Training and Development	Sukanta Kumar Naskar	27/04/2020	01/05/2020	1	75
12.	ICT11	Philosophy of Design as per IS: 456-2000	Santanu Bhanja	27/04/2020	01/05/2020	1	74
13.	ICT12	Network Security	Indrajit Saha	27/04/2020	01/05/2020	1	78
14.	ICT14	Laboratory Safety Management	Subrata Mondal	27/04/2020	01/05/2020	1	77
15.	ICT15	Concept Mapping in Teaching Learning	Samiran Mandal	27/04/2020	01/05/2020	1	78
16.	ICT03 (III)	NBA Accreditation and SAR Preparation	Rayapati Subbarao	04/05/2020	08/05/2020	1	75
17.	ICT07 (II)	Numerical and Statistical Methods with PYTHON	Kinsuk Giri	04/05/2020	08/05/2020	1	62
18.	ICT16	Introduction of Accreditation Mechanism-NBA Approach	Ranjan Dasgupta & Arpan Kumar Mondal	04/05/2020	08/05/2020	1	75
19.	ICT17	Artificial Intelligence	Samir Roy	04/05/2020	08/05/2020	1	73
20.	ICT18	Management of Laboratory and Workshop Classes	Dipankar Bose	04/05/2020	08/05/2020	1	69
21.	ICT27	Refresher course on Analog & Digital Electronics	Soumitra Kumar Mandal	04/05/2020	08/05/2020	1	82
22.	ICT04 (II)	Outcome Based Accreditation and NBA	Urmila Kar	11/05/2020	15/05/2020	1	95
23.	ICT19	Organizational Behaviour	Mithu Dey	11/05/2020	15/05/2020	1	68
24.	CU20	Fluid Power	Dipankar Bose	11/05/2020	15/05/2020	1	85
25.	ICT21	Advanced Welding Processes and Physics of Welding	Arpan Kumar Mondal	11/05/2020	15/05/2020	1	94
26.	CU11	Testing & Purification of Drinking Water and Health	Sailendra Nath Mandal	11/05/2020	22/05/2020	2	162
27.	ICT22	Skill Assessment in Laboratory and Workshop	Dipankar Bose	18/05/2020	22/05/2020	1	58
28.	ICT24	Electricity Act, Rules & Code of Practices	Prasanta Sarkar	18/05/2020	22/05/2020	1	68
29.	ICT29	Research Methodology and Intellectual Property Right (IPR)	Chandan Chakraborty	18/05/2020	22/05/2020	1	98
30.	ICT30	Network Infrastructure and Cloud Security	Shri Rajeev Chatterjee & Dr. Ranjan Dasgupta	18/05/2020	22/05/2020	1	68
31.	PS05	Problem Based Learning	Indrajit Saha, Kinsuk Giri, Sagarika Pal, Arpan Kumar Mondal	18/05/2020	29/05/2020	2	168
32.	ICT13	Induction Training	Sagarika Pal & Subrata Chattopadhyay	25/05/2020	29/05/2020	1	72
33.	ICT25	An Introductory course on Ecology and Environmental Studies	Uday Chand Kumar	25/05/2020	29/05/2020	1	76
34.	ICT26	Evaluating Students' Performance	Habiba Hussain	25/05/2020	29/05/2020	1	68
35.	ICT28	Renewable Energy Sources and Emerging Technologies	Sheela Yadav Rai	25/05/2020	29/05/2020	1	68
36.	ICT33	Power Electronics in Power System	Soumitra Kumar Mandal	25/05/2020	29/05/2020	1	78
37.	GUW04	Choice Based Credit System (CBCS) and Student's Performance Evaluation	Chandan Chakraborty	01/06/2020	05/06/2020	1	88
38.	ICT31	Evaluating Students' Performance	Habiba Hussain	08/06/2020	12/06/2020	1	91
39.	ICT32	Programming and Automation using PLC	Sagarika Pal & Subrata Chattopadhyay	08/06/2020	12/06/2020	1	55
40.	ICT36	Purification of Drinking Water and Health	Sailendra Nath Mandal	08/06/2020	12/06/2020	1	91
41.	ICT37	Development of Laboratory Instruction	Dipankar Bose and Samiran Mandal	08/06/2020	12/06/2020	1	81
42.	PS04	Institutional Development	Sukanta Kumar Naskar	08/06/2020	12/06/2020	1	71
43.	ICT23	Fundamental Concepts of Geotechnical Engineering	Jagat Jyoti Mandal	15/06/2020	19/06/2020	1	78
44.	ICT38	NBA Accreditation and SAR Preparation	Rayapati Subbarao	15/06/2020	19/06/2020	1	75
45.	ICT39	Development of Laboratory Instructions	Nirmal Kumar Mandal	15/06/2020	19/06/2020	1	84
46.	ICT40	Induction Training	Subrata Mondal	15/06/2020	19/06/2020	1	64
47.	ICT41	Machine Learning using MATLAB	Indrajit Saha	15/06/2020	19/06/2020	1	54
48.	ICT42	Artificial Intelligence	Samir Roy	15/06/2020	19/06/2020	1	75
49.	ICT43	Electricity Act, Rules & Code of Practices	Prasanta Sarkar	15/06/2020	19/06/2020	1	86



Sl. No.	Prog. Code	Programme Title	Programme Co-ordinator	Start Date	End Date	No. of Weeks	No. of Trainees
50.	ICT48	Earthquake Resistant Structures	Mithu Dey	15/06/2020	19/06/2020	1	78
51.	ICT44	Concept Teaching in Fluid Mechanics	Dipankar Bose	22/06/2020	26/06/2020	1	77
52.	ICT46	Water and Wastewater Treatment and Health	Sailendra Nath Mandal	22/06/2020	26/06/2020	1	80
53.	ICT47	How to Write Thesis and Research paper	Rayapati Subbarao	22/06/2020	26/06/2020	1	75
54.	PS08	Student Mentorship	Habiba Hussain	22/06/2020	26/06/2020	1	92
55.	ICT49	Short course on IS:456-2000 Interpretation, Application, Limitations and Software Application	Santanu Bhanja	22/06/2020	26/06/2020	1	86
56.	ICT50	Digital System & Programmable Logic Control (PLC)	Soumitra Kumar Mandal	22/06/2020	26/06/2020	1	82
57.	ICT53	Introduction to PYTHON Programming	Kinsuk Giri	22/06/2020	26/06/2020	1	76
58.	ICT45	Probability and Statistics	Chandan Chakraborty	22/06/2020	02/07/2020	2	160
59.	ICT51	Professional Values Ethics and Sustainability Development	Mithu Dey	29/06/2020	03/07/2020	1	90
60.	ICT52	Community Development through Technical Institutes	Uday Chand Kumar	29/06/2020	03/07/2020	1	72
61.	ICT54	Big Data Analytics	Chandan Chakraborty & Kinsuk Giri	06/07/2020	10/07/2020	1	116
62.	ICT55	Concept Teaching in Engineering Mechanics	Jagat Jyoti Mandal , Dipankar Bose & Samiran Mandal	06/07/2020	17/07/2020	2	190
63.	ICT56	Theory of CNC Machines	Nirmal Kumar Mandal	06/07/2020	10/07/2020	1	96
64.	ICT57	Advance Programming in C	Rajeev Chatterjee	06/07/2020	10/07/2020	1	73
65.	ICT58	Introduction of Accreditation Mechanism - NBA Approach	Ranjan Dasgupta & Arpan Kumar Mondal	06/07/2020	10/07/2020	1	116
66.	ICT59	Theory, Operation and Experimentation on Sensors, Transducers & Actuators	Sagarika Pal & Subrata Chattopadhyay	06/07/2020	10/07/2020	1	100
67.	ICT60	Designing Teaching under Outcome Based Education	Urmila Kar	06/07/2020	10/07/2020	1	116
68.	ICT61	Leadership & Team Building in Academia	Habiba Hussain	13/07/2020	17/07/2020	1	158
69.	ICT62	Engineering Capstone Project	Prasanta Sarkar	13/07/2020	17/07/2020	1	100
70.	ICT74	Power Generation from Energy Resources	Sheela Yadav Rai	13/07/2020	17/07/2020	1	67
71.	ICT63	Pattern Recognition: Theory and Applications	Chandan Chakraborty	20/07/2020	24/07/2020	1	125
72.	ICT64	NBA Accreditation and SAR preparation	Rayapati Subbarao	20/07/2020	24/07/2020	1	110
73.	ICT65	Induction Training	Sagarika Pal & Subrata Chattopadhyay	20/07/2020	24/07/2020	1	114
74.	ICT66	Laboratory Experimentation in Engineering Chemistry	Sailendra Nath Mandal	20/07/2020	24/07/2020	1	102
75.	ICT67	Essentials of Strategic Management	Sukanta Kumar Naskar	20/07/2020	24/07/2020	1	106
76.	ICT68	Library Management	Uday Chand Kumar	20/07/2020	24/07/2020	1	102
77.	ICT69	Induction Training - Phase I	Urmila Kar	20/07/2020	24/07/2020	1	76
78.	ICT70	Fundamentals of Network Security	Indrajit Saha	27/07/2020	31/07/2020	1	90
79.	ICT71	Problem Solving with SCILAB	Kinsuk Giri	27/07/2020	31/07/2020	1	51
80.	ICT72	Fundamental and Applications of Nanomaterials	Subrata Mondal	27/07/2020	31/07/2020	1	98
81.	ICT73	Modelling, Analysis and Design of structures using latest version of STAAD	Santanu Bhanja	27/07/2020	31/07/2020	1	108
82.	ICT75	Role of Technical Institutions in Community Development	Sheela Yadav Rai	27/07/2020	31/07/2020	1	55
83.	ICT76	Electrical and Electronics Circuit Analysis using MATLAB	Soumitra Kumar Mandal	27/07/2020	31/07/2020	1	81
84.	ICT77	Fluid Machines	Dipankar Bose	03/08/2020	07/08/2020	1	65
85.	ICT78	Writing Research Proposals	Habiba Hussain	03/08/2020	07/08/2020	1	187
86.	ICT79	Settlement & Bearing Capacity Analysis of Shallow Foundations	Jagat Jyoti Mandal	03/08/2020	07/08/2020	1	91
87.	ICT80	Network Infrastructure and Cloud Security	Rajeev Chatterjee & Ranjan Dasgupta	03/08/2020	07/08/2020	1	58
88.	ICT81	Skill Assessment in Laboratory and Guiding Students'	Sagarika Pal	03/08/2020	07/08/2020	1	86
89.	ICT82	Instructional Planning	Samiran Mandal	03/08/2020	07/08/2020	1	80
90.	ICT83	Induction Training - Phase II	Urmila Kar	03/08/2020	07/08/2020	1	104
91.	ICT84	Estimating & Costing of Non-conventional Energies	Sheela Yadav Rai	10/08/2020	14/08/2020	1	98
92.	ICT85	Data Science with R programming	Chandan Chakraborty	10/08/2020	21/08/2020	2	330
93.	ICT86	Construction Management	Uday Chand Kumar	10/08/2020	14/08/2020	1	82
94.	ICT88	Introduction to IS 1893-2016	Mithu Dey	17/08/2020	21/08/2020	1	42
95.	ICT89	Automated Manufacturing Systems	Nirmal Kumar Mandal	17/08/2020	21/08/2020	1	75
96.	ICT90	How to Write Thesis and Research paper	Rayapati Subbarao	17/08/2020	21/08/2020	1	107
97.	ICT91	PLC Programming and its Applications	Sagarika Pal	17/08/2020	21/08/2020	1	71
98.	ICT92	Environmental Consciousness	Sailendra Nath Mandal	17/08/2020	21/08/2020	1	98
99.	ICT93	Medical Electronics	Subrata Chattopadhyay	17/08/2020	21/08/2020	1	44
100.	ICT94	Effective Training	Sukanta Kumar Naskar	17/08/2020	21/08/2020	1	58
101.	ICT87	Technology Enable Learning	Indrajit Saha	24/08/2020	28/08/2020	1	96
102.	ICT95	Community Development through Technical Institutes	Sheela Yadav Rai	24/08/2020	28/08/2020	1	60

Sl. No.	Prog. Code	Programme Title	Programme Co-ordinator	Start Date	End Date	No. of Weeks	No. of Trainees
103.	ICT96	Application of MATLAB in Engineering	Prasanta Sarkar	24/08/2020	28/08/2020	1	126
104.	ICT97	Design and Analysis of Algorithms	Samir Roy	24/08/2020	28/08/2020	1	104
105.	ICT98	Philosophy of Ductility RCC Design as per IS: 13920-2016	Santanu Bhanja	24/08/2020	28/08/2020	1	66
106.	ICT99	Fundamentals of OBE	Habiba Hussain	31/08/2020	04/09/2020	1	124
107.	ICT100	Introduction to IS 800-2007	Mithu Dey	31/08/2020	04/09/2020	1	55
108.	ICT101	Introduction to Coding Theory	Rajeev Chatterjee	31/08/2020	04/09/2020	1	41
109.	ICT102	Polymer Composites and Nanocomposites	Subrata Mondal	31/08/2020	04/09/2020	1	50
110.	ICT104	Engineering Optimization	Kinsuk Giri	31/08/2020	04/09/2020	1	25
111.	ICT104	Rural Development and Role of Technical Institution	Uday Chand Kumar	07/09/2020	11/09/2020	1	79
112.	ICT105	Outcome Based Accreditation and NBA	Urmila Kar	07/09/2020	11/09/2020	1	24
113.	ICT106	Essentials of Strategic Management	Sukanta Kumar Naskar	07/09/2020	11/09/2020	1	8
114.	ICT107	Industrial Automation using PLC, DCS and SCADA	Sagarika Pal	07/09/2020	11/09/2020	1	21
115.	ICT108	Engineering System Modelling	Nirmal Kumar Mandal	07/09/2020	11/09/2020	1	22
116.	ICT109	NBA Accreditation and SAR Preparation for Engineering Institutes	Rayapati Subbarao	07/09/2020	11/09/2020	1	37
117.	ICT110	Development of Mechanical Engineering Laboratory Experiments and Instruction Sheets	Samiran Mandal	07/09/2020	11/09/2020	1	20
118.	ICT111	Effective Modes of Student Assessment and Evaluation	Dipankar Bose	07/09/2020	11/09/2020	1	20
119.	ICT112	Concepts of Software Engineering	Ranjan Dasgupta & Samir Roy	07/09/2020	11/09/2020	1	22
120.	ICT113	Design & Detailing of Reinforced Concrete Structural Elements	Jagat Jyoti Mandal	07/09/2020	11/09/2020	1	71
121.	ICT114	Control Engineering with MATLAB	Prasanta Sarkar	07/09/2020	11/09/2020	1	18
122.	ICT115	Testing and Health Benefits of Drinking Water	Sailendra Nath Mandal	07/09/2020	18/09/2020	2	334
123.	ICT116	Renewable Energy Sources and Emerging Technologies	Sheela Yadav Rai	07/09/2020	11/09/2020	1	41
124.	ICT117	Advanced Process Control using PLC DCS and SCADA	Subrata Chattopadhyay	07/09/2020	11/09/2020	1	6
125.	ICT118	Linear Control System Analysis and Fuzzy Logic Control Using MATLAB	Soumitra Kumar Mandal	14/09/2020	18/09/2020	1	30
126.	ICT119	Applied Machine Learning	Chandan Chakraborty	14/09/2020	25/09/2020	2	140
127.	ICT120	Application of Software for analysis and Design using IS:456-2000 and IS:13920-2016	Santanu Bhanja	14/09/2020	18/09/2020	1	45
128.	ICT121	AutoCAD for Engineers	Mithu Dey	14/09/2020	18/09/2020	1	62
129.	ICT122	Active Learning under engineering education	Urmila Kar	21/09/2020	25/09/2020	1	40
130.	ICT123	Data Analysis using MATLAB	Indrajit Saha	21/09/2020	25/09/2020	1	15
131.	ICT124	Leadership & team building in academia	Habiba Hussain	21/09/2020	25/09/2020	1	30
132.	ICT125	Essentials of HRM	Sukanta Kumar Naskar	21/09/2020	25/09/2020	1	19
133.	ICT126	Applications of MATLAB in Control System, Image Processing, Fuzzy Logic and GUI	Sagarika Pal	21/09/2020	25/09/2020	1	15
134.	ICT127	Design & Analysis of Algorithms	Samir Roy	21/09/2020	25/09/2020	1	14
135.	ICT128	Power Plant Instrumentation	Subrata Chattopadhyay	21/09/2020	25/09/2020	1	5
136.	ICT129	Thesis and Research paper writing	Rayapati Subbarao	21/09/2020	25/09/2020	1	35
137.	ICT130	Assessment and Evaluation of student's Performance	Samiran Mandal	21/09/2020	25/09/2020	1	35
138.	ICT131	Hydraulics	Dipankar Bose	21/09/2020	25/09/2020	1	21
139.	ICT132	Electricity Rules and Code of Practices	Prasanta Sarkar	21/09/2020	25/09/2020	1	13
140.	ICT133	Introduction to Welding Processes	Arpan Kumar Mondal	21/09/2020	25/09/2020	1	48
141.	ICT134	Power Generation from Energy Resources	Sheela Yadav Rai	21/09/2020	25/09/2020	1	13
142.	ICT136	CNC Machines	Nirmal Kumar Mandal	28/09/2020	02/10/2020	1	52
143.	ICT137	Fundamentals of Network Security	Indrajit Saha	28/09/2020	02/10/2020	1	25
144.	ICT138	Numerical and Statistical Methods with SCILAB	Kinsuk Giri	28/09/2020	02/10/2020	1	26
145.	ICT139	Refresher course on Digital Electronics	Soumitra Kumar Mandal	28/09/2020	02/10/2020	1	48
146.	ICT140	Managing Learning Resources	Uday Chand Kumar	28/09/2020	02/10/2020	1	75
147.	ICT141	Design of Earthquake Resistant RCC Buildings using Fundamental Principles of Limit State Method and beyond	Santanu Bhanja	28/09/2020	02/10/2020	1	53
148.	ICT142	Engineering Metrology	Dipankar Bose	05/10/2020	09/10/2020	1	15
149.	ICT143	Teaching Skill Development	Habiba Hussain	05/10/2020	09/10/2020	1	64
150.	ICT144	Organizational Behaviour	Mithu Dey	05/10/2020	09/10/2020	1	19
151.	ICT145	Measurement and Control for Industrial Automation	Sagarika Pal	05/10/2020	09/10/2020	1	12
152.	ICT146	Introduction to Robotics	Samiran Mandal	05/10/2020	09/10/2020	1	12
153.	ICT147	Development of Laboratory Instruction and Manual	Subrata Mondal	05/10/2020	09/10/2020	1	17
154.	ICT148	ICT Tools for Teaching and Learning	Arpan Kumar Mondal	05/10/2020	16/10/2020	2	220
155.	ICT149	Design and Development of content for e-Learning	Rajeev Chatterjee & Ranjan Dasgupta	05/10/2020	16/10/2020	2	142
156.	ICT150	Induction Training (Phase I and Phase II)	Urmila Kar	05/10/2020	16/10/2020	2	140
157.	ICT151	Introduction to Data Science and Machine Learning	Chandan Chakraborty	12/10/2020	16/10/2020	1	42

Sl. No.	Prog. Code	Programme Title	Programme Co-ordinator	Start Date	End Date	No. of Weeks	No. of Trainees
158.	ICT152	Image Processing using MATLAB	Indrajit Saha	12/10/2020	16/10/2020	1	15
159.	ICT153	Structural Design Aspects of Shallow Foundation	Jagat Jyoti Mandal	12/10/2020	16/10/2020	1	66
160.	ICT154	Engineering Capstone Course	Prasanta Sarkar	12/10/2020	16/10/2020	1	12
161.	ICT155	NBA Accreditation	Rayapati Subbarao	12/10/2020	16/10/2020	1	55
162.	ICT156	Induction Training	Sheela Yadav Rai	12/10/2020	16/10/2020	1	25
163.	ICT157	Utilization of Instructional Media and CAI in Effective Teaching	Subrata Chattopadhyay	12/10/2020	16/10/2020	1	7
164.	ICT158	Occupational Health and Safety	Uday Chand Kumar	12/10/2020	16/10/2020	1	34
165.	ICT159	Advanced Materials Science and Engineering	Subrata Mondal	12/10/2020	16/10/2020	1	16
166.	ICT160	CAD/CAM	Nirmal Kumar Mandal	19/10/2020	23/10/2020	1	67
167.	ICT161	Power Electronics & Power System Using MATLAB	Soumitra Kumar Mandal	19/10/2020	23/10/2020	1	57
168.	ICT162	Modern Office Management	Sukanta Kumar Naskar	19/10/2020	23/10/2020	1	67
169.	ICT163	Professional Ethics and Sustainable Development	Mithu Dey	26/10/2020	31/10/2020	1	127
170.	ICT164	Hybrid Pedagogy	Arpan Kr. Mondal, Indrajit Saha, Sagarika Pal, Kinsuk Giri	02/11/2020	06/11/2020	1	38
171.	ICT165	Analysis and Design of Reinforced Concrete Combined footings	Jagat Jyoti Mandal	02/11/2020	06/11/2020	1	30
172.	ICT166	Development of Laboratory Instruction and Manual	Nirmal Kumar Mandal	02/11/2020	06/11/2020	1	14
173.	ICT167	Student Mentorship	Habiba Hussain	02/11/2020	06/11/2020	1	38
174.	ICT168	Institutional Development	Sukanta Kumar Naskar	02/11/2020	06/11/2020	1	13
175.	ICT169	Induction Training	Uday Chand Kumar	02/11/2020	06/11/2020	1	11
176.	ICT170	Introduction to Automobile Engineering	Samiran Mandal	02/11/2020	06/11/2020	1	10
177.	ICTSPL	NBA Accreditation and SAR Preparation (for the State of Tripura)	Rayapati Subbarao	02/11/2020	06/11/2020	1	20
178.	ICT171	Testing of Drinking Water and Ambient Air	Sailendra Nath Mandal	02/11/2020	13/11/2020	2	150
179.	ICT172	Structural Design of Lateral Load Resisting Elements and their Foundations	Santanu Bhanja	09/11/2020	13/11/2020	1	27
180.	ICT173	Creative Problem Solving, Innovation and Meaningful R & D	Chandan Chakraborty	09/11/2020	13/11/2020	1	43
181.	ICT174	Control System Analysis and Design with MATLAB	Prasanta Sarkar	09/11/2020	13/11/2020	1	24
182.	ICT175	Mobile and Wireless Network	Rajeev Chatterjee	09/11/2020	13/11/2020	1	23
183.	ICT176	Topics on DBMS	Ranjan Dasgupta	09/11/2020	13/11/2020	1	4
184.	ICT177	Programming and Automation using PLC	Sagarika Pal	09/11/2020	13/11/2020	1	17
185.	ICT178	Community Development through Technical Institutes	Sheela Yadav Rai	09/11/2020	13/11/2020	1	17
186.	ICT179	Instructional Planning	Dipankar Bose	09/11/2020	13/11/2020	1	7
187.	ICT180	PLC & LABVIEW Applications in Engineering	Soumitra Kumar Mandal	09/11/2020	13/11/2020	1	9
188.	ICT181	Fundamental and Applications of Nanomaterials	Subrata Mondal	09/11/2020	13/11/2020	1	8
189.	ICT182	Advanced structural analysis and introduction to FEM	Mithu Dey	16/11/2020	20/11/2020	1	14
190.	ICT184	Introduction to PYTHON Programming	Kinsuk Giri	16/11/2020	20/11/2020	1	33
191.	ICT185	Engineering System Modelling	Nirmal Kumar Mandal	16/11/2020	20/11/2020	1	32
192.	ICT186	Artificial Intelligence	Samir Roy	16/11/2020	20/11/2020	1	70
193.	ICT187	Non-conventional Machining Processes	Dipankar Bose	23/11/2020	27/11/2020	1	10
194.	ICT188	Machine Learning and It's Applications	Indrajit Saha	23/11/2020	27/11/2020	1	20
195.	ICT189	An Introductory Course on Geotechnical Engineering	Jagat Jyoti Mandal	23/11/2020	27/11/2020	1	28
196.	ICT190	Structural Analysis using Software	Mithu Dey	23/11/2020	27/11/2020	1	1
197.	ICT191	Problem Solving and Decision Making	Nimal Kumar Mandal & Sukanta Kumar Naskar	23/11/2020	27/11/2020	1	34
198.	ICT193	How to Write Thesis and Research Paper	Rayapati Subbarao	23/11/2020	27/11/2020	1	31
199.	ICT194	Induction Training	Sagarika Pal	23/11/2020	27/11/2020	1	2
200.	ICT195	Estimating & Costing of Non-conventional Energies	Sheela Yadav Rai	23/11/2020	27/11/2020	1	5
201.	ICT196	Solar PV System: Operation & Control	Soumitra Kumar Mandal	23/11/2020	27/11/2020	1	27
202.	ICT197	Power Plant Instrumentation	Subrata Chattopadhyay	23/11/2020	27/11/2020	1	5
203.	ICT199	National Education Policy (NEP) 2020 – Reforms in Higher Education	Urmila Kar	23/11/2020	27/11/2020	1	32
204.	ICT200	Statistics and Data Analysis using SPSS	Chandan Chakraborty	23/11/2020	27/11/2020	1	25
205.	ICT201	Entrepreneurship Development	Subrata Mondal	23/11/2020	27/11/2020	1	2
206.	ICT202	Fundamentals of Surveying	Uday Chand Kumar	23/11/2020	27/11/2020	1	4
207.	ICT203	Design of Earthquake Resistant RC Buildings as per IS:1893 Part 1–2016 and IS:13920-2016	Santanu Bhanja	30/11/2020	04/12/2020	1	32
208.	ICT204	Object Oriented Design & Programming in C++	Rajeev Chatterjee & Samir Roy	30/11/2020	11/12/2020	2	86
209.	ICT205	Problem Based Learning	Arpan Kumar Mondal, Indrajit Saha, Sagarika Pal, Kinsuk Giri	07/12/2020	11/12/2020	1	28

Sl. No.	Prog. Code	Programme Title	Programme Co-ordinator	Start Date	End Date	No. of Weeks	No. of Trainees
210.	ICT206	Research Methodology and its Data Analysis using SPSS	Chandan Chakraborty	07/12/2020	11/12/2020	1	21
211.	ICT207	Application of MATLAB in Engineering	Prasanta Sarkar	07/12/2020	11/12/2020	1	27
212.	ICT208	NBA Accreditation	Rayapati Subbarao	07/12/2020	11/12/2020	1	143
213.	ICT209	Assessment and Evaluation of student's Performance	Samiran Mandal	07/12/2020	11/12/2020	1	9
214.	ICT210	Essentials of HRM	Sukanta Kumar Naskar	07/12/2020	11/12/2020	1	8
215.	ICT211	Research Methodology	Urmila Kar	07/12/2020	11/12/2020	1	21
216.	ICT212	Renewable Energy Sources and Emerging Technologies	Sheela Yadav Rai	07/12/2020	11/12/2020	1	12
217.	SPL02	Outcome Based Education in the context of Online Teaching	Urmila Kar	14/12/2020	17/12/2020	4 Days	127
218.	ICT213	Hydraulics and Pneumatics	Dipankar Bose	14/12/2020	18/12/2020	1	8
219.	ICT214	Pedagogical Communication	Habiba Hussain	14/12/2020	18/12/2020	1	15
220.	ICT215	An Introductory course on Soil Structure Interaction	Jagat Jyoti Mandal	14/12/2020	18/12/2020	1	36
221.	ICT216	Optimization with MATLAB	Nirmal Kumar Mandal	14/12/2020	18/12/2020	1	28
222.	ICT217	Process Control and Automation	Sagarika Pal	14/12/2020	18/12/2020	1	6
223.	ICT218	Wastewater Characterisation and Management	Sailendra Nath Mandal	14/12/2020	18/12/2020	1	7
224.	ICT219	Course on Commentary for Code on Plain and Reinforced Concrete - IS:456-2000 with Amendments	Santanu Bhanja	14/12/2020	18/12/2020	1	4
225.	ICT220	Refresher course on Microprocessors & Microcontrollers	Soumitra Kumar Mandal	14/12/2020	18/12/2020	1	14
226.	ICT221	Laboratory Safety Management	Subrata Mondal	14/12/2020	18/12/2020	1	13
227.	ICT222	HRD through Training and Development	Sukanta Kumar Naskar	14/12/2020	18/12/2020	1	7
228.	ICT223	Disaster Management	Uday Chand Kumar	14/12/2020	18/12/2020	1	7
229.	ICT224	NBA accreditation issues	Arpan Kumar Mondal & Ranjan Dasgupta	14/12/2020	18/12/2020	1	27
230.	ICT225	Network Infrastructure Management	Rajeev Chatterjee	21/12/2020	01/01/2021	2	62
231.	ICT226	Thesis and Research paper writing	Rayapati Subbarao	28/12/2020	01/01/2021	1	38
232.	ICT227	Concept Mapping in Teaching Learning	Samiran Mandal	28/12/2020	01/01/2021	1	28
233.	ICT228	AutoCAD for Engineers	Mithu Dey	28/12/2020	01/01/2021	1	19
234.	ICT229	Utilization of Instructional Media and CAI in Effective Teaching	Subrata Chattopadhyay	28/12/2020	01/01/2021	1	6
235.	ICT230	Induction Training	Sheela Yadav Rai	28/12/2020	01/01/2021	1	15
236.	ICT231	Technology Enabled Learning	Indrajit Saha	04/01/2021	08/01/2021	1	12
237.	ICT232	Outcome Based Curriculum – Design and Implementation	Urmila Kar	04/01/2021	08/01/2021	1	16
238.	ICT233	Choice Based Credit System (CBCS) and Student's Performance Evaluation	Chandan Chakraborty	04/01/2021	08/01/2021	1	12
239.	ICT234	Development of Laboratory Instruction Sheet	Dipankar Bose	04/01/2021	08/01/2021	1	2
240.	ICT235	Effective Teaching	Habiba Hussain	04/01/2021	08/01/2021	1	11
241.	ICT236	Refresher Course in Strength of Material	Jagat Jyoti Mandal	04/01/2021	08/01/2021	1	75
242.	ICT237	Three Dimensional Modelling with AUTOCAD and SOLID WORKS	Nirmal Kumar Mandal	04/01/2021	08/01/2021	1	5
243.	ICT238	Control System analysis and Design with MATLAB	Prasanta Sarkar	04/01/2021	08/01/2021	1	12
244.	ICT239	Analysis and Design of RC Structures using Software as per the latest Indian Standards	Santanu Bhanja	04/01/2021	08/01/2021	1	9
245.	ICT240	Induction Training	Subrata Mondal	04/01/2021	08/01/2021	1	3
246.	ICT241	Rural Development	Uday Chand Kumar	04/01/2021	08/01/2021	1	12
247.	ICT242	Measurement and Experimentation on Sensors, Transducers & Actuators	Sagarika Pal	04/01/2021	08/01/2021	1	9
248.	ICT243	Digital Logic Design using VHDL and Verilog	Soumitra Kumar Mandal	04/01/2021	09/01/2021	1	9
249.	ICT244	Discrete Mathematics	Kinsuk Giri	11/01/2021	15/01/2021	1	4
250.	ICT245	Introduction to Software-Defined Networking (SDN)	Rajeev Chatterjee	11/01/2021	15/01/2021	1	10
251.	ICT246	Topics in Algorithms	Ranjan Dasgupta & Samir Roy	11/01/2021	15/01/2021	1	8
252.	ICT247	Development of Mechanical Engineering Laboratory Experiments and Instruction Sheets	Samiran Mandal	11/01/2021	15/01/2021	1	4
253.	ICT248	Power Generation from Energy Resources	Sheela Yadav Rai	11/01/2021	15/01/2021	1	30
254.	ICT249	Introduction to Welding Processes	Arpan Kumar Mondal	11/01/2021	15/01/2021	1	8
255.	ICT250	Applications of MATLAB in Control System, Image Processing, Fuzzy Logic and GUI	Sagarika Pal	18/01/2021	22/01/2021	1	16
256.	ICT251	Hydraulic Machines	Dipankar Bose	18/01/2021	22/01/2021	1	16
257.	ICT252	Engineering Thermodynamics	Rayapati Subbarao	18/01/2021	22/01/2021	1	20
258.	ICT253	Theory, Operation and Experimentation on Sensors, Transducers & Actuators	Subrata Chattopadhyay	18/01/2021	22/01/2021	1	8
259.	ICT254	Essentials of Strategic Management	Sukanta Kumar Naskar	18/01/2021	22/01/2021	1	197
260.	ICT255	Occupational Health and Safety	Uday Chand Kumar	18/01/2021	22/01/2021	1	8

Sl. No.	Prog. Code	Programme Title	Programme Co-ordinator	Start Date	End Date	No. of Weeks	No. of Trainees
261.	ICT256	Designing Teaching under Outcome Based Education	Urmila Kar	25/01/2021	29/01/2021	1	20
262.	ICT257	Data Analysis using MATLAB	Indrajit Saha	25/01/2021	29/01/2021	1	10
263.	ICT258	Seismic Analysis of Structures as per latest code	Mithu Dey	25/01/2021	29/01/2021	1	3
264.	ICT259	Role of Technical Institutions in Community Development	Sheela Yadav Rai	25/01/2021	29/01/2021	1	11
265.	ICT260	LABVIEW & MATLAB Applications in Electrical & Electronics Engineering	Soumitra Kumar Mandal	25/01/2021	29/01/2021	1	24
266.	ICT261	Environmental Pollution Analysis and Health	Sailendra Nath Mandal	25/01/2021	05/02/2021	2	192
267.	ICT262	Introduction to Automobile Engineering	Samiran Mandal	01/02/2021	05/02/2020	1	7
268.	ICT263	Statistics and Data Mining with SPSS	Chandan Chakraborty	01/02/2021	05/02/2021	1	11
269.	ICT264	Geotechnical Aspects of Deep Foundations	Jagat Jyoti Mandal	01/02/2021	05/02/2021	1	17
270.	ICT265	Programming and Automation using PLC	Sagarika Pal	01/02/2021	05/02/2021	1	6
271.	ICT266	Problem Solving and Decision Making	Sukanta Kumar Naskar	01/02/2021	05/02/2021	1	16
272.	ICT268	NBA Accreditation and SAR preparation	Rayapati Subbarao	08/02/2021	12/02/2021	1	38
273.	ICT269	Advanced Welding Processes	Dipankar Bose	08/02/2021	12/02/2021	1	9
274.	ICT270	Behavioural Aspects in Teaching-Learning	Habiba Hussain	08/02/2021	12/02/2021	1	9
275.	ICT272	Electricity Rules and Code of Practices	Prasanta Sarkar	08/02/2021	12/02/2021	1	14
276.	ICT273	Advanced Course on Analysis and Design of RC Buildings as per IS 1893 Part 1 2016 and IS 13920 2016 with application of Software	Santanu Bhanja	08/02/2021	12/02/2021	1	15
277.	ICT274	Estimating & Costing of Non-conventional Energies	Sheela Yadav Rai	08/02/2021	12/02/2021	1	8
278.	ICT276	Development of Laboratory Instruction and Manual	Subrata Mondal	08/02/2021	12/02/2021	1	7
279.	ICT277	Technology Transfer to the Community through Polytechnic	Uday Chand Kumar	08/02/2021	12/02/2021	1	8
280.	ICT278	Introduction to Advanced Databases	Ranjan Dasgupta	08/02/2021	12/02/2021	1	8
281.	ICT279	Teaching Methodologies	Arpan Kumar Mondal	08/02/2021	12/02/2021	1	14
282.	ICT280	8086 Microprocessor & 8051 Microcontroller	Soumitra Kumar Mandal	15/02/2021	19/02/2021	1	25
283.	ICT281	Quality Assurance through Accreditation (NBA Guidelines)	Urmila Kar	15/02/2021	19/02/2021	1	21
284.	ICT282	Pollution Testing	Sailendra Nath Mandal	15/02/2021	26/02/2021	2	172
285.	ICT283	NBA Accreditation Issues	Arpan Kumar Mondal & Ranjan Dasgupta	22/02/2021	26/02/2021	1	11
286.	ICT284	Designing Question Papers	Habiba Hussain	22/02/2021	26/02/2021	1	13
287.	ICT286	Concept Teaching in Engineering Statics	Jagat Jyoti Mandal	22/02/2021	26/02/2021	1	77
288.	ICT288	Automated Design and Manufacturing	Nirmal Kumar Mandal	22/02/2021	26/02/2021	1	5
289.	ICT289	Skill Assessment in Laboratory and Guiding Students' Project	Sagarika Pal	22/02/2021	26/02/2021	1	6
290.	ICT291	Community Development through Technical Institutes	Sheela Yadav Rai	22/02/2021	26/02/2021	1	8
291.	ICT293	Entrepreneurship Development	Subrata Mondal	22/02/2021	26/02/2021	1	7
292.	ICT295	Mathematical foundation of Computer Science	Samir Roy & Kinsuk Giri	22/02/2021	05/03/2021	2	16
293.	ICT297	How to Write Thesis and Research Paper	Rayapati Subbarao	01/03/2021	05/03/2021	1	18
294.	ICT298	Course on Commentary for Code on Ductility Design and Detailing of RC structures subjected to Seismic Forces - IS 13920 2016	Santanu Bhanja	01/03/2021	05/03/2021	1	10
295.	ICT299	Rural Engineering	Uday Chand Kumar	08/03/2021	12/03/2021	1	10
296.	ICT285	Image Processing using MATLAB	Indrajit Saha	08/03/2021	12/03/2021	1	17
297.	ICT300	Data Science with R programming	Chandan Chakraborty	08/03/2021	12/03/2021	1	13
298.	ICT301	Engineering Capstone Project	Prasanta Sarkar	08/03/2021	12/03/2021	1	7
299.	ICT302	Research Methodology	Samiran Mandal	08/03/2021	12/03/2021	1	16
300.	ICT303	Renewable Energy Sources and Emerging Technologies	Sheela Yadav Rai	08/03/2021	12/03/2021	1	11
301.	ICT304	Photo Voltaic System: Operation & Control	Soumitra Kumar Mandal	08/03/2021	12/03/2021	1	7
302.	ICT306	Guiding Innovative Student Project Work	Dipankar Bose	15/03/2021	19/03/2021	1	4
303.	ICT307	Effective Teaching	Habiba Hussain	15/03/2021	19/03/2021	1	10
304.	ICT308	Elements of Vibration Analysis	Jagat Jyoti Mandal	15/03/2021	19/03/2021	1	33
305.	ICT311	NBA Accreditation and SAR preparation	Rayapati Subbarao	22/03/2021	26/03/2021	1	16

## M. Tech. Programmes

### Student Enrolment Status

Sl. No.	Name of Programme	Students admitted in Nos		
		2020-21 Batch 1 <sup>st</sup> Year	2019-20 Batch 2 <sup>nd</sup> Year	Total
1.	Manufacturing Technology	10	18	28
2.	Mechatronics Engineering	09	09	18
3.	Structural Engineering	08	09	17
4.	Multi Media and Software System	11	01	12
<b>Grand Total :</b>		38	37	75

### Student Distribution under Different Categories

Sl. No.	Name of Programme	No. of Students on Roll							
		2020-21 Batch- 1 <sup>st</sup> Year (Total - nos.)				2019-20 Batch- 2 <sup>nd</sup> Year (Total - nos.)			
		SC	ST	OBC	Minority	SC	ST	OBC	Minority
1.	Manufacturing Technology	1	0	1	1	3	-	3	4
2.	Mechatronics Engineering	0	0	1	1	-	1	1	2
3.	Multi Media and Software System	0	0	0	0	-	-	1	-
4.	Structural Engineering	1	0	2	3	1	1	2	-
<b>Total :</b>		2	0	4	5	4	2	7	6

### Students Performance

Sl. No.	Name of the Department	No. of M.Tech Students Appeared (2018-20)	No. of Students Awarded M.Tech (2018-20)
1.	Manufacturing Technology	9	9
2.	Mechatronics Engineering	14	12
3.	Multi Media and Software System	2	2
4.	Structural Engineering	6	6
<b>Total :</b>		31	29

### List of M. Tech. Thesis

#### Multi Media and Software System

Sl. No.	Name Of Students	Title of Thesis	Name of Supervisor
1.	Ms. Tanuja Bera	A Prevention Method of Denial of Service Attack Through Modified Negative Selection Algorithm in Software Defined Network.	Dr. Ranjan Dasgupta and Mr. Rajeev Chatterjee
2	Shri Tuhin Kumar Biswas	A Novel Approach on Finding Initial Centers for K-Means Clustering based on Empty Circles.	Dr. Kinsuk Giri and Dr. Samir Roy



**Manufacturing Technology**

Sl. No.	Name Of The Student	Thesis Title	Supervisor
1.	Shri Souvik Karmakar	Characterization of a Novel External Heat Assisted Hybrid Friction Stir Welded High Strength Alloy (INCONEL 600 AND AISI304)	Dr. Dipankar Bose and Dr. Arpan Kumar Mondal
2.	Shri Biswajit Ghosh	Characterization of Stainless Steel - Titanium Carbide Composite Surface Prepared by Friction Stir Processing (FSP)	Dr. Dipankar Bose and Dr. Arpan Kumar Mondal
3.	Shri Anirban Hazra	Uncertainty Analysis And Parameter Estimation of Orthogonal Finished Hard Turning of Inconel 718	Mr. Nirmal Kumar Mandal
4.	Shri Shilajit Das	Adaptive Design And Development of a Proof-of-Concept Model of a Hybrid Electric Bicycle Using Morphological Chart	Dr. Samiran Mandal
5.	Shri Najimul Hosen Tarafdar	Correlating Tool Wear And Surface Integrity of a CNC Turning Process Using Naïve Bayes' Classifier, Multinomial Logistic Regression, Support Vector Machine And Artificial Neural Network	Dr. Dipankar Bose and Mr. Nirmal Kumar Mandal
6.	Shri Mukesh Kumar	Experimental Studies on Stainless Steel (Grade 316) Using A-TIG and Pulse A-TIG Welding Methods	Dr. Rayapati Subbarao
7.	Shri Lokesh Sarkar	Fabrication and Characterizations of Hybrid Aluminum Matrix Nanocomposite Reinforced by Nano SiC and Graphene	Dr. Subrata Mondal
8.	Shri Abir Chai	Re-Design of a Tristar Stair Climbing Trolley With Shock Absorbers: an Attempt of Reverse Engineering	Dr. Samiran Mandal
9.	Shri Sridip Sarbabidya	Integrated Model For Supplier Performance Using FAHP TOPSIS	Dr. Sukanta Kumar Naskar

**Mechatronics Engineering**

Sl. No.	Name Of Student	Title of the Dissertation	Name of the Supervisor
1.	Shri Debdeep Bandyopadhyay	Automated Floor Cleaning Robot.	Dr. Soumitra Kumar Mandal
2.	Shri Raunak Mitra	A Unified approach for modelling and control of inverted pendulum system using delta operator	Dr. Prasanta Sarkar
3.	Ms. Sumana Samanta	Classification and weight prediction of Eggs using Image processing and Machine Learning in MATLAB.	Dr. Sagarika Pal

Sl. No.	Name Of Student	Title of the Dissertation	Name of the Supervisor
4.	Shri Pankaj Bhardwaj	Position Control of an object in Conveyor belt System.	Dr. Sheela Yadav Rai
5.	Shri Gopal Krishna Mukerjea	Design and simulation of Synthetic Aperture Rader	Dr. Soumitra Kumar Mandal
6.	Shri Abhik Manna	A Fuzzy self-tuning PID Controller with a derivative Filter for Power control of a full bridge AC-AC Boost converter based Induction Heating system.	Dr. Subrata Chattopadhyay
7.	Shri Avisek Dey	Pressure control system using Arduino.	Dr. Subrata Chattopadhyay
8.	Ms. Moumita Mitra	Recognition and classification of wheat grain using Image Processing and KNN Algorithm	Dr. Sagarika Pal
9.	Ms. Trina Sinha	Development of Soil Moisture Control System using Fuzzy Logic Technology	Dr. Sagarika Pal
10.	Shri Shivam Roy Chowdhury	Analysis and Simulation of Automatic Generation Control for Interconnected Power System.	Dr. Soumitra Kumar Mandal
11.	Shri Ankit Mitra	Design and operation of LLC Resonant Converter.	Dr. Subrata Chattopadhyay
12.	Shri Sukumar Chakraborty	Smart City Agriculture IoT.	Dr. Sheela Yadav Rai
13.	Shri Abdul Rajjak Khan	Design and Development of Stair/step climbing Robot.	Dr. Soumitra Kumar Mandal

### Structural Engineering

Sl. No.	Name Of Students	Title of Thesis	Name of Supervisor
1.	Shri Arnab Sur	Behaviour of rectangular piled raft foundation under uniformity distributed load	Dr. Jagat Jyoti Mandal
2.	Shri Shreya Basu	Effects of Elastic Support on Response building Frame	Dr. Jagat Jyoti Mandal
3.	Sk Abdulla	Comparison between load based Prescriptive method and performance based Design	Prof. Santanu Bhanja
4.	Sk Ainul Bari	Evaluation of responses of different type of Models using shake Table	Prof. Santanu Bhanja
5.	Shri Bijoy Kumar Jha	RCC Design from Prescriptive to Performance based	Prof. Santanu Bhanja
6.	Shri Subhradeep Saha	Non-linear Dynamic analysis of vertically irregular RCC Frames	Mrs. Mithu Dey



## Educational Video Film

Following list of video films has been developed by Learning Resource Centre (LRC), NITTTR, Kolkata and these films have been sent to Gyandarshan TV Channel for telecasting.

S. No.	Name of the Video Film	Contributor/Content Expert
1.	Introduction to Optimisation, P-I	Prof. Nirmal K Mondal
2.	Introduction to Optimisation, P-II	Prof. Nirmal K Mondal
3.	Essentials of stress management, Lecture -V	Dr. Rita Karmakar
4.	Essentials of Stress Management, Lecture-VI	Dr. Rita Karmakar
5.	Problem Based Learning	Dr. Indrajit Saha
6.	N.B.A. Accreditation Process for Polytechnic Institute, P-XII	Dr. Raopati Subba Rao
7.	N.B.A. Accreditation Process for Polytechnic Institute, P-XIII	Dr. Raopati Subba Rao
8.	N.B.A. Accreditation Process for Polytechnic Institute, P-XIV	Dr. Raopati Subba Rao
9.	N.B.A. Accreditation Process for Polytechnic Institute, P-XV	Dr. Raopati Subba Rao
10.	N.B.A. Accreditation Process for Polytechnic Institute, P-XVI	Dr. Raopati Subba Rao
11.	N.B.A. Accreditation Process for Polytechnic Institute, P-XVII	Dr. Raopati Subba Rao
12.	N.B.A. Accreditation Process for Polytechnic Institute, P-XVIII	Dr. Raopati Subba Rao
13.	N.B.A. Accreditation Process for Polytechnic Institute, P-XIX	Dr. Raopati Subba Rao
14.	N.B.A. Accreditation Process for Polytechnic Institute, P-XX	Dr. Raopati Subba Rao
15.	Applied Psychology, P-I	Dr. Rita Karmakar
16.	Applied Psychology. P-II	Dr. Rita Karmakar
17.	Applied Psychology, P-III	Dr. Rita Karmakar
18.	National Education Policy, P-I	Dr. Sukanta Kumar Naskar
19.	National Education Policy, P-II	Dr. Sukanta Kumar Naskar
20.	Rubric for Evaluation for Laboratory Class Based on Bloom's Taxonomy	Dr. Dipankar Bose
21.	Interpersonal Communication, P-I	Dr. Habiba Hussain
22.	Interpersonal Communication, P-II	Dr. Habiba Hussain

Beside the above 22 nos. Educational Video Film, Learning Recourse Centre also produced a total no of 88 (including 2 nos Intro Video) Video of MOOC based program of M09 and M10 as tabulated bellow:

**Essentials of Pedagogy for Technical Teachers, P-I (Module 09):**

Unit	Name of Faculty	No of Video
Unit 1	Dr. Sukanta Kumar Naskar	8
Unit 2	Dr. Urmila Kar	8
Unit 3	Mrs. Mithu De	6
Unit 4	Dr. Chandan Chakraborty	3
Unit 5	Dr. Habiba Hussain	7
Unit 6	Dr. Urmila Kar (9) & Dr. Habiba Hussian (2)	11
<b>Total</b>		<b>44</b>

**Essentials of Pedagogy for Technical Teachers, P-II (Module 09):**

Unit	Name of Faculty	No of Video
Unit 1	Dr. Indrajit Saha	08
Unit 2	Dr. Urmila Kar (7) & Dr. Habiba Hussain (1)	08
Unit 3	Dr. Sagarika Pal	06
Unit 4	Dr. Samiran Mandal (3) & Dr. Samir Roy (4)	07
Unit 5	Dr. Sukanta Kumar Naskar	08
Unit 6	Dr. Samir Roy (5)	05
<b>Total</b>		<b>42</b>

## LIST OF EMPLOYEES

### Director

Debi Prasad Mishra, Ph.D

### Faculty Members and Officers in Position

#### Civil Engineering Department

##### Professor

Jagat Jyoti Mandal, Ph.D  
Sailendra Nath Mandal, Ph.D  
Santanu Bhanja, Ph.D  
Uday Chand Kumar, Ph.D

##### Assistant Professor

Mithu Dey, M.Tech

#### Computer Science & Engineering Department

##### Professor

Chandan Chakraborty, Ph.D  
Ranjan Dasgupta, Ph.D  
Samir Roy, Ph.D

##### Assistant Professor

Indrajit Saha, Ph.D  
Kinsuk Giri, Ph.D  
Rajeev Chatterjee, M.Tech

#### Electrical Engineering Department

##### Professor

Prasanta Sarkar, Ph.D  
Subrata Chattopadhyay, Ph.D  
Soumitra Kumar Mandal, Ph.D

##### Associate Professor

Sagarika Pal, Ph.D

##### Assistant Professor

Sheela Yadav Rai, M.Tech

#### Education and Management Department

##### Professor

Urmila Kar, Ph.D

##### Associate Professor

Habiba Hussain, Ph.D  
Sukanta Kumar Naskar, Ph.D

#### Mechanical Engineering Department

##### Professor

Samiran Mandal, Ph.D  
Dipankar Bose, Ph.D

##### Associate Professor

Nirmal Kumar Mandal, M.Tech  
Rayapati Subharao, Ph.D  
Subrata Mondal, Ph.D

##### Assistant Professor

Arpan Kumar Mondal, Ph.D

#### Officers

##### Sr. Administrative Officer

Subir Basak, MBA

##### Technical Officer

Ashadur Rahaman, B.E.  
Avijit Kundu, M.Tech

## Staff Members in Position

1. Ashoke Paul, *Junior Secretariat Assistant*
2. Animesh Shome, *Senior Secretariat Assistant*
3. Anokhe Lal Balmiki, *MTS*
4. Anup Kumar Saha, *Assistant Section Officer*
5. Ashis Dogra, *Senior Secretariat Assistant*
6. Bapi Sadhukhan, *Senior Technician*
7. Bhanu Prasad, *Section Officer Gr. II*
8. Bijay Chandra Gochhayat, *MTS*
9. Bisan Bahadur Pradhan, *MTS*
10. Bishu Das, *MTS*
11. Chandi Das Mondal, *MTS*
12. Chinmoy Jana, *Technical Assistant Gr. II*
13. Dasarath Mandi, *MTS*
14. Debashis Shaw, *Senior Technician*
15. Dipak Gupta, *Assistant Section Officer*
16. Dipali Paramanik, *Senior Secretariat Assistant*
17. Dulal Chandra Naskar, *MTS*
18. Ganesh Mandal, *MTS*
19. Gobardhan Mandal, *Assistant Section Officer*
20. Indrajit Nandy, *Senior Secretariat Assistant*
21. Joseph Bhutia, *Senior Secretariat Assistant*
22. Joydeep Bandopadhyay, *Section Officer Gr. II*
23. Kallol Modak, *Sr. Technical Assistant*
24. Khokan Mondal, *MTS*
25. Mainak Mandal, *Technical Assistant Gr. II*
26. Nitai Kumar Sarkar, *Technical Assistant Gr. II*
27. Nontu Hazra, *MTS*
28. Paresh Sardar, *MTS*
29. Pradeep Kumar Nayak, *Senior Technician*
30. Prasanta Paul, *Sr. Technical Assistant*
31. Pratap Jana, *MTS*
32. Praveen C. D. Siodiya, *Sr. Technical Assistant*
33. Priyatosh Dey, *MTS*
34. Radhanath Rout, *MTS*
35. Rajender Singh Bisht, *MTS*
36. Rajpal Balmiki, *MTS*
37. Ramanuj Dutta Roy, *Section Officer Gr. II*
38. Sanjit Kumar Datta, *MTS*
39. Sanjoy Sen, *Junior Secretariat Assistant*
40. Sati Nath Mitra, *Technical Assistant Gr. II*
41. Satyaki Kar Gupta, *Technical Assistant Gr. II*
42. Shyamal Murari, *MTS*
43. Shyamapada Mandi, *Senior Secretariat Assistant*
44. Siru Murmu, *MTS*
45. Sofiul Anam, *Sr. Technical Assistant*
46. Soma Bhattacharjee Samadder, *Senior Secretariat Assistant*
47. Sourav Roy Choudhury, *Junior Secretariat Assistant*
48. Subrata Mitra, *Section Officer Gr. II*
49. Sumit Roy Chowdhury, *Senior Technician*
50. Swapan Kumar Halder, *Junior Secretariat Assistant*
51. Swapan Majumder, *MTS*
52. Swarup Chand Bala, *Assistant Section Officer*
53. Tapas Kumar Jana, *MTS*
54. Tapas Sarkar, *Technical Assistant Gr. I*
55. Utpal Chakraborty, *Technical Assistant Gr. II*
56. Uttam Kumar Dutta, *MTS*

## PUBLICATIONS

### Book Chapters

- 1) **A. K. Mondal**, A. S. Rajput, D. Prasad, **D. Bose**, “*Magnetic Field Assisted Finishing Processes*. In: Das S., Kibria G., Doloi B., Bhattacharyya B. (eds) *Advances in Abrasive Based Machining and Finishing Processes. Materials Forming, Machining and Tribology*. Springer, Cham, [https://doi.org/10.1007/978-3-030-43312-3\\_9](https://doi.org/10.1007/978-3-030-43312-3_9), 2020.
- 2) Sudipto Chaki, **Dipankar Bose**, “Application of Artificial Neural Networks to Estimate Tensile Strength of Austenitic Stainless Steel during Metal Inert Gas Welding Process”, Chapter 9, pp 197-221, DOI: 10.4018/978-1-7998-3238-6.ch009, IGI Global, 2021.
- 3) Sibabrata Mondal, **Dipankar Bose**, “Evaluation of Surface Roughness in Wire Electrical Discharge Turning Process”, Chapter 8, DOI: 10.4018/978-1-7998-3624-7.ch008, IGI Global, 2021.
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- 2) D. Kr Singh, K. Sengupta, S. Karmakar, **Arpan Kr. Mondal, D. Bose**, “Effect of different tool pin diameter on mechanical properties of friction stirred welded AISI 304 stainless steel plate”, *International Conference & Exposition on Mechanical, Material and Manufacturing Technology* (ICE3MT2020), Department of Mechanical Engineering, CVR College of Engineering, Hyderabad, India, October 9-10, 2020.
  - 3) K. Sengupta, D. Kr Singh, **A. K. Mondal, D. Bose**, Biswajit Ghosh, “Analysis of mechanical property of electrically assisted friction stir welding to enhance the efficiency of joints”, *International Conference & Exposition on Mechanical, Material and Manufacturing Technology* (ICE3MT2020), Department of Mechanical Engineering, CVR College of Engineering, Hyderabad, India, October 9-10, 2020.
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  - 12) S. Chowdhury Koley, **S. Chattopadhyay** and M. Bandyopadhyay, “Design and Development of SS Reversible Logic Gate and its Application as Adder & Subtractor”, 5<sup>th</sup> International Conference on Inventive Computation Technologies (IEEE – ICICT, 2020), 2020, pp. 977 - 981, ISBN NO: 978-1-7281-4685-0, DOI: 10.1109/ICICT48043.2020.9112514, India, [SCOPUS].
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- 15) **Kinsuk Giri**, International Conference on "Artificial Intelligence and Sustainable Engineering (AISE 2020)" held from 18<sup>th</sup> -20<sup>th</sup> January, 2021 under the auspices of NIT GOA and G L Bajaj Institute of Technology and Management, Greater Noida.
- 16) **Kinsuk Giri**, International (Virtual) Conference on "Recent Trends in Advanced Computing (ICRTAC – AIT 2020)" to be held at VIT, Chennai, Tamil Nadu, India during December, 17-18, 2020.
- 17) **Kinsuk Giri**, National Conference (Web) on "Ancient Indian Science, Technology, Engineering & Mathematics (AISTEM – 2021)" held on 19th - 20th March 2021, NITTTR Kolkata.

## Raj Bhasha Hindi Diwas

Like every year, NITTTR, Kolkata celebrated the month of September 2021 as of the Official Language Month through various language activities programmes. On this occasion, the members of faculty, staff and students of the Institute were requested to submit *One Thousand Word Write Up* in Hindi language on the topic "*Bharatiya Sanskriti Ke Adhar Par Naya Bharat Ko Kaise Banana Hai*". The winner(s) of the above mentioned Competition as decided by a 3-Member Committee were as under:

SL. No.	Name of the Employee	Designation	Position Recommended
1.	Shri Radhanath Rout	MTS	1 <sup>st</sup> Position
2.	Shri Rayapati Subbarao	Associate Professor	2 <sup>nd</sup> Position
3.	Shri Rajpal Balmiki	MTS	3 <sup>rd</sup> Position
4.	Shri Ganesh Mandal	MTS	4 <sup>th</sup> Position (Consolation)

Further, this Institute. organised a "Rajbhasha / Hindi Diwas Meeting" on 14<sup>th</sup> September 2020 on virtual mode. In this meeting, members of faculty and staff members expressed their views and suggested the ways for improvement of the use of hindi in official work. The Hon'ble Director announced the name of the winners of the Raj Bhasha Hindi Competition at the end of the meeting.

## Right to Information Act, 2005

During the year 2020-21, the Public Information Officer of the Institute received nil applications under RTI Act, 2005 seeking information related to the Institute.

## Memorandum of Understanding (MoU)

During the above stated period, Institute executed Memorandum of Understanding with the following for offering our expertise in developing quality teaching-learning process:

1. Gandhi Institute for Technology, Bhubaneswar, Odisha
2. Gurukula Kangri Vishwavidyalaya, Haridwar
3. Indian Institute of Information Technology, Allahabad, UP
4. State Project Implementation Unit, Lucknow, UP
5. Veer Surendra Sai University of Technology, Burla, Sambalpur. Odisha
6. Inter-Governmental International Organization, Colombo Plan Staff College (CPSC), for Human Resource Development in Asia and Pacific Region

## CHANGE OF DIRECTOR



### Handover and Takeover of charge of Office of the Director, NITTTR, Kolkata:

Professor Debi Prasad Mishra assumed the Office of the Director, NITTTR, Kolkata on 8<sup>th</sup> June 2020 and duly taken over the charge from the outgoing Director, Professor Phalguni Gupta. Professor Debi Prasad Mishra also addressed the employees of the Institute.

## ANNUAL EVENTS

### International Yoga Day:

The 6<sup>th</sup> International Yoga Day with the theme “Yoga for Health – Yoga at Home” on 21<sup>st</sup> June 2020 was celebrated from the home of respective employees of the Institute amidst the pandemic COVID 19 to adhere to Government directives issued in this regard.

In his maiden address to the employees of the Institute online, Professor Debi Prasad Mishra, Director of the Institute emphasized the need of Yoga and its impact. He traced back the Yoga in the ancient India where it was used to stay healthy both physically and mentally. He also lamented that today's Yoga practice in the artificial environment in studio is not effective as it was in the yesteryears where this was a regular practice in the natural environment of GURUKUL. He strongly advocated practicing Yoga in natural environment to keep one healthy and mentally strong. The members of faculty and staff practiced Yoga from their home only. The Programme was coordinated by Dr. Kinsuk Giri, Assistant Professor and Shri Avijit Kundu, Technical Officer. Some photographs are appended below to depict postures of YOGA by the employees of the Institute.



### Van Mahotsav:

Van Mahotsav Day on 4<sup>th</sup> July 2020 was celebrated in the befitting manner and the saplings were implanted in the campus by the Director, Prof. Debi Prasad Mishra and the Estate Officer, Prof. Santanu Bhanja in presence members of faculty and staff of the Institute.

### 9<sup>th</sup> National Seminar (web) on Ancient Indian Science & Technology:

The 9<sup>th</sup> National Seminar (web) on Ancient Indian Science and Technology was organized on 13<sup>th</sup> July 2020 by National Institute of Technical Teachers' Training and Research in collaboration with State Project Implementation Unit, Uttar Pradesh. The Director, Prof. Debi Prasad Mishra welcomed the

guests and participants. The Chief Guest of the programme Prof. Anil Sahasrabudhe discussed about the importance of the seminar and also highlighted the different initiatives taken by Ministry of Education and AICTE. Prof. C.K. Raju, Eminent Mathematician and Computer scientist was the Guest of Honour discussed about the History and Philosophy of Science. Prof. Debi Prasad Mishra also discussed in detail about the relevance of Ancient Indian Science and Technology today in the face deterioration of human values and western education system. The seminar ended with a panel discussion.

### **In-house design, development and production of face mask, sanitizer dispenser and sanitizer**

Keeping in mind the safety measures to avoid the COVID-19 pandemic, Institute designed its own Face Mask & Sanitizer Dispenser in Acharaya Prafulla Chandra Welding Centre with the help of Shri Tapas Sen under the guidance of Dr. Arpan Kumar Mondal, Assistant Professor.

In making the Institute self-reliant, with the help of Shri Souvik Dey, an outsourced employee of the Institute under the guidance of Prof. Debi Prasad Mishra, Director, sanitizer has been made for the use of all the employee. The sanitizer has been made as per the guidelines of World Health Organization (WHO).



Batch manufacturing of Sanitizer Dispenser at Welding Center, NITTTR-Kolkata

Mask in use at NITTTR offices

### **74<sup>th</sup> Independence Day:**

The 74<sup>th</sup> Independence Day of our mother land has been celebrated in the Institute amidst the prevailing pandemic COVID-19 and has been graced by the audience belong to NITTTR family in the virtual mode. This is the first time our endeavour was to invite not only all the members of faculty and staff but also pensioners, ex-Directors and other stake holders of the Institute. So it was very pleasant to see many faces in miniature. The event started with unfurling of national flag by the Director and singing the national anthem in chorus. The physical presence of handful employees maintaining social distances grace the occasion. Senior Administrative Officer announced the slogan “लोकाहितार्थम ज्ञानार्थनम” coined by Prof. Debi Prasad Mishra, the Director of the Institute was adjudicated as the best befitting slogans amongst the suggestions received from the members of faculty, staff and students as recommended by an appropriate committee constituted for this purpose.





The Director, Prof. Debi Prasad Mishra in his speech stressed the need to avert fear-psychosis of pandemic COVID-19 after taking due safety measures announced by the Government. He augmented his speech by expressing rich heritage of Indian tradition over western one. He expressed his deep gratitude to martyrs who laid down their lives for to achieve the freedom. He fondly remembered Rishi Aurobindo whose birth anniversary coincides with our independence day. He deplored that till date after 73<sup>rd</sup> year of freedom, we are dependent to others. Therefore, he stressed the need to be self-reliant and to explore the feasibility of making a corpus fund of the Institute to make ourselves Atmanirbhor in true sense. Home making and Sanitizer Dispenser by the Institute for the consumption of the employees of the Institute are a step towards Atmanirbhorata. One of the important announcement in his speech was re-appearance of Institute Newsletter with the contributions of members of faculty and staff within a very short span of time. He also briefed that the Institute Magazine titled “Bharatiya Kala O Silpo” is being contemplated in near future. He concluded his speech after interacting with the audience and summed up that any suggestion towards the development of the Institute is most welcome. Another important event of the day was an online In house Seminar on “Repositioning of NITTTR, Kolkata in line with National Education Policy 2020” with interactive session.

### **3<sup>rd</sup> National Seminar (web) on “Atmanirbhar Bharat: Environmental sustainability”**

The 3<sup>rd</sup> National Seminar (web) on Atmanirbhar Bharat: Environment Sustainability was organized by Institute with SPIU, Uttar Pradesh on 16<sup>th</sup> August, 2020. Prof. Debi Prasad Mishra, Director of NITTTR Kolkata welcomed the Chief Guest Dr. Anil Prakash Joshi, Guest of Honour Dr. Ravi Kant Pathak and the participants. The Chief Guest, Dr. Joshi explained how rampant economic development is abusing the environment creating an overall deterioration in the society. Prof. Devi Prasad Mishra explained how the self-reliance in Atma Nirbhar Bharat was part of our culture.

### **Teachers' Day (5 September 2020)**

The Institute celebrated the Teachers' Day in a befitting manner in virtual mode. The welcome address was given by the Director of the Institute, Prof. Debi Prasad Mishra. The faculty members, students and staff active participation. Students prepared their programme virtually to pay respect to the teachers. First time, ex-faculty members were also invited in the programme and a panel discussion was held on the ‘National Education Policy 2020 and the opportunity of NITTTR, Kolkata. Around 100 participants took part in the programme. The programme was jointly coordinated by Dr. Sukanta Kumar Naskar, Associate Professor and Dr. Kinsuk Giri, Assistant Professor.

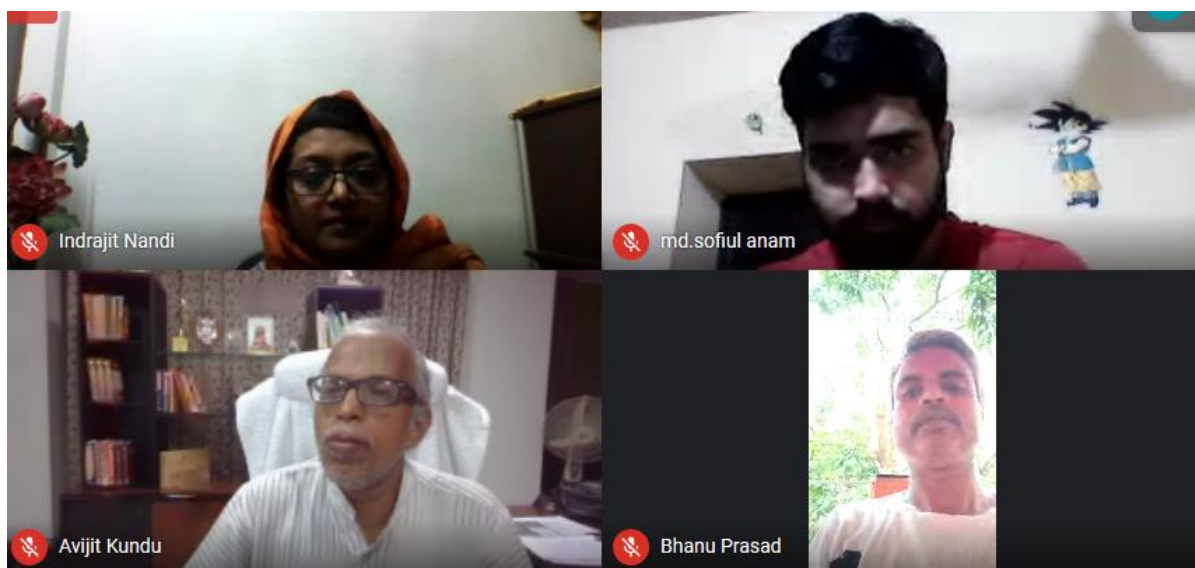
### **Swachhata Pakhwada**

During 1<sup>st</sup> September 2020 to 15<sup>th</sup> September 2020 Institute observed the Swachhata Pakhwada wherein all faculty members, staff members, students and participants of STTP participated in group discussion to achieve the mission of Jal Shakti Abhyaan and to stress on ban of Single Use Plastics

followed by the lecture on Rain Water Harvesting and water Conservation. All the members took active participation in the group discussion process. All the members left the venue after gaining full awareness and knowledge of the Swachhata Pakhwada – 2020 in light of Jal Shakti Abhyaan and Ban of Single Use Plastics.

### International Literacy Day

International Literacy Day was celebrated in the Institute on 8<sup>th</sup> September 2020 on virtual mode. Extempore speeches took place and the theme of this year International Literacy Day 2020 would focus on Literacy teaching and learning in the COVID-19 crisis and beyond with a focus on the role of educators and changing pedagogies. The theme would highlight literacy learning in a lifelong learning perspective and therefore mainly focus on youth and adults. Professor Debi Prasad Mishra, Director of the Institute opened up the discussion and advocated that literacy is must for every citizen which can eradicate pandemic COVID 19 by spreading awareness. Dr Ranjan Dasgupta, Professor advocated for computer literacy to obviate fraud in making digital India. Dr. Habiba Hussain, Associate Professor stressed the role of educators in post COVID 19 and the need for changing pedagogies. Two students spoke about the importance of literacy. In nutshell, it can be summed up as “Education is not preparation for life, education is life itself.”



### National Eligibility Cum Entrance Test (UG)

National Institute of Technical Teachers' Training and Research, Kolkata was selected as one of the Centre for conducting the NEET (UG) 2020. The event took place on Sunday, the 13<sup>th</sup> September, 2020. Total 240 candidates have been allotted by National Testing Agency to sit for the test in our Institute and out of that, 189 candidates were present. Due to pandemic situation a lots of extra precaution to maintain Covid19 Guidelines has been taken for conducting of such offline examination. Around sixty persons were involved to carry out various functionalities for the smooth conduction of the examination as invigilators, support staff, videographer etc. As the Centre Superintendent, Dr. Arpan Kumar Mondal, lead the event. The Entrance Test was successfully completed in time.





### National Seminar (web) on “Entrepreneurship Development for North Eastern States”

Under the leadership of the Director, Prof. Debi Prasad Mishra, the National Seminar (web) on “Entrepreneurship Development for North Eastern States” was organized on 19<sup>th</sup> September 2020. Dr. Subrata Mondal, Associate Professor coordinated the seminar. The Chief Guest of the programme His Excellency Shri Temjen Inna Along, Hon’ble Minister for the Higher Education & Technical Education, Tribal Affairs, Govt. of Nagaland

**National Seminar (web)**  
On  
**Entrepreneurship Development for North Eastern States**

This seminar (web) aims at discussing NITTTR Kolkata's initiatives of skills and entrepreneurship development for the youths of North Eastern States.

Registration is free.

Seminar (web) Platform  
Google Meet  
[meet.google.com/spr-douj-mvf](https://meet.google.com/spr-douj-mvf)

Streaming on:  
Meet Stream: <https://t.ly/JJNFR>  
YouTube: <https://t.ly/7cG6>

Date : 19<sup>th</sup> September 2020  
Time : 10:00 AM – 2:00 PM

Registration Link : <https://t.ly/ZMPJ>  
Feedback Link : <https://t.ly/E6fC>

discussed diversity of North Eastern States and market gap in this region as compared with rest of the country. Hon’ble Minister also stressed on chain of entrepreneurship and importance of this kind web seminar. Prof. Mishra, the Director, NITTTR Kolkata discussed entrepreneurship development programme in Humanistic approaches. More than seven hundred participants from all over the country registered for the programme.

### National Seminar (Web) on “Advances on Machining”

The Department of Mechanical Engineering conducted a National Seminar (Web) titled ‘Advances on Machining’ on 26<sup>th</sup> September 2020 in collaboration with State Project Implementation Unit, Uttar Pradesh.

**National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata**  
National Seminar (web) on “Advances in Machining”  
Knowledge Partner  
State Project Implementation Unit – Uttar Pradesh

26<sup>th</sup> September, 2020 9:30 AM-2:00 PM

Attempts are always made to plan, explore, use resources so that machining becomes more and more effective, efficient, economically viable and environment-friendly which are in general, conflicting in nature. Moreover, with the invention of newer alloys with more hardness and availability of sophisticated CNC technologies, traditional machining of hard materials has become non-profitable or even non-viable.

The objective of this webinar is to enhance the knowledge of participants in the emerging areas of machining science and technology with special emphasis on high speed and micro machining.

Registration Link: <https://t.ly/Nvp4>  
Seminar Homepage: <https://t.ly/b97f>

No Registration Fee. E-certificates will be issued.

Prof. Debi Prasad Mishra, Director of the Institute welcomed the guests and participants. The Chief Guest of the programme Shri Sankar Ghosh, GM – QA & QC, Haldyn Heinz Fine Glass Ltd. addressed the participants in the arena of advancement of manufacturing applied to the industrial world. The programme was jointly coordinated by Shri Nirmal Kumar Mandal and Dr. Arpan Kumar Mondal on behalf of the Department of Mechanical Engineering. Total 822 participants attended the programme through WEB.

### Fit India Programme

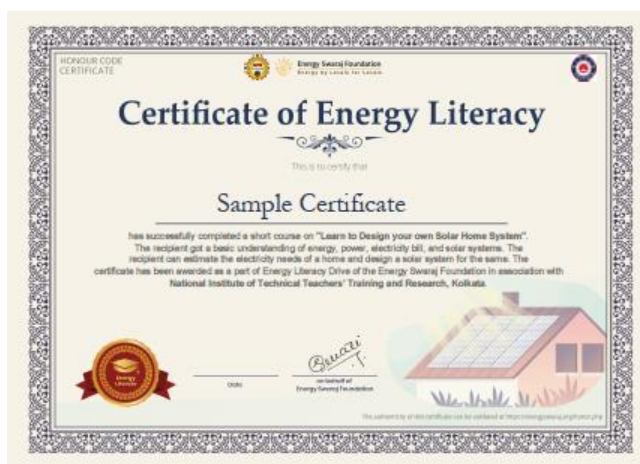
The Institute organised Fit India Programme on 28<sup>th</sup> September 2020 on virtual mode. All the employees and students took a ‘Fitness Pledge’. The programme was convened by Post Graduate cell. All faculty, staff and students along with Director of the institute participated in the ‘FIT INDIA





PROGRAMME 2020', conducted online on 28<sup>th</sup> September 2020. Welcome address was given by Dr. Rayapati Subbarao, who discussed about daily walk, suryanamaksra, walk a mile after every meal and the importance of being fit in view of covid-19. Prof. Debi Prasad Mishra, Director of the institute guided how to be fit and what is the importance of 'Fit India'. PG Coordinator, Dr. S. Chattopadhyay shared his views on being 'fit' for our daily routine. Faculty, staff and others shared their valuable experiences of their day-to-day life to be fit and how we can achieve 'Fit India'. Mr. Tanmoy Das, General Secretary, Students Committee took care of the online physical exercise/ run. Faculty, staff and students also participated in the 'FIT India Freedom Run', organized by the Ministry of Youth Affairs and Sports at by registering at <https://fitindia.gov.in/fit-india-freedom-run-registration>. Certificate obtained by Dr. Rayapati Subbarao is given below.

### Energy Literacy Drive by NITTTR Kolkata in collaboration with Swaraj Energy Foundation



Under the patronage of the Director, Prof. Debi Prasad Mishra, Natural Resource Harvesting Team (NRHT) of the institute lead by Prof. Prasanta Sarkar, Chairman, NRHT conducted a three hours video awareness programme on “Learn to Design your own Solar Home System” in collaboration with Swaraj Energy Foundation. The course was open to all disciplines and supported by the All India Council for Technical Education (AICTE). 211 participants have been certified after successfully reaching the qualifying marks. Dr. Subrata Mondal, Secretary, NRHT Coordinated the programme.

### 6<sup>th</sup> Regional (online) Workshop on Technical Education System of Polytechnics Focusing on North Eastern States

**6<sup>th</sup> Regional online Workshop on TECHNICAL EDUCATION SYSTEM of POLYTECHNICS Focusing on North Eastern States on 5th October 2020**  
Workshop Website: <https://t.ly/G7IE>

**NITTTR, Kolkata** is committed to provide special care to improve the quality of technical education system in North Eastern states. The present workshop is organized to meet the following objectives.

- To discuss and share Academic and Administrative issues of Technician Education System for North Eastern States.
- To identify and discuss stakeholders representation for strengthening Technician Education System.
- To sensitize accreditation process of diploma courses.

**Registration Link** : <https://t.ly/AWS8>  
**Google Meet Link** : <https://t.ly/hbD3>

**Date** : 5<sup>th</sup> October, 2020  
**Time** : 10:00 a.m.

**National Institute of Technical Teachers' Training and Research, Kolkata, Sector-III, Salt Lake, Kolkata-700106**

The 6<sup>th</sup> Regional Workshop on Technical Education System was conducted through online mode on 5<sup>th</sup> October 2020. Around 90 participants from different Polytechnics and Directorates of the North Eastern Region were participated in the said workshop. In the inaugural session, Hon'ble Director of Institute welcomed the Chief Guest and Guest of Honour and the participants of the workshop. Honourable Chief Guest of the Workshop, Sri Saju Vaheed A, IAS, Director of Higher Education, Govt. of

Tripura mentioned strong bondage between states with NITTTR. The Guest of Honour of the Workshop Shri Amit Halder, Senior Consultant, Tata Consultancy Services (TCS) focused on Digital Transformation and its integration to the Technical Educations System. The programme ended with the Panel Discussion.

### Observance of Vigilance Awareness Week

Vigilance Awareness Week was observed in the Institute during 27<sup>th</sup> October to 2<sup>nd</sup> November 2020 with the theme Satark Bharat, Samiriddh Bharat (vigilance India, prosperous India). Prof. Prasanta Sarkar, Director-in-Charge addressed the faculty members, staff and students through virtual mode on 27<sup>th</sup> October 2020. All the staff members took the Integrity Pledge.

### National Seminar on Ancient Indian Education System

The National Education on 11<sup>th</sup> November 2020 was celebrated in a befitting manner by organizing a two-day National Seminar on Ancient Indian Education System during 11<sup>th</sup> & 12<sup>th</sup> November 2020. Hon'ble Minister of Education, Govt. of India, Shri Ramesh Pokhriyal 'Nishank' inaugurated the seminar on 11<sup>th</sup> November 2020 through virtual mode as Chief Guest of the inaugural session. The 1<sup>st</sup> edition of the Institute's magazine "Bhartiya Kala Aur Shilp" was inaugurated by Hon'ble Union Education Minister, Shri Ramesh Pokhriyal 'Nishankji'. Eminent industrialist and Chairman, Board of Governors of NITTTR, Kolkata, Mr. Harshavardhan Neotia, delivered his welcome address. The Guest of Honour, Dr. Bhushan Patwardhan, Vice Chairman, UGC, New Delhi, talked about 14 Vidyas and 64 Kalas of ancient Indian education.



Shri Ramesh Pokhriyal 'Nishank', Hon'ble Minister of Education, Govt. of India, addressing the seminar



Professor Debi Prasad Mishra, the Director of the Institute giving the welcome address



Padma Shree Harshavardhan Neotia, delivering his address



The Guest of Honour, Dr. Bhushan Patwardhan, Vice-Chairman, UGC, New Delhi making his deliberation

### Orientation Training Programme on National Initiative for Teacher Technical Training

The Institute has conducted first Orientation Training Programme (OTP) for the prospective mentors during 30<sup>th</sup> November to 4<sup>th</sup> December 2020 as a part of the national Initiative for Teacher Technical Training (NITTT). This training programme is in fact a part of the National Initiative for Teacher Technical Training (NITTT) as proposed in the Comprehensive Training Policy for Technical Teachers 2019 of All India Council of Technical Education (AICTE), Govt. of India. Prof. V. K. Tiwary, Director, Indian Institute of Technology, Kharagpur was the Chief Guest of the programme. Prof. M. P. Poonia, Vice Chairman, AICTE also graced the occasion.





### Celebration of Constitution Day



National Institute of Technical Teachers' Training & Research, Kolkata observed Constitution Day on 26th November, 2020 through google meet. All Faculty, Staff, Students and Trainees were present on this auspicious day. The programme started with reading the Preamble with the Hon'ble President of India at 11 AM. At 4 PM Director, Dr. Devi Prasad Mishra inaugurated the Institutional Programme to observe the day. Started with the speech regarding Indian Constitution, Director stressed on constitutional values. He added “why this celebration, what are written and

why so big our constitution”. So far Indian Culture is concerned, “we are not in the right path”, he said. Constitution should be realised through “Adwoita Vedanta”, he pointed out and explained it thoroughly. He opened our eyes in respect of equality of status and opportunity. At the end, he allowed the participants to raise their questions one by one. Most of the participants got clarification with the replies of Director. “Executive is to be responsible to legislature”, raised by an M. Tech student, Sougata Barik and the Director satisfied him in a lucid direction. Next was the power point presentation by Dr. Dipankar Bose, Professor. Mechanical Engineering Department. He pointed out the concept of basic structures and features of Indian Constitution. He enriched us through his elaborating speech. The session ended with vote of thanks to the Director and all participants conveyed by Dipak Gupta, Conveyer of this programme.

### 57<sup>th</sup> Foundation Day of the Institute

The Institute celebrated its 57<sup>th</sup> Foundation Day on 11<sup>th</sup> January 2021. The function commenced by the hosting of the National Flag and the singing of the national anthem. Formal inauguration of the programme was done by lighting of lamp in the Netaji Subhas Chandra Bose Auditorium by the Director and other faculty members. Shri Harshavardhan Neotia, Chairman of the Board of Governors was the Chief Guest at the function. The Director, Prof. Debi Prasad Mishra, in his address to the faculty, staff, ex-employees and students through virtual mode, highlighted the institutional achievement and future aspect of the Institute. A short film on the Institute's activities was displayed which was prepared by the Learning Resource Centre. The Chairman, Board of Governors appreciated the institutional achievement amid pandemic situation of COVID-19. The Institute also recognized the employees who completed continuous service of 25 years in the Institute. The programme ended with a cultural programme. The entire programme was coordinated by Dr. Habiba Hussain, Associate Professor of the Institute.

### Parakram Divas

Netaji Subhas Chandra Bose's birth has been declared as 'Parakram Divas' by the Government of India. The Institute celebrated the birth anniversary of Netaji Subhas Chandra Bose on 23<sup>rd</sup> January 2021. The Director, Prof. Debi Prasad Mishra garlanded the portrait of Netaji Subhas Chandra Bose in presence of the faculty and staff of the Institute. Then the Director addressed through virtual mode all the employees and students to remember Netaji in the true earnest and paid his reach tribute to the martyrs who laid down their lives for the free of India. The entire programme was organized by Prof. Soumitra Kumar Mandal and Shri Anup Kumar Saha.

### Republic Day

The 72<sup>nd</sup> Republic Day of India was celebrated in the Institute in a grand manner on 26<sup>th</sup> January 2020 on hybrid mode. The day started with National Flag hoisting by the Director of the Institute, Prof. Debi Prasad Mishra and singing the national anthem in chorus in presence of the faculty members, staff. The Director of the Institute addressed the gatherings. Faculty members, staff and students participated in the programme actively.

### Martyrs' Day

As per the directives received from the administrative ministry i.e., Ministry of Education, Department of higher Education, Government of India vide its letter F. No. 4-1/2021-TS.IV dated 27<sup>th</sup> January 2021, the Institute observed the Martyrs' Day on the scheduled day and time i.e., Saturday, the 30<sup>th</sup> January 2021 at 11:00 am onwards on virtual mode. 2 Minutes silence from 11:00 am to 11:02 am observed in the memory of Matyar's Day. The Director-in-Charge, Prof. Prasanta Sarkar addressed the gathering by paying his tribute to the martyrs who laid down their lives for the freedom struggle. Students, members of staff and faculty also addressed the gatherings with homage to Bapu and those martyrs who laid their lives throughout the prolonged the struggle to free India.

### Matrihasha Divas (21 February 2021):



International Mother Language Day or "Matrihasha Diwas" is observed every year on February 21 to promote Linguistic and Cultural diversity & Multilingualism around the world. NITTTR-Kolkata celebrated "Matrihasha Diwas" on February 22, 2021 through virtual medium due to the current pandemic situation of Covid-19. All the students, staff and faculty members have joined in the program through online mode. The program starts with an inaugural song by one of our students. Our respected Director, Prof. Debi Prasad Mishra, welcome the participants and delivers the history of International Mother Language Day with lots of inspirational contents. Some faculty members has enlightened the substance of the event and discussed the necessity of celebrating "Matrihasha Diwas". One cultural program has

been followed by our students and staff members based on the event. The program is coordinated by Mr. Avijit Kundu, Mr. Kallol Modak and Mr. Debashis Shaw.

## FINANCIALS

The Institute is financed by the Department of Higher Education, Ministry of Human Resource Development, Government of India. During 2020-21, the Institute received a grant of Rs. 1181.00 lakhs from the Ministry of Human Resource Development to meet its yearly expenses. The Institute receives funds for sponsored research projects and for consultancy assignments being undertaken by the Institute from several funding agencies and Industries. The financial year of the Institute corresponds with that of Govt. of India i.e. 1<sup>st</sup> April to 31<sup>st</sup> March. The accounts of the Institute are annually audited by the Office of the Principal Director of Audit, Central Kolkata, Indian Audit and Accounts Department of the Balance Sheet of the Institute, Income and Expenditure Statement, Grants Received are shown in tabulated format below.

## BALANCE SHEET

As at 31<sup>st</sup> March, 2021

Amount in Rupees			
SOURCE OF FUNDS	Schedule	Current Year	Previous Year
<b>CAPITAL FUND</b>	1	36,54,80,152	37,57,18,208
<b>DESIGNATED/EARMARKED/ENDOWMENT FUNDS/CORPUS FUND</b>	2	27,42,32,880	25,70,84,625
<b>CURRENT LIABILITIES &amp; PROVISIONS</b>	3	41,00,13,236	49,66,81,366
<b>TOTAL</b>		<b>1,04,97,26,268</b>	<b>1,12,94,84,199</b>
APPLICATION OF FUNDS	Schedule	Current Year	Previous Year
<b>FIXED ASSETS</b>			
Tangible Assets	4	27,20,64,124	27,33,84,683
Intangible Assets	4	17,80,556	19,86,393
Capital Works-in-Progress	4	7,73,29,095	8,74,47,095
<b>INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS</b>	5	56,46,993	52,58,730
Long Term			
Short Term			
<b>INVESTMENTS – OTHERS</b>	6	-	-
<b>CURRENT ASSETS</b>	7	66,27,31,586	66,76,29,890
<b>LOANS, ADVANCES &amp; DEPOSITS</b>	8	3,01,73,914	9,37,77,408
<b>TOTAL</b>		<b>1,04,97,26,268</b>	<b>1,12,94,84,199</b>
SIGNIFICANT ACCOUNTING POLICIES	23	-	-
CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS	24		

**INCOME AND EXPENDITURE ACCOUNT**for the period/year ended 31<sup>st</sup> March, 2021

Amount in Rupees

Particulars	Schedule	Current Year	Previous Year
<b>INCOME</b>			
Academic Receipts	9		
Grants / Subsidies	10	20,52,49,151	23,28,51,460
Income from Investments	11	2,24,36,060	2,18,96,869
Interest earned	12	3,52,854	4,10,157
Other Income	13	8,92,384	25,28,640
Prior Period Income (Liabilities W/Back)	14		-
Deferred Income AS 12 [Corresponding to Sch 4]	4	3,16,69,668	3,12,68,893
<b>TOTAL (A)</b>		<b>26,06,00,117</b>	<b>28,89,56,019</b>
<b>EXPENDITURE</b>			
Staff Payments & Benefits (Establishment Expenses)	15	18,00,71,226	16,92,53,847
Academic Expenses	16	2,35,187	1,63,85,495
Administrative and General Expenses	17	2,03,06,902	2,96,05,416
Transportation Expenses	18	-	2,83,302
Repairs & Maintenance	19	18,69,415	1,71,06,935
Finance Costs	20	63,006	54,465
Depreciation	4	3,16,69,668	3,12,68,893
Other Expenses	21	-	
Prior Period Expenses	22	27,03,415	1,62,000
<b>TOTAL(B)</b>		<b>23,69,18,819</b>	<b>26,41,20,353</b>
<b>Balance being excess of Income over Expenditure (A - B)</b>		<b>2,36,81,298</b>	<b>2,48,35,666</b>
Unspent balance of Grants transferred to Other Current Liabilities [Sch.3(A)(6)(d)]		2,24,36,060	2,18,96,869
<b>Balance Being Surplus / (Deficit) Carried to Capital Fund</b>		<b>12,45,238</b>	<b>29,38,797</b>

Significant Accounting Policies 23

Contingent Liabilities and Notes to Accounts 24

**SCHEDULE - 1: CAPITAL FUND(CORPUS/CAPITAL FUND for previous year)**

	<b>Particulars</b>	<b>Current Year</b>	<b>Previous Year</b>
	Balance at the beginning of the year	37,57,18,208	57,76,76,877
Add:	Contributions towards Corpus/Capital Fund	-	-
Add:	Grants from UGC, Government of India and State Government to the extent utilized for capital expenditure(including NER)	2,00,25,272	3,53,85,131
Add:	Assets Purchased out of Earmarked Funds	1,61,102	66,00,211
Add:	Assets Purchased out of Sponsored Projects, where ownership vests in the Institution		
Add:	Assets Donated Gifts Received		
Add:	Other Additions :		
	Current assets transferred from Earmarked Fund		4,000
	Deferred Income AS-12	(3,16,69,668)	(3,12,68,893)
	Old provisions written back		33,57,029
Add:	Excess of Income over Expenditure transferred from the Income & Expenditure Account	12,45,238	29,38,797
	<b>Total</b>	<b>36,54,80,152</b>	<b>59,46,93,152</b>
(Deduct)	Creation of Corpus Fund transferred to Schedule -2		21,89,74,944
(Deduct)	Deficit transferred from the Income & Expenditure Account	-	-
	<b>Balance at the year end</b>	<b>36,54,80,152</b>	<b>37,57,18,208</b>



## SCHEDULE - 2: DESIGNATED / EARMAKRD / ENDOWMENT FUNDS

Particulars	Corpus Fund								MOOC	NRC	Total	
		PDMTVE	MOD/ MECH (II)	COMPUTER LAB	SKILL CONTEST	DST COVID-19	OBC EXPANSION	QIP-AICTE			Current Year	Previous Year
A.												
a) Opening Balance	23,94,66,514	21,53,582	45,299	72,017	41,44,153	-	33,92,159	2,32,963	12,58,861	15,13,965	25,22,79,513	1,96,98,693
b) Additions during the year	-					7,50,000					7,50,000	22,07,82,924
c) Academic Income	24,03,900										24,03,900	71,09,950
d) Income from Investments made of the funds	1,33,21,759	1,35,574			2,94,668		1,93,250				1,39,45,251	1,49,16,320
e) Interest on Savings Bank A/c	60,689		1,491	1,978	321	20,166	2,840	12,140	30,698	33,006	1,63,329	1,95,968
f) Other additions/Advance	2,99,697										2,99,697	11,69,060
g) Current Liabilities(Sch.3)	82,02,676										82,02,676	48,17,222
<b>Total (A)</b>	<b>26,37,55,235</b>	<b>22,89,156</b>	<b>46,790</b>	<b>73,995</b>	<b>44,39,142</b>	<b>7,70,166</b>	<b>35,88,249</b>	<b>2,45,103</b>	<b>12,89,559</b>	<b>15,46,971</b>	<b>27,80,44,366</b>	<b>26,86,90,137</b>
B.												
Utilization/Expenditure towards objectives of funds											-	1,20,707
a) Capital Expenditure						1,61,102					1,61,102	66,00,211
b) Revenue Expenditure	16,58,896					2,01,378		12,110	3,08,000		21,80,384	33,80,594
c) Others (Refund)										14,70,000	14,70,000	15,04,000
<b>Total (B)</b>	<b>16,58,896</b>		-		-	<b>3,62,480</b>	-	<b>12,110</b>	<b>3,08,000</b>	<b>14,70,000</b>	<b>38,11,486</b>	<b>1,16,05,512</b>
Closing balance at the year end (A - B)	<b>26,20,96,339</b>	<b>22,89,156</b>	<b>46,790</b>	<b>73,995</b>	<b>44,39,142</b>	<b>4,07,686</b>	<b>35,88,249</b>	<b>2,32,993</b>	<b>9,81,559</b>	<b>76,971</b>	<b>27,42,32,880</b>	<b>25,70,84,625</b>
<b>Represented by</b>												
Cash and Bank Balances	14,56,794		46,790	73,995	9,551	4,07,686	1,05,038	2,32,993	9,81,559	76,971	33,91,377	1,02,64,319
Investments	24,67,71,391	22,32,485			44,24,791		34,14,508				25,68,43,175	22,85,01,170
Advances/Deposits/TDS	21,020				4,800	-	28,121				53,941	70,532
TDS	69,705										69,705	
Interest accrued but not due	1,37,77,429	56,671					40,582				1,38,74,682	1,82,48,604
Others											-	-
<b>Total</b>	<b>26,20,96,339</b>	<b>22,89,156</b>	<b>46,790</b>	<b>73,995</b>	<b>44,39,142</b>	<b>4,07,686</b>	<b>35,88,249</b>	<b>2,32,993</b>	<b>9,81,559</b>	<b>76,971</b>	<b>27,42,32,880</b>	<b>25,70,84,625</b>

## SCHEDULE - 2A: ENDOWMENT FUNDS

Specimen formed of Sub Schedule to support the figures in the column "Endowment Funds" in the Schedule "earmarked/Endowment Funds", forming part of the Balance Sheet

Sl. No.	Name of the Endowment	Opening Balance		Additions during the Year		Total		Expenditure on the object during the year	Closing Balance		Total (10+11)
		Endowment	Accumulated Interest	Endowment	Interest	Endowment (3+5)	Accumulated Interest (4+6)		Endowment	Accumulated Interest	
1	2	3	4	5	6	7	8	9	10	11	
	<b>Total</b>										

## Notes

- 1 The total of Columns 3 & 4 will appear as the Opening Balance in the Column "Endowment Funds" in Schedule 2, of Earmarked Funds forming part of the Balance Sheet.
- 2 The total of Col. 9 should normally be less than the total of Col. 8, as only the interest is to be used for the expenditure on the object of the endowments (except Endowments for Chairs)
- 3 There should not normally be a debit balance in the schedule, if in a rare case, there is a debit balance against any of the Endowment Funds, the debit balance should appear on the Assets side of the Balance Sheets as "Receivables" in Schedule - 8 Loans, Advances & Deposits.

**SCHEDULE - 3: CURRENT LIABILITIES & PROVISIONS**

Particulars		Current Year	Previous Year
			Corpus Fund
<b>A.</b>	<b>CURRENT LIABILITIES</b>		
	1. Deposits form Staff		
	2	Deposits from Students	
	3. Sundry Creditors		
	a) Others	12,803	1,09,47,204
	4. Deposit - others (including EMD, Security Deposit)	10,38,094	10,80,010
	5. Statutory Liabilities (GPF, TDS, WC TAX, CPF, GIS, NPS)		
	a) Overdue		
	6. Other Current Liabilities		
	a) Salaries		
	b) Receipts against sponsored projects		
	c) Receipts against sponsored fellowships & Scholarships		
	d) Unutilised Grants [as per Sch.3 (c) ]	38,21,56,326	46,68,93,993
	e) Grants in advance		
	f) Other Funds		
	g) Other Liabilities		
	i) Book credit with SBI	73,98,843	
	ii) Others	33,71,394	24,90,069
	<b>Total (A)</b>	<b>39,39,77,460</b>	<b>48,14,11,276</b>
<b>B.</b>	<b>PROVISIONS</b>		
	1. For Taxation		
	2. Gratuity	-	-
	3. Superannuation Pension	-	-
	4. Accumulated Leave Encashment	-	-
	5. Trade Warranties/Claims		
	6. Others (Specify)(Liabilities for expenses)	1,60,35,776	1,52,70,090
	<b>Total (B)</b>	<b>1,60,35,776</b>	<b>1,52,70,090</b>
	<b>Total (A + B)</b>	<b>41,00,13,236</b>	<b>49,66,81,366</b>

Note: Unutilized grants 6 (d) will include grants received in advance for next year.

**SCHEDULE - 3 (a): SPONSORED PROJECTS**

Sl. No.	Name of the Project	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the year	Amount in Rupees Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
	<b>Total</b>							

## Notes

- 1 The Projects may be listed agency-wise, with sub-totals for each agency.
- 2 The total of Column 8 (Credit) will appear under the above head on the liabilities side of the Balance Sheet (Schedule 3).
- 3 The total of column 9 (Debit) will appear as Receivables in Schedule 8, Loans, Advances and Deposits, on the Assets side of the Balance Sheet.

**SCHEDULE 3 (b): SPONSORED FELLOWSHIPS AND SCHOLARSHIPS**

Sl. No.	Name of Sponsor	Opening Balance as on 01.04.2020		Transactions during the year		Closing Balance as on 31.03.2021	
		CR.	DR.	CR.	DR.	CR.	DR.
1	University Grants Commission						
2	Ministry of HRD						
3	Others (Specify individually)						
	Total						

## Note:

1. The total of column 7, (Credit) will appear under the above head, on the liabilities side of the Balance Sheet (Schedule 3).
2. The total of column 8 (Debit) will appear as Receivables on the Assets side of the Balance Sheet in Schedule 8 (Loans, Advances and Deposits).

## SCHEDULE 3 (c) : UNUTILISED GRANTS FROM UGC, GOVERNMENT OF INDIA AND STATE GOVERNMENTS

		Amount in Rupees	
A.1	Plan Grants: Government of India	Current Year	Previous Year
<b>a)</b>	<b>Plan Capital (Non-Recurring)(OH-35)</b>		
	Balance B/F	14,35,55,369	12,64,11,000
	Add: Receipts during the year	-	5,25,00,000
	<b>Total (a)</b>	<b>14,35,55,369</b>	<b>17,89,11,000</b>
	Less: Utilized for Capital Expenditure(b)(Sch.4)	2,00,25,272	3,53,55,631
	<b>Total (b)</b>	<b>2,00,25,272</b>	<b>3,53,55,631</b>
	Unutilized carried forward (a - b)	<b>12,35,30,097</b>	<b>14,35,55,369</b>
<b>b)</b>	<b>Plan General (Recurring)(OH-31)</b>		
	Balance B/F	7,24,83,268	4,92,56,412
	Add: Receipts during the year	7,81,00,000	11,75,00,000
	Add: Interest earned from Investment/Bank(Sec.11 )	1,81,47,714	1,66,55,557
	<b>Total (a)</b>	<b>16,87,30,982</b>	<b>18,34,11,969</b>
	Less: Utilized for Recurring Expend.(b)(Sch.15,16,17,18,19,20 & 22)	8,38,48,039	11,09,28,701
	<b>Total (b)</b>	<b>8,38,48,039</b>	<b>11,09,28,701</b>
	Unutilized carried forward (a - b)	<b>8,48,82,943</b>	<b>7,24,83,268</b>
<b>A.2</b>	<b>Non Plan Grants : Government of India</b>		
<b>a)</b>	<b>Non Plan (Salary)(OH-36)</b>		
	Balance B/F	16,90,20,783	10,54,00,927
	Add: Receipts during the year	4,00,00,000	18,00,00,000
	<b>Total (a)</b>	<b>20,90,20,783</b>	<b>28,54,00,927</b>
	Less: Utilized for Recurring Expenditure(b) (Sch.15)	12,11,64,748	11,63,80,144
	Unutilized carried forward (a - b)	<b>8,78,56,035</b>	<b>16,90,20,783</b>
<b>A.3</b>	<b>Plan Grants(North Eastern Region): Government of India</b>		
<b>a)</b>	<b>Plan Capital, NER (Non-Recurring)(OH-35)</b>		
	Balance B/F	5,98,72,624	5,99,02,124
	Add: Receipts during the year		
	<b>Total (a)</b>	<b>5,98,72,624</b>	<b>5,99,02,124</b>
	Less: Utilized for Capital Expenditure(b)		29,500
	Unutilized carried forward (a - b)	<b>5,98,72,624</b>	<b>5,98,72,624</b>
<b>b)</b>	<b>Plan General, NER (Recurring)(OH-31)</b>		
	Balance B/F	2,19,61,949	2,22,63,252
	Add: Receipts during the year		-
	Add: Interest on Investment/Bank(Sch.11,12)	42,89,042	52,41,312
	<b>Total (a)</b>	<b>2,62,50,991</b>	<b>2,75,04,564</b>
	Less: Utilized for Recurring Expenditure(b)(Sch.15, 16 & 17 )	2,36,364	55,42,615
	Unutilized carried forward (a - b)	<b>2,60,14,627</b>	<b>2,19,61,949</b>
<b>B.</b>	<b>UGC Grants: Plan</b>	Nil	Nil
<b>C.</b>	<b>UGC Grants: Non Plan</b>	Nil	Nil
<b>D.</b>	<b>Grants from State Government</b>	Nil	Nil
<b>* Grand Total (A + B + C + D)</b>		<b>38,21,56,326</b>	<b>46,68,93,993</b>

Notes: Unutilized Grants includes advances on Capital Account  
 Unutilized grants include grants received in advance for the next year  
 Unutilized grants are represented on the Assets side by Bank Balance,  
 Short Term Deposits with Banks and advances on Capital Account.

## SCHEDULE - 4: FIXED ASSETS

Amount in Rupees											
Sl. No.	Assts Heads	Gross Block				Depreciation for the year 2020-21				Net Block	
		Opening Balance 01.04.2020	Additions	Deductions	Closing Balance 31.03.2021	Opening Balance 01.04.2020	Depreciation for the year	Deductions/ Adjustment	Total Depreciation	31.03.2021	31.03.2020
1	Land	40,48,117			40,48,117				-	40,48,117	40,48,117
2	Site Development								-	-	-
3	Buildings				-				-	-	-
	i) Office Building	18,46,34,862	42,85,083		18,89,19,945	8,25,66,062	37,78,399		8,63,44,461	10,25,75,484	10,20,68,800
	ii) Residential Building	6,60,82,914			6,60,82,914	2,29,39,641	13,21,658		2,42,61,299	4,18,21,615	4,31,43,273
	iii) Hostel Building	4,40,28,522			4,40,28,522	1,70,85,235	8,80,570		1,79,65,805	2,60,62,717	2,69,43,287
4	Roads & Bridges				-				-	-	-
5	Tubewells & Water Supply	1,18,815			1,18,815	12,566	2,376		14,942	1,03,873	1,06,249
6	Sewerage & Drainage				-				-	-	-
7	Electrical Installation and Equipment	2,69,60,549	27,118		2,69,87,667	61,18,123	13,49,383		74,67,506	1,95,20,161	2,08,42,426
8	Plant & Machinery	11,52,67,646			11,52,67,646	10,60,04,831	57,63,382		11,17,68,213	34,99,433	92,62,815
9	Scientific & Laboratory Equipment	5,69,91,504	1,43,07,178		7,12,98,682	1,71,71,077	57,03,895		2,28,74,972	4,84,23,710	3,98,20,427
10	Office Equipment	61,66,512	5,480		61,71,992	17,26,686	4,62,899		21,89,585	39,82,407	44,39,826
11	Audio Visual Equipment	62,03,728	1,56,465		63,60,193	24,37,462	4,77,014		29,14,476	34,45,717	37,66,266
12	Computers & Peripherals	8,60,05,285	85,12,697	6,59,187	9,38,58,795	7,33,44,634	85,80,490	1,31,837	8,17,93,287	1,20,65,508	1,26,60,651
13	Furniture, Fixtures & Fittings	2,74,97,170	28,90,576		3,03,87,746	2,34,07,858	22,79,081		2,56,86,939	47,00,807	40,89,312
14	Vehicles	34,25,139			34,25,139	15,11,857	3,42,514		18,54,371	15,70,768	19,13,282
15	Library Books & Scientific Journals	1,00,04,762			1,00,04,762	97,24,810	36,145		97,60,955	2,43,807	2,79,952
16	Small Value Assets				-				-	-	-
	<b>Total (A)</b>	<b>63,74,35,525</b>	<b>3,01,84,597</b>	<b>6,59,187</b>	<b>66,69,60,935</b>	<b>36,40,50,842</b>	<b>3,09,77,806</b>	<b>1,31,837</b>	<b>39,48,96,811</b>	<b>27,20,64,124</b>	<b>27,33,84,683</b>

17	Capital Work in Progress(B)	8,74,47,095	3,76,21,920	4,77,39,920	7,73,29,095					7,73,29,095	8,74,47,095
	<b>Intangible Assets</b>	-			-						
18	Computer Software	1,31,07,742	6,17,862		1,37,25,604	1,11,21,349	8,23,699		1,19,45,048	17,80,556	19,86,393
19	E-Journals	-			-						
20	Patents	-			-						
	<b>Total ( C )</b>	<b>1,31,07,742</b>	<b>6,17,862</b>	<b>-</b>	<b>1,37,25,604</b>	<b>1,11,21,349</b>	<b>8,23,699</b>		<b>1,19,45,048</b>	<b>17,80,556</b>	<b>19,86,393</b>
	<b>Grand Total (A + B + C)</b>	<b>73,79,90,362</b>	<b>6,84,24,379</b>	<b>4,83,99,107</b>	<b>75,80,15,634</b>	<b>37,51,72,190</b>	<b>3,18,01,505</b>	<b>1,31,837</b>	<b>40,68,41,858</b>	<b>35,11,73,775</b>	<b>36,28,18,171</b>

Note: The figures in Column "Deductions" under Gross Block against the head Capital Work in Progress represents the transfer from Work in Progress to Assets during the year.  
The figures in column "Additions" the year under Gross Block against Assets 1 to 14 include transfer from Work in Progress during the year, as well as further acquisitions during the year.



## SCHEDULE - 4 A : FIXED ASSETS - PLAN

Amount in Rupees											
Sl. No	Assts Heads	Gross Block				Depreciation for the year 2020-21				Net Block	
		Opening Balance 01.04.2020	Additions	Deductions	Closing Balance 31.03.2021	Opening Balance 01.04.2020	Depreciation for the year	Deductions / Adjustment	Total Depreciation	31.03.2021	31.03.2020
1	Land	40,48,117			40,48,117				-	40,48,117	40,48,117
2	Site Development								-	-	-
3	Buildings				-				-	-	-
	i) Office Building	18,46,34,862	42,85,083		18,89,19,945	8,25,66,062	37,78,399		8,63,44,461	10,25,75,484	10,20,68,800
	ii) Residential Building	6,60,82,914			6,60,82,914	2,29,39,641	13,21,658		2,42,61,299	4,18,21,615	4,31,43,273
	iii) Hostel Building	4,40,28,522			4,40,28,522	1,70,85,235	8,80,570		1,79,65,805	2,60,62,717	2,69,43,287
4	Roads & Bridges				-				-	-	-
5	Tubewells & Water Supply	1,18,815			1,18,815	12,566	2,376		14,942	1,03,873	1,06,249
6	Sewerage & Drainage				-				-	-	-
7	Electrical Installation and Equipment	2,69,60,549	27,118		2,69,87,667	61,18,123	13,49,383		74,67,506	1,95,20,161	2,08,42,426
8	Plant & Machinery	11,52,67,646			11,52,67,646	10,60,04,831	57,63,382		11,17,68,213	34,99,433	92,62,815
9	Scientific & Laboratory Equipment	5,69,91,504	1,43,07,178		7,12,98,682	1,71,71,077	57,03,895		2,28,74,972	4,84,23,710	3,98,20,427
10	Office Equipment	61,66,512	5,480		61,71,992	17,26,686	4,62,899		21,89,585	39,82,407	44,39,826
11	Audio Visual Equipment	62,03,728	1,56,465		63,60,193	24,37,462	4,77,014		29,14,476	34,45,717	37,66,266
12	Computers & Peripherals	8,60,05,285	85,12,697	6,59,187	9,38,58,795	7,33,44,634	-	1,31,837	7,32,12,797	2,06,45,998	1,26,60,651
13	Furniture, Fixtures & Fittings	2,74,97,170	28,90,576		3,03,87,746	2,34,07,858	22,79,081		2,56,86,939	47,00,807	40,89,312
14	Vehicles	20,18,890			20,18,890	12,30,607	2,01,889		14,32,496	5,86,394	7,88,283
15	Library Books & Scientific Journals	1,00,04,762			1,00,04,762	97,24,810	-		97,24,810	2,79,952	2,79,952
16	Small Value Assets				-				-	-	-
	<b>Total (A)</b>	<b>63,60,29,276</b>	<b>3,01,84,597</b>	<b>6,59,187</b>	<b>66,55,54,686</b>	<b>36,37,69,592</b>	<b>2,22,20,546</b>	<b>1,31,837</b>	<b>38,58,58,301</b>	<b>27,96,96,385</b>	<b>27,22,59,684</b>
17	Capital Work in Progress(B)	8,74,47,095	3,76,21,920	4,77,39,920	7,73,29,095					7,73,29,095	8,74,47,095

	<b>Intangible Assets</b>	-			-						
18	Computer Software	1,31,07,742	6,17,862		1,37,25,604	1,11,21,349	-		1,11,21,349	26,04,255	19,86,393
19	E-Journals	-			-						
20	Patents	-			-						
	<b>Total ( C )</b>	<b>1,31,07,742</b>	<b>6,17,862</b>	<b>-</b>	<b>1,37,25,604</b>	<b>1,11,21,349</b>	<b>-</b>		<b>1,11,21,349</b>	<b>26,04,255</b>	<b>19,86,393</b>
	<b>Grand Total (A + B + C)</b>	<b>73,65,84,113</b>	<b>6,84,24,379</b>	<b>4,83,99,107</b>	<b>75,66,09,385</b>	<b>37,48,90,940</b>	<b>2,22,20,546</b>	<b>1,31,837</b>	<b>39,69,79,649</b>	<b>35,96,29,735</b>	<b>36,16,93,172</b>

## SCHEDULE - 4B: NON-PLAN

Sl. No.	Assts Heads	Gross Block				Depreciation for the year 2020-21				Amount in Rupees Net Block	
		Opening Balance 01.04.2020	Additions	Deductions	Closing Balance 31.03.2021	Opening Balance 01.04.2020	Depreciation for the year	Deductions/ Adjustment	Total Depreciation	31.03.2021	31.03.2020
1	Land										
2	Site Development										
3	Buildings										
4	Roads & Bridges										
5	Tubewells & Water Supply										
6	Sewerage & Drainage										
7	Electrical Installation and Equipment										
8	Plant & Machinery										
9	Scientific & Laboratory Equipment										
10	Office Equipment										
11	Audio Visual Equipment										
12	Computers & Peripherals										
13	Furniture, Fixtures & Fittings										
14	Vehicles	14,06,249		-	14,06,249	7,04,301	1,40,625		8,44,926	5,61,323	7,01,948
15	Library Books & Scientific Journals										
16	Small Value Assets										
	<b>Total (A)</b>	<b>1406249</b>	<b>-</b>		<b>14,06,249</b>	<b>7,04,301</b>	<b>1,40,625</b>		<b>8,44,926</b>	<b>8,44,926</b>	<b>7,01,948</b>
17	Capital Work in Progress										
	<b>Total (B)</b>										
	<b>Intangible Assets</b>										
18	Computer Software										
19	E-Journals										
20	Patents										
	<b>Total (C)</b>										
	<b>Grand Total (A + B + C)</b>		<b>-</b>		<b>14,06,249</b>		<b>1,40,625</b>		<b>8,44,926</b>	<b>8,44,926</b>	<b>7,01,948</b>

## SCHEDULE - 4C: INTANGIBLE ASSETS

Amount in Rupees

Sl. No.	Assts Heads	Gross Block				Depreciation for the year 2020-21				Net Block	
		Opening Balance 01.04.2020	Additions	Deductions	Closing Balance 31.03.2021	Opening Balance 01.04.2020	Depreciation for the year	Deductions/ Adjustment	Total Depreciation	31.03.2021	31.03.2020
1	Patents & Copyrights										
2	Computer Software	1,31,07,742	6,17,862		1,37,25,604	1,11,21,349	8,23,699		1,19,45,048	17,80,556	19,86,393
3	E-Journals										
	<b>Total</b>	<b>1,31,07,742</b>	<b>6,17,862</b>		<b>1,37,25,604</b>	<b>1,11,21,349</b>	<b>8,23,699</b>	<b>-</b>	<b>1,19,45,048</b>	<b>17,80,556</b>	<b>19,86,393</b>

**SCHEDULE - 4(C) (i): PATENTS AND COPYRIGHTS**

			Amount in Rupees					
Sl. No.		Particulars	Opening Balance	Additions	Gross	Amortization	Net Block 2021	Net Block 2020
A.	Patents Granted							
	1	Balance as on 31.03.2021 of Patents obtained in ..... Original Value - Rs. ....../-						
	2	Balance as on 31.03.2021 of Patents obtained in ..... Original Value - Rs. ....../-						
	3	Balance as on 31.03.2021 of Patents obtained in ..... Original Value - Rs. ....../-						
	4	Patents granted during the Current Year						
Total								
B.	Patents Pending in respect of Patents applied for							
	1	Expenditure incurred during 2017-18						
	2	Expenditure incurred during 2018-19						
	3	Expenditure incurred during 2019-20						
	4	Expenditure incurred during 2020-21						
Total								
C.	Grant Total (A+B)							

Note: The addition in Part A (patents granted), will be the figure of patents granted during the year, transferred from Part B (column - Patents granted/rejected). The amount against grants rejected during the year is written off in the Income and Expenditure Account

## SCHEDULE 4 D OTHERS

Amount in Rupees

Sl. No.	Assts Heads	Gross Block				Depreciation for the year 2020-21				Net Block	
		Opening Balance 01.04.2020	Additions	Deductions	Closing Balance 31.03.2021	Opening Balance 01.04.2020	Depreciation for the year	Deductions/ Adjustment	Total Depreciation	31.03.2021	31.03.2020
1	Land										
2	Site Development										
3	Buildings										
4	Roads & Bridges										
5	Tubewells & Water Supply										
6	Sewerage & Drainage										
7	Electrical Installation and Equipment										
8	Plant & Machinery										
9	Scientific & Laboratory Equipment										
10	Office Equipment										
11	Audio Visual Equipment										
12	Computers & Peripherals										
13	Furniture, Fixtures & Fittings										
14	Vehicles										
15	Library Books & Scientific Journals										
16	Small Value Assets										
	Total										
17	Capital Work in Progress										
	Total										
	Grand Total										

Note:

The additions during the year including from gifted : Earmarked Funds: Sponsored Projects Own Funds Total

## SCHEDULE - 5: INVESTMENTS FROM EARMARKED / ENDOWMENT FUNDS

Sl. No.	Particulars	Amount in Rupees	
		Current Year	Previous Year
1	In Central Government Securities		
2	In State Government Securities		
3	Other approved Securities		
4	Shares		
5	Debentures and Bonds		
6	Term Deposits with Banks(Schedule 5A)	56,46,993	52,58,730
7	Others (to be specified)		
<b>Total</b>		<b>56,46,993</b>	<b>52,58,730</b>

## SCHEDULE - 5(A): INVESTMENTS FROM EARMARKED / ENDOWMENT FUNDS (FUND-WISE)

Sl. No.	Funds	Amount in Rupees	
		Current Year	Previous Year
1	Investment SBI (OBC)	34,14,508	31,92,232
2	Investment AXIS (PDMTVE)	22,32,485	20,66,498
3			
4			
5			
6			
7			
<b>Total</b>		<b>56,46,993</b>	<b>52,58,730</b>

Note: The total in this sub schedule will agree with the total in Schedule 5.

## SCHEDULE - 6: INVESTMENTS - OTHERS

Sl. No.	Funds	Amount in Rupees	
		Current Year	Previous Year
1	In Central Government Securities		
2	In State Government Securities		
3	Other approved Securities	-	-
4	Shares		
5	Debentures and Bonds		
6	Others (to be specified)		
	<b>Total</b>	-	-

## SCHEDULE - 7 : CURRENT ASSETS

Sl. No.	Particulars	Amount in Rupees	
		Current Year	Previous Year
1	Stocks		
	a) Stores and Spares		
	b) Loose Tools		
	c) Publications		
	d) Laboratory Chemicals, Consumables and Glass ware		
	e) Building Materials		
	f) Electrical Material		
	g) Stationery		
	h) Water Supply Materials		
2	Sundry Debtors		
	a) Debts Outstanding for a period exceeding six months		
	b) Others		
3	Cash and Bank Balance		
	a) With Scheduled Banks		
	* In Current Accounts		-
	* In Term Deposit Accounts	65,34,61,032	58,71,42,582
	* In Savings Account	92,45,554	8,04,62,308
	b) With Non-Scheduled Bank		
	* In Term Deposit Accounts		
	* In Savings Account		
4	Cash in Hand	25,000	25,000
	<b>Total</b>	<b>66,27,31,586</b>	<b>66,76,29,890</b>

Note: Annexure A shows the details of Bank Account



**SCHEDULE - 7 : CURRENT ASSETS  
ANNEXURE - A**

Amount in Rupees

<b>I.</b>	<b>Savings Bank Account</b>	<b>Current Year</b>	<b>Previous Year</b>
1	Grants from UGC A/c		
2	University Receipts A/c		
3	Scholarship A/c		
4	Academic Fee Receipt A/c		
5	Development(Plan) A/c		
6	Combined Entrance Exams(CBT) A/c		
7	UGC Plan Fellowship A/c		
8	Corpus Fund A/c(EMF)	14,56,794	28,96,254
9	Sponsored Projects Fund A/c	19,34,583	73,68,065
10	Sponsored Fellowship A/c		
11	Endowment & Chair A/c (EMF)		
12	UGC JRF Fellowship A/c (EMF)		
13	HBA Fund A/c (EMF)		
14	Conveyance A/c (EMF)		
15	UGC Rajiv Gandhi National Fellowship A/c (EMF)		
16	Academic Development Fund A/c(EMF)		
17	Deposit A/c		
18	Student Fund A/c		
19	Student Aid Fund A/c		
20	Plan Grants for Specific Schemes		
<b>II.</b>	<b>Current Account</b>		
<b>III.</b>	<b>Term Deposits With Schedule Banks</b>		
<b>Total</b>		<b>33,91,377</b>	<b>1,02,64,319</b>

## SCHEDULE - 8 : LOANS, ADVANCES &amp; DEPOSITS

Sl. No.	Particulars	Amount in Rupees	
		Current Year	Previous Year
1	<b>Advances to employees: (Non-interest bearing)</b>		
	a) Salary		
	b) Medical Advance		
	c) Other (to be specified)		
2	<b>Long-Term Advances to employees: (Interest bearing)</b>		
	a) Vehicle Loan(Motor/Scooter Advance)		
	b) Home Loan	18,18,494	20,46,131
	c) Other (Computer Advance)	53,700	90,900
3	<b>Advances and other amounts recoverable in cash or in kind or for value to be received)</b>		
	a) On Capital Account		
	b) To Suppliers	57,12,689	30,04,608
	c) Others	3,82,688	12,30,041
4	Prepaid Expenses		
	a) Insurance		93,606
	b) Other Expenses		
5	Deposits		
	a) Telephone		
	b) Lease Rent		
	c) Electricity		
	d) AICTE, if applicable		
	e) Others (to be specified)	1,46,846	98,532
6	Income Accrued		
	a) On Investments from Earmarked/Endowment Funds		
	b) On Investments - Others	2,15,42,352	2,67,03,617
	c) On Loans and Advances	5,17,145	5,09,973
	d) Others (includes Income due unrealized)		
7	Other - Current Assets receivable from UGC/ sponsored Projects		
	a) Debit Balances in Sponsored Projects		
	b) Debit Balances in Sponsored Fellowships & Scholarships		
	c) Grants Receivable		
	d) Other receivables from UGC		
8	Claims Receivable	-	6,00,00,000
	<b>Total</b>	<b>3,01,73,914</b>	<b>9,37,77,408</b>

Note: 1. If revolving funds have been created for House Building, Computer and Vehicle advances to employees, the advances will appear as part of Earmarked/Endowment Funds. The balance against these interest-bearing advances will not appear in this schedule.

## SCHEDULE - 9 : ACADEMIC RECEIPTS

Sl. No.	Particulars	Amount in Rupees	
		Current Year	Previous Year
<b>FEES FROM STUDENTS</b>			
1	Tuition Fee(STTP Course fees)	1,27,500	31,07,750
	i) M.Tech. Course fees	22,76,400	39,92,200
2	Admission Fee		
3	Enrolment Fee		
4	Library Admission Fee		
5	Laboratory Fee		
6	Art & Craft Fee (M.Tech. Cultural Fees)		
7	Registration Fee		
8	Syllabus Fee		
	<b>Total (A)</b>	<b>24,03,900</b>	<b>70,99,950</b>
<b>EXAMIANCTIONS</b>			
1	Admission Test Fee		
2	Annual Examination Fee		-
3	Mark Sheet, Certificate Fee		
4	Entrance Examination Fee		
	<b>Total (B)</b>		-
<b>OTHER FEES</b>			
1	Identify Card Fee		
2	Fine/Miscellaneous Fee		
3	Medical Fee		
4	Transportation Fee		
5	Hostel Fee		
	i) M.Tech. Sports fees		
	<b>Total (C)</b>	-	-
<b>SALE OF PUBLICATIONS</b>			
1	Sale of Admission Forms		
2	Sale of Syllabus and Question Paper, etc.		
3	Sale of Prospectus including Admission Forms		
	<b>Total (D)</b>		
<b>OTHER ACADEMIC RECEIPTS</b>			
1	Registration Fee for Workshops, Programmes(TEQIP-II, IRG)		-
2	Registration Fees (Academic Staff College)		
	<b>Total (E)</b>	-	-
<b>GRAND TOTAL (A+B+C+D+E)</b>		<b>24,03,900</b>	<b>70,99,950</b>

Note: In case fees like entrance fee, subscriptions etc., are material and are in the nature of capital receipts, such amount should be recognized to the Capital Fund. Otherwise such fees will be appropriately incorporation in this schedule.

**SCHEDULE 10: GRANTS / SUBSIDIES (IRREVOCABLE GRANTS RECEIVED)**

Particulars	Plan		Total Plan	Non Plan UGC (MHRD) (OH-31)	Non Plan UGC (MHRD) (OH-36)	Non Plan UGC (MHRD) (OH- 31-NER)	Current Year Total	Previous Year total	
	Govt. of India(OH-35)	UGC							
		Plan							Specific Schemes
Balance B/F									
<b>Add: Receipts during the year</b>									
i) Plan Recurring (General)(OH-31)				5,01,00,000			5,01,00,000	10,75,00,000	
ii) Plan Recurring (SC)(OH-31)				1,90,00,000			1,90,00,000	70,00,000	
iii) Plan Recurring (ST)(OH-31)				90,00,000			90,00,000	30,00,000	
iv) Non Plan Recurring (Salary)(OH-36)					2,70,00,000		2,70,00,000	16,55,00,000	
iv) Non Plan Recurring (Salary)(SC)(OH-36)					50,00,000		50,00,000	96,67,000	
iv) Non Plan Recurring (Salary)(ST)(OH-36)					80,00,000		80,00,000	48,33,000	
vii) Plan Recurring (General)(NER)							-	-	
viii) Plan Recurring (ST)(NER)							-	-	
IX) Capital(OH-35)							-	-	
IX) Capital(OH-35-SC)							-	-	
IX) Capital(OH-35-ST)							-	-	
<b>Total</b>	<b>-</b>		<b>-</b>	<b>7,81,00,000</b>	<b>4,00,00,000</b>		<b>11,81,00,000</b>	<b>29,75,00,000</b>	
Less: Refund to UGC									
Balance									
Less: Utilised for Capital expenditure (A)	2,00,25,272		2,00,25,272						
Balance	<b>(2,00,25,272)</b>		<b>(2,00,25,272)</b>						
Less: Utilized for Revenue Expenditure (B)				8,38,48,039	12,11,64,748	2,36,364	20,52,49,151	23,28,51,460	
Balance C/F ( C)	<b>(2,00,25,272)</b>		<b>(2,00,25,272)</b>	<b>(57,48,039)</b>	<b>(8,11,64,748)</b>	<b>(2,36,364)</b>	<b>(8,71,49,151)</b>	<b>6,46,48,540</b>	

A. Appears as addition to Capital Fund as well as additions to Fixed Assets during the year

B. Appears as income in the Income & Expenditure Accounts

C. (i) Appears under Current Liabilities in the Balance Sheet and will become the opening balance next year.

(ii) Represented by Bank balances, Investments and Advances on the assets side.

## SCHEDULE - 11 : INCOME FROM INVESTMENT

Amount in Rupees

Sl. No.	Particulars	Earmarked / Endowment Funds		Other Investments	
		Current Year	Previous Year	Current Year	Previous Year
1	Interest				
	a) On government Securities				
	b) Other Bonds/Debentures				
2	i) Interest on Term Deposits	6,23,492	5,81,220	1,81,47,714	1,66,55,557
	ii) Interest on Term Deposits (NER)			42,88,346	52,41,312
3	Income accrued but not due on Term Deposits/ Interest bearing advances to employees				
4	Interest on Savings Bank Accounts	99,800	1,23,496		
5	Others (specify)				
	<b>TOTAL:</b>	<b>7,23,292</b>	<b>7,04,716</b>	<b>2,24,36,060</b>	<b>2,18,96,869</b>
	Transferred to Earmarked/Endowment Funds				
	Balance	Nil	Nil		

Note: Interest accrued but not due on Term Deposits from HBA fund, conveyance advance fund and Computer Advance fund and on interest bearing advances to employees will be included here (Item 3), only where Revolving fund (EMP) for such advances have been set up.

## SCHEDULE - 12 : INTEREST EARNED

Amount in Rupees

Sl. No.	Particulars	Current Year	Previous Year
1	On Savings Accounts with Scheduled Banks	1,13,743	2,14,945
2	On Loans		
	a) Employees/Staff		
	i) Interest on House Building Advance	2,32,935	1,85,287
	ii) Interest on Computer Advance	6,176	9,925
	iii) Interest on Motor Cycle Advance		
	b) Others		
	<b>Total</b>	<b>2,39,111</b>	<b>1,95,212</b>
3	On Debtors and Other Receivables		
	<b>TOTAL</b>	<b>3,52,854</b>	<b>4,10,157</b>

Note: 1. The amount against item 1, in respect of Bank Accounts of Earmarked/Endowment Funds is dealt with in Schedule 11 (First Part) and Schedule 2.  
2. Item 2(a) is applicable only, if Revolving funds have not been constituted for such advances.

## SCHEDULE-13 : OTHER INCOME

Amount in Rupees

Sl. No.	Particulars	Current Year			Previous Year		
		Capital	Corpus	Total	Capital	Corpus	Total
<b>A.</b>	<b>Income from Land &amp; Buildings</b>						
1	Hostel Room Rent/Accommodation Charges	25,015		25,015	9,57,133		9,57,133
2	License Fee		2,66,421	2,66,421		3,06,510	3,06,510
3	Hire Charge of Auditorium/Play Ground/Convention Centre, etc.			-			-
4	Electricity Charges Recovered	4,52,920		4,52,920	3,37,204		3,37,204
5	Water Charges recovered	1,41,127		1,41,127	7,81,041		7,81,041
	<b>Total</b>	<b>6,19,062</b>	<b>2,66,421</b>	<b>8,85,483</b>	<b>20,75,378</b>	<b>3,06,510</b>	<b>23,81,888</b>
<b>B.</b>	<b>Sale of Institute's Publications</b>						
<b>C.</b>	<b>Income from Holding Events</b>						
1	Gross Receipts from Annual Function / Sports carnival						
	Less: Direct expenditure incurred on the annual function sports carnival						
2	Gross Receipts from fates						
	Less: Direct expenditure incurred on the fates						
3	Gross Receipts for educational tours						
	Less: Direct expenditure incurred on the tours						
4	Others (to be specified and separately disclosed)						
	<b>Total</b>						
<b>D.</b>	<b>Others</b>						
1	Income from consultancy(Instt. IRG)		11,351	11,351		1,11,660	1,11,660
2	RTI fees			-			-
3	Income from Royalty		-	-		-	-
4	Sale of application form			-		95,500	95,500
5	Misc. receipts (sale of Tender Form, Waste paper etc.)		21,925	21,925		8,000	8,000
6	Profit on Sale/disposal of Assets			-			-
	a) Owned Assets			-			-
	b) Assets received free of cost			-			-
7	Grants/Donations from Institutions, Welfare Bodies and International Organizations			-			-

## SCHEDULE-13 : OTHER INCOME

Amount in Rupees

		Current Year			Previous Year		
8	Others (specify)			-			-
8a	i) Hostel Meal Charges	94,192		94,192	4,49,112		4,49,112
	ii) Meter Rent	4,190		4,190	4,150		4,150
	iii) Misc. Receipt	1,74,940		1,74,940		6,41,390	6,41,390
	iv) QIP (PhD)			-		6,000	6,000
8b	i) Gratuity Contribution			-			-
	ii) Leave Salary Contribution			-			-
	iii) Pension Contribution			-			-
	<b>Total</b>	<b>2,73,322</b>	<b>33,276</b>	<b>3,06,598</b>	<b>4,53,262</b>	<b>8,62,550</b>	<b>13,15,812</b>
<b>GRAND TOTAL (A+B+C+D)</b>		<b>8,92,384</b>	<b>2,99,697</b>	<b>11,92,081</b>	<b>25,28,640</b>	<b>11,69,060</b>	<b>36,97,700</b>

## SCHEDULE 14: PRIOR PERIOD INCOME

Amount in Rupees

	Particulars	Current Year			Previous Year		
		OH-36	OH-31	Total	OH-36	OH-31	Total
1	Academic Receipts						
2	Income from Investment						
3	Interest earned						
4	Other Income(Liability written back)		-	-			
	<b>Total</b>		-	-			

## SCHEDULE 15: STAFF PAYMENTS &amp; BENEFITS (ESTABLISHMENT EXPENSES)

\*These shall be classified separately for teaching and non-teaching staff, adhoc staff, Arrears of DA, Salary arrears due to increment shall be shown separately

Amount in Rupees

	Particulars	Current Year			Previous Year		
		OH-36	OH-31	Total	OH-36	OH-31	Total
a)	<b>Salaries and Wages</b>						
	i) Salary to Teaching Staff	6,96,30,166		6,96,30,166	6,59,52,744		6,59,52,744
	ii) Salary to Non-Teaching Staff	4,68,29,771		4,68,29,771	4,67,51,927		4,67,51,927
b)	<b>Allowance and Bonus</b>			-			-
	i) Encashment of Leave(LTC)	7,45,741		7,45,741	5,95,112		5,95,112
	ii) Professional Development Allowances	1,43,447		1,43,447	7,11,351		7,11,351
c)	LTC facility	6,28,011		6,28,011	3,97,566		3,97,566
d)	Medical facility	21,99,862		21,99,862	14,38,115		14,38,115
e)	Children Education Allowance	9,87,750		9,87,750	5,33,329		5,33,329
	<b>Total</b>	<b>12,11,64,748</b>	<b>-</b>	<b>12,11,64,748</b>	<b>11,63,80,144</b>	<b>-</b>	<b>11,63,80,144</b>
f)	Contribution to Provident Fund		18,29,594	18,29,594		9,54,995	9,54,995
g)	Contribution to Other Fund (NPS)		40,80,512	40,80,512		36,35,255	36,35,255
h)	<b>Retirement and Terminal Benefits</b>			-			
	i) Leave Encashment			-		10,77,100	10,77,100
	ii) Commuted value of Pension		52,75,520	52,75,520		37,41,183	37,41,183
	iii) Retirement Gratuity		45,91,110	45,91,110		27,08,560	27,08,560
	iv) Leave Salary Contribution		21,97,533	21,97,533		2,81,208	2,81,208
i)	Teaching Assistant		4,51,000	4,51,000		1,49,677	1,49,677
j)	<b>Others (specify)</b>			-			-
	i) Pension		4,03,31,209	4,03,31,209		3,98,90,613	3,98,90,613
	ii) Pension Contribution			-		4,05,112	4,05,112
	iii) Part time Medical Officer(PTMO)		1,50,000	1,50,000		30,000	30,000
	<b>Total</b>	<b>-</b>	<b>5,89,06,478</b>	<b>5,89,06,478</b>		<b>5,28,73,703</b>	<b>5,28,73,703</b>
	<b>Grand Total</b>	<b>12,11,64,748</b>	<b>5,89,06,478</b>	<b>18,00,71,226</b>	<b>11,63,80,144</b>	<b>5,28,73,703</b>	<b>16,92,53,847</b>



## SCHEDULE 16: ACADEMIC EXPENSES

Amount in Rupees

	Particulars	Current Year				Previous Year			
		OH-36	Corpus	OH-31	Total	OH-36	Corpus	OH-31	Total
a)	Laboratory Expenses				-				-
b)	Field Work/Participation in Conferences				-				-
c)	Expenses on Seminars/Workshops				-				-
d)	Payment to Visiting Faculty(Expert Exp.)		32,599		32,599		2,87,051		2,87,051
e)	Examination(M.Tech)		1,26,150		1,26,150				-
f)	Student Welfare Exp.(Medical Insurance to trainees)				-		1,09,980		1,09,980
g)	Admission Expenses				-				-
h)	Convocation Expenses				-				-
i)	Publications				-				-
j)	Stipend/Means-cum-merit Scholarship				-				-
k)	Subscription Expenses(UGC for Deemed University)		15,00,000		15,00,000		15,00,000		15,00,000
l)	<b>Others (specify)</b>				-				-
	i) Teaching Staff (Contractual)				-				-
	ii) In-house Training Programme				-		10,95,082		10,95,082
	iii) Short Term Training Programme			59,472	59,472		1,02,53,646		1,02,53,646
	v) Curriculum Development				-				-
	vi) M.Tech. Course fees(MAKAUT)				-		2,92,605		2,92,605
	<b>TOTAL</b>	-	<b>16,58,749</b>	<b>59,472</b>	<b>17,18,221</b>	-	<b>21,89,636</b>	<b>1,13,48,728</b>	<b>1,35,38,364</b>
<b>c.1)</b>	<b>Expenses on Seminars/Workshops</b>								
	i) Expenses on Workshop(NER)				-		19,10,910		19,10,910
	ii) Short Term Training Programme(NER)			1,75,715	1,75,715		29,56,180		29,56,180
	iii) Curriculum Development(NER)				-		1,69,677		1,69,677
	<b>TOTAL</b>	-		<b>1,75,715</b>	<b>1,75,715</b>	-	<b>50,36,767</b>		<b>50,36,767</b>
	<b>GRAND TOTAL</b>	-	<b>16,58,749</b>	<b>2,35,187</b>	<b>18,93,936</b>	-	<b>21,89,636</b>	<b>1,63,85,495</b>	<b>1,85,75,131</b>

## SCHEDULE 17: ADMINISTRATIVE AND GENERAL EXPENSES

Amount in Rupees

	Particulars	Current Year			Previous Year		
		OH-36	OH-31	Total	OH-36	OH-31	Total
<b>A.</b>	<b>Infrastructure</b>						
	a) Electricity and Power		49,96,252	49,96,252		60,65,566	60,65,566
	b) Water Charges		2,72,860	2,72,860		2,48,616	2,48,616
	c) Insurance			-			
	d) Rent, Rates and Taxes (including property tax)			-		9,28,226	9,28,226
<b>B.</b>	<b>Communication</b>						
	a) Printing and Stationary (consumption)		3,67,497	3,67,497		2,24,304	2,24,304
	b) Travelling and Conveyance Expenses		3,21,209	3,21,209		8,38,127	8,38,127
	c) Hospitality			-			
	d) Auditors Remuneration		4,07,795	4,07,795		3,66,030	3,66,030
	e) Professional Charges(Expert Expenses)			-			-
	f) Advertisement and Publicity		1,77,625	1,77,625		3,56,174	3,56,174
	g) Magazines & Journals/Library periodicals		11,393	11,393		74,231	74,231
<b>C.</b>	h)1. Others (specify)As per Sub-Schedule 17C (n)		1,36,91,622	1,36,91,622	-	1,99,98,294	1,99,98,294
	<b>Total</b>	-	<b>2,02,46,253</b>	<b>2,02,46,253</b>	-	<b>2,90,99,568</b>	<b>2,90,99,568</b>
	2. Others (specify)As per Sub-Schedule 17C (n)(NER)	-	60,649	60,649	-	5,05,848	5,05,848
	<b>Total</b>	-	<b>2,03,06,902</b>	<b>2,03,06,902</b>	-	<b>2,96,05,416</b>	<b>2,96,05,416</b>

		<b>SUB-SCHEDULE 17C (h) Others</b>					
<b>A</b>	<b>Particulars</b>	<b>Current Year</b>			<b>Previous Year</b>		
		<b>OH-36</b>	<b>OH-31</b>	<b>Total</b>	<b>OH-36</b>	<b>OH-31</b>	<b>Total</b>
i)	Consultant Fees		2,20,167	2,20,167		5,73,135	5,73,135
ii)	Consultant Fees(BBSR)		1,22,000	1,22,000		3,09,194	3,09,194
iii)	Legal Expenses		69,285	69,285		1,79,910	1,79,910
iv)	Postage & Telegraph		36,644	36,644		1,52,372	1,52,372
v)	Telephone and Broadband		2,30,194	2,30,194		2,24,720	2,24,720
vi)	Contractual Staff		91,68,462	91,68,462		92,64,097	92,64,097
vii)	Staff Development		4,000	4,000		5,65,824	5,65,824
viii)	Internal Audit Fees		4,79,670	4,79,670		4,08,280	4,08,280
ix)	Security Guard		16,90,481	16,90,481		20,96,545	20,96,545
x)	Annual Event & Similar Expenses(sports)		2,080	2,080		53,529	53,529
xi)	Hostel Expenses		3,94,854	3,94,854		24,03,717	24,03,717
xii)	Misc. Working Expenses		3,21,496	3,21,496		18,60,151	18,60,151
xiii)	Misc. Working Expenses(BBSR)		16,002	16,002		43,652	43,652
xiv)	Office Books		7,204	7,204		14,007	14,007
xv)	Consumable Materials		9,29,047	9,29,047		16,53,020	16,53,020
xvi)	Misc. Office Contingencies		36	36		2,491	2,491
xvii)	Income Tax (Assessed)			-		1,93,650	1,93,650
	<b>TOTAL</b>		<b>1,36,91,622</b>	<b>1,36,91,622</b>		<b>1,99,98,294</b>	<b>1,99,98,294</b>
		<b>-</b>			<b>-</b>		
<b>B</b>	<b>NER EXPENSES</b>						
xviii)	Consultant Fees(NER)			-		90,323	90,323
xix)	Contractual Staff(NER)			-		1,48,539	1,48,539
xx)	misc. working Expenses(NER)			-		2,21,986	2,21,986
xxi)	Bank Charges(NER)		649				
xxii)	Electric Rent(NER)		60,000	60,000		45,000	45,000
	<b>TOTAL</b>		<b>60,649</b>	<b>60,649</b>		<b>5,05,848</b>	<b>5,05,848</b>
		<b>-</b>			<b>-</b>		
	<b>GRAND TOTAL (A+B)</b>		<b>1,37,52,271</b>	<b>1,37,52,271</b>		<b>2,05,04,142</b>	<b>2,05,04,142</b>
		<b>-</b>			<b>-</b>		

## SCHEDULE 18: TRANSPORTATION EXPENSES

Amount in Rupees

	Particulars	Current Year			Previous Year		
		OH-36	OH-31	Total	OH-36	OH-31	Total
1	Vehicles (owned by Institution)						
	a) Running Expenses						
	b) Repairs & Maintenance						
	c) Insurance Expenses						
2	Vehicles taken on rent/lease						
	a) Rent/lease expenses			-	-	2,83,302	2,83,302
3	Vehicle (Taxi) hiring expenses						
	Total	-	-	-	-	2,83,302	2,83,302

Notes:

## SCHEDULE 19: REPAIRS &amp; MAINTENANCE

Amount in Rupees

	Particulars	Current Year			Previous Year		
		OH-36	OH-31	Total	OH-36	OH-31	Total
a)	Building						
b)	Furniture & Fixtures						
c)	Plant & Machinery						
d)	Office Equipment						
e)	Computers						
f)	Laboratory & Scientific Equipment						
g)	Audio Visual Equipment						
h)	Cleaning Material & Services						
i)	Book Binding Charges						
j)	Gardening(Campus Development)					41,96,357	
k)	Estate Maintenance(Operation & Maint.)		18,69,415	18,69,415		1,29,10,578	1,29,10,578
l)	Others (specify)						
	<b>Total</b>	-	<b>18,69,415</b>	<b>18,69,415</b>	-	<b>1,71,06,935</b>	<b>1,71,06,935</b>

Notes:

Other expenses shall be classified as writes - off, provisions, miscellaneous expenses, loss and sale of Investments, loss of Fixed Assets and loss on sale of Fixed Assets etc., and disclosed accordingly.

## SCHEDULE 20: FINANCE COSTS

Amount in Rupees

	Particulars	Current Year				Previous Year		
		OH-36	OH-31		Total	OH-36	OH-31	Total
			Corpus	Main				
a)	Bank Charges		147	63,006	63,153		54,465	54,465
b)	Others (specify)							
	<b>Total</b>		<b>147</b>	<b>63,006</b>	<b>63,153</b>		<b>54,465</b>	<b>54,465</b>

Notes:

If the amount is not material, the head Bank charges could be omitted and these could be accounted as Administrative expenses in Schedule 17.

**SCHEDULE 21: OTHER EXPENSES**

Amount in Rupees

	Particulars	Current Year			Previous Year		
		OH-36	OH-31	Total	OH-36	OH-31	Total
a)	Previous for Bad and Doubtful Debts/Advances						
b)	Irrecoverable Balance Written - off						
c)	Grants/Subsidies to other Institutions / Organizations						
d)	Others (specify)						
	<b>Total</b>		-	-	-	-	-

## Notes:

Other expenses shall be classified as writes - off, provisions, miscellaneous expenses, loss and sale of Investments, loss of Fixed Assets and loss on sale of Fixed Assets etc., and disclosed accordingly.

**SCHEDULE 22: PRIOR PERIOD EXPENSES**

Amount in Rupees

	Particulars	Current Year			Previous Year		
		OH-36	OH-31	Total	OH-36	OH-31	Total
1	Establishment Expenses						
2	Academic Expenses						
3	Administrative Expenses						
	i) Stationery & Printing			-		1,62,000	1,62,000
4	Transportation Expenses						-
5	i) Repairs & Maintenance		3,50,415	3,50,415			-
	ii) Campus Development		23,53,000	23,53,000			
6	Others Expenses						-
	i) Pension Contribution	-		-	-		-
	ii) Course fee/others						-
	iii) Library Books						-
	<b>Total</b>	-	<b>27,03,415</b>	<b>27,03,415</b>	-	<b>1,62,000</b>	<b>1,62,000</b>

## RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2021

Amount in Rupees

RECEIPTS		Current year	Previous year	PAYMENTS		Current year	Previous year
I.	Opening balances			I.	Expenses		
a)	Cash Balance	25,000		a)	Establishment Expenses	17,79,41,869	16,85,15,002
b)	Bank Balances			b)	Academic Expenses	21,09,993	1,71,09,379
i)	In Current account			c)	Administrative Expenses	2,05,24,587	3,56,26,411
ii)	In Savings account	8,04,62,308	(39,70,650)	d)	Transportation Expenses	-	4,60,019
iii)	In deposit account			e)	Repairs & Maintenance	15,26,616	1,21,63,274
				f)	Prior period expenses	27,03,415	1,62,000
II.	Grants Received			II.	Payments against Earmarked/ Endowment Funds	19,91,488	27,99,555
a)	From Government of India		29,75,10,000				
i)	Grant-in-aid Capital(OH-35-Main)	-					
ii)	Grant-in-aid Capital(NER-OH-35)	-					
iii)	Grant-in-aid(OH-31)(Main)	7,81,00,000					
iv)	Grant-in-aid(OH-31)(NER)	-					
v)	Grant-in-aid(OH-36)(Main)	4,00,00,000					
vi)	Grant Receivable (OH-31)	-					
vii)	Grant Receivable (OH-35-Capital)	-					
viii)	Grant Receivable(OH-36)	6,00,00,000					
b)	From State Government						
c)	From other sources(details (Grants for capital & revenue exp./ to be shown separately if available)						
III.	Academic Receipts	24,73,900	71,05,950	III.	Payments against Sponsored Projects/Schemes		
IV.	Receipts against Earmarked/ Endowment Funds	29,03,582	18,17,980	IV.	Payments against Sponsored Fellowships/Scholarships		

## RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2021

Amount in Rupees

RECEIPTS		Current year	Previous year	PAYMENTS		Current year	Previous year
V.	Receipts against Sponsored Projects/Schemes			V.	Investments and Deposits made		
				a)	Out of Earmarked/Endowments funds	10,74,02,184	
				b)	Out of own funds (Investments-Other)		
VI.	Receipts against sponsored Fellowships and Scholarships			VI.	Term Deposits with Scheduled Banks	54,13,48,032	98,01,23,978
VII.	Income on Investments from						
a)	Earmarked/Endowment funds	4,30,242					
b)	Other investments						
				VII.	Expenditure on Fixed Assets and Capital Works-in-progress		
				a)	Fixed Assets	3,06,61,556	7,40,45,189
				b)	Capital Works-in-progress	3,76,21,920	1,04,35,000
VIII	Interest received on			VIII	Other Payments including Statutory payments	1,77,48,585	1,82,09,374
a)	Bank Deposits	4,08,09,940	3,68,42,290				
b)	Loans and Advances	2,18,362	1,57,986				
c)	Savings Bank Accounts	2,77,768	6,89,578				
IX.	Investments encashed			IX.	Refunds of Grants		
X.	Term Deposits with Scheduled Banks encashed	57,56,97,819	96,96,33,033	X.	Deposits and Advances	50,11,497	1,08,42,070
XI.	Other Income(including peior period income)	11,88,181	33,57,010	XI.	Other Payments	4,93,23,459	2,75,82,620
XII.	Deposits and Advances	5,07,85,806	7,88,60,627	XII.	Closing balances		
				a)	Cash in hand	25,000	25,000
XIII	Miscellaneous Receipts including Statutory Receipts			b)	<b>Bank balances</b>		
					In Current account	-	
		5,97,58,083	4,60,89,623		In Savings account	(25,78,080)	8,04,62,308
XI	Any Other Receipts	2,31,130	4,67,752		In deposit account		
V.							
		99,33,62,121	1,43,85,61,179			99,33,62,121	1,43,85,61,179



**NITTR, KOLKATA EXTENSION CENTRE, GUWAHATI, ASSAM  
BALANCE SHEET AS AT 31ST MARCH, 2021**

Amount in Rupees

<b>CAPITAL FUND &amp; LIABILITIES</b>	<b>Current year</b>	<b>Previous Year</b>
<b>CAPITAL FUND</b>	1,41,58,251	1,41,67,804
RESERVES & SURPLUS		
EARMARKED / ENDOWMENT FUNDS		
<b>CURRENT LIABILITIES &amp; PROVISIONS</b>	-	
a) Unutilised Grants :- a) Capital (OH-35)	5,98,72,624	5,98,72,624
b) General (OH-31)	2,60,14,627	2,19,61,949
b) Payable against Workshop(NER)	2,500	-
c) Liabilities for Expenses(Provisions)		2,17,791
d) Other Liabilities(Provision for Depreciation)	55,810	46,257
<b>TOTAL</b>	<b>10,01,03,812</b>	<b>9,62,66,425</b>
<b>ASSETS</b>		
<b>FIXED ASSETS</b>		
Office Equipment	99,276	99,276
Furniture and Fixture	28,100	28,100
<b>INVESTMENT</b>		
Investment lying with Main account	9,62,13,251	9,35,46,033
Accrued Interest on Investment		-
<b>CURRENT ASSETS, LOANS, ADVANCES :</b>		
<b>Advance to PWD, Guwahati</b>	33,02,441	13,00,000
Seminer/Workshop Advance		8,00,000
STTP Advance		1,23,820
<b>CURRENT ASSETS</b>		
Grant-in-aid Receivable		
SBI, GUWAHATI	3,59,514	3,60,163
SBI, SALT LAKE (NER)	1,01,230	9,034
<b>TOTAL</b>	<b>10,01,03,812</b>	<b>9,62,66,426</b>

**NITTTR, KOLKATA EXTENSION CENTRE, GUWAHATI, ASSAM**  
**SCHEDULE - 1: CORPUS / CAPITAL FUND**

		Amount in Rupees	
	Particulars	Current Year	Previous Year
	Balance at the beginning of the year	1,41,67,804	1,44,78,360
Add:	Contributions towards Corpus/Capital Fund		
Add:	Grants from UGC, Government of India and State Governemnt to the extent utilized for capital expenditure	-	-
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:	Excess of Income over Expenditure transferred from the Income & Expenditure Account		-
Add:	Balance with Main a/c		
Add:	Deffered Income (AS-12)	(9,553)	(9,553)
<b>Total</b>		<b>1,41,58,251</b>	<b>1,44,68,807</b>
(Deduct)	Deficit transferred from the Income & Expenditure Account		3,01,002
(Deduct)	Unutilised Capital Grants of earlier years		
<b>Balance at the year end</b>		<b>1,41,58,251</b>	<b>1,41,67,804</b>

**NITTTR, KOLKATA EXTENSION CENTRE, GUWAHATI, ASSAM**  
**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2021**

		Amount in Rupees	
		Current year	Previous Year
<b>(A) INCOME</b>			
1.	Grants / Subsidies		
2.	Fees/Subscriptions		
3.	Income from Investments	42,88,346	52,41,312
4.	Interest Earned on Saving Bank	695	301
5.	Other Income		
6.	Deffered Income (AS-12)	9,553	9,553
<b>TOTAL (A)</b>		<b>42,98,594</b>	<b>52,51,166</b>
<b>(B) EXPENDITURE</b>			
1.	Establishment Expenses	60,649	1,93,539
2.	Other Administrative Expenses etc	-	3,12,309
3.	Academic Expenses	1,75,715	50,36,767
4.	Depreciation (Net Total at the year end)	9,553	9,553
<b>TOTAL (B)</b>		<b>2,45,917</b>	<b>55,52,168</b>
Unspent balance of Un-utilised Grants transferred to Other Current Liabilities [Sch.3(c)A.3(b) of Main Account]		<b>40,52,677</b>	<b>3,01,002</b>

**NITTR, KOLKATA EXTENSION CENTRE, GUWAHATI, ASSAM**  
**RECEIPTS & PAYMENTS ACCOUNT FOR THE YEAR ENDING 31ST MARCH 2021**

Amount in Rupees

RECEIPTS	Current year	Previous year	PAYMENTS	Current year	Previous year
<b>Opening Balances :</b>					
Opening Balance SBI, Guwahati Branch	3,60,163	4,49,205	STTP Advance		6,38,664
Opening Balance SBI, Salt Lake(NER)	9,034	8,733	Seminar/Work Shop Advance		20,34,900
Opening Balance SBI, Salt Lake(Main)	9,35,46,033	9,52,96,582	Work Shop/Saminar Expenses		14,32,124
<b>Grant in Aid :</b>			Office Equipment		29,500
Plan Recurring (General)(NER)(OH-31)			Consultant Remuneration		1,10,323
Plan Recurring (SC)(NE)			Contractual Staff Salary		1,64,023
Plan Recurring (ST)(NE)			Misc.Working Expenses	57,505	2,21,986
Plan Capital (NE)			STTP Programme	3,36,001	29,56,180
Plan Capital (NE)(SC)			Curriculum Development		1,58,697
Plan Capital (NE) (ST)			PWD Guwahati (Rec.) Advance	20,02,441	13,00,000
Interest on Savings Bank	695	301	Bank Charges	649	708
Intt. On investment	42,88,346	52,41,312	Electric Rent	60,000	45,000
Hostel Seat Rent		5,320	Spent from main		
Work Shop Advance	8,02,500	14,55,554			
STTP Advance	1,23,820	5,14,844			
Consultant Remuneration		20,000	a) SBI, Guwahati Branch	3,59,514	3,60,163
Contractual Staff		15,484	b) SBI, Salt lake (NER)	1,01,230	9,034
			c) SBI, Salt Lake (with Main a/c)	9,62,13,251	9,35,46,033
<b>TOTAL</b>	<b>9,91,30,591</b>	<b>10,30,07,335</b>	<b>TOTAL</b>	<b>9,91,30,591</b>	<b>10,30,07,335</b>

**NITTR, KOLKATA EXTENSION CENTRE, BHUBANESWAR, ORISSA  
RECEIPTS & PAYMENTS ACCOUNT FOR THE YEAR ENDING 31ST MARCH 2021**

Amount in Rupees

<b>RECEIPTS</b>	<b>Current year</b>	<b>Previous year</b>	<b>PAYMENTS</b>	<b>Current year</b>	<b>Previous year</b>
Opening Balance SBI, Bhubaneswar Branch	1,83,495	2,08,321			
			STTP Programme	1,13,743	3,14,229
			STTP Programme Advance		2,45,100
Spent from Kolkata Office	2,19,284	6,77,653	Electric Rent		
			Consultant Fees	1,22,000	3,34,194
STTP Advance	52,100	1,98,000	Contractual Staff Salary	30,000	
STTP Programme		11,696	Water Charges		
Consultant Fees		25,000	Misc. Working Expenses	16,002	43,652
			Closing Balance SBI, Bhubaneswar Branch	1,73,134	1,83,495
<b>TOTAL</b>	<b>4,54,879</b>	<b>11,20,670</b>	<b>TOTAL</b>	<b>4,54,879</b>	<b>11,20,670</b>

**PROVIDENT FUND ACCOUNT  
BALANCE SHEET AS AT MARCH 31, 2021**

Amount in Rupees

Amount 31/Mar/20	Liabilities	Amount 31/Mar/21	Amount 31/Mar/20	Assets	Amount 31/Mar/21
	<b>GPF</b>		11,23,55,420	Investment	11,91,12,289
10,28,41,483	Opening Balance	12,08,39,893	64,47,069	Int. accrued as on 31/03/21	40,57,649
-	Less: Subscription adjustment			Subscription Due for March, 2021	
1,57,93,800	Add: Subscription in the Year	1,66,42,200		GPF	
-	Add: Recovery of GPF Advance		12,48,050	GPF Advance	1,71,500
	Add: Sub for March 2021			CPF	
84,53,202	Add: Interest Credited	91,83,243		UC due to CPF	
62,48,592	Less: Advance/withdrawal	2,16,58,730		NPS-II	
<b>12,08,39,893</b>	<b>Closing Balance</b>	<b>12,50,06,606</b>	9,54,995	Receivable from Main Account	18,29,594
				Tax recovered from interest on Investments Pending refund from Income Tax Department	
	<b>CPF</b>			<b>Cash at Bank</b>	
	Opening Balance			SBI, Branch-I	1,961
	Less: Sub. For March 2020		746	SBI, Branch-II	
	Add: Subscription in the Year			Cash in hand	
	Add: Sub. For March 2021				
	Add: Interest Credited				
	Less: Advance/withdrawal				
	Closing Balance				
	<b>University Contribution (CPF)</b>				
	Opening Balance				
	Less: Contribution for March 2020				
	Add: Subscription in the Year				
	Add: Contribution for March 2021				
	Add: Interest Credited				
	Less: Advance/withdrawal				
	Closing Balance				
	<b>NPS Tier-II Account</b>				
	Opening Balance				
	Less: Sub. For March 2020				
	Add: Subscription in the Year				
	Add: Sub. For March 2021				
	Add: Interest Credited				
	Less: Advance/withdrawal				
	Closing Balance				
	<b>Interest Reserve</b>				
-	Opening Balance	-			
-	Add, subscription adjustment				
	Add, Excess of Income over Expenditure				
-	Less, Excess of Expenditure over Income	-			
-	<b>Closing Balance</b>	-			
1,66,387	Cheque Cancellation	1,66,387			
<b>12,10,06,280</b>	<b>Total</b>	<b>12,51,72,993</b>	<b>12,10,06,280</b>	<b>Total</b>	<b>12,51,72,993</b>

**PROVIDENT FUND ACCOUNT**  
**INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2021**

Amount in Rupees

Amount 31/Mar/20	Expenditure	Amount 31/Mar/21	Amount 31/Mar/20	Income	Amount 31/Mar/21
	<b>Interest Credited to :</b>				
84,53,202	GPF Account	91,83,243		<b>Interest earned on Investment</b>	
	CPF Account		72,70,059	Add: Interest accrued on 31/3/2021	73,46,556
	University Contribution (CPF)		98,948	Add, Interest on savings account	7,093
	NPS Tier-II Account		-	Add: Interest on Subscription	
59	Bank Charges		9,73,582	Add, Interest shortfall receivable	
	Excess of Income over Expenditure	-		Less: Interest accrued for March-20	
			1,10,672	Excess of Expenditure over Income	18,29,594
<b>84,53,261</b>	<b>Total</b>	<b>91,83,243</b>	<b>84,53,261</b>	<b>Total</b>	<b>91,83,243</b>

**PROVIDENT FUND ACCOUNT**  
**RECEIPTS AND PAYMENTS ACCOUNTS FOR THE FINANCIAL YEAR 2020-21**

Amount in Rupees

Amount 31/Mar/20	Receipts	Amount 31/Mar/21	Amount 31/Mar/20	Payments	Amount 31/Mar/21
	<b>Opening Balance as on 1/4/20</b>		75,33,592	GPF Adv./Withdrawal	2,16,65,380
34,29,046	SBI, Branch-I	746	-	CPF Adv./Withdrawal	
	SBI, Branch-II			NPS Tier-II	
1,57,93,800	GPF Subscription	1,66,32,200		University Contribution Withdrawal	
11,78,650	GPF Adv./Withdrawal	10,93,200			
	CPF Subscription		59	Bank Charges	-
	CPF University Contribution		1,82,90,000	Investment during the year	9,59,80,000
	NPS Tier-II Account				
51,86,058	Investment Encashed	9,46,82,419			
	<b>Interest Received</b>				
68,948	Accrued intt. On investment	19,62,743			
-	Intt. On investment SBI	28,54,149			
68,947	Intt. On investment HUDCO	4,14,791		<b>Closing Balance:-</b>	
98,948	Intt. On Savings Bank SBI	7,093	746	SBI, Branch-I	1,961
-	Interest on Subscription			SBI, Branch-II	
<b>2,58,24,397</b>	<b>Total</b>	<b>11,76,47,341</b>	<b>2,58,24,397</b>	<b>Total</b>	<b>11,76,47,341</b>

**CORPUS FUND**  
**BALANCE SHEET AS AT 31ST MARCH, 2021**

Amount in Rupees

<b>CAPITAL FUND &amp; LIABILITIES</b>	<b>Current year</b>	<b>Previous Year</b>
<b>CAPITAL FUND</b>	23,94,66,514	21,89,74,944
RESERVES & SURPLUS	1,44,27,149	2,04,91,570
<b>CURRENT LIABILITIES &amp; PROVISIONS</b>	-	
a) Deposits (Security)	8,78,500	9,80,500
b) Liabilities (Others)	73,24,176	38,24,612
b) Payable to Main a/c	-	-
c) Liabilities for Expenses(Provisions)		
d) Other Liabilities		
<b>TOTAL</b>	<b>26,20,96,339</b>	<b>24,42,71,626</b>
<b>ASSETS</b>		
<b>FIXED ASSETS</b>		
Office Equipment		
Furniture and Fixture		
<b>INVESTMENT</b>		
Investment with Bank(IOB)	14,60,83,154	13,79,81,640
Investment lying with Main account	10,06,88,237	8,52,60,800
Accrued Interest on Investment	1,37,77,429	1,81,11,912
<b>CURRENT ASSETS, LOANS, ADVANCES, DEPOSITS :</b>		
Receivable from Main ac.		
Advance		
Deposits/TDS	90,725	21,020
<b>OTHER CURRENT ASSETS</b>		
Bank Balances	14,56,794	28,96,254
<b>TOTAL</b>	<b>26,20,96,339</b>	<b>24,42,71,626</b>

**CORPUS FUND**  
**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2021**

Amount in Rupees

		Current year	Previous Year
<b>(A) INCOME</b>			
1.	Grants / Subsidies		
2.	Fees/Subscriptions	24,03,900	70,99,950
3.	Income from Investments	1,33,21,759	1,43,35,100
4.	Interest Earned on Saving Bank	60,689	77,096
5.	Other Income	2,99,697	11,69,060
<b>TOTAL (A)</b>		<b>1,60,86,045</b>	<b>2,26,81,206</b>
<b>(B) EXPENDITURE</b>			
1.	Establishment Expenses		
2.	Other Administrative Expenses etc	16,58,896	21,89,636
3.	Academic Expenses		
4.	Depreciation (Net Total at the year end)		
<b>TOTAL (B)</b>		<b>16,58,896</b>	<b>21,89,636</b>
Balance being excess of Expenditure over Income (B-A))		<b>1,44,27,149</b>	<b>2,04,91,570</b>



**PDMTVE**  
**BALANCE SHEET AS AT 31ST MARCH, 2021**

Amount in Rupees

LIABILITIES	Amount	Amount	ASSETS	Amount	Amount
<b>Capital Fund</b>	21,53,582				
Add, Resurve and surplus					
for the year 2020-21	1,35,574	22,89,156	Investment with Axis Bank		22,32,485
			Accrued intt. on Investment		56,671
			Cash at Bank (Axis Bank, Salt Lake Branch)		
<b>TOTAL</b>		<b>22,89,156</b>	<b>TOTAL</b>		<b>22,89,156</b>

**PDMTVE**  
**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING 31ST MARCH, 2021**

Amount in Rupees

EXPENDITURE	Amount	INCOME	Amount
		Interest on Investment	1,35,574
Income over Expenditure	1,35,574		
<b>TOTAL</b>	<b>1,35,574</b>	<b>TOTAL</b>	<b>1,35,574</b>

**MODERNISATION OF MECHANICAL ENGG**  
**(MOD MECH-II)**  
**BALANCE SHEET AS AT 31ST MARCH, 2021**

Amount in Rupees

LIABILITIES	Amount	Amount	ASSETS	Amount	Amount
<b>Capital Fund:</b>					
As per last a/c		45,299			
Reserve and surplus		1,491	Cash at Bank(IOB, Salt Lake Br. A/c. No.089301000016235)		46,790
<b>TOTAL</b>		<b>46,790</b>	<b>TOTAL</b>		<b>46,790</b>

**MODERNISATION OF MECHANICAL ENGG.  
(MOD MECH-II)  
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING 31ST MARCH, 2021**

Amount in Rupees

EXPENDITURE	Amount	INCOME	Amount
Bank Charge		Interest on Saving Bank	1,491
Surplus of income over expenditure	1,491		
<b>TOTAL</b>	<b>1491</b>	<b>TOTAL</b>	<b>1491</b>

**MODERNISATION OF COMPUTER LAB  
BALANCE SHEET AS AT 31ST MARCH, 2021**

Amount in Rupees

LIABILITIES	Amount	ASSETS	Amount
<b>Capital Fund</b>			
As per last a/c	72,017		
Surplus of income over expenditure	1,978	Balance with SBI, Salt Lake br. (A/c. No.10836429526)	73,995
<b>TOTAL</b>	<b>73,995</b>	<b>TOTAL</b>	<b>73,995</b>

**MODERNISATION OF COMPUTER LAB  
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING 31ST MARCH, 2021**

Amount in Rupees

EXPENDITURE	Amount	INCOME	Amount
		Interest on savings account	1,978
Income over Expenditure	1,978		
<b>TOTAL</b>	<b>1,978</b>	<b>TOTAL</b>	<b>1,978</b>

**NITTR SKILL CONTEST  
BALANCE SHEET AS AT 31ST MARCH, 2021**

Amount in Rupees

LIABILITIES	Amount	Amount	ASSETS	Amount	Amount
<b>Capital Fund</b>	41,44,153		<b>CURRENT ASSETS :</b>		
Less: Excess of Income over Expenditure	2,94,989	44,39,142	Fixed Deposit with Bandhan Bank		44,24,791
			TDS(IT)		4,800
			<b>Bank balances with</b>		
			Bandhan Bank, Salt Lake Br., A/c.50150086041000		9,551
<b>TOTAL</b>		<b>44,39,142</b>	<b>TOTAL</b>		<b>44,39,142</b>

**SKILL CONTEST**  
**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING 31ST MARCH, 2021**

Amount in Rupees

EXPENDITURE	Amount	INCOME	Amount
		Interest on Bandhan Bank from :	
		Savings Bank	321
		Fixed Deposit	2,94,668
Surplus of Income over Expenditure	2,94,989		
<b>TOTAL</b>	<b>2,94,989</b>	<b>TOTAL</b>	<b>2,94,989</b>

**DST COVID-19**  
**BALANCE SHEET AS AT 31ST MARCH, 2021**

Amount in Rupees

LIABILITIES	Amount	Amount	ASSETS	Amount	Amount
Capital Fund	-		<b>CURRENT ASSETS</b>		
			Computer Peripherals		1,61,102
Surplus of Income over Expenditure		5,68,788			
			Bank balance with Axis Bank, Salt Lake. A/c. No.911010001723267		4,07,686
<b>TOTAL</b>		<b>5,68,788</b>			<b>5,68,788</b>

**DST COVID-19**  
**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING 31ST MARCH, 2021**

Amount in Rupees

EXPENDITURE	Amount	INCOME	Amount
		Received from Science and Engg. Research Board, Dept. of Sc. & Technology	7,50,000
Advertisement	5,897	Bank Interest	20,166
Honorarium	2,000		
Remuneration	1,93,481		
Surplus of Income over Expenditure	5,68,788		
<b>TOTAL</b>	<b>7,70,166</b>	<b>TOTAL</b>	<b>7,70,166</b>

**OBC EXPANSION  
BALANCE SHEET AS AT 31ST MARCH, 2021**

Amount in Rupees

LIABILITIES	Amount	Amount	ASSETS	Amount	Amount
<b>Capital Fund</b>			<b>ASSETS</b>		
As per last account	33,92,159		<b>CURRENT ASSETS :</b>		
Add: Excess of income over expenditure	1,96,090				
	35,88,249		<b>Investment with SBI</b>		
Less: Assets transferred to Capital(Main) a/c	-	35,88,249	As per last a/c	31,92,232	
			Add: Reinvested this year	2,02,276	
			Add: Invested this year	20,000	34,14,508
			<b>Tax Deducted at Source</b>		
			As per last a/c	44,712	-
			Less: Refund of the AY 2018-19	16,591	28,121
			Accrued interest on Investment		40,582
			Bank balances with		
			SBI, Salt Lake Br.(A/c. No.30493303827)		1,05,038
<b>TOTAL</b>		<b>35,88,249</b>	<b>TOTAL</b>		<b>35,88,249</b>

**OBC EXPANSION  
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING 31ST MARCH, 2021**

Amount in Rupees

EXPENDITURE	Amount	INCOME	Amount
		Interest on Investment SBI	1,93,250
		Interest on Savings bank	2,840
Surplus of Income over Expenditure	1,96,090		
<b>TOTAL</b>	<b>1,96,090</b>	<b>TOTAL</b>	<b>1,96,090</b>

**OBC EXPANSION  
RECEIPTS & PAYMENTS ACCOUNT FOR THE YEAR ENDING 31ST MARCH 2021**

Amount in Rupees

RECEIPTS	Amount	PAYMENTS	Amount
Opening balance with SBI, Salt Lake	1,05,607	Investment	20,000
Interest on Saving Bank	2,840		
Refund of TDS for the AY 2018-19	16,591		
		<b>Closing Balance</b>	
		SBI, Salt Lake Br.(A/c. No.30493303827)	1,05,038
<b>TOTAL</b>	<b>1,25,038</b>	<b>TOTAL</b>	<b>1,25,038</b>

**QIP AICTE-2018  
BALANCE SHEET AS AT 31ST MARCH, 2021**

Amount in Rupees

LIABILITIES	Amount	Amount	ASSETS	Amount	Amount
<b>Capital Fund:</b>					
As per last a/c	2,32,963				
Add: Surplus of Income over expenditure	30	2,32,993			
Provision for expenses		-			
			Cash at Bank(SBI, Salt Lake Br. A/c. No.37656008603)		2,32,993
<b>TOTAL</b>		<b>2,32,993</b>	<b>TOTAL</b>		<b>2,32,993</b>

**QIP AICTE-2018  
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING 31ST MARCH, 2021**

Amount in Rupees

EXPENDITURE	Amount	INCOME	Amount
Remuneration		Grant-in-aid	
Consumable Materials			
Misc. Working Expenses	12,110	Interest on Saving Bank	12,140
Surplus of Income over expenditure	30		
<b>TOTAL</b>	<b>12,140</b>	<b>TOTAL</b>	<b>12,140</b>

**MOOC  
BALANCE SHEET AS AT 31ST MARCH, 2021**

Amount in Rupees

LIABILITIES	Amount	Amount	ASSETS	Amount	Amount
<b>Capital Fund:</b>					
As per last a/c	12,58,861				
Less: Surplus of Expenditure over Income	2,77,302	9,81,559			
			Cash at Bank(SBI, Salt Lake Br. A/c. No.37765738068)		9,81,559
<b>TOTAL</b>		<b>9,81,559</b>	<b>TOTAL</b>		<b>9,81,559</b>

**MOOC  
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING 31ST MARCH, 2021**

Amount in Rupees

EXPENDITURE	Amount	INCOME	Amount
Remuneration (Contractual Staff)	3,08,000	GRANT-IN-AID	-
		Interest on Saving Bank	30,698
		Surplus of Expenditure over Income	2,77,302
<b>TOTAL</b>	<b>3,08,000</b>	<b>TOTAL</b>	<b>3,08,000</b>

**NATIONAL RESOURCE CENTRE (NRC)  
BALANCE SHEET AS AT 31ST MARCH, 2021**

Amount in Rupees

LIABILITIES	Amount	Amount	ASSETS	Amount	Amount
<b>Capital Fund:</b>					
As per last a/c	15,13,965				
Less: Surplus of Expenditure over Income	14,36,994	76,971			
			Cash at Bank(SBI, Salt Lake Br. A/c. No.37765737086)		76,971
<b>TOTAL</b>		<b>76,971</b>	<b>TOTAL</b>		<b>76,971</b>

**NATIONAL RESOURCE CENTRE (NRC)  
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING 31ST MARCH, 2021**

Amount in Rupees

EXPENDITURE	Amount	INCOME	Amount
		Interest on Saving Bank	33,006
Refund to AICTE (through DD)	14,70,000		
		Surplus of Expenditure over Income	14,36,994
<b>TOTAL</b>	<b>14,70,000</b>	<b>TOTAL</b>	<b>14,70,000</b>

SCHEDULES FORMING PART OF ACCOUNTSSCHEDULE 23 – ACCOUNTING POLICIES(a) *The basis of preparation of Accounts*

- 1) The financial statements are prepared on the basis of historical cost convention, unless otherwise stated and on the accrual method of accounting.
- 2) This Institute financed by the Govt. of India, Ministry of Human Resource Development receives grants and compiles the accounts with proper Schedules:
  - Balance Sheet
  - Income and Expenditure Account
  - Receipts and Payments Account.

(b) *Revenue Recognition*

- Gratuity and Leave Encashment are accounted for on cash basis

(c) *Accounting for income from and expenditure on specialized activities such as Research*

- No income and expenditure on research.

(d) *Conversion or translation of foreign currency (in case of organization receiving foreign funds/Incurring expenditure in Foreign Exchange on import).*

- Earning In foreign currency – Nil

(e) *Method(s) of depreciation*

- Depreciation is provided on straight line basis as per rates specified by the Ministry of Human Resource Development, Department of Higher Education, New Delhi.

Fixed Assets	Rate of Depreciation
Residential Building	2%
Office Building	2%
Hostel Building	2%
Plant & Machinery	5%
Furniture & Fixtures	7.5%
Computer & Peripherals	20%
Library Books and Scientific Journals	10%
Electric Installation and Equipment	5%
Audio Visual Equipment	7.5%
Office Equipment	7.5%
Scientific and Laboratory Equipment	8%
Tube Wells and Water Supply	2%
Computer Software	40%
Office Vehicle	10%

- The corresponding amount of current depreciation is deemed as deferred income and deducted from current capital fund as per guidelines specified in AS-12 relating to Accounting Treatment of Government Grant.

- As per New Format of Financial Statements for Central Higher Educational Institutions issued by the MHRD, the method of Depreciation of Fixed Assets were changed from WDV to Straight Line method from the year 2014-15.

(f) *Valuation of inventories*

- No Inventory

(g) *Valuation of investments*

- Investments classified as " long term investments" are carried at cost. Provision for decline, other than temporary, is made in carrying

cost of such investments.

- Investments classified as " current" are carried at lower of cost and fair value. Provision for shortfall on the value of such investments

is made for each investment considered individually and not on a global basis.

- Cost includes acquisition expenses like brokerage, transfer stamps.

(h) *Treatment of employee benefits*

- Payment to employees are accounted for on accrual basis
- Gratuity and Leave Encashment benefits at retirement are paid on Death/Retirement of Employees on cash basis.

(i) *Valuation of fixed assets*

- Fixed Assets are stated at cost of acquisition inclusive of inward freight, duties and taxes and incidental and direct expenses related to

acquisition. In respect of projects involving construction, related pre-operational expenses, form part of the value of the assets capitalized.

(j) *Treatment of Contingent liabilities*

- Disclosed in Notes On Accounts.

(k) *Expenditure during construction*

- Accounted for as Work-in- progress which is Rs.773.30 Lacs as on 31.03.2021

(l) *Assets of small value*

- Assets has been considered with value and life of asset.

(m) *Accounting treatment of leasehold land*

- Leasehold land appears in accounts at cost. The lease period is of 999 years.

(n) *Accounting of Earmarked funds and Endowment Funds with a brief description of each fund.*

- Capital Fund stands as accumulated balance of Government Grants.
- Corpus Fund has been created during the year from Internally generated revenue of previous years and current year.

- Disclosed in Schedule 2 of statement of accounts.

(o) *Amortization of wasting assets*

- No amortization of wasting assets.

(p) *Accounting treatment of Plan/Non-plan Grants received from Govt.*



- Government grants of the nature of contribution towards capital cost of setting up projects are treated as Capital Fund.
- Grants in respect of specific fixed assets acquired are shown as a deduction from the cost of the related assets.
- Government grants/subsidy are accounted on accrual basis.

(q) *Accounting treatment of sponsored Projects/Schemes/Programmes (Receipts and expenditure) and income from such schemes (Overhead recoveries, institutional charges/project management fees etc.)*

- Disclosed in Schedule 2 of statement of accounts

(r) *Accounting treatment of Assets acquired out of sponsored project funds and earmarked Funds*

- Capitalized as asset.

(s) *Accounting treatment of Fellowships and Scholarships*

- No such money is received.

(t) *Classification and treatment of Deferred Revenue Expenditure*

- Revenue Expenditure are accounted for the year.

(u) *Treatment of Assets acquired by the Grantee institutions out of grants given to them by the institutions (if applicable).*

- No such asset acquired.

(v) *Taxation status*

- In view of there being no taxable income under section 10(23iiiab) of Income Tax Act,1961, no provision for Income tax has been considered necessary.

SCHEDULE 24:- CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS:A. CONTINGENT LIABILITIES

1. Claim against the Entity not acknowledge as debts	Nil
2. Guarantees and Letters of credit outstanding	
• Bank guarantees given by/on behalf of the Institute	Rs. 18,96,440
• Letters of Credit opened by Bank on behalf of the Institute	Rs. Nil
• Bills discounted with banks -	Rs. Nil
3. Other items for which the entity is contingently liable	Nil

B. NOTES ON ACCOUNTS

1. Commitments on capital Account not provided for Rs.615.08 Lacs

2.a. Educational institutions should host following information in public domain so as to enable all other stakeholders to have a bird's

eye view of educational institution's capacity and capability :

i. No. of students	(a) STTP = 15,687; (b) M.TECH.= 75 (1 <sup>ST</sup> and 2 <sup>ND</sup> year)	
ii. Number of teachers	32 and Director	
iii. Collection on account of building fund and expenditure thereof		Nil
iv. Collection for sports activities and expenditure thereof		Nil
v. Collection for co-curricular activities and expenditure thereof		Nil
vi. Collection on account of development charges and expenditure thereon		Nil
vii. Collection for medical expenses and expenditure thereon		Nil
viii. Compliance with statutory dues like EPF and ESI	Complied with	
ix. Salary structure of teachers	As per UGC guidelines	

2.b. Number of Library Books in hand as on 31.03.2021 is 24,222 (previous year 24,222)

3. Related Party Disclosures

As per Accounting standard (AS) 18, Related Party Disclosures, issued by the Institute of Chartered Accountants of India.:

i.	The transaction between the educational institution and the society managing the educational institution.	Nil
ii.	Transaction between the educational institution and the members of the governing body of the educational Institution. Nil	
iii.	Transaction between the educational institution and the author of the institution. Nil	
iv.	Transaction between the educational institution with another educational institution or any other educational entity managed by the same trust or society, if permitted by the relevant bye-laws etc. Nil	
v.	Transaction between the educational institution and the relatives of the members of the governing body managing the educational institution or the author of the founder of the institution. For this purpose, a relative, in the context of an individual, means "the spouse, son, daughter, brother and other who may be expected to influence, or influenced by, that individual in his/her dealing with the educational institution". Nil	
vi.	Transaction between the educational institution and its 'key management personnel' or the relatives of the key management personnel. Key management personnel would represent those persons in the educational institution who have the authority and responsibility for planning, directing and controlling the activities of the educational institution, an example of key management personnel is the Director. Nil	



SPEED POST

भारतीय लेखा तथा लेखा-परीक्षा विभाग  
महा निदेशक, लेखा-परीक्षा का कार्यालय,  
केन्द्रीय, कोलकाता

INDIAN AUDIT AND ACCOUNTS DEPARTMENT  
OFFICE OF THE DIRECTOR GENERAL OF AUDIT,  
CENTRAL, KOLKATA.

CONFIDENTIAL

No: OA II (AB)/AR/2020-21/NITTTR/212

Date: 23.09.2021

A copy of the Separate Audit Report, alongwith Annexure, on the accounts of the National Institute of Technical Teachers' Training and Research, Kolkata, for the financial year 2020-21, is forwarded to **the Director, National Institute of Technical Teachers' Training and Research, Block FC, Sector-III, Salt Lake, Kolkata, 700106** for information and necessary action.

Arrangement may please be made for preparation of Hindi Version of the Separate Audit Report, with Annexure, at your end, and sending the same directly to the Ministry.

It may please be ensured that the Audited Accounts and the Separate Audit Report, along with Annexure, are placed before the apex body, for consideration and adoption, before the same are sent to the Government for being placed in the Parliament.

A copy of the printed Annual Report, for the financial year 2020-21 (both English and Hindi Version), containing the Audited Accounts and the Separate Audit Report, along with Annexure, as laid before the Parliament, may please be forwarded to this Office, for necessary action at this end.

Encl.: As stated



  
Dy. Director (Inspection)

जि. आई. प्रेस बिल्डिंग, 8 किरण शंकर राय रोड (1म मंजिल), कोलकाता-700001  
Govt. of India Press Building. 8, Kiran Sankar Roy Road, Kolkata- 700001  
Phone : 2254-0221, (Gram: ACCOUNTCENT) POST BOX: 2699, Fax No.: 033 22135377



SPEED POST

भारतीय लेखा तथा लेखा-परीक्षा विभाग  
महा निदेशक, लेखा-परीक्षा का कार्यालय,  
केन्द्रीय, कोलकाता

**INDIAN AUDIT AND ACCOUNTS DEPARTMENT  
OFFICE OF THE DIRECTOR GENERAL OF AUDIT,  
CENTRAL, KOLKATA.**

**CONFIDENTIAL**

**No: OA II (AB)/AR/2020-21/NITTTR/211**

**Date: 23.09.2021**

To  
The Secretary,  
Ministry of Education,  
Department of Higher Education, Shastri Bhavan,  
New Delhi - 110001

**Subject:** Separate Audit Report on the accounts of the National Institute of Technical Teachers' Training and Research, for the financial year 2020-21

Sir,

I am to forward herewith the Separate Audit Report, in the prescribed format, on the accounts of the National Institute of Technical Teachers' Training and Research, Kolkata, for the financial year 2020-21. A copy of the annual accounts of the organisation, for the financial year 2020-21, is also enclosed.

2. A copy of the Separate Audit Report (both English and Hindi Version), as presented before the Parliament, may please be forwarded to this office, for necessary action at this end.
3. The dates of laying of the audited accounts and the Separate Audit Report, for the financial years 2019-20 and 2020-21, on the Tables of both the Houses of Parliament, may also please be communicated to this office.

Yours faithfully,

(Deepak Narain)  
Director General of Audit  
Central: Kolkata

Encl.: As stated

जि. आई. प्रेस बिल्डिंग, 8 किरण शंकर राय रोड (1म मंजिल), कोलकाता-700001  
Govt. of India Press Building. 8, Kiran Sankar Roy Road, Kolkata- 700001  
Phone : 2254-0221, (Gram: ACCOUNTCENT) POST BOX: 2699, Fax No.: 033 22135377

**Separate Audit Report of the Comptroller & Auditor General of India on the Accounts of the National Institute of Technical Teachers' Training and Research, Kolkata, for the year ended 31 March 2021**

We have audited the attached Balance Sheet of the National Institute of Technical Teachers' Training and Research, Kolkata, as at 31 March 2021, the Income and Expenditure Account and Receipts and Payments Account, for the year ended on that date, under Section 20(1) of the Comptroller and Auditor General's (Duties, Power and Conditions of Service) Act, 1971. The audit has been entrusted for the period upto the financial year 2022-23. These financial statements include the accounts of two Extension Centres of the Institute. These financial statements are the responsibility of the Institute's management. Our responsibility is to express an opinion on these financial statements, based on our audit.

2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only, with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms etc. Audit observations on financial transactions, in regard to compliance with the Law, Rules and Regulations (Propriety and Regularity) and efficiency-cum-performance aspects etc, if any, are reported through Inspection Reports/CAG's Audit Reports separately.

3. We have conducted our audit in accordance with 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. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An 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.

4. Based on our audit, we report that:

- i. We have obtained all the information and explanations, which, to the best of our knowledge and belief, were necessary for the purpose of our audit;
- ii. The Balance Sheet and Income and Expenditure Account/Receipts and Payments Account, dealt with in this report, have been drawn up in the format prescribed by the Ministry of Human Resource Development, Government of India, vide order No. 29-4/2012-FD dated 17 April 2015.
- iii. In our opinion, proper books of accounts and other relevant records have been maintained by the National Institute of Technical Teachers' Training and Research (NITTTR), Kolkata, as required under the rules and regulations of the Institute, insofar as it appears from our examination of books.
- iv. We further report that:

#### **Comments on Accounts**

##### **A. General Comments**

1.1 The Institute may reconcile the discrepancy of ₹25.12 crore (₹25.68 crore - ₹0.56 crore) between the Investments made from the 'Designated/ Earmarked/ Endowment Funds' (Schedule 2) and 'Investments from Earmarked/ Endowment Funds' (Schedule 5).

1.2 Despite mention in the previous years' Audit Report, no provisions for retirement benefits, such as gratuity, pension and leave encashment, were made on 'actuarial valuation' basis, in contravention of Accounting Standard-15.

**B. Grants-in-Aid**

The Institute is mainly financed by grants from the Government of India. At the end of the financial year 2019-20, the Institute had an unspent balance of ₹46.69 crore, including NER grants of ₹8.18 crore. During the financial year 2020-21, it received grants of ₹11.81 crore (Plan General (Recurring) (OH-31): ₹7.81 crore and Non-plan (Salary) (OH-36): ₹4.00 crore) and earned interest of ₹2.24 crore.

Out of the total amount of ₹60.74 crore (including the unspent balance of the financial year 2019-20), so available, it utilized grants of ₹22.52 crore (Creation of Capital Assets: ₹2.00 crore, General: ₹8.38 crore, Salaries: ₹12.12 crore and NER: ₹0.02 crore), leaving an unspent balance of ₹38.22 crore, including NER grants of ₹8.59 crore.

**C. Management Letter**

Deficiencies not included in the Audit Report have been brought to the notice of the Director, NITTTR, Kolkata, through a management letter, issued separately, for remedial/corrective action.

v. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income and Expenditure Account and Receipts and Payments Account, dealt with in this report, are in agreement with the books of accounts.

vi. In our opinion, and to the best of our information, and according to the explanations given to us, the said financial statements, read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in Annexure to this Audit Report, give a true and fair view, in conformity with the accounting principles generally accepted in India:

- a. insofar as it relates to the Balance Sheet, of the state of affairs of the National Institute of Technical Teachers' Training and Research, Kolkata, as at 31 March 2021, and
- b. insofar as it relates to Income and Expenditure Account of the surplus, for the year ended on that date.

**For and on behalf of the C&AG of India**

**Place:-Kolkata**  
**Date:- 23.09.2021**

*Deepak Narain*  
**(Deepak Narain)**  
**Director General of Audit**  
**Central :: Kolkata**



### **Annexure**

#### **A. Adequacy of the Internal Audit System**

The Internal Audit System is inadequate, as there is no Internal Audit Wing/sanctioned post for Internal Auditor, in the Institute. The internal audit of the Institute, for the financial year 2020-21, was, however, got conducted, by engaging a Chartered Accountant firm.

#### **B. Adequacy of the Internal Control System**

- a. The accounts are not coded.
- b. Cheque protectors are not being used.
- c. Not all the suppliers' invoices are being routed through the Accounts Department.
- d. No security deposits/ fidelity guarantees are being obtained in respect of employees, who are handling valuables, such as cash and stock.

#### **C System of Physical Verification of Fixed Assets**

The Institute conducted physical verification of its Fixed Assets, for the financial year 2020-21.

#### **D Regularity in payment of Statutory Dues:**

The Institute was regular in payment of its Statutory Dues.

## RETIREMENT



### *Shri Yagomay Das*

Technical Officer

Shri Yagomay Das joined the Institute on 05/09/1994. He has retired from the Institute as Technical Officer on 12/12/2020 on VRS.



### *Ashis Kumar Das*

Senior Technical Assistant

Shri Ashis Kumar Das joined the Institute on 11/03/1996. He has retired from the Institute as Senior Technical Assistant on 31/12/2020.



### *Swapan Dey*

Section Officer Grade II

Shri Swapan Dey joined the Institute on 06/02/1990. He has retired from the service as Section Officer Gr. II on 31/01/2021.

## OBITUARY

- **31/07/2020:** Shri Bechu Gopal Banerjee joined the Institute on 18/08/1967. He was retired on superannuation from the service as Lower Division Clerk on 31/01/2003.
- **17/11/2020:** Shri Jatindra Nath Jana joined the Institute on 03/10/1969. He was retired on superannuation from the service as Peon on 09/07/1990.
- **14/12/2020:** Prof. Debansu Ray joined the Institute on 14/01/1971. He was retired on superannuation from the service as Professor on 29/02/2004.





## NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH, KOLKATA

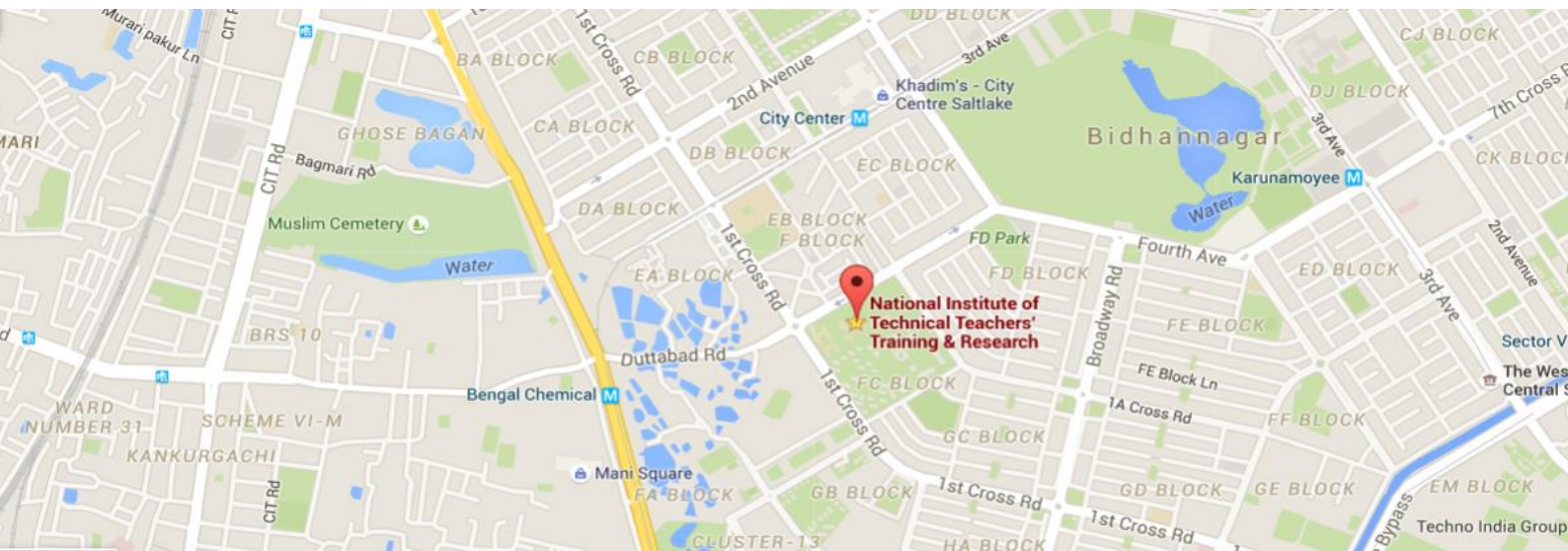
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Visit us at [www.nitttrkol.ac.in](http://www.nitttrkol.ac.in)

### How to Reach NITTTR, Kolkata

The Institute is located near Labony Bus Stand (Sector-III), FC Block in Salt Lake City, Kolkata 700106 and can be reached by taxi from Netaji Subhas Chandra Bose International Airport and also from Howrah, Shalimar, Sealdah and Kolkata Railway Stations.



### Distance:

- From Howrah Railway Station: **42 min** (8.1 km) via Maniktala Main Road
- From Sealdah Station: **26 min** (7.4 km) via Beliaghata Main Road and Broadway Road
- From Kolkata Railway Station: **16 min** (4.8 km) via Canal Circular Road
- From Shalimar Station: **38 min** (18.8 km) via Parama Island Flyover
- From Netaji Subhas Chandra Bose International Airport: **27 min** (11.5 km) via Kazi Nazrul Islam Sarani/VIP Road

Google map link: <https://goo.gl/maps/F7gssJoeqxSvffqf9>