

# **ANNUAL REPORT (2019-20)**



**NATIONAL INSTITUTE OF TECHNOLOGY-ARUNACHAL  
PRADESH**

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

**(YUPIA, ARUNACHAL PRADESH)**

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**A. From the Desk of the Director:**

It gives me immense pleasure to present the Annual Report for the year 2019-20 to the students, faculty, staff and well-wishers of NIT Arunachal Pradesh. The NIT Arunachal Pradesh started its journey in the year 2010 and subsequently got the status of Institute of National Importance by an Act of Parliament. Since then, the Institute has witnessed remarkable changes both in terms of its qualitative and quantitative development in academic and other areas of research, innovations etc. NIT Arunachal Pradesh is going to completed 10 years in next year, which it planned to celebrate throughout the year in a grand way. For which it planned to organize series of lectures by distinguished external speakers, conferences, workshops and seminars across the various departments of the Institute. The Institute has already marked by holding several events including lectures by eminent professors, workshops and conferences in 2019-20. I am pleased to share several highlights from the eventful year for the Institute.

News letter of Arunchal Pradesh “TECHNODAYA” has been started, its first volume and first issue has been published on 11<sup>th</sup> October, 2018. Few MOU has been signed with various leading Institution in India in terms of collaborative research and faculty/student exchange programmes. TEQIP Cell of NIT Arunachal Pradesh contributed significantly for development of our Library and laboratories. TEQIP Cell also sponsored various FDP programmes and workshops which are either conducted or attended by our faculty members. The various external funding agencies like: DST-SERB, CSIR, DBT, ICMR, NMHS, MOEF, MEITY funded many research projects of our Institute. Many outreach activities like clean India drive, rainwater harvesting has been done by our faculty members and students. The fraternity of NIT Arunachal Pradesh is committed to better performance in the days to come as the premier technical Institute of this region. Many activities and initiatives have been taken under this financial year. The details are given in this Annual Report 2019-20.

With best wishes.

Prof. Pinakeswar Mahanta  
Director, NIT Arunachal Pradesh.

## B. INSTITUTE'S AUTHORITIES

### I – Board of Governors

Name	Position	Designation/Affiliation	E-mail
Prof. Pinakeswar Mahanta	Chairperson and Ex-officio Member	Director, NIT Arunachal Pradesh	<a href="mailto:director@nitap.ac.in">director@nitap.ac.in</a>
Shri Madan Mohan	Member	Additional Director General (HE), Ministry of Education (Shiksha Mantralaya), Govt. of India, New Delhi	<a href="mailto:mmohan.edu@gov.in">mmohan.edu@gov.in</a>
Mrs. Darshana M. Dabral	Member	Financial Adviser, Ministry of Education (Shiksha Mantralaya), Govt. of India, New Delhi	<a href="mailto:jsfa.edu@gov.in">jsfa.edu@gov.in</a> / <a href="mailto:internalfinance1@gmail.com">internalfinance1@gmail.com</a> / <a href="mailto:dm.dabral@nic.in">dm.dabral@nic.in</a>
Dr. Tayek Talom	Member	Director, Higher & Technical education, Govt. of Arunachal Pradesh, Phnoe:0360-2214416	<a href="mailto:dhearunachal@rediffmail.com">dhearunachal@rediffmail.com</a> / <a href="mailto:director.hte.ita@gmail.com">director.hte.ita@gmail.com</a>
Dr. Atop Lego	Member	Chief Engineer (SID&P), Arunachal Pradesh Public Works Department, Govt. of Arunachal Pradesh	<a href="mailto:cesidp-pwd-arn@nic.in">cesidp-pwd-arn@nic.in</a>
Prof. S. Basu	Member	Professor, IIT Guwahati	<a href="mailto:saurabh@iitg.ernet.in">saurabh@iitg.ernet.in</a> / <a href="mailto:basu.saurabhiitg@gmail.com">basu.saurabhiitg@gmail.com</a>
Dr. Mainak Mallik	Member	Associate Professor, Department of Civil Engineering & Dean (Planning & Development), NIT Arunachal Pradesh	<a href="mailto:mainak@nitap.ac.in">mainak@nitap.ac.in</a>
Dr. Ram Prakash Sharma	Member	Associate Professor, Department Mechanical Engineering & Dean (Student Affairs) NIT Arunachal Pradesh	<a href="mailto:rpsharma@nitap.ac.in">rpsharma@nitap.ac.in</a>
Dr. Uday Kumar Khanikar	Registrar & Secretary (Ex-officio)	Registrar, NIT Arunachal Pradesh	<a href="mailto:registrar@nitap.ac.in">registrar@nitap.ac.in</a>

## II – SENATE

Name	Position	E-mail
The Director	Ex-Officio Chairman	Prof. Pinakeswar Mahanta, Director, NIT-Arunachal Pradesh E-mail: <a href="mailto:director@nitap.ac.in">director@nitap.ac.in</a>
The Professors appointed or recognized as such by the Institute for the purpose of imparting instructions in the Institute	Invitee	(i) Dr. Uday Kumar Khanikar, Registrar, E-mail: <a href="mailto:registrar@nitap.ac.in">registrar@nitap.ac.in</a> (ii) Dr. Mainak Mallik, Associate Professor, Civil Engineering, E-mail: <a href="mailto:mainaknitap@gmail.com">mainaknitap@gmail.com</a>
Three persons, one of whom shall be a women, not being employees of the Institute, to be nominated by the Chairpersons in consultation with the Director, from amongst educationalists of repute, one each from the field of science, engineering and humanities.	Members	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">                     Prof. Ayon Bhattarcharjee, Professor, Dept. of Physics, NIT, Meghalaya, E-mail: <a href="mailto:ayonbh@nitm.ac.in">ayonbh@nitm.ac.in</a> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">                     Prof. V. S. Mohalkar, Professor, Dept. of Chemical, IIT Guwahati. E-mail: <a href="mailto:vmoholkar@iitg.ac.in">vmoholkar@iitg.ac.in</a> </div> <div style="border: 1px solid black; padding: 5px;">                     Prof. Jumyir Basar, Professor, AITS, RGU Arunachal Pradesh, E-mail: <a href="mailto:jumyir@gmail.com">jumyir@gmail.com</a> </div>
Such other members of the staff as may be laid down in the Statues.	Invitee	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">                     Dr. Rajen. Pudur, Dean I/C (Exam &amp; Academic), NIT, A.P. E-mail: <a href="mailto:rajenpudur@nitap.ac.in">rajenpudur@nitap.ac.in</a> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">                     Dr. K. R. Singh, Asso. Dean I/C (Exam &amp; Academic), NIT, A.P. E-mail: <a href="mailto:karamratan@nitap.ac.in">karamratan@nitap.ac.in</a> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">                     Dr. Yaka Bulu, HoD(ECE), NIT-A.P. E-mail: <a href="mailto:yakabulo@nitap.ac.in">yakabulo@nitap.ac.in</a> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">                     Dr. Jumrik Taipodia, HoD(CE), NIT-A.P. E-mail: <a href="mailto:jumrik@nitap.ac.in">jumrik@nitap.ac.in</a> </div> <div style="border: 1px solid black; padding: 5px;">                     Dr. Anup Paul, HoD(ME), NIT-A.P. E-mail: <a href="mailto:anup@nitap.ac.in">anup@nitap.ac.in</a> </div>

	Dr. A. Banerjee, HoD(EE), NIT-A.P. E-mail: abhik@nitap.ac.in
	Dr. K. Sambyo, HoD(CSE), NIT-A.P. E-mail: kajsambyo@nitap.ac.in
	Dr. K. Mondal, HoD(CHE), NIT-A.P. E-mail: kartick@nitap.ac.in
	Prof. Vijayakumar Kathirvel HoD(MH), NIT-A.P. E-mail: vijayakumar@nitap.ac.in
	Dr. S. Maity, HoD(BAS & BT), NIT-A.P. E-mail: susanta@nitap.ac.in

### III – FINANCE COMMITTEE

Name	Position	Designation/Affiliation	E-mail ID
Prof. Pinakeswar Mahanta	Chairperson and Ex-officio Member	Director, NIT Arunachal Pradesh	director@nitap.ac.in
Shri Madan Mohan	Member	Additional Director General (HE), Ministry of Education (Shiksha Mantralaya), Govt. of India, New Delhi	mmohan.edu@gov.in
Mrs. Darshana M. Dabral	Member	Financial Adviser, Ministry of Education (Shiksha Mantralaya), Govt. of India, New Delhi	jsfa.edu@gov.in / internalfinance1@gmail.com/ dm.dabral@nic.in
Dr. Atop Lego	Member	Chief Engineer (SID&P), Arunachal Pradesh Public Works Department, Govt. of Arunachal Pradesh	cesidp-pwd-arn@nic.in
Dr. Mainak Mallik	Member	Associate Professor, Department of Civil Engineering & Dean (Planning & Development), NIT Arunachal Pradesh	mainak@nitap.ac.in
Dr. Uday Kumar Khanikar	Registrar & Member Secretary (Ex-officio)	Registrar, NIT Arunachal Pradesh	registrar@nitap.ac.in

**V – BOARD OF STUDIES**  
**Department of Computer Science & Engineering**

**Chairman (*Ex-Officio*)**

1 Head, Department of Computer Science & Engineering (at the grade of Professor only), National Institute of Technology- Arunachal Pradesh

**Members**

- 2 Prof (Dr.) Ajit Pal,  
Department of Computer Science & Engineering, IIT-Kharagpur,
- 3 Prof (Dr.) Atal Chowdhury,  
Department of Computer Science & Engineering, Jadavpur University, Kolkata
- 4 Prof (Dr.) Bubu Bhuyan,  
Associate Professor and Head of the Department of Information Technology, NEHU, Shillong
- 5 Prof (Dr.) Samir Roy,  
Department of Computer Science & Engineering, NITTTR, Kolkata, West Bengal

**Department of Electronics & Communication Engineering**

**Chairman (*Ex-Officio*)**

1 Head, Department of Electronics & Communication Engineering (at the grade of Professor only), National Institute of Technology- Arunachal Pradesh

**Members**

- 2 Prof. (Dr.) P. P. Sahu  
Head of the Department,  
Electronics & Communication Engineering, Tezpur University, Tezpur, Assam
- 3 Prof. (Dr.) A. Hussain  
Department of Electronics & Communication Engineering, NERIST, Nirjuli, Arunachal Pradesh
- .

- 4 Prof. (Dr.) Monojit Mitra  
Department of Electronics &  
Communication Engineering,  
BESU, Shibpur, West Bengal
- 5 Prof. (Dr.) P. K. Basu  
Department of Radio Physics &  
Electronics, Calcutta University,  
Kolkata, West Bengal

### **Department of Electrical & Electronics Engineering**

#### **Chairman (*Ex-Officio*)**

- 1 Head, Department of Electrical &  
Electronics Engineering  
(at the grade of Professor only),  
NIT-Arunachal Pradesh

#### **Members**

- 2 Prof. (Dr.) U. K. Sharma  
Former Professor Electrical  
Engineering & Former  
Director, NERIST, Nirjuli,  
Arunachal Pradesh
- 3 Prof. (Dr.) P. Sarkar  
Department of Electrical  
Engineering NITTTR, Salt Lake,  
Kolkata, West Bengal
- 4 Prof. (Dr.) S. S. Pattanaik  
Department of Electrical  
Engineering,  
NITTR, Chandigarh
- 5 Prof. (Dr.) S. Sen  
Department of Radio Physics &  
Electronics, Calcutta University,  
Kolkata, West Bengal

## VI – BOARD OF RESEARCH

### Chairperson

- 1 Prof. Pinakeswar Mahanta  
Director, NIT-Arunachal Pradesh, Po – Yupia,  
Dist. – Papum Pare,  
Arunachal Pradesh – 791112.  
E-mail ID: [director@nitap.ac.in](mailto:director@nitap.ac.in)

### Members

- 2 Prof. Gautam Ghose  
Professor, ECE, IRP & Electronics,  
CU, Kolkata  
E-mail: [gogglre.rpe@gmail.com](mailto:gogglre.rpe@gmail.com)
- 3 Dr. P. Kothari  
Director General, J. B. Group of  
Educational Institutions  
E-mail ID: [dg@jbgroup.org.in](mailto:dg@jbgroup.org.in)
- 4 Prof. R. N. Bera  
Professor & Head, ECE, SMU  
E-mail: [rbera50@gmail.com](mailto:rbera50@gmail.com)
- 5 Prof. M. V. Pitke  
Former Professor, CSE, TIFR,  
Mumbai  
E-mail ID: [pitke@vsnl.com](mailto:pitke@vsnl.com)
- 6 Prof. Ajit Pal  
Professor, CSE, IIT Kharagpur  
E-mail ID:  
[apal@cse.iitkgp.ernet.in](mailto:apal@cse.iitkgp.ernet.in)
- 7 Dr. Bubu Bhuyan  
Reader & Head, IT, NEHU  
E-mail: [b.bhuyan@gmail.com](mailto:b.bhuyan@gmail.com)
- 8 Prof. Promod Pathak  
Professor, DMS, ISM, Dhanbad  
E-mail ID:  
[pramod\\_ism@rediffmail.com](mailto:pramod_ism@rediffmail.com)
- 9 Dr. Pratap Kumar Swain  
DIC (R&D) NIT Arunachal Pradesh  
E-mail ID: pratap@nitap.

## Meeting of Authorities of the Institute

The meeting of the Board of Governors, Finance Committee, Building and Works Committee, Senate and Board of Studies and Board of Research were held regularly during the period under report, in accordance with the stipulations provided in the NIT Act, 2007, and the NIT (Amendment) Act, 2012 and the First Statutes of the NITs. The details of the meetings held during the period under report are as follows:

Board of Governors	:	18/06/2019; 23/09/2019; 21/01/2020; 25/02/2020
Finance Committee	:	18/06/2019; 23/09/2019; 21/01/2020; 25/02/2020
Senate	:	14/06/2019; 25/07/2019; 05/09/2019; 11/11/2019; 10/01/2020
Building and Works Committee	:	25/02/2020

### ADMINISTRATION:

<b>Director</b>	Prof. Pinakeswar Mahanta
<b>Registrar</b>	Dr. Uday Kumar Khanikar
<b>Dean (R &amp; D)</b>	Dr. Pratap Kumar Swain
<b>Dean (E &amp; A)</b>	Dr. Rajen Pudur
<b>Dean (FW)</b>	Dr. Utpal Kumar Saha
<b>Dean (SA)</b>	Dr. Ram Prakash Sharma
<b>Dean (P &amp; D)</b>	Dr. Mainak Mallik
<b>Deputy Registrar (Finance)</b>	Mr. Sanjay Mandal

### Other Standing Committee members:

<b>Construction Committee</b>	Dr. Mainak Mallik, Dean (P & D) (Chairman)
	Dr. M. Berlin Asst. Professor, Civil Engineering (Members)
	Dr. Dipak Sen Asst. Professor, Mechanical Engineering (Members)
	Mr. Gomar Bam Electrical Engineer, NIT Arunachal Pradesh (Members)
	Mr. Gautam Roy Asst. Registrar, NERIST (External Member)
<b>Central Purchase Committee</b>	Dr. Yang Saring (Chairman)
	All Deans & HoDs (Members)
<b>Hostel Management Committee</b>	Dr. Rajen Pudur (Chairperson & Chief Warden)
	All Wardens (members)

<b>Anti Ragging Committee</b>	Director (Chairman)
	All Deans, All HoDs, Registrar, All Wardens, Officer in Charge of Doimukh Police station and two student representatives (Members)
<b>Unnat Bharat Abhiyan Cell</b>	Dr. Dipak Sen, Asst. Professor, Mechanical Engineering (Coordinators)
<b>Right to Information Cell</b>	Dr. Annat Kumar Atta, Asst. Professor, Chemistry (CPIO)
<b>Women Cell</b>	Dr. Pallabi Kalita Hui, Asst. Professor, Biotech (Chairman)
<b>SC/ST/ OBC Cell</b>	<ol style="list-style-type: none"> <li>1. Dr. Koj Sambyo Asst. Professor, CSE (Liaison officer, ST)</li> <li>2. Dr. Shakti Prasad, Asst. Professor, Mathematics (Liaison officer, SC)</li> <li>3. Dr. Vijayakumar, Asst. Professor, Management &amp; Humanities (Liaison officer, OBC)</li> </ol>
<b>Peer Review Cell</b>	Dr. Isha T. B., Professor, Electrical Engineering (Chairman)
<b>Central Library</b>	Mr. Mohit Kumar De, Asst. Librarian, NIT AP

## 1. Academic Departments & Faculty Strength

Department	HoD	Asst. Professor			Associate Professor			Professor			Total
		M	F	T	M	F	T	M	F	T	
Basic & Applied Science	Dr. Susanta Maity	1	0	10	0	0	0	0	0	0	10
Bio-Technology		1	2	3	0	0	0	0	0	0	3
Chemical Engineering	Dr. Ananta Kumar Atta	3	0	3	0	0	0	0	0	0	3
Civil Engineering	Dr. Jumurik Taipodia	1	2	3	1	0	1	0	0	0	4
Computer Science & Engineering	Dr. Koj Syambo	8	0	8	0	0	0	0	0	0	8
Electrical Engineering	Dr. Abhik Banarjee	6	0	6	0	0	0	0	1	1	7
Electronics & Communication Engineering	Dr. Yaka Bulo	5	3	8	0	0	0	0	0	0	8
Mechanical Engineering	Dr. Anup Paul	5	1	6	1	0	1	2	0	2	9
Management & Humanities	Dr. K. Vijya Kumar	2	0	2	0	0	0	1	0	1	3

## **2. ACADEMIC ACTIVITIES**

### **2.0 Introduction**

During the year under report, the Institute offered 7 Undergraduate (B. Tech program in Mechanical Engineering, Civil Engineering, Electrical Engineering, Computer Science Engineering, Electronics and Communication Engineering, Biotechnology and Chemical Engineering) and 5 Postgraduate programmes (M. Tech in Renewable Energy & Energy Management, Computer Science & Engineering, VLSI and Mechanical Engineering along with one M. Sc program in Applied Physics) Ph.D. programmes in all the major disciplines of Science and Engineering.

### **2.1 sixth Convocation Report.**

The 6<sup>th</sup> Convocation of NITAP was held on 8<sup>th</sup> February, 2020 at 11 AM in Technology Enhanced Learning (TEL) Centre at NIT Arunachal Pradesh Campus, Yupia, District-PapumPare, Arunachal Pradesh-791112. Shri Kiren Rijiju, Honourable Union Minister of State for Sports and Youth affairs (Independent Charge) and Minister of State Minority Affairs, Government of India, was the Chief Guest and delivered the Convocation Address. Prof. Bibhuti Bhusan Biswal, Director, National Institute of Technology, Meghalaya attended the Convocation as a Guest of Honour and delivered speech. Prof. Pinakeswar Mahanta, Director, NITAP presented a report on the activities and achievements of NIT AP. Special Invitees: Dr. Andu Dukpa, President of JNEC, Mr. Kala Tshering, Sr. Academic, Dept. of Mechanical Engineering and Mr. Phuba, Asst. Examination and Record Officer, Jigme Namgyel Engineering College, Royal University of Bhutan, Bhutan



## 2.2 Technical Education Quality Improvement Programme (TEQIP)

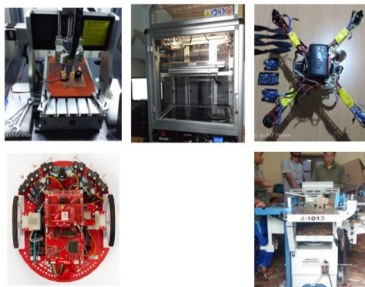
NIT Arunachal Pradesh is a 1.1 institute under TEQIP-III project and the total fund allocated is Rs.15.00 crs. The Institute successful carried out the project by fulfilling almost all the parameters and objectives of the project as defined by the NPIU. The Institute's faculties are being trained to groom first year students on moral values and also to improve the academic strength of higher semester students. The Institute plans to organize international/national conferences, Expert Lectures, up-gradation of laboratories and filing of new patents during the current academic year.

The achievement under TEQIP-III projects are given as follows:

- The performance auditor grade for the year 2019 is 1.49
- Development of various Labs for UG/PG and Research purpose

## 2.3 Start-up Cell and Innovation Centre (Prakousol)

1. Start-up Cell: Prakousol (NITAP) conducted an event on installation and demonstration Process of PCB prototyping machine and 3D printer on 08 May, 2019 at Start-up Cell: Prakousol, NITAP.
2. PCB Prototyping Machine, 3D Printer, DRONE Practice Kit, Robotics system learning kit, Wood Working Machine are established at Start-up Cell & Innovation Centre (Prakousol) to cultivate the young innovators studying at NITAP.
3. Start-up Cell and Innovation Centre (Prakousol) NITAP & Institution's Innovation Council organized workshop sponsored by TEQIP-III on 'Idea Generation and Creativity Thinking' and followed by 'Institute Idea Competition' event held on 30 Sep 2019 at Auditorium, NIT-Arunachal Pradesh and the following experts were delivered a series lectures.



### Grant-aids Sanctioned

The following inventive ideas of NITAP students have been financially approved by Start-up Cell (TEQIP-III).

- Sum of 1,70,000/- has been sanctioned to Katit Modi (ME/17/02) on the project Multi-task Photographer Camera robot(M-T PCR) on 16 May 2019.
- Sum of 60,000/- has been sanctioned to Sudhanshu Kr. Tiwary (CSE/17/01), Devendra (CSE/17/06) Chammoun Chakhap (CSE/17/17), Dinesh Godara (CSE/17/14), & Saksham Goyal (CSE/17/13) on the project topic Regional India on 16 May 2019.

## 2.4 Admission of students

### Student Strength

UG							
	2015	2016	2017	2018	2019	Total	Final Total
Other State (OS)	71	56	81	100	94	331** (2016-19)	577
Home State (HS)	96	75	53	45	55	228	
Male (M)	149	100	115	128	117	460	559
Female (F)	18	31	19	17	32	99	
GEN	64	27	32	28	30	117	442
OBC	51	25	32	46	35	138	
SC	20	15	17	15	14	61	
ST	32	64	53	56	70	243	
PWD	0	0	0	0	0	0	
<b>Total Student</b>	<b>167</b>	<b>131</b>	<b>134</b>	<b>145</b>	<b>149</b>	<b>559</b>	

**\*\* Including 1 DASA student**

PG						
		2017	2018	2019	Total	Final Total
Other State (OS)		54	22	24	46(2018-19)	93
Home State (HS)		5	12	7	19	
Male (M)		44	27	24	51	124
Female (F)		15	7	7	14	
GEN		33	15	14	29	124
OBC		15	8	7	15	
SC		4	5	5	10	
ST		7	6	5	11	
PWD		0	0	0	0	
Total Student		59	34	31	65	

## 2.5 Lists of FDP/Conferences/Schools/workshops organized:

1. Workshop on Healthy System and Human Ecology organized by Dept. of Biotechnology, NITAP funded by Gandhi Study Centre, NITAP from 22-24 Apr. 2019.
2. Workshop on **Graphical Programming for Measurement and Control** was organized by Dr. Abhik Banerjee and Brajagopal Datta, Dept of EE, NITAP under TEQIP-III Twinning Activity in collaboration with Dr. Narmadhai, Associate Professor, Dept. of EEE, GCT Coimbatore, TEQIP Mentor institute in Coimbatore. 31 Jul.-02 Aug 2019.
3. Workshop on **Industrial Automation using IoT** was organized by Dr. Abhik Banerjee and Brajagopal Datta, Dept of EE, NITAP under TEQIP-III Twinning Activity in collaboration with Dr. Prasanamoorthy, HoD, Dept of EIE, GCT Coimbatore. 31 Jul.-02 Aug 2019.
4. FDP on **Multidisciplinary Innovations in Engineering Science for Sustainable Development** was organized by Dept of ME, NITAP under

- TEQIP-III Twinning Activity with GCT Coimbatore, TEQIP Mentor institute in Coimbatore. 05-09 Aug 2019.
5. Workshop on **Recent Trends in High Voltage and Power System Engineering (HVPSE) 2019** (Sponsored by TEQIP-III) was organized by Mr. Brajagopal Datta & Dr. Abhik Banerjee, Assistant Professor, Dept of EE at NITAP. 26-30 Aug 2019.
  6. FDP on **Multidisciplinary Approach for Water Conservation and Management** was organized by Dept of CE, NITAP under TEQIP-III Twinning Activity with Dept of CE, GCT Coimbatore, TEQIP Mentor institute in Coimbatore. 03-07 Sep 2019.
  7. FDP on **Advanced Pedagogy, IPR, Sponsored Research and Entrepreneurship** (Sponsored by TEQIP-III) was organized by TEQIP III and Dean Academic, NITAP. 16-20 Sep 2019.
  8. SDP on **Management Capacity Building Training** for Administrative and Finance Staff, Technician and Lab Technicians (Sponsored by TEQIP-III) was organized by TEQIP III and Dean Academic, NITAP. 16-20 Sep 2019.
  9. Workshop on **Recent Trends in Artificial Intelligence & Machine Learning (AIML-2019)** was organized by Dr. Deepak Gupta, Dept of CSE, NITAP sponsored by AICTE Training & Learning (ATAL) Academy and TEQIP-III. 23 – 27 Sep 2019.
  10. Workshop on **Recent Trends in Embedded System for IoT and Mechatronics** (4 days Hands-on Sessions) (Sponsored by TEQIP-III) was organized by Dr. Sahadev Roy, Assistant Professor, Dept of ECE at TEL Centre, NITAP. 24-28 Sep 2019.
  11. Two day National Conference on **Relevance of Mahatma Gandhi Today (RMGT-2019)** [Commemorating 150<sup>th</sup> Birth Anniversary of Gandhi] (Sponsored by TEQIP-III) was organized by Dr. R. P. Sharma, Dept of BAS at TEL Centre, NITAP. 28-29 Sep 2019.



The Honorable Governor of Arunachal Pradesh **Brig. (Dr.) B. D. Mishra** inaugurated the two day national conference. Guest of Honors: **Prof. Mool Chand Sharma & Prof. Naresh Dadhich** and Invited Speakers: **Mr. Bharat Mahodaya, Dr. Pawan Sharma, Dr. Kusum Bora Mokashi, Prof. Satish Chaturvedi, & Prof. Chandan Kumar Sharma.**

12. Workshop on **Renewable Energy as Future Energy (REFE-II) 2019** (Sponsored by TEQIP-III) was organized by Dr. Rajen Pudur, Assistant Professor, Dept. of EE at NITAP. 14-18 Oct 2019.
13. Workshop on **Distributed Generation in Power System Engineering 2019** (Sponsored by TEQIP-III) was organized by Dr. Abhik Banerjee & Mr. Brajagopal Datta, Assistant Professors, Dept. of EE at NITAP. 21-25 Oct 2019.
14. Short Term Course on **Artificial Intelligence (AI) and Machine Learning (ML) 2019** (Sponsored by TEQIP-III) was organized by Dr. Yang Saring & Dr. Yaka Bulo, Assistant Professors, Dept. of ECE at NITAP. 22-26 Oct 2019.
15. NITAP was co-organizer of 1<sup>st</sup> International Conference on **Applied Mathematics in Science and Engineering (AMSE-2019)**, which was organized by Siksha 'O' Anusandhan (Deemed to be University) Bhubaneswar. 24 -26 Oct, 2019.



16. Workshop on **Entrepreneurship Development Program & Technical Communication 2019** (Sponsored by TEQIP-III) was organized by Dr. M. M. Singh & Dr. K. Vijayakumar, Assistant Professor, Dept. of Management & Humanities at NITAP. 4-8 Nov 2019.
17. Central Library organised **User Awareness Program of IEEE** for various faculty members, Ph. D scholars, M. Tech and final year B. Tech students of EE, ECE & CSE Dept. 11 Nov 2019.
18. FDP on **Science and Technology 2019** (Sponsored by TEQIP-III) was organized by Dr. Susanta Maity, Dr. Ananta Kumar Atta & Dr. Shakti Prasad, Assistant Professors, Dept. of Basic and Applied Science at NITAP. 18-22 Nov 2019.
19. Staff Development Programme on Advanced Computer Skill, (Sponsored by TEQIP-III) was organized by SC/ST/OBC Cell & EQUITY Unit at Network Laboratory, NITAP from 06<sup>th</sup> to 10<sup>th</sup> Jan, 2020.



20. Workshop on 'CYBER SECURITY 2020' (Sponsored by AICTE-ATAL) was organized by Dr. Swarnendu Kumar Chakraborty, Assistant Professor, Dept. of CSE at NITAP. 03-07 Feb, 2020.
21. Workshop on 'Blockchain Technology' (Sponsored by AICTE-ATAL) was organized by Dr. Rajat Subhra Goswami, Assistant Professor, Dept. of CSE at NITAP. 17-21 Feb, 2020.
22. 1<sup>st</sup> International Conference on Electronic System & Intelligent Computing (ESIC 2020) was organized by Dr. Preetisudha Meher & Dr. Alak Majumder, Dept. of ECE, NITAP. 02-03 Mar, 2020.



23. Workshop on General Rules and Regulations related to GFR, procurement procedures, Accounts and Audit (Sponsored by TEQIP-III) Organized by TEQIP III, NITAP. 16-20 Mar, 2020.

## 2.6 Visit of Eminent Professors and Special Lectures

1. Dr. Aheibam Dinamani Singh, Associate Professor, NERIST, Arunachal Pradesh visited for B. Tech final year project evaluation on 20 May 2019.
2. Dr. Md. Anwar Hussain, Professor, ECE Department, NERIST, Arunachal Pradesh visited for M. Tech final year project evaluation on 21 May 2019.
3. Dr. Vinayak N. Kulkarni, and Dr. U. K. Saha, Professor, IIT Guwahati, visited Dept. of ME NITAP for Expert Lecture on Power Plant Engineering and Steam Power Generation & Performance Analysis on 01-02 Apr. 2019.
4. Prof. Saroj Kumar Patel NIT Rourkela visited Dept. of ME NITAP for Expert Lecture on Use of MATLAB software in optimization of engineering design problems on 01-02 Apr. 2019.
5. Dr. B. N Mahanta GSI, Shillong visited Dept. of CE for Expert Lecture on Expert Lecture on Geology on 28-29 Jan. 2019.
6. **Prof. S. S. Mahapatra**, Professor, Dept of ME, NIT Rourkela visited NITAP and delivered lectures on "Industrial Engineering" at Dept of ME, NITAP. 07-09 Sep 2019.
7. **Dr. K. S. Kasiviswanathan**, Assistant Professor, Dept of Water Resource Development & Management, IIT Roorkee delivered a lecture on a topic "Design of Drainage Network" at Dept of CE, NITAP. 24 Aug 2019.
8. The following external members visited Dept of EE during For FDP/Workshops:
  - a. **Dr. Vivekananda Mukherjee**, Associate Professor, Dept. of EE, IIT (ISM) Dhanbad
  - b. **Dr. Apurba Chatterjee**, Assistant Professor, Dept. of EE, Asansol Engineering College

- c. **Dr. S. K. Nayak**, Associate Professor, Dept. of EEE, IIT Guwahati
  - d. **Prof. Debasish Chatterjee**, Dept. of EE, Jadavpur University
  - e. **Prof. Saibal Chatterjee**, Dept. of EEE, NIT Mizoram
  - f. **Dr. Anup Shukla**, Assistant Professor, Dept. of EEE, IIT Jammu
  - g. **Dr. Sovan Dalai**, Associate Professor, Dept. of EE, Jadavpur University
  - h. **Dr. R. Rajeswari**, Associate Professor, Dept. of EEE, GCT Coimbatore
  - i. **Dr. S. Balaraman**, Associate Professor, Dept. of EEE, GCT Coimbatore
  - j. **Dr. P. Maruthupandi**, Assistant Professor, Dept. of EEE, GCT Coimbatore
  - k. **Dr. Debapriya Das**, Professor, Dept. of EE, IIT Kharagpur
  - l. **Dr. Adikanda Parida**, Associate Professor, Dept. of EE, NERIST
  - m. **Amit Roy**, Director, Bureau of Indian Standards, North-East Division
9. **Dr. R. Paul**, Director, Indo-German Science & Technology Centre visited NITAP, Yupia Campus and delivered research opportunities in Indo-German collaboration among faculty members and research scholars. 04 Nov 2019.
  10. **Dr. Korra Sathya Babu**, Assistant Professor, Dept of CSE, NIT Rourkela delivered lectures on “Artificial Intelligence & Machine Learning” at Dept of ECE, NITAP, 22 – 26 Oct 2019.
  11. **Dr. Anup Nandy**, Assistant Professor, Dept of CSE, NIT Rourkela delivered lectures on “Artificial Intelligence & Machine Learning” at Dept of ECE, NITAP, 22 – 26 Oct 2019.
  12. **Dr. Sunil Kumar**, Senior Scientist and Co-coordinator, AcSIR, Solid and Hazardous Waste Management Division CSIR-NEERI, Nagpur delivered lectures at Dept of CE, NITAP, 16 Oct 2019.
  13. **Prof. Fazal A Talukdar**, Professor, Dept of ECE, NIT Silchar, visited as an external examiner for Ph.D viva voce and defence of Mr. Deboraaj Muchahary.
  14. **Prof. S. K. Srivastava**, Professor, Department of Chemistry, IIT, Kharagpur visited as an external examiner for Ph.D viva voce and defence of Mr. Saikat Ghosh.
  15. **Prof. T. Punniyamurthy**, Professor, Department of Chemistry, IIT, Guwahati visited as an external examiner for Ph.D viva voce and defence of Mr. Bholanath Dolai.
  16. Prof. Uttam Kumar Sarkar, IIM Kolkata delivered special lecture on, ‘Importance of Network Analytics and Externalities for Startups’ on 17<sup>th</sup> Jan, 2020 for B.Tech students organized by Dr. M.M. Singh and Dr. K. Vijayakumar, Asst. Prof, Dept of M&H, NITAP.



17. Dr. Sunil D. Pawar & Dr. V. Gopalakrishnan, Scientist F, Indian Institute of Tropical Meteorology (IITM), Pune, delivered expert lectures on ‘Atmospheric

Electricity and Thunderstorms' on 27<sup>th</sup> Jan 2020, organised by Dr. Susanta Maity, Asst. Professor, Dept. of BAS, NITAP.



18. Prof. N. Sukumar, Dept. of Political Science, University of Delhi delivered special lecture on, 'Connecting Science and Society' on 31<sup>st</sup> Jan, 2020 for B.Tech students organized by Dr. M.M. Singh and Dr. K. Vijayakumar, Asst. Prof, Dept of M&H, NITAP.



## 2.7 MOU

1. A Memorandum of Understanding (MoU) has been signed between IIT Guwahati and NITAP on 26th Sep 2019 at IIT Guwahati. In this endeavor, IITG will collaborate with NITAP in different academic and administrative affairs. Prof. T.G. Sitharam, Director, IITG said that IITG would organize training programmes for participating professionals in Arunachal Pradesh. Further, he wished to bring all the NITs of North East in a common platform to facilitate interaction and collaboration. Prof. Pinakeswar Mahanta, Director, NITAP emphasized on possible outreach contribution of IITG for a large number of school children in Arunachal Pradesh.



Photo: Signing of MoU with IIT Guwahati

- Memorandum of Understanding has been signed between NITAP represented by the Director, Prof. Pinakeswar Mahanta, and Saint Claret College, Ziro (SCCZ), represented by the Principal, Dr. Fr. Allwyn Mendoz. NITAP & SCCZ has initiated the proposal to associate with NITAP through staff and student exchange programs and research.



- Memorandum of Understanding has been signed between NITAP and National Power Training Institute (NPTI), Guwahati on 30 Oct 2019. In this endeavour, NPTI and NIT will jointly work to accelerate, expand and achieve the national mission and aspiration in the area of electric power through trainings.



Photo: MoU signing between NITAP and NPTI

- A MoU has been signed between NITAP and North East Agro Products & Services (NEAPS), Jorhat, Assam on 13<sup>th</sup> Nov, 2019. In this endeavour, NEAPS will collaborate with NITAP in different academic and administration affairs like Faculty/ student exchange, training program.

## 2.8 Awards and Honors

- NITAP received a **FOUR STAR** ratings for the IIC calendar year 2018-19 from MHRD's Innovation Cell and Institution's Innovation Council, AICTE, MHRD, Govt. of India.
- NIT AP got 200 ranking of NIRF.



## A. Faculty

1. **Prof. Pinakeswar Mahanta**, Director, NITAP is one of *the international advisory committee members* in the international conference on “Water, Energy and Biodiversity (WEB) for Sustainable Development of BIMSTEC Countries” during December 12-14, 2019 at Agartala, Tripura by The Institution of Engineers (I), Tripura State Centre and Other North Eastern State Centres of IEI in association with other national and international organizations.
2. **Prof. Pinakeswar Mahanta**, Director, NITAP is one of *the advisory committee members* in the two day National Seminar on “Flexible Generation, Storage Solutions, Grid Integration and Stability” during 09 - 10 Jan, 2020 organised by National Power Training Institute, North Eastern Region, Ministry of Power, Government of India.
3. Prof. Pinakeswar Mahanta, Director, NITAP, is one of the *International Advisory Committee members* in the international conference on “Recent Advancement of Mechanical Engineering, 07-09 Feb. 2020, National Institute of Technology, Dept of ME, Silchar.
4. Prof. Pinakeswar Mahanta, Director, NITAP is a *member of the Board of Advisors* for Pranab Mukherjee, Chair for Sustainable Development, Research, Skill Advancement and Education of ICFAI University, Sikkim and Madan Bhandari Chair for Research & Development, Sikkim from Dec, 2019 to Sep, 2023.
5. Dr. M. Berlin was nominated as an Invitee of BoG at Government College of Technology, Coimbatore.
6. Dr. Kartick Mondal’s nomination as Young Professionals in the BIS (Bureau of Indian Standards) Technical Committees under Chemical Division Council, Sectional Committee CHD - 25 has been finalized/accepted in the last meeting which was held on 12<sup>th</sup> Jul. 2019 in New Delhi - 110002
7. **Dr. Deepak Gupta**, Dept of CSE got the travel support under young scientist for presenting his research paper titled “Regularized Universum twin support vector machine for classification of EEG Signal” in IEEE International Conference on Systems, Man and Cybernetics (SMC) 2019, Italy from 06 Oct to 09 Oct, 2019 from Science & Engineering Research Board (SERB), New Delhi.

8. **Dr. Deepak Gupta**, Assistant Professor, Dept of CSE has been awarded as Editorial Review Board Member of Journal of Applied Intelligence, Springer. [SCI Indexed with Impact Factor 2.88].
9. **Dr. Deepak Gupta**, Assistant Professor, Dept of CSE has chaired a session on Soft Computing: Data Driven Approach for Bio-medical and Healthcare in IEEE International Conference on Systems, Man, and Cybernetics (SMC 2019), Bari, Italy 06-09 Oct, 2019.
10. Dr. P.Meher's paper titled 'A Novel Approach on Advancement of Blockchain Security Solution' was judged as Best Paper Award from IRD-IND at ICISCC, Bangkok on 27-28 Jun. 2019.
11. **Dr. Anup Paul**, Dept. of ME, funded by TEQIP-III, designed a question paper and evaluated student performance at PCPS Girls Polytechnic Campus, 14-18 Oct, 2019.
12. Dr. Sanjeev Kumar Metya, Assistant Professor, Dept. of ECE is now a *Fellow Member* of the Optical Society of India (L.1002).
13. Dr. Alak Majumder, Dept. of ECE has been appointed as *Bentham Ambassador* by Bentham Science Publishers for the year 2019-2020.
14. Dr. Sanjeev Kumar Metya Assistant Professor, Dept. of ECE was a *Reviewer* of Optical Engineering, SPIE for the year 2019.
15. Dr. Sahadev Roy, Asst. Professor of ECE. NITAP was recognized as one of the *successful alumni* for the active support in school development at Platinum Jubilee celebration, Ramnagar Sahora Union High School (HS), Murshidabad, West Bengal. 19<sup>th</sup> Jan. 2020.
16. Dr. Preetisudha Meher, Asst. Professor, Dept of ECE received an award "Most Distinguished Professor of Electronics in Arunachal Pradesh" at "Pride of Indian Education Awards 2020", New Delhi. 19<sup>th</sup> Jan, 2020

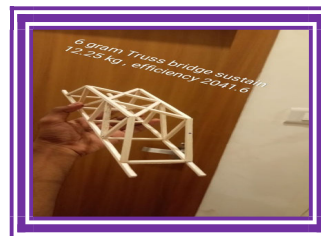
## B. Students

1. Ajit Kumar Dash (M. Sc students, Mathematical Physics, Department of BAS) joined as research scholar at IISC Bangalore under Prime Minister Research Fellowship.
2. **Pritam Bhattacharjee** (PhD scholar, Dept. of ECE), selected for one-year internship at Intel India under the joint venture of Visvesvaraya PhD Scheme and SMDP-C2SD Project.

3. Ms. Tassar Pana, PhD Scholar in Civil Department was awarded 1<sup>st</sup> Runner Up (Oral Presentation) for her paper titled 'A State of Art Review on Subsurface Profiling using MASW Survey' in the Symposium on Recent Advances in Sustainable Geotechnics held at IIT, Kanpur, 17-20 Oct, 2019 organized by IGS Kanpur Local Chapter and IIT, Kanpur
4. 23 no. Of students qualified GATE.



5. Manish Kumar (CE/17/18), Abhishek Kumar (CE/17/06) and M Sriteja (CE/17/02), third year students of CE received **Gold Medal** for their model named **Truss Bride** in bridge design competition in Techniche at IIT, Guwahati 29 Aug- 01 Sep 2019.



6. Amit Kumar Chondhari (ECE) and Brijesh Kumar Patel (EE) started a startup business Trip to Anywhere is a mobile app (Tata Sumo booking app) launched by Hon'ble MLA Shri Nyamar Karbak at NITAP on 23 Aug 2019.



7. Mr. Himanshu Pillai (2010-2014) is working as full time Researcher at Oak Ridge National Lab, Oak Ridge, Tennessee, U.S. after his M.S. from University of California, Merced in 2016. He is also assisting a startup, TempoQuest Inc. (Weather Prediction Software and Analytics Company).
8. Mr. Nada Tade (2014-17) will be leaving for his masters on January 2020 to University of Texas at Dallas, USA.
9. Mr. Abdul Shekkeer KM (2016-18) got admission for PhD at Universiti Sains Malaysia (Institute of Nano Optoelectronics Research and Technology) under the supervision of Dr. Quah Hock.

10. Miss. Bipasha Nath M.Tech (MCC) (2016-18) got admission for PhD at National Taiwan University of Science and Technology under the supervision of Dr. Sheng Yu Peng.
11. Mr. Manikant Kumar (CSE/18/23), B. Tech student, Dept. of CSE has completed Certificate Courses on 'How Google does Machine Learning' from Coursera with 98.8%, 'Machine Learning' from Stanford Online and 'Python Bootcamp: Go from zero to here in Python' Dec, 2019.
12. Ms. Usha Mary Sharma completed NPTEL Online Certification Course on " Introduction to Machine Learning-IITKGP (8 Week Course)" with Elite Grade Jul-Dec, 2019.
13. Miss Kakoli Roy (PG Scholar), Dept. of ME, published poetry titled **Where is Peace?**. Publishers: Delhi Poetry Slam, 23<sup>rd</sup> Jan, 2020.  
Link: <https://delhipoetryslam.com/blogs/magazine/where-is-peace>
14. Mr. Umesh Gupta completed NPTEL Online Certification Course on " Introduction to Machine Learning-IITKGP (8 Week Course)", Jul-Dec, 2019.

**State Level Innovation Festival 2020:**

15. Katit Modi (ME/17/02), B.Tech student from Dept. of ME, NITAP was selected by State Govt. of Arunachal Pradesh to participate at national level competition. He presented his inventive ideas at State Level Innovation Festival 2020 held at Arunachal Pradesh Science Centre from 25<sup>th</sup> – 26<sup>th</sup> Jan, 2020 organized by Arunachal Pradesh State Council for Science & Technology, Dept. of Science & Technology, Govt. of Arunachal Pradesh in collaboration with National Innovation Foundation.
- 16.

## 2.9 New Initiatives

- **Institute Doctor** – Dr. Gyamar Inia (MBBS) has been appointed as a visiting physician.
- **Internet Connection** - Improvement of Internet facility with a speed of 100 Mbps.
- **Institute Mail Domain has been Created**
- **NBA Accreditation in process**- Three(3) departments have applied for pre-qualification.
- **Repairing of Existing Hostels.**
- **Newsletter** - First newsletter Technodaya published on 11<sup>th</sup> Oct' 2018.
- **Gandhi Study Centre is created to motivate students for fostering the Gandhian Philosophy.**

- **Technology Enhanced Learning (TEL) Centre:**
- TEL Centre was inaugurated by Hon'ble Deputy Chief Minister Shri Chowna Mein on 28 Sep 2019. Hon'ble MLA 14<sup>th</sup> Doimukh Constituency Shri Tana Hali Tara graced the occasion as Guest of Honor. It was constructed with bamboo by **Cane and Bamboo Technology Centre**, Assam and sponsored by **North Eastern Council**, Shillong.



#### Ph.D. Awarded

1. *Deboraj Muchahary has defended his PhD thesis entitled "Theoretical analysis and modelling of ZnO/Si heterojunction solar cell" on 28 Oct, 2019.*
2. *Saikat Ghosh has defended his thesis entitled "Doxorubicin encapsulated hydroxyapatite nanoparticle and its nanocomposite with polymer for bioengineering applications" on 01 Nov, 2019 under Dr. Nabakumar Pramanik as Supervisor.*
3. *Bholanath Dolai has defended his thesis entitled "Carbohydrate-based colorimetric and fluorometric sensors for Cu<sup>2+</sup> and Au<sup>3+</sup> ions in aqueous medium" on 01 Nov, 2019 under Dr. A. K. Atta as Supervisor and Dr. Nabakumar Pramanik as Co-Supervisor*

### **3. Research Activities:**

#### **A. Publications**

##### **Basic & Applied Science:**

1. **I. Hazarika, G. Mahata, P. Pahari, N. Pramanik, A. K. Atta** "A simple triazole-linked bispyrenyl-based xylofuranose derivative for selective and sensitive fluorometric detection of Cu<sup>2+</sup>", *Inorganica Chimica Acta*, vol. 507, pp. 119582-119589, 2020.
2. **S. Ghosh, S. Ghosh, S. K. Jana, N. Pramanik** "Biomedical application of doxorubicin coated hydroxyapatite – poly (lactide-co-glycolide) nanocomposite for controlling osteosarcoma therapeutics", *Journal of nanoscience and nanotechnology*, vol. 20, pp. 3994-4004, 2020.
3. **S. Ghosh, S. Ghosh, N. Pramanik** "Bio-evaluation of doxorubicin (DOX)-incorporated hydroxyapatite (HAp)-chitosan (CS) nanocomposite triggered on osteosarcoma cells", *Advanced Composites and Hybrid Materials*, vol. 3, pp. 303-314, 2020.
4. **S. Ghosh, A. Ray, and N. Pramanik** "Self-assembly of surfactants: An overview on general aspects of amphiphiles", *Biophysical Chemistry*, vol. 265, pp. 106429, 2020.
5. **Hazarika, S.I.; Dolai, B.; \*Atta, A.K.** "Water compatible triazole linked pyrene-C1 glucosyl fluorescent sensor for Au<sup>3+</sup> and living cell imaging studies", *J. Mol. Struct.*, vol. 1202 , issue 127272, 2020.
6. **Hazarika, S.I.; \*Atta, A. K.** "Carbohydrate-based fluorometric and colorimetric sensors for recognition of Cu<sup>2+</sup> ion", *Comptes Rendus chimie*, vol. 22, pp. 599-613, 2019.
7. **Prasad, S.** "Some Compromised Exponential Ratio Type Imputation Methods in Simple Random Sampling", *Proceedings of the National Academy of Sciences, India Section A: Physical Sciences*, vol. doi.org/10.1007/s40010-020-00719-4, 2020.
8. **Prasad, S.** " Some linear regression type ratio exponential estimators for estimating population mean based on quartile deviation and deciles", *Statistics in Transition New Series*, vol. Accepted, 2020.
9. **R. Krishanan, S. Maity, B. S. Dandapat** "Unsteady flow of Casson liquid film on a stretching sheet with radiative heat transfer", *Surface Review and Letters*, vol. 27, 2020. (<https://www.worldscientific.com/doi/pdf/10.1142/S0218625X19502044>)
10. **R Krishanan, S Maity, S K Singh and B S Dandapat** "Modelling of Thin CNTs Nanoliquid Film Flow Over a Bi-directional Stretching Surface", *International Journal of Applied and Computational Mathematics*, vol. 6 , issue 5-1 - 19, 2020. (<https://link.springer.com/article/10.1007/s40819-020-00900-8>)

11. **R. Balamurugan, A. Vanav Kumar** "Unsteady Casson Fluid Flow Past A Suddenly Stretching Sheet with Fluid Flow Initially Maintained at a Steady Velocity or Maintained At Rest", International Journal of Mechanical and Production Engineering Research and Development, vol. 30 , issue 3, pp. 13355-13366, 2020. ([10.24247/ijmperdjun20201273](https://doi.org/10.24247/ijmperdjun20201273))
12. **R. Balamurugan, A. Vanav Kumar** "WITH INITIAL FLOW OF CRANE TYPE, UNSTEADINESS IN FLUID FLOW DUE TO SUDDEN INTRODUCTION OF QUADRATIC FREE CONVECTION AND STRETCHING OF SHEET", International Journal of Mechanical and Production Engineering Research and Development, vol. 10 , issue 3, pp. 13801-13814, 2020. ([10.24247/ijmperdjun20201316](https://doi.org/10.24247/ijmperdjun20201316))
13. **L. Jino, A. Vanav Kumar** "Cu-Water Nanofluid Natural Convective Heat and Fluid Flow in a Porous Cavity", International Journal of Mechanical and Production Engineering Research and Development, vol. 10 , issue 3, pp. 13695-13706, 2020. ([10.24247/ijmperdjun20201305](https://doi.org/10.24247/ijmperdjun20201305))
14. **L. Jino, A. Vanav Kumar** "Natural Convection of Water-Cu Nanofluid in a Porous Cavity with Two Pairs of Heat Source-Sink and Magnetic Effect", International Journal of Mechanical and Production Engineering Research and Development, vol. 10 , issue 3, pp. 14481-14492, 2020. ([10.24247/ijmperdjun20201378](https://doi.org/10.24247/ijmperdjun20201378))
15. **A. Saha, P. Mazumder, D. Dutta , B. K. Debnath** "Multi-attribute decision making using q-rung orthopair fuzzy weighted fairly aggregation operators", Journal of Ambient Intelligence and Humanized Computing(Q1 category, SCI, IF: 4.6) DOI 10.1007/s12652-020-02551-5, , 2020.
16. **A. Saha, F. Smarandache, J. Baidya, D. Dutta** "MADM Using m-Generalized q-Neutrosophic Sets", Neutrosophic Sets and Systems(NSS), vol. 35, 2020
17. **Cristina Gammeng, U. K. Saha and S. Maity** "On Riemann-Liouville Fractional Calculus and F-Function", International Journal of Recent Technology and Engineering (IJRTE), vol. 8 , issue 6, pp. 933-935, 2020. ([DOI:10.35940/ijrte.F7570.038620](https://doi.org/10.35940/ijrte.F7570.038620))
18. **Cristina Gammeng, U. K. Saha and S. Maity** "Weyl Fractional Integral and Multi-Index Dzrbashjan-Gelfond-Leontiev (D-G-L) Differentiation and Integration with Multi-Index Mittag-Leffler Function", Advances in Mathematics: Scientific Journal, vol. 9 , issue 3, pp. 1191-1196, 2020. (<https://doi.org/10.37418/amsj.9.3.62>)
19. **Dipen Saikia , Utpal Kumar Saha and G. C. Hazarika** "A Numerical Study on Atangana-Baleanu and Caputo-Fabrizio Fractional Derivatives for MHD Flow Past a Moving Vertical Plate with Heat Source and Variable Viscosity and Thermal Conductivity", International Journal of Advanced Science and Technology, vol. 29 , issue 03s, pp. 745-760, 2020.
20. **Dipen Saikia, Utpal Kumar Saha, G. C. Hazarika** "Atangana-Baleanu and Caputo-Fabrizio Analysis of Fractional Derivatives for MHD Flow over a Hot Stretching sheet with Variable Viscosity and Thermal Conductivity", IAENG International Journal of Applied Mathematics, vol. 50 , issue 3, pp. 616-627, 2020.
21. **Cristina Gammeng, U. K. Saha and S. Maity** "On Fractional Q-Calculus of the R-Function", Advances in Mathematics: Scientific Journal, vol. 9 , issue 9, pp. 6507-6512, 2020. (<https://doi.org/10.37418/amsj.9.9.8>)

22. H. Doley, P. K. Swain, A. Panigrahi and G. T. Tado "Study of Structural and Ferroelectric Properties of the Composite Ba<sub>5</sub>R<sub>Ti3</sub>V<sub>7</sub>O<sub>30</sub> (R = Pr, Tb)", Bulletin of Pure and Applied Sciences section D – Physics, vol. 38D , issue 2, pp. 65-72, 2019. 10.5958/2320-3218.2019.00011.3
23. H. Doley, P. K. Swain, A Panigrahi and G. T. Tado "Structural and Ferroelectric properties in the solid solution (Ba<sub>5</sub>TbTi<sub>3</sub>V<sub>7</sub>O<sub>30</sub>)<sub>x</sub>(BiFeO<sub>3</sub>)<sub>1-x</sub>", Ferroelectrics, vol. 568 , issue 1, pp. 104-111, 2020. (<https://doi.org/10.1080/00150193.2020.1811034>)
24. Sagar Bhattarai, Arvind Sharma, T. D. Das "Efficiency enhancement of perovskite solar cell by using doubly carrier transport layers with a distinct bandgap of MAPbI<sub>3</sub> active layer", Optik - International Journal for Light and Electron Optics , vol. 224, pp. 165430, 2020.
25. Arvind Sharma and T. D. Das "Electrical, and optical simulation study of organic light emitting diode with an EQE about 34%", National conference on Recent Advancements in Materials science And Nanotechnology (RAMAN 2020), 2020

## **Bio-Technology**

26. Reshmi Dutta, K.ThangaPandi, Amalesh Nanda, Ciyona, Raj Mahapatra, Shairee Sanyal, Shreyosi Bose, Sumantra Mondal, Suvankar Ghorai and Jana SK. "Polyaniline Based Electrochemical Sensor for the Detection of Dengue Virus Infection.", Avicenna Journal of Medical Biotechnology (AJMB)., vol. 20, 2020.
27. Saikat Ghosh, Sampad Ghosh, Jana SK, and Nabakumar Pramanik "Biomedical Application of Doxorubicin Coated Hydroxyapatite-Poly(lactide-co-glycolide) Nanocomposite for Controlling Osteosarcoma Therapeutics.", Journal of Nanoscience and Nanotechnology , vol. 20, pp. 1-11, 2020.
28. Dhal Ajitesh, Thangapandi Kalyani, Suvankar Ghorai, Niroj Kumar Sahu, and Saikat Kumar Jana "Recent development of electrochemical Immunosensor for the diagnosis of dengue virus NSI protein: A review", Sensors International , vol. 1, 2020. (<https://www.sciencedirect.com/science/article/pii/S2666351120300309>)
29. Sangili A, Kalyani T, Chen SM, Nanda A, Jana SK "Label-Free Electrochemical Immunosensor Based on One-Step Electrochemical Deposition of AuNP-RGO Nanocomposites for Detection of Endometriosis Marker CA 125", ACS Applied Bio Materials, vol. 3, pp. 7620-7630, 2020. (<https://pubs.acs.org/doi/abs/10.1021/acsabm.0c00821>)
30. Kalyani T, Nanda A, Jana SK "Detection of a novel glycodelin biomarker using electrochemical immunosensor for endometriosis", Analytica Chimica Acta, , 2020. (<https://www.sciencedirect.com/science/article/abs/pii/S0003267020311272>)

31. Nanda A, Thangapandi K, Banerjee P, Dutta M, Wangdi T, Sharma P, Chaudhury K, Jana SK "Cytokines, Angiogenesis, and Extracellular Matrix Degradation are Augmented by Oxidative Stress in Endometriosis", Annals of laboratory medicine, , issue 2234-3806, pp. 390-397, 2020. (<https://pdfs.semanticscholar.org/ca2c/39ee70949feaf77fd36d4b2ae425a837cccf.pdf>)

## **Civil Engineering**

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137. **Priyaranjan Biswal and Prases K. Mohanty** "Development of quadruped walking robots: A review", Ain Shams Engineering Journal , Elsevier, , 2020. (<https://doi.org/10.1016/j.asej.2020.11.005>)

## Management & Humanities

1. **Kumar, I., and Shome, M.K.** "A Factor Analysis study on Customer Relationship Management (CRM) in Public and Private Sector Banks' Manager in Bihar", International Journal of Innovations in Engineering and Technology, vol. 13(1), pp. 72-79, 2019.

## **B. Sponsored Research Projects:**

**Session: 2019-20**

<b>Sl. No</b>	<b>Title of project</b>	<b>Funding agency</b>	<b>PI/Co-PI</b>	<b>Amount (in Rs.)</b>
1	Visvesvaraya PhD Scheme	MEITY	Dr. Rajat. S. Goswami	2710363.00
2	Special man power Development for chips to system Design (SMDP)	MEITY	Dr. Alak Majumdar	1768000.00
3	Biochemical and pharmacological evaluation, molecular and characterization of Paris polyphylla Smith (Melanthiaceae) landraces from Eastern Himalayan Region of India for addressing livelihood issues	DST (SERB)	Dr. P. K. Hui	650000.00

4	Survey and validation studies on local food and medicine bio resource of kameng and Tawang District of Arunachal Pradesh for supplementary rural livelihood security	MOEF	Dr. P. K. Hui	Completed
5	Prediction of sediment load concentration in rivers using computational Machine Learning Approaches	DST (SERB)	Dr. D. Gupta	559860.00
6	Experimental and numerical investigation on enhanced nitrate contamination in ground water from waste water applied agricultural field in the presence of colloidal particles	DST (SERB)	Dr. M. Berlin	396120.00
7	A study on p-graph	DST (SERB)	Dr. K. R. Singh	-
8	Identification of suitable serum proteomic biomarkers based electrochemical immunosensor for diagnosis of endometriosis.	DST (SERB)	Dr. S. K. Jana	750000.00
9	Proteomic biomarkers based sensing device for minimally invasive diagnosis of early stage of endometriosis	DBT	Dr. S. K. Jana	-
10	Design and synthesis of carbohydrate based sensors for efficient determination of heavy metal ions	DST (SERB)	Dr. A. K. Atta	-
11	Sugar derived unsaturated: Synthesis and intermediates for amino sugar, amino acids, and heterocyclic and heavy metal sensors.	CSIR	Dr. A. K. Atta	492902.00
12	Exploration and deification of the Microbial and chemical Hazards present in drinking –water of Arunachal Pradesh aiming to supply the safe drinking water	DBT	Dr. Kimjoly lhouvum	0
13	A systematic study of the application of super systematic approach in Quantum physics	DST (SERB)	Dr. Debjit Dutta	0
14	DST- Inspire	DST	Dr. S. Roy	-
15	Modeling, Fabricating and Motion Planning For Maximum Mobility of Quadrupedal Robot	DST-SERB	Dr. P. K. Mohanty	369040.00
19	Effect particle size on solidification process under uniform magnetic field along with thermal –solutal convection effects with sinusoidal temperature distribution over nanoparticle-Enhanced phase change Material.	DST-SERB	Dr. A VK	-

20	Analytical and Numerical Investigation of Unsteady Thin Film Flow Over a Porous Stretching Surface	DST-SERB	Dr. S. Maity	100000.00
21	Study on some thin film coating flow problems using nanoliquid	CSIR	Dr. S. Maity	721948.00
22	Numerical and Experimental investigation of effect of thermally significant blood vessels during laser assisted thermal therapy	DST-SERB	Dr. Anup Paul	342910.00
23	Subsurface profiling using MASW survey at landslide prone area of Itanagar, Arunachal Pradesh.	DST-SERB	Dr. Jumrik Taipodia	550000.00
24	Synthesis of Triazolopyrimidine-based iridium (III) complexes: Application to the Fabrication of OLEDs	DST-SERB	Dr. T. D. Das	700000.00
25	Development of sustainable technology for production of biomass pellet based fuel and herbal by- product from residue of pruned tea plant: Augmenting rural development	NMHS	Dr. Sikat K. Jana	1232623.00
26	DNA Aptamer/peptide based cervical cancer early detection kit development using Biosensor technology	ICMR	Dr. Sikat K. Jana	-
27	Non-linear plasma wave dynamics in unbounded planar or bounded planar geometry	CSIR	Dr. Debjit Dutta	478500.00
28	Use of high percentage of Methanol fuel in a Diesel Engine	CSIR	Dr. Dipak Sen	564000.00
29	Integration of Variable Frequency Clock and Gated Clock Tree to Mitigate Power Supply Noise in Multi- core CPU	DST-SERB	Dr. Alak Majumder	2372500.00
30	Development of Automatic Speech Recognition (ASR) System in Arunachali Native Language – Nyishi	DST-SERB	Dr. Yang Saring	878000.00

### **C. Consultancy Project Details**

<b>Financial Year</b>	<b>2018-19</b>
<b>Total No. of consultancy projects</b>	3
<b>Total No. of Client Organizations</b>	3
<b>Total amount received (in Rs.)</b>	196530.00

### **D. IPR**

1	201911019831	20/05/19	27/11/20	A novel approach to realize business profit on the basis of linear dependency, exponential growth and moving average	Achyuth Sarkar et.al.
2	201911048042	25/11/19		Security and computational time complexity analysis of RSA with novel approach of variability concept of key	Achyuth Sarkar et.al.

**TRAINING & PLACEMENT**

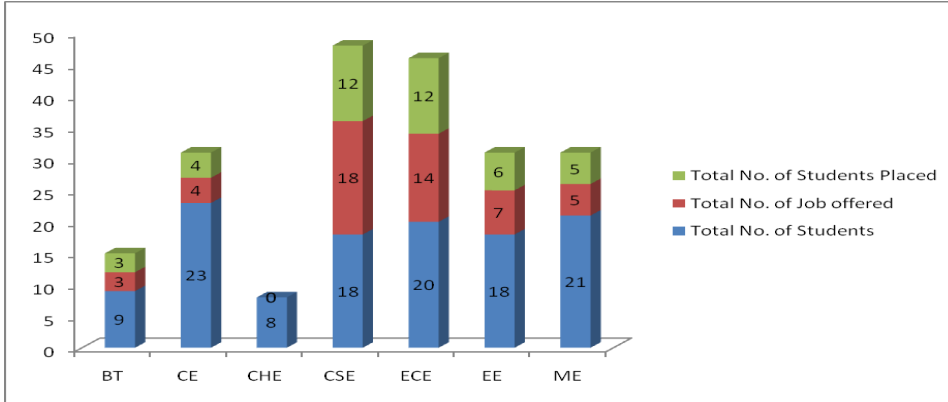
**CAMPUS RECRUITMENT DETAILS OF STUDENTS**

**LIST OF COMPANIES RECRUITED STUDENTS OF THE ACADEMIC YEAR 2019-20**

Sl. No.	Name of the Company	Number of Students Placed	Departments							Package Offered (in Lakhs)
			BT	CE	CHE	CSE	ECE	EE	ME	
1.	Capgemini	01				01				6.8
2.	L&T InfoTech	07				06	01			5,6.5
3.	MaCafee	03				03				10
4.	Valuelabs	02				01	01			4.5
5.	Virtusa	06				02	04			5
6.	Infosys	02	01			01				3.6
7.	Samsung	03				03				12
8.	L&T Construction	07		03				01	03	06
9.	Research Inn	09	01	01			04	01	02	3.8
10.	Vedanta Ltd.	05						05		5.5
11.	Cognizant	01					01			6.5
12.	CGI	03				01	02			7.11
13.	RAAM Group	01	01							4.8
14.	KEC International	01					01			4.75

**PLACEMENT RECORD FOR THE ACADEMIC YEAR 2019-20 (Branch wise)**

Department	Total No. of Students	Total No. of Job offered	Total No. of Students Placed	Percentage of Placement	Percentage of Job offered
BT	09	03	03	33.3	33.3
CE	23	04	04	17.3	17.3
CHE	08	0	0	0	0
CSE	18	18	12	66.6	100
ECE	20	14	12	60	70
EE	18	07	06	33.3	38.8
ME	21	05	05	23.8	23.8



### PLACEMENT RECORD FOR THE ACADEMIC YEAR 2019-20

<b>Total No. of Students</b>	117
<b>Total No. of Students Appear for Interview</b>	109
<b>Total No. of Students Placed</b>	42
<b>Total No. of Job offered</b>	51
<b>Percentage of Placements</b>	38.53
<b>Percentage of Job offered</b>	46.78

- **Maximum pay package: 12 Lakhs.**
- **Average pay package: 6.2 Lakhs.**

## 5. Students' and Outreach Activities

### Participation/Paper Presentation

1. Balamurgan R. Dept. of BAS attended Conference on IST 2019 in Mathematical Modeling in Continuum Mechanics and Ecology at Mizoram University on 03-15 Apr. 2019.
  2. Debayan Chakraborty Dept. of CSE attended National Conference on Recent Advance in Science & Technology at Guwahati on 15-17 May 2019.
  3. Chukhu Chunka Dept. of CSE attended Conference on Advance in Hardware security at IIT Guwahati on 24-29 May 2019.
  4. Ahia Khan, Ranjan Kumar, Patil Suyash, & Gajendra Singh Dept. of ME attended Conference on Computational Fluid Dynamics for Incompressible Flows at IIT Guwahati on 17-21 Jun. 2019.
  5. Gajendra Singh Dept. of ME attended Conference on Applied CFD using open FOAM at Jaipur, Rajasthan on 03-12 Jun. 2019.
  6. Pritam Bhattacharjee Dept. of ECE attended PCB Design Methodologies at CDAC Bangalore on 10-14 Jun. 2019.
  - 7.
- **Atulyam 2k19 (institute's annual cultural festival)** was celebrated at NITAP Yupia from 19 - 20 Apr. 2019. The events were Battle of Bands, Mr. and Miss Atulyam, Treasure Hunt, Mr. NIT, Roadies, Spotlight (Acting Competition), Voice of Atulyam, Sketching, etc.



➤ Addovedi '19

NITAP celebrated its extravagant technical fest on 1<sup>st</sup> and 2<sup>nd</sup> Nov, 2019. It was the perfect blend of Brainstorming events, Entertaining competitions, Workshops from experienced experts and Technological exhibitions. Many tech-oriented projects comprising of the ideas like: Internet of Things, Facial Recognition, Drone Tech, Robotics, QR Code Scanning Technology, 8-bit Prototyped Computer Concept etc. were exhibited for the technical exposure of the students. Addovedi witnessed the unique concept of bringing school students together in the form of Inter School Science Exhibition and showcasing their mettle towards science. The tech fest was inaugurated by

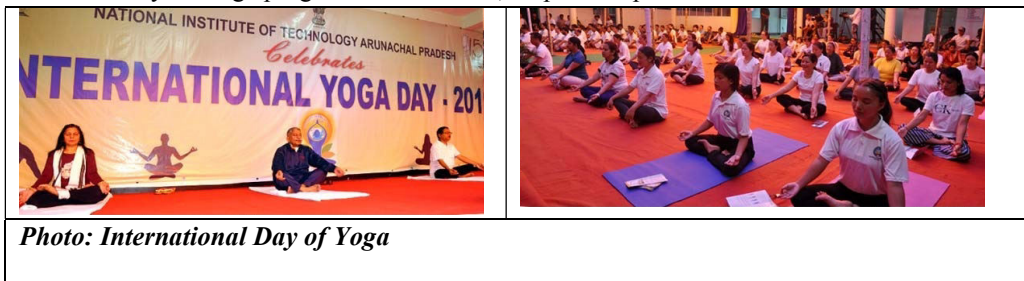
renowned expert **Prof. Vasant Barve** and graced by the presence of Director NITAP **Prof. Pinakeswar Mahanta**.



*Photo: Addo VEDI '19*

➤ **International Day of Yoga 2019**

The Honorable Governor of Arunachal Pradesh Brig. (Dr.) B. D. Mishra and other distinguished guests participated in the 5th International Day of Yoga programme at NITAP, Yupia Campus on 21st Jun. 2019.



*Photo: International Day of Yoga*

➤ **21 Day Induction Programme**

Third 21 Day Induction programme for 1<sup>st</sup> year B.Tech 2019-20 batch was held from 1<sup>st</sup> to 21<sup>st</sup> Aug 2019 at NITAP. The programme comprised of many components such as academic registration, library registration, NCC, scholarship, sessions on universal human values, music instruments, history, 6 Day SELP



**Photo: various activities of Induction Program**

**1. Industrial Visit**

- Dr. Manjula Das Ghatak, Mr. Shubhajit Das and 6th Semester B.Tech Students of ME has gone for an Industrial Visit at Brahmaputra Cracker and Polymer Limited (BCPL), Dibrugarh on 17 Apr. 2019.
- The 3<sup>rd</sup> and 4<sup>th</sup> year students of Dept of ME, NITAP accompanied by Dr. Dipak Sen, Assistant Professor & Mr. Shubhajit Das, Assistant Professor visited the Bamboo Processing Center at POMA village on 04.09.2019. The visit was mainly emphasized on exchange of rural need based technology innovation and development.
- EE Final Year Students and Dr. Rajib Jana, Assistant Professor, Dept of EE visited **High Voltage Lab Visit** at Central Power Research Institute, Guwahati, 10 Oct, 2019.
- 45 fourth year B.Tech students and faculty members of Dept of CE visited NHPC, 18 Oct, 2019.

**Pariksha Pe Charcha 2020:**

Pariksha Pe Charcha 2020 was organized by NITAP on 20<sup>th</sup> Jan 2020.



- *Photo: Pariksha Pe Charcha 2020*

**2. Swachh Bharat Abhiyan (SBA)**

- Awareness Programme on Swachh Bharat Abhiyan (SBA) was conducted at SCCZ Saint Claret College, Ziro by Dr. Moirangthem Momocha Singh, Dept. of MH on 04 May 2019.
- World Heritage Day was celebrated on 18 Apr. 2019 at NITAP with a lecture by Prof. Mihir Kumar Shome and a cleanliness drive at NIT Yupia campus.
- **Plastic Free Campaign (Swachhata Hi Seva 2019)** is being organized by Dr. Kimjolly Lhouvum, Coordinator, Environment Management Plan – TEQIP III in association with Swachh Bharat Abhiyan (SBA) & Ek Bharat Shrestha Bharat (EBSB) from 11 Sep to 27 Oct 2019.

- The following activities were organized by Gandhi Study Centre (GSC), NITAP in collaboration with Ek Bharat Shrestha Bharat (EBSB) Cell, Swachh Bharat Abhiyan Cell and NCC Unit in the months of March and April 2020.



➤ **Ek Bharat Shrestha Bharat (EBSB)**

- On the mark of Celebration of 150 years of Mahatma Gandhi Birth Anniversary, Students participated ‘NIT Arunachal Pradesh meets NIT Meghalaya’ and ‘NIT Meghalaya meets NIT Arunachal Pradesh’ programme.
- Awareness Programme on Swachh Bharat Abhiyan (SBA) was conducted at SCCZ Saint Claret College, Ziro by Dr. Moirangthem Momocha Singh, Dept. of MH on 04 May 2019.

➤ **Gandhi Study Centre (GSC)**

- GSC organized World No Tobacco Day at NITAP on 31 May 2019 with a series of lectures by Dr. Mihir Kumar Shome and Dr. Rajen Pudur on the topic “Tobacco and its effects” and a pledge taking.



- Gandhi Smriti and Darshan Samiti, Government of India, Gandhi Smriti 5, Thirty January Marg, New Delhi sanctioned an amount of Rs.1,45,000/- to organize a workshop on Techno-Gandhian Philosophy at NITAP and the event will be held on 07-11 Aug. 2019
- GSC and Dept. of Computer Science & Engineering organized a lecture on Gandhian Philosophy by Prof. S.N. Singh, Dept. of History, RGU, Arunachal Pradesh and two day workshop on Basic Computer Training at NITAP on 14-15 May 2019.



- Dept. of EE conducted workshop on Livelihood and Development under GSC NITAP on 21st May 2019 at Central Seminar Hall, NITAP.

➤ **Swachhta Pakhwada 2020:**

Swachhta Pakhwada 2020 was organized by EMP TEQIP-III Cell, EBSB Cell, SBA Cell and NCC Unit from 16<sup>th</sup> – 31<sup>st</sup> Jan, 2020. Pledge Taking Ceremony, Idea Generation by MESS, NITAP, Special Lectures by Dr. Nabam Rich, Asst Professor, Dept of CE, Cleanliness Drive in the Campus, Cleanliness Drive in Pragati, Dikrong and Hornbill Hostels, Cleanliness Drive in the nearest village (Nyorch), Slogan Writing and Prize Distribution Ceremony were convened from 16<sup>th</sup> - 31<sup>st</sup> Jan, 2020.

➤ **National Cadet Corps (NCC)**

- NCC cell and Dept. of CE organized a drill on Disaster Management (DM) association with 12<sup>th</sup> National Disaster Response Force (NDRF), Doimukh at NITAP Yupia Campus.



Drill on Disaster mamangement

NCC B certificate Examination

All India NCC 'B' Certificate examination was held for the training year 2019 in respect of NIT Arunachal Pradesh. NCC B Certificate Cadets Str 32 Nos, Alpha (A Grade) 85% above 23 Nos and Bravo (B Grade) 75% above 09 Nos were passed in the exam.

- 

**North East Hakathon 2019**

Katit Modi (ME/17/02), 3<sup>rd</sup> year B.Tech student from Dept of ME participated in the North East Hackathon 2019 organized by Assam Science & Technology University under TEQIP-III program of MHRD at Maniram Dewan Trade Center, Gorchuk, Guwahati, 02-04 Sep. 2019. His topic was one of his ongoing projects - MD<sup>2</sup>(Multi-detector device).



*Photo: Katit Modi at NE Hakathon*

**Fresher's Day 2019**

Fresher's Day 2019 for first year B.Tech batch (2019-20) was organized by 2<sup>nd</sup> year B.Tech students of NITAP on 24 Aug 2019 at NITAP.



*Photo: Fresher's Day Celebration*

### **Independence Day Celebration**

73<sup>rd</sup> Independence Day was celebrated on 15 Aug 2019 at NITAP.



*Photo: 73<sup>rd</sup> Independence Day Celebration*

### **Republic Day Celebration:**

71<sup>st</sup> Republic Day was celebrated at NITAP on 26<sup>th</sup> Jan, 2020. Prof. Pinakeswar Mahanta hoisted the flag and delivered a speech. Students' Cultural programmes were also convened during the celebration.



### **Fit India Movement**

NITAP organized **Fit India Movement** with the Fitness Pledge and a walk from NITAP premises to DC office, Yupia and return to NITAP on 29 Aug 2019.



### Teachers' Day Celebratoin

Teachers' Day 2019 was organized by 3<sup>rd</sup> year B.Tech students at TEL Auditorium on 05 Sep 2019.



### ➤ Women Empowerment Cell (WEC)

- WEC organized One Day Legal Awareness cum Marriage Registration Program at NITAP. 18 Sep 2019.



*Photo: One Day Legal Awareness Programme*

- Dr.Pallabi Kalita Hui, Chairperson, Women Welfare and Grievances Cell, NITAP organized a webinar on "Gender, Rights and Equality", 19 Jun. 2020. The speakers were Prof. Polly Vauquiline, Dept. of Women's Studies, Gauhati University and Prof.Alpana Borgohain Dept. of Women's Studies, Gauhati University.

**National Institute of Technology, Arunachal Pradesh**  
(Established by Ministry of Human Resource Development, Govt. of India)  
**Women Welfare and Grievances Cell**

**Webinar on Gender, Rights and Equality** Date: 19<sup>th</sup> June, 2020

**Moderator**



**Dr. Pallabi Kalita Hui**  
Chairperson,  
Women Welfare and Grievances Cell  
Assistant Professor  
NIT – Arunachal Pradesh

**Speakers**



**Prof. Polly Vauquiline**  
Department of Women's Studies  
Gauhati University, Guwahati, 781014  
Time: 11 AM to 12 Noon



**Prof. Alpana Borgohain**  
Department of Women's Studies  
Gauhati University, Guwahati, 781014  
Time: 2 PM to 3 PM

- International Women's Day:

Women Welfare and Grievances Cell, NITAP celebrated International Women's Day, 06 Mar, 2020.

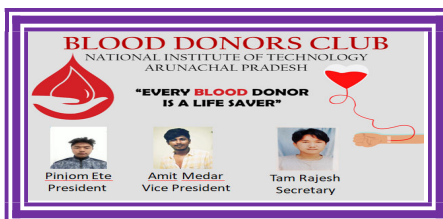


*Photo: International Women's Day 2020*

## Clubs:

### ➤ Blood Donors Club

Blood Donors Club was inaugurated by Prof. Pinakeswar Mahanta, Director, NITAP on 05 Sep 2019. Coordinators are Dr. M. Momocha Singh, Dept of MH & Lt. Achyuth Sarkar, Dept of CSE, NITAP. Names of the Club Bearer: Pinjom Ete, President, Amit Medar, Vice President & Tam Rajesh, Secretary.



### ➤ Hollong Eco Innovative Club

Hollong Eco Innovative Club was inaugurated by Prof. Pinakeswar Mahanta, Director, NITAP on 05 Sep 2019. Coordinators are Dr. M. Momocha Singh & Dr. K. Vijayakumar, Dept of MH, NITAP. Names of the Club Bearer: Nitish Negi, President, Mikgan Mossang, Vice President & Kenbi Riba, Secretary.



### ➤ Ek Bharat Shreshtha Bharat (EBSB) Club:

Ek Bharat Shreshtha Bharat (EBSB) Club was inaugurated by Prof. Pinakeswar Mahanta, Director, NITAP on 26<sup>th</sup> Jan, 2020.



## UNNAT BHARAT ABHIYAN (UBA):

On the occasion of 71<sup>st</sup> Republic Day of India, the Grama Sabha was conducted by UBA Cell, NITAP in the adopted village Sandgupota. Dr. Dipak Sen, the coordinator of the UBA programme along with four students and two staffs organized Grama Sabha and had an

interaction session with local government officials discussing the difficulties faced by the villagers.



*Photo: Grama Sabha at adopted village Sandgupota*

<b>Names of Toli</b>	<b>Coordinators</b>	<b>Photos</b>
Swachh Bharat Toli	<p><u>Faculty Coordinator:</u> Dr. M.M. Singh</p> <p><u>Student Coordinator:</u> Kajal Kumari</p>	
Paryavaran Sanrakshan Toli	<p><u>Faculty Coordinator:</u> Dr. M. D. Ghatak</p> <p><u>Student Coordinator:</u> Vaibhavi</p>	
Nasha Mukta Abhiyan Ke Liye Kaam Karne Wali Toli	<p><u>Faculty Coordinator:</u> Dr. P. Meher</p> <p><u>Student Coordinator:</u> Subhanshu</p>	
Bijli Sanrakshan Toli	<p><u>Faculty Coordinator:</u> Dr. K. R. Singh</p> <p><u>Student Coordinator:</u> Mikgan Mossang</p>	

<p>Fitness Club</p>	<p><u>Faculty Coordinator:</u> Dr. Shubhajit Das</p> <p><u>Student Coordinator:</u> Mikgan Mossang Kenbi Riba Nitish Kumar Tarh Gonkap Kajal Kumar</p>	
<p>Photography Club</p>	<p><u>Faculty Coordinator:</u> Dr. R. P. Sharma</p> <p><u>Student Coordinator:</u> Chandra Chandan</p>	
<p>Jal Sanrakshan Toli</p>	<p><u>Faculty Coordinator:</u> Dr. Kimjolly</p> <p><u>Student Coordinator:</u> Gyanam</p>	

# NATIONAL INSTITUTE OF TECHNOLOGY



ARUNACHAL PRADESH, YUPIA - 791112

Annual Statements of Account

**Financial Year: 2019-20**

*Compiled By:*

**RAMEN SARMA & Co.**  
CHARTERED ACCOUNTANTS,

House No-3, R. G. BARUAH ROAD, (Chandmari Flyover West Bye Lane),  
CHANDMARI, GUWAHATI - 781003, ☎ 0361-2464773(O), 094351-06813(M),  
E-mail: [rsarmaandco@gmail.com](mailto:rsarmaandco@gmail.com)

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# Contents of Annual Statements of Account for the year **2019-20**

## **NATIONAL INSTITUTE OF TECHNOLOGY**

ARUNACHAL PRADESH, YUPIA -791112

District: PAPUM PARE (Arunachal Pradesh)

1. Chartered Accountant's Report
2. Balance Sheet as at 31-03-2020
3. Schedule – I, II, III, IV, V, VI, VII & VIII forming part of the Balance Sheet.
4. Income & Expenditure Account for the year, 2019-20
5. Schedule – IX to XXII forming part of the Income & Expenditure Account.
6. Schedule – 23 : Significant Accounting Policies.
7. Schedule – 24: Contingent Liabilities and Notes to Accounts.
8. Receipts & Payments Account for the year, 2019-20
9. Annexure – I, II, III, IV, V, VI, VII & VIII relating to Receipts & Payments Account.
10. Bank Reconciliation Statement (SBI, Nirjuli Branch A/c No. 32043127339) as at 31<sup>st</sup> March, 2020
11. BRS Annexure – I & II (SBI, Nirjuli A/c No. 32043127339)
12. Bank Reconciliation Statement (SBI, Naharlagun Branch A/c No. 38208188746) as at 31<sup>st</sup> March, 2020

**CHARTERED ACCOUNTANT's REPORT**

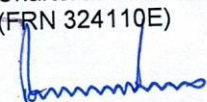
We, M/s. Ramen Sarma & Co. have prepared the **Annual Statements of Account** of the **National Institute of Technology, Arunachal Pradesh, Yupia-791112** for the financial year 2019-20 comprising the **Balance Sheet as at 31/03/2020**, the **Income & Expenditure** and the **Receipts & Payments Accounts** for the financial year ended on that date along with all schedule forming part of this Statements of Account from accounting records and documents available and found the same in agreement therewith.

The Annual Statements of Account of the year have been prepared by us from the books of account of the Institute for the year maintained in Tally software. We however, have not conducted audit of the annual account of the NIT for the year 2019-20. We have maintained the books of account mechanically on behalf of the NIT and have only compiled the statements of account of the year from the books of account so maintained by us at the office of the Institute. The Report has a reference to the Significant Accounting Policies (at Schedule 23 enclosed) and Notes on Accounts (at Schedule 24 enclosed).

Place: Guwahati  
Date: The 30<sup>th</sup> Nov., 2020

For, **Ramen Sarma & Co.**  
Chartered Accountants,  
(FRN 324110E)



  
(CA. Ramen Ch. Dev Sarma)  
Membership No. 059607  
Partner

UDIN: 20059607AAAACR2523

**NATIONAL INSTITUTE OF TECHNOLOGY**  
Arunachal Pradesh, Yupia-791112

**BALANCE SHEET AS AT 31ST MARCH, 2020**

(Amount in Rs.)

<b>SOURCES OF FUNDS</b>	<b>Schedule</b>	<b>Current year</b>	<b>Previous Year</b>
<b>CORPUS/CAPITAL FUND AND LIABILITIES</b>			
CORPUS/CAPITAL FUND	1	<b>4,66,22,04,006.07</b>	3,38,39,31,876.75
EARMARKED / ENDOWMENT FUNDS	2	-	-
CURRENT LIABILITIES AND PROVISIONS	3	<b>88,31,49,008.94</b>	21,09,46,613.41
<b>TOTAL</b>		<b>5,54,53,53,015.01</b>	3,59,48,78,490.16
<b>APPLICATION OF FUNDS</b>	<b>Schedule</b>	<b>Current year</b>	<b>Previous Year</b>
<b>FIXED ASSETS</b>			
Tangible Assets	4	<b>1,60,77,29,901.72</b>	34,94,06,390.00
Intangible Assets		<b>33,315.78</b>	46,29,154.00
Capital Work-in-Progress		<b>2,93,19,94,138.00</b>	2,93,19,94,138.00
<b>INVESTMENT FROM EARMARKED / ENDOWMENT FUNDS</b>			
Long Term	5	-	-
Short Term			
<b>INVESTMENTS OTHERS</b>			
	6	-	-
<b>CURRENT ASSETS</b>			
	7	<b>99,36,66,716.51</b>	29,71,88,124.16
<b>LOANS, ADVANCES &amp; DEPOSITS</b>			
	8	<b>1,19,28,943.00</b>	1,16,60,684.00
<b>TOTAL</b>		<b>5,54,53,53,015.01</b>	3,59,48,78,490.16

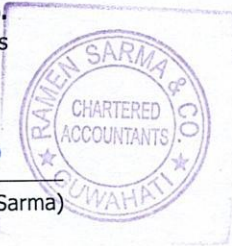
**SIGNIFICANT ACCOUNTING POLICIES** 23  
**CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS** 24

Signed in terms of our Chartered Accountants Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants




(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



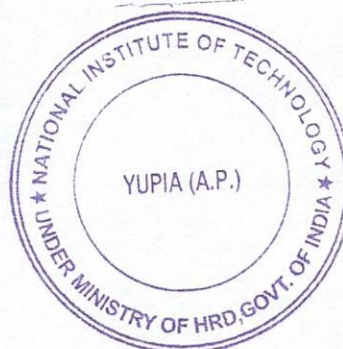
For, **NATIONAL INSTITUTE OF TECHNOLOGY**

  
CHAIRPERSON

  
DIRECTOR

  
DEPUTY REGISTRAR

  
REGISTRAR

  
ACCOUNTANT


**NATIONAL INSTITUTE OF TECHNOLOGY  
Arunachal Pradesh, Yupia-791112**

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

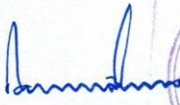
SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2020

(Amount in Rs.)

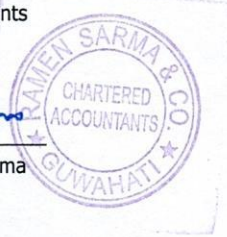
Particulars	Current year		Previous Year	
Balance as at beginning of the year	3,38,39,31,876.75		3,34,84,11,087.00	
Add: Contributions towards Corpus/ Capital Fund	1,35,22,57,072.50	4,73,61,88,949.25	1,53,59,225.00	3,36,37,70,312.00
Add: Balance of excess over expenditure transferred from Income & Expenditure Account		-7,39,84,943.18		2,01,61,564.75
<b>BALANCE AS AT THE YEAR-END</b>		<b>4,66,22,04,006.07</b>		<b>3,38,39,31,876.75</b>

Signed in terms of our Chartered Accountants Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants



Ramen Ch. Dev Sarma  
Proprietor  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**



CHAIRPERSON




DIRECTOR



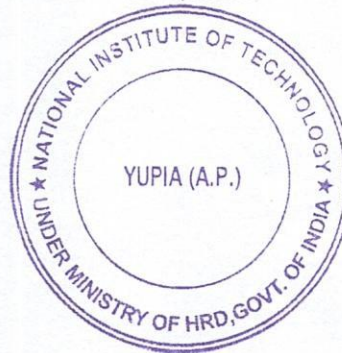
DEPUTY REGISTRAR



REGISTRAR



ACCOUNTANT



**NATIONAL INSTITUTE OF TECHNOLOGY**  
Arunachal Pradesh, Yupia-791112

**SCHEDULE 3- CURRENT LIABILITIES AND PROVISIONS**

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2020

(Amount in Rs.)

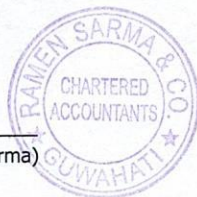
Particulars	Schedule	Current Year		Previous Year	
<b>A. CURRENT LIABILITIES</b>					
1. Deposits/Loans from TEQIP		(11,33,757.00)			2,32,660.00
2. Deposits from Students			-		
3. Deposits-Others (including EMD, Security Deposit)	3 (A)	85,94,001.20		86,59,052.00	
4. Security Deposits - Staff		2,01,472.00	76,61,716.20	1,12,672.00	87,71,724.00
5. Caution Money Deposits				9,60,000.00	
6. Students Scholarship Receipts				4,71,630.00	
7. ESIC Intermediary A/C		11,00,000.00		11,00,000.00	
8. Statutory Liabilities :					
a) GPF				15,325.00	
b) GSLIS				1,400.00	
c) NPS				11,90,430.00	
d) TDS				-	
e) CGST		56,181.00			
f) SGST		56,181.00			
g) IGST		5,28,347.00			
h) GSTR-7 Late fee payable		10,000.00			
i) GSTR-7 interest on Late fee payable		11,445.00	17,62,154.00		
9. Atal Academy Programme (D Gupta)		57,000.00			
10. CPS Liability (Opening 1-04-2018)		19,74,854.00			
11. CCMT		53,656.00			
12. CSAB		3,15,929.00			
13. ESIC International Conference (P Meher)		7,77,905.00			
14. Student scholarship/ Fellowship (TEQIP-III)		1,36,584.00			
15. Sundry Creditor (Ramen Sarma & Co.,)		(3,48,761.00)	29,67,167.00		37,38,785.00
9. Govt. Grants / Subsidies (Balance C/F)	10		86,25,47,872.74		17,69,46,591.00
<b>TOTAL (A)</b>			<b>87,49,38,909.94</b>		<b>18,96,89,760.00</b>
<b>B. PROVISIONS</b>					
1. For Outstanding Liabilities					
a) Outstanding Expenses	3 (B)		82,10,099.00		2,12,56,853.41
b) CCMT Fund (Honorarium)					
<b>TOTAL (B)</b>			82,10,099.00		2,12,56,853.41
<b>TOTAL (A+B)</b>			<b>88,31,49,008.94</b>		<b>21,09,46,613.41</b>

Signed in terms of our Chartered Accountants Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**



CHAIRPERSON



DIRECTOR



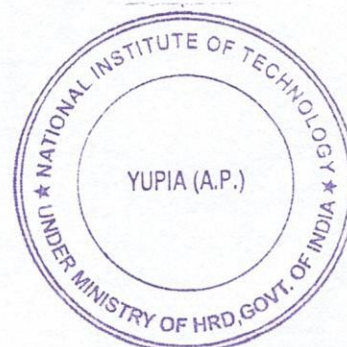
DEPUTY REGISTRAR



REGISTRAR



ACCOUNTANT



**NATIONAL INSTITUTE OF TECHNOLOGY**  
**Arunachal Pradesh, Yupia-791112**

**SCHEDULE 3 (A) - CURRENT LIABILITIES AND PROVISIONS : SECURITY DEPOSITS & OTHERS**

**SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2020**

*(Amount in Rs.)*

Particulars	Current Year			Previous Year
	Opening Balance I	Payment this Year II	Closing Balance III = I - II	Closing Balance
1 SD-CCMT	-		-	-
2 SD-Contractors	8,50,841.00		8,50,841.00	8,50,841.00
3 SD-CSAB	1,43,724.00		1,43,724.00	1,43,724.00
4 SD-CWF	12,603.00		12,603.00	12,603.00
5 SD-DASA	1,00,000.00		1,00,000.00	1,00,000.00
6 SD-EMD	40,42,084.00		40,42,084.00	40,42,084.00
7 SD-Employees	39,744.00		39,744.00	39,744.00
8 SD-Entrepreneur	10,00,000.00		10,00,000.00	10,00,000.00
9 SD-IDBI	5,00,000.00		5,00,000.00	5,00,000.00
10 SD-Loan Account	45,600.00		45,600.00	45,600.00
11 SD-NCC	65,590.00		65,590.00	65,590.00
12 SD-NPS	1,79,485.00	65,050.80	1,14,434.20	1,79,485.00
13 SD-Pension	6,05,500.00		6,05,500.00	6,05,500.00
14 SD-Performance Security	4,29,192.00		4,29,192.00	4,29,192.00
15 SD-R&D Project	4,18,150.00		4,18,150.00	4,18,150.00
16 SD-Student Insurance	35,250.00		35,250.00	35,250.00
17 SD-SWF	1,91,289.00		1,91,289.00	1,91,289.00
<b>Grand Total</b>	<b>8659052.00</b>	<b>65050.80</b>	<b>8594001.20</b>	<b>8659052.00</b>

Signed in terms of our Chartered Accountants Report of even date  
For, **Ramen Sarma & Co.**  
Chartered Accountants

For, **NATIONAL INSTITUTE OF TECHNOLOGY**




(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



CHAIRPERSON



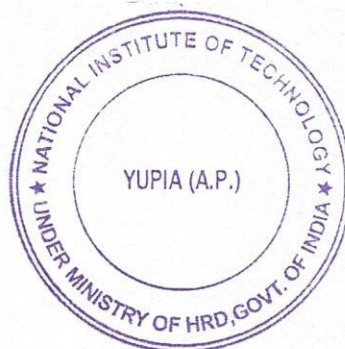
DIRECTOR



DEPUTY REGISTRAR



REGISTRAR




ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
**Arunachal Pradesh, Yupia-791112**

**SCHEDULE 3 (B) - CURRENT LIABILITIES AND PROVISIONS : OUTSTANDING EXPENSES**

**SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2020**

(Amount in Rs.)

Particulars	Current Year	Previous Year
1 Arunachal Broadband		49,000.00
2 Auditor's Remuneration Payable (2019-20)	9,44,000.00	
3 CCMT Telephone Bill (Payable)	3,813.00	
4 Convocation Nerist Guest House (Payable)	6,075.00	
5 Dr. M P Dutta		5,26,904.00
6 Electricity Charge Payable	15,48,386.00	16,07,603.00
7 Exclusive Advertising		1,50,343.00
8 Growmore Media House	1,44,170.00	1,44,170.00
9 Honorarium Payable		1,15,000.00
10 Honorarium to Guest Faculty (Payable)	9,00,000.00	
11 Hotel Golden Orchid		7,404.00
12 Hotel S C Continental		35,338.00
13 HRA Payable		18,000.00
14 Jorjo Jomoh		5,450.00
15 Law College-Rent		
16 Maa Kamakhya Food Service		8,120.00
17 M D Ghatak		17,700.00
18 Medical Doctor Salary (Payable)	40,000.00	
19 Medical Expenses Payable		3,59,286.41
20 M/s ADCR Enterprise		69,494.00
21 M/s Victory Trading Agency		65,919.00
22 Nirjuli Petrol Pump (Payable)	1,69,928.00	
23 North Estern Trade Agency		16,447.00
24 N R Enterprise		68,200.00
25 Rajiv Sarkar		99,500.00
26 Rent Payable	20,39,620.00	1,34,90,232.00
27 Salary for Security Guard Payable		14,76,958.00
28 Saraswati Printing		1,03,880.00
29 Scholarship Fellowship (Payable)	2,85,200.00	
30 Scholarship Payable		1,03,480.00
31 Security Service (Payable)	14,28,187.00	
32 S K Patodia & Associates		35,400.00
33 SSA Rent Payable	4,06,272.00	
34 TA/DA Payable		1,20,082.00
35 Telephone Bill (Payable)	48,928.00	
36 Tollo Kudung Multipurpose Co-Society Ltd.		10,033.00
37 Vehicle Higher Charge (Payable)	2,45,520.00	
38 Vehicle Hlring Expenses Payable		15,31,488.00
39 Wages Payable		10,21,422.00
<b>Grand Total</b>	<b>82,10,099.00</b>	<b>2,12,56,853.41</b>

Signed in terms of our Chartered Accountants Report of even date  
For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**



CHAIRPERSON



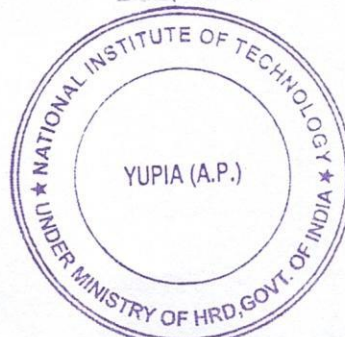
DIRECTOR



DEPUTY REGISTRAR



REGISTRAR




ACCOUNTANT

SCHEDULE 4 - FIXED ASSETS & DEPRECIATION

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2020

DESCRIPTION	GROSS BLOCK				Rate	DEPRECIATION				NET BLOCK				
	Cost/valuation at the beginning of the year as on 01.04.2019	Additions during the FY. 2019-20	Deductions during the year	Cost/valuation at the year-end as on 31.03.2020		D = A + B - C	E	F	G	H = F + G	I = D * E	J	Total Depreciation up to the Year-end as on 31.03.2020	As at the Current year-end as on 31.03.2020
<b>A. TANGIBLE ASSETS</b>														
1. Land at Site	5,76,72,096.00	1,35,22,57,072.50	-	1,35,22,57,072.50	0.00%	-	-	-	-	-	-	-	1,35,22,57,072.50	-
2. Site Development	1,15,60,806.00	-	-	1,15,60,806.00	0.00%	27,04,448.20	15,61,827.84	42,66,276.04	11,93,53,085.75	5,78,040.30	-	48,44,316.34	5,76,72,096.00	5,76,72,096.00
3. Plant & Machinery	26,52,97,993.00	-	-	26,52,97,993.00	8.00%	8,35,12,147.25	3,58,40,908.50	11,93,53,085.75	21,22,33,839.44	2,12,23,839.44	-	14,05,76,895.26	67,16,489.66	88,56,358.00
4. Scientific & Laboratory Equipments	55,89,594.00	-	-	55,89,594.00	7.50%	17,78,367.28	7,55,136.23	25,33,503.51	4,19,219.55	26,90,722.20	-	79,52,723.06	26,36,870.94	38,11,222.00
5. Office Equipments	1,34,53,611.00	-	-	1,34,53,611.00	20.00%	60,36,388.64	18,17,539.72	78,53,928.36	2,37,08,347.28	42,35,266.35	-	1,05,44,650.56	79,08,960.44	74,17,222.00
6. Computer / Peripherals	5,64,70,218.00	-	-	5,64,70,218.00	7.50%	1,60,79,401.83	76,28,945.45	2,37,08,347.28	2,37,08,347.28	42,35,266.35	-	2,79,45,613.63	2,85,26,604.37	4,03,90,816.00
7. Furniture & Fixtures	33,39,022.00	-	-	33,39,022.00	10.00%	12,08,510.15	4,51,091.17	16,59,601.32	3,33,902.20	3,33,902.20	-	19,93,902.20	13,45,518.46	21,30,512.00
8. Vehicles	6,88,15,942.00	-	-	6,88,15,942.00	10.00%	2,24,08,507.74	92,96,833.19	3,17,05,320.93	68,81,594.20	68,81,594.20	-	3,85,86,915.13	3,02,29,026.87	4,64,07,454.00
9. Library Books & Journals	51,832.00	-	-	51,832.00	7.50%	16,641.96	7,002.34	23,644.30	3,887.40	3,887.40	-	27,531.70	24,300.30	35,190.00
10. Musical Instruments	2,89,446.00	-	-	2,89,446.00	5.00%	52,355.77	39,103.23	91,459.00	14,472.30	14,472.30	-	1,05,931.30	1,83,514.70	2,37,190.00
11. Electrical Installations	7,34,182.00	-	-	7,34,182.00	7.50%	71,583.00	99,185.63	1,70,768.63	55,063.65	55,063.65	-	2,25,832.28	5,08,349.72	6,62,599.00
12. Telephone	48,32,74,742.00	1,35,22,57,072.50	-	1,35,22,57,072.50	-	13,38,68,351.82	5,74,97,553.30	19,13,65,905.12	3,64,36,007.59	3,64,36,007.59	-	22,78,01,912.78	1,60,77,29,901.72	34,94,06,390.00
<b>TOTAL OF CURRENT YEAR</b>														
	2,93,19,94,138.00	2,93,19,94,138.00	-	2,93,19,94,138.00	-	13,38,68,351.82	5,74,97,553.30	19,13,65,905.12	3,64,36,007.59	3,64,36,007.59	-	22,78,01,912.78	1,60,77,29,901.72	2,93,19,94,138.00
<b>B. CAPITAL WORK-IN-PROGRESS</b>														
	64,16,564.90	-	-	64,16,564.90	40.00%	43,33,127.12	8,66,857.35	51,99,984.47	12,16,579.43	12,16,579.43	-	64,16,563.90	1.00	20,83,438.00
1. Computer Software	64,34,115.00	-	-	64,34,115.00	40.00%	38,88,398.89	8,69,226.31	47,57,627.20	16,43,173.02	16,43,173.02	-	64,00,800.22	33,314.78	25,45,716.00
2. Lan / Networking	1,28,50,679.90	-	-	1,28,50,679.90	-	82,21,526.01	17,36,085.66	99,57,611.67	28,59,752.45	28,59,752.45	-	1,28,17,364.12	33,315.78	46,29,154.00
<b>TOTAL OF CURRENT YEAR</b>														
	3,42,81,19,559.90	1,35,22,57,072.50	-	4,78,03,76,632.40	-	14,20,89,877.83	5,92,33,638.96	20,13,23,516.79	3,92,95,760.04	3,92,95,760.04	-	24,06,19,276.90	4,53,97,57,355.50	3,28,60,29,682.00

\*\*\* Note : As per decision of 22nd Finance Committee dated 23 June 2020, National Institute of Technology, Arunachal Pradesh, Yupia - 791 112 has shifted their method of Depreciation from Written Down Value Method to Straight Line Method w.e.f. 01.04.2015. As the Accounts upto 31.03.2019 has already been finalised, the depreciation from 01.04.2015 to 31.03.2019 has been re-calculated on Straight Line Method and net effect has been accounted for in FY. 2019-20 alongwith charging of Depreciation on Straight Line Method for FY. 2019-20. Due to absence of correct Asset-wise break-up of Depreciation from 01.04.2015 to 31.03.2018 as shown in Final Accounts of these financial years, the computation of Asset-wise Written Down Value as on 31.03.2019 on Straight Line Method is not possible. Hence the accumulated difference of Depreciation of Rs. 5,92,33,638.96 as on 31.03.2019, due to change in method of Depreciation, has been distributed to the depreciable Assets in the proportion to their Gross Value as on 31.03.2019. By deducting this distributed depreciation and the depreciation charged in the FY. 2019-20 on SLM, the Written Down Value of the respective assets as on 31.03.2020 has been computed.

Signed in terms of our Chartered Accountants Report of even date

For, Ramesh Sarma & Co.  
Chartered Accountants

(CA. Ramesh Ch. Dev Sarma)  
Partner  
M.No 059607  
Place - Guwahati  
Date : 30-11-2020



*[Signature]*  
DIRECTOR

*[Signature]*  
REGISTRAR

*[Signature]*  
DEPUTY REGISTRAR



**NATIONAL INSTITUTE OF TECHNOLOGY**  
Arunachal Pradesh, Yupia-791110

**SCHEDULE 5- INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS**

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2020

(Amount in Rs.)

Particulars	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	-	-
7. Others (to be specified) Fixed Deposits:		
a) Pension Fund	-	-
b) IDF	-	-
c) GPF	-	-
d) Leave Encashment Fund	-	-
<b>TOTAL</b>	-	-

**SCHEDULE 6- INVESTMENTS- OTHERS**

Particulars	Current Year	Previous Year
1. In Government Securities	-	-
2. Other approved Securities	-	-
3. Shares	-	-
4. Debentures and Bonds	-	-
5. Others (to be specified)		
a) Fixed Deposits (General)	-	-
<b>TOTAL</b>	-	-

Signed in terms of our Chartered Accountants Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants



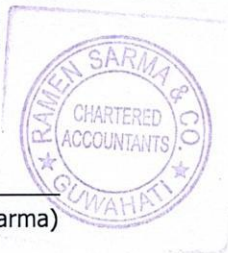
(CA. Ramen Ch. Dev Sarma)

Partner

M.No 059607

Place : Guwahati

Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**



CHAIRPERSON



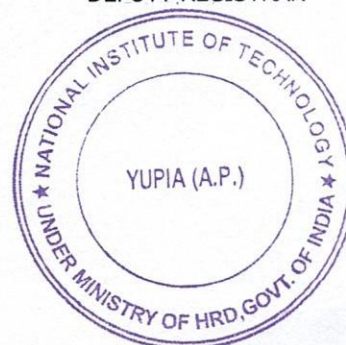
DIRECTOR



DEPUTY REGISTRAR



REGISTRAR




ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
Arunachal Pradesh, Yupia-791112

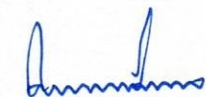
**SCHEDULE - 7: CURRENT ASSETS**

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2020

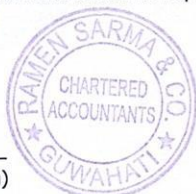
(Amount in Rs.)

Particulars	Current Year		Previous Year	
1. Cash / Liquidation balance:				
a) Cash in Hand	-		-	
b) Petty cash in Hand (Imprest)			21,345.00	
c) Closing Stock			1,85,849.27	2,07,194.27
2. Bank Balances:				
a) with Scheduled Banks				
- In Current Account				
SBI (Nirjuli Br.) A/c No. 32043127339	35,84,97,873.39		3,10,00,063.79	
- In Current Account				
Mess A/c (old) SBI (Nirjuli Br.) A/c No. 32043126506	17,500.00		17,500.00	
- In Savings Account				
ICICI A/c No. 259305000041	-		20,00,000.00	
- In Savings Account				
SBI (Naharlagun Br.) A/c No. 38208188746	3,06,64,449.19		2,12,74,566.10	
- In Savings Account				
Corpus Fund A/c ( SBI, Naharlagun Br.) A/c No. 38208192335	7,60,14,237.10		2,00,00,000.00	
- In Savings Account				
CANARA Bank (Itanagar Br.) A/c No. 3435101005134	1,13,84,997.00		-	
- In Savings Account				
CPS Fund A/c ( SBI, Nirjuli Br.) A/c No. 32130405445	19,74,206.00		-	
- In Savings Account				
AXIS Bank (Itanagar Br.) A/c No. 919010005770836	14,35,853.83	47,99,89,116.51	1,00,000.00	7,43,92,129.89
b) RD from trainee teachers SD A/c				
- In Recurring Deposits				
SBI (Nirjuli Br.) A/c No. 35612263864		1,77,600.00		88,800.00
c) Grants Receivable from MHRD				
OH-31 (General)			2,25,00,000.00	
OH-36 (Salary)			20,00,00,000.00	
OH-35 (Construction)	51,35,00,000.00	51,35,00,000.00	-	22,25,00,000.00
(as per Annexure - II)				
<b>TOTAL</b>		<b>99,36,66,716.51</b>		<b>29,71,88,124.16</b>

Signed in terms of our Chartered Accountants Report of even date  
For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**



CHAIRPERSON



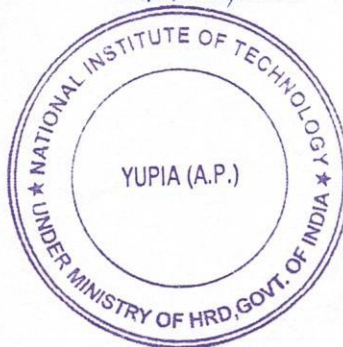
DIRECTOR



DEPUTY REGISTRAR



REGISTRAR




ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY  
Arunachal Pradesh, Yupia-791112**

**SCHEDULE 8- LOANS, ADVANCES & DEPOSITS**

**SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2020**

*(Amount in Rs.)*

Particulars	Current Year		Previous Year	
1. Advances to employees: (Non-interest bearing)				
a) Salary				
b) POL & Office Expense				
c) Misc. Advance				
Opening Balance as on 01-04-2019	90,64,322.00		89,13,736.00	
Add: Advance of Current year outstanding on 31-03-2020	2,69,109.00	93,33,431.00	1,50,586.00	90,64,322.00
d) Imprest Advance	-		-	850.00
e) Others:	11,59,652.00		11,59,652.00	
i) Advance Hostel rent paid	14,27,775.00		14,27,775.00	
ii) Receivable from R & D Department	8,085.00	25,95,512.00	8,085.00	25,95,512.00
		<b>1,19,28,943.00</b>		<b>1,16,60,684.00</b>
<b>TOTAL</b>		<b>1,19,28,943.00</b>		<b>1,16,60,684.00</b>

Signed in terms of our Chartered Accountants Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020

For, **NATIONAL INSTITUTE OF TECHNOLOGY**

CHAIRPERSON

DIRECTOR

DEPUTY REGISTRAR

REGISTRAR



ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
Arunachal Pradesh, Yupia-791112

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

(Amount in Rs.)

<b>INCOME</b>	Schedule	Current year	Previous Year
Academic Receipts	9	<b>1,83,74,266.10</b>	3,66,52,294.60
Grants/Subsidies	10	<b>24,75,98,718.26</b>	24,15,07,488.00
Income from investments	11	-	-
Interest Earned	12	<b>52,10,888.00</b>	2,90,616.00
Other Income	13	<b>9,59,216.72</b>	11,02,971.00
Prior Period Income	14	<b>85.00</b>	-
<b>TOTAL (A)</b>		<b>27,21,43,174.08</b>	27,95,53,369.60
<b>EXPENDITURE</b>			
Staff Payments & Benefits (Establishment Expenses)	15	<b>18,45,56,330.12</b>	15,14,68,234.31
Academic Expenses	16	<b>1,12,13,154.00</b>	1,35,94,780.95
Administrative and General Expenses	17	<b>2,70,36,840.00</b>	4,99,97,069.10
Transportation Expenses	18	<b>2,08,49,293.00</b>	1,69,96,372.40
Repairs & Maintenance	19	<b>16,38,611.00</b>	36,85,608.90
Finance Costs	20	<b>13,394.22</b>	5,798.50
Depreciation for Current year	4	<b>3,92,95,760.04</b>	1,80,70,165.82
Adjustment due to change in method of Depreciation	4	<b>5,92,33,638.96</b>	-
Other Expenses	21	<b>17,02,496.27</b>	55,73,774.87
Prior Period Expenses	22	<b>5,88,599.65</b>	-
<b>TOTAL (B)</b>		<b>34,61,28,117.26</b>	25,93,91,804.85
<b>Balance being excess of Income over Expenditure (A-B)</b>		<b>(7,39,84,943.18)</b>	2,01,61,564.75
Transferred to Special Reserve		-	-
Transferred to / from General Reserve		-	-
<b>BALANCE BEING SURPLUS / (DEFICIT) CARRIED TO CORPUS/CAPITAL FUND</b>		<b>(7,39,84,943.18)</b>	2,01,61,564.75

SIGNIFICANT ACCOUNTING POLICIES

23

CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS

24

Signed in terms of our Chartered Accountants Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**



CHAIRPERSON



DIRECTOR



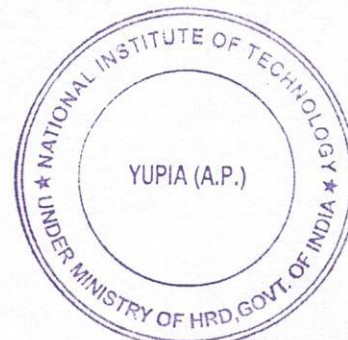
DEPUTY REGISTRAR



REGISTRAR



ACCOUNTANT



**NATIONAL INSTITUTE OF TECHNOLOGY  
Arunachal Pradesh, Yupia-791112**

**SCHEDULE 9 - ACADEMIC RECEIPTS**

**SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2020**

*(Amount in Rs.)*

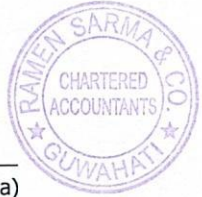
Particulars	Current Year	Previous Year
1) Annual Fees & Registration	2,43,10,028.10	2,89,29,711.60
2) CCMT		(1,25,893.00)
3) CSAB	69,01,500.00	72,55,000.00
4) Allumni Fees	20,000.00	-
5) Interview fees receipt	300.00	-
6) Internal Revenue Generation (IRG)	(1,29,57,562.00)	-
7) Fees Fine		-
8) Application & Vendor's Registration Fees		2,34,259.00
9) Fine & Misc. Fees		1,36,343.00
10) Fund receipts for Project A/C		-
11) Hostel fees receipts		25,282.00
12) Scholarship Receipts		-
13) CCMN	1,00,000.00	1,97,592.00
14) Project Overhead Charges		-
<b>TOTAL</b>	<b>1,83,74,266.10</b>	<b>3,66,52,294.60</b>

**Note : Accounting Policies towards each item are to be disclosed**

Signed in terms of our Chartered Accountants Report of even date  
For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020

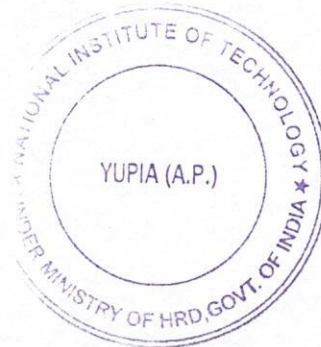


For, **NATIONAL INSTITUTE OF TECHNOLOGY**

  
CHAIRPERSON

  
DIRECTOR

  
DEPUTY REGISTRAR

  
REGISTRAR

  
ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
Arunachal Pradesh, Yupia-791112

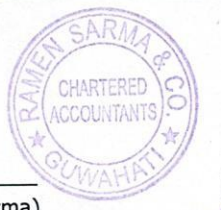
**SCHEDULE 10- GRANTS/ SUBSIDIES (IRREVOCABLE GRANTS RECEIVED)**

**SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2020**

Particulars	Plan			Current Year Total	Previous Year Total
	Govt. of India	UGC			
		Plan	Specific Schemes		
<b>Balance B/F</b>	17,69,46,591.00	-	-	17,69,46,591.00	9,05,13,304.00
Add: Receipts during the year	93,32,00,000.00	-	-	93,32,00,000.00	34,33,00,000.00
<b>Total =</b>				<b>1,11,01,46,591.00</b>	<b>43,38,13,304.00</b>
Less: Refund to UGC	-			-	-
<b>Balance =</b>				<b>1,11,01,46,591.00</b>	<b>43,38,13,304.00</b>
Less: Utilized for Capital Expenditure (A)	-	-	-	-	1,53,59,225.00
<b>Balance =</b>				<b>1,11,01,46,591.00</b>	<b>41,84,54,079.00</b>
Less: Utilized for Revenue Expenditure (B)	24,75,98,718.26	-	-	24,75,98,718.26	24,15,07,488.00
<b>Balance C/F (C)</b>				<b>86,25,47,872.74</b>	<b>17,69,46,591.00</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 Account.  
**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

Signed in terms of our Chartered Accountants Report of even date  
 For, **Ramen Sarma & Co.**  
 Chartered Accountants

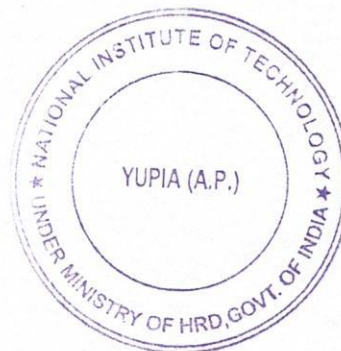
(CA. Ramen Ch. Dev Sarma)  
 Partner  
 M.No 059607  
 Place : Guwahati  
 Date : 30-11-2020

, **NATIONAL INSTITUTE OF TECHNOLOGY**

  
 CHAIRPERSON

  
 DIRECTOR

  
 DEPUTY REGISTRAR

  
 REGISTRAR

  
 ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
Arunachal Pradesh, Yupia-791112

**SCHEDULE 11 - INCOME FROM INVESTMENTS**

**SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2020**

*(Amount in Rs.)*

Particulars	Investment from Earmarked Fund	
	Current Year	Previous Year
(Income on invest. from Earmarked /Endowments Funds transferred to Funds)		
1) Interest:		
a) On Govt. Securities	-	-
b) Other Bonds/ Debentures	-	-
c) Interest on FD( Pension fund)	-	-
d) Interest on FD( IDF)	-	-
e) Interest on FD ( GPF fund)	-	-
f) Interest on FD (Leave Encashment)	-	-
g) Interest on SB (Pension A/C)	-	-
h) Interest on GPF A/C (SB)	-	-
2) Dividends:		
a) On Shares	-	-
3) Rents	-	-
4) others (specify)	-	-
<b>TOTAL</b>	-	-
<b>LESS: TRANSFERRED TO EARMARKED/ ENDOWMENT FUNDS</b>	-	-
<b>TOTAL</b>	-	-

**SCHEDULE 12- INTEREST EARNED**

Particulars	Current Year	Previous Year
1. On term Deposits:		
a) With Scheduled Banks	-	-
2. On Savings Accounts:		
a) With Scheduled Banks	52,10,888.00	2,90,616.00
b) Interest on SB (CBSP A/C)	-	-
3. On Loans:		
a) Employees/ Staff	-	-
<b>TOTAL</b>	<b>52,10,888.00</b>	<b>2,90,616.00</b>

Signed in terms of our Chartered Accountants Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**



CHAIRPERSON



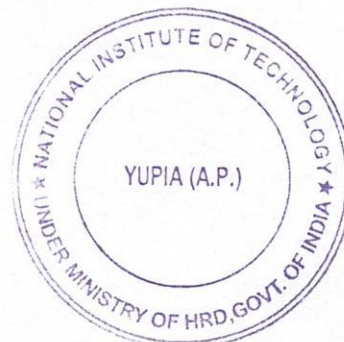
DIRECTOR



DEPUTY REGISTRAR



REGISTRAR




ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
Arunachal Pradesh, Yupia-791112

**SCHEDULE 13- OTHER INCOME**

**SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2020**

(Amount in Rs.)

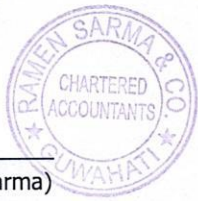
Particulars	Current Year	Previous Year
1. Profit on Sale / Disposal of Assets:		
a) Owned assets	-	-
B) Other assets	-	-
<b>2. Miscellaneous Income:</b>		
a) Xerox machine charge receipt from Student	1,53,022.00	-
b) Ambulance Charge Deducted from Salary	900.00	-
c) Application Fees		400.00
d) Received from Guest House A/c	31,859.00	-
e) Project Overhead Charge		10,32,491.00
f) Miscellaneous receipt	7,54,886.72	21,820.00
g) House Rent Recovery		48,260.00
h) Income from TEL Centre	2,000.00	
i) Others	16,549.00	
<b>TOTAL</b>	<b>9,59,216.72</b>	<b>11,02,971.00</b>

Signed in terms of our Chartered Accountants Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**

  
CHAIRPERSON

  
DIRECTOR

  
DEPUTY REGISTRAR

  
REGISTRAR

  
ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
**Arunachal Pradesh, Yupia-791112**

**SCHEDULE 14- PRIOR PERIOD INCOME**

**SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2020**  
(Amount in Rs.)

Particulars	Current Year	Previous Year
1. Error in calculation in providing income	-	-
2. Omission to account for income	85.00	-
3. Treating operating lease as finance lease	-	-
4. Capitalisation of borrowing cost on working capital	-	-
5. Others	-	-
<b>TOTAL</b>	<b>85.00</b>	<b>-</b>

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Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**

  
CHAIRPERSON  
DIRECTOR  
DEPUTY REGISTRAR  
REGISTRAR  
ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY  
Arunachal Pradesh, Yupia-791112**

**SCHEDULE 15- ESTABLISHMENT EXPENSES**

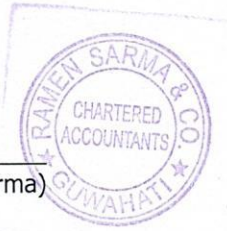
**SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2020**

		(Amount in Rs.)	
Particulars		Current Year	Previous Year
1	Salaries	12,91,57,265.00	11,21,63,977.00
2	NPS (Employers Contribution)	86,84,265.00	87,49,809.00
3	Security Salaries	1,99,00,038.82	1,28,72,657.00
4	Book Grant		-
5	Children education allowances	8,48,393.00	7,02,663.00
6	Medical Reimbursement	22,17,321.00	25,00,821.41
7	HRA		1,06,360.00
8	Honorarium	76,60,484.00	39,45,985.90
9	Leave Salary		1,04,347.00
10	Wages	1,54,70,526.30	1,03,21,614.00
11	Bonus & Allowances	99,929.00	
12	LTC	3,33,229.00	
13	CPDA	1,49,227.00	
14	Telephone reimbursement (Faculty / Staff)	35,652.00	
<b>TOTAL</b>		<b>18,45,56,330.12</b>	<b>15,14,68,234.31</b>

Signed in terms of our Chartered Accountant's report of even date  
For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020

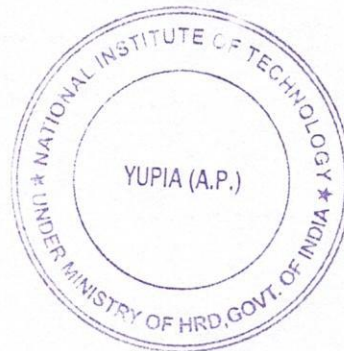


For, **NATIONAL INSTITUTE OF TECHNOLOGY**

  
CHAIRPERSON

  
DIRECTOR

  
DEPUTY REGISTRAR

  
REGISTRAR

  
ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
Arunachal Pradesh, Yupia-791112

**SCHEDULE 16- ACADEMIC EXPENSES**

**SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2020**

*(Amount in Rs.)*

Particulars	Current Year	Previous Year
1 Examination Expenses	4,70,237.00	1,60,450.00
2 Annual Athletic Meet		3,16,430.00
3 Travelling Expense (Examination related)	4,68,903.00	-
4 Placement & Training Expenses	8,81,728.00	7,64,617.00
5 Consultancy Fees		21,402.95
6 Convocation Expense	12,61,505.00	18,20,208.00
7 Library Expense		24,700.00
8 Field Work / Conference		500.00
9 Recruitment Expense	12,47,055.00	-
10 Seminar & Workshop		1,68,888.00
11 Laboratory Expense		81,715.00
12 Scholarship Payment	47,08,092.00	74,67,011.00
13 Student Project Expense (Consumables)		2,28,951.00
14 Chemicals & Glassware		59,071.00
15 Participation & Celebration Expenses	4,36,611.00	1,29,210.00
16 Sports & Tournament Expense		9,85,459.00
17 Membership Fees		1,00,000.00
18 Meeting Expense	94,607.00	9,43,107.00
19 Student Gymkhana	16,44,416.00	-
20 CCMT		-
21 CSAB		-
22 Purchase of Sports items		2,33,666.00
23 Hostel Mess Expenses		74,409.00
24 RTI Training Programme		14,986.00
<b>TOTAL</b>	<b>1,12,13,154.00</b>	<b>1,35,94,780.95</b>

Signed in terms of our Chartered Accountants Report of even date  
For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**

  
CHAIRPERSON

  
DIRECTOR

  
DEPUTY REGISTRAR

  
REGISTRAR

  
ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
Arunachal Pradesh, Yupia-791112


**SCHEDULE 17- ADMINISTRATIVE & GENERAL EXPENSES**

**SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2020**

*(Amount in Rs.)*

Particulars	Current Year	Previous Year
1) Electricity and power Charges	15,32,654.00	16,27,603.00
2) Accomodation Charges		1,77,408.00
3) Networking Materials		1,55,710.00
4) Printing and stationery	3,49,753.00	3,63,599.00
5) Travelling and Conveyance Expenses	30,13,562.00	17,47,692.00
6) Addovedi Account		3,56,014.00
7) Auditors Fees	18,29,000.00	-
8) POL & Office Expenses		-
9) Cleaning Charges	9,34,510.00	5,99,849.00
10) Water carrying charges		4,40,000.00
11) Advertisement and Publicity	37,885.00	25,19,960.00
12) Postage, Telephone and Communication Charge	5,79,620.00	-
13) Professional Charge	2,94,000.00	-
14) Office Expense	20,39,953.00	5,84,246.00
15) Building Rent	1,63,16,989.00	3,98,71,392.00
16) Extra Carriculum Activities		6,49,770.00
17) Other Expenses:		
Fooding Charge (Canteen)		55,628.00
Miscellaneous & contingencies	1,08,914.00	72,429.00
B. Tech Project (Consumable)		1,53,373.10
Refreshment		45,000.00
Procurement of items (BTP)		47,398.00
Service Charges		59,570.00
Broad Band Charges		60,500.00
News Paper Expense		1,50,586.00
Office Meeting Expenses		2,59,342.00
<b>TOTAL</b>	<b>2,70,36,840.00</b>	<b>4,99,97,069.10</b>

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Partner  
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Place : Guwahati  
Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**

  
CHAIRPERSON

  
DIRECTOR

  
DEPUTY REGISTRAR

  
REGISTRAR

  
ACCOUNTANT

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Arunachal Pradesh, Yupia-791112**

**SCHEDULE 18- TRANSPORTATION EXPENSES**

**SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2020**  
(Amount in Rs.)

Particulars	Current Year	Previous Year
1 Vehicle Hiring Expense	1,82,08,023.00	1,43,49,325.40
2 PoL Expense		22,88,579.00
3 Repairing and Maintenance of Vehicle	26,41,270.00	93,960.00
4 Vehicle Insurance		2,64,508.00
<b>TOTAL</b>	<b>2,08,49,293.00</b>	<b>1,69,96,372.40</b>

**SCHEDULE 19- REPAIRS & MAINTENANCE**

Particulars	Current Year	Previous Year
1 Repair & Maintenance (General)	16,38,611.00	-
2 Repair & Maintenance (Mech. Dept.)		3,38,340.00
3 Maintenance of REEM Lab		6,040.00
4 Repair & Maintenance (Academic Block)		73,500.00
5 Hostel Maintenance		18,09,052.00
6 Generator Maintenance		2,31,400.00
7 Maintenance of sports items		34,480.00
8 Electrical Maintenance		7,33,258.00
9 Maintenance of office equipment		50,648.00
10 Maintenance of computer Peripherals		87,970.00
11 Maintenance of Lab. Equipment		-
12 Maintenance of Furniture		-
13 Maintenance of software		3,20,920.90
14 Cleaning Materials & Service		-
<b>TOTAL</b>	<b>16,38,611.00</b>	<b>36,85,608.90</b>

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Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
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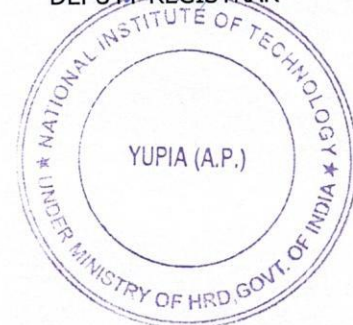


For, **NATIONAL INSTITUTE OF TECHNOLOGY**

  
CHAIRPERSON

  
DIRECTOR

  
DEPUTY REGISTRAR

  
REGISTRAR

  
ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
**Arunachal Pradesh, Yupia-791112**

**SCHEDULE 20- FINANCE COST**

**SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2020**  
(Amount in Rs.)

Particulars	Current Year	Previous Year
a) Bank Charges	13,394.22	5,798.50
b) Subsidiary Charges / Rent	-	-
<b>Total</b>	<b>13,394.22</b>	<b>5798.5</b>

**SCHEDULE 21- OTHER EXPENSES**

Particulars	Current Year	Previous Year
<u>Department wise Expenditure: (Consumables &amp; Others)</u>		
a) Basic & Applied Science Dept.	13,540.00	5,68,944.00
b) Bio-Tech Dept.	8,69,638.00	4,63,358.00
c) Bio-Tech Dept.		1,37,860.00
d) Civil Engg. Dept.	3,84,449.27	18,66,945.87
e) Chemical Engg. Dept.		70,711.00
f) CSE Dept.	62,394.00	51,720.00
g) ECE Dept.		93,007.00
h) EE Dept.	1,82,049.00	1,39,980.00
i) Env. Engg. Dept.		84,730.00
j) Mechanical Engg. Dept.	83,043.00	20,06,519.00
k) Physics Dept.		90,000.00
l) Electronics & Electrical Engg. Dept.	72,203.00	
m) Management and Humanities	35,180.00	
<b>Total</b>	<b>17,02,496.27</b>	<b>55,73,774.87</b>

Signed in terms of our Chartered Accountants Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020

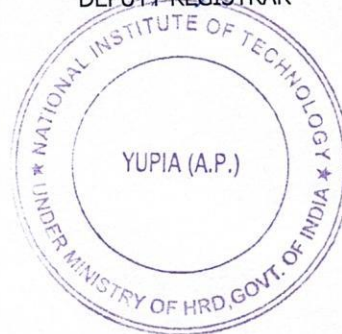


For, **NATIONAL INSTITUTE OF TECHNOLOGY**

  
CHAIRPERSON

  
DIRECTOR

  
DEPUTY REGISTRAR

  
REGISTRAR

  
ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
**Arunachal Pradesh, Yupia-791112**

**SCHEDULE 22- PRIOR PERIOD EXPENSES**

**SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2020**

(Amount in Rs.)

Particulars	Current Year	Previous Year
1. Error in calculation in providing expenditure	-	-
2. Omission to account for expenditure	5,88,599.65	-
3. Non-provision of travelling expenses for travel already undertaken	-	-
4. Non-provision for salary already due in earlier year	-	-
5. Applying incorrect rate of depreciation	-	-
6. Others	-	-
<b>TOTAL</b>	<b>5,88,599.65</b>	<b>-</b>

Signed in terms of our Chartered Accountants Report of even date  
For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**

  
CHAIRPERSON  
DIRECTOR  
DEPUTY REGISTRAR  
REGISTRAR  
ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
**Arunachal Pradesh, Yupia-791112**

**RECEIPTS AND PAYMENTS ACCOUNTS FOR THE YEAR ENDED ON 31ST MARCH, 2020**

Receipts	Annexure	Amount (Rs.)	Total (Rs.)	Payments	Annexure	Amount (Rs.)	Total (Rs.)
1 Opening Cash & Bank Balance :	I		7,43,92,129.89	1 Academic, Admin & General Expenses	V		2,51,52,884.65
2 Fund Received From MHRD, Govt. of India :	II	1,50,00,000.00		2 Salary & Allowances / Others	VI		15,03,48,951.02
a) OH-31 (General)		7,50,00,000.00		3 Other Expenses	VII		12,75,11,212.31
b) OH-36 (Salary)		32,97,00,000.00	41,97,00,000.00	4 Departmental Expenses	VIII		14,47,767.00
c) OH-35 (Construction)				5 Duties & Taxes			1,43,64,796.00
3 Other Receipts	III		25,40,37,068.00	6 Bank Charge			13,394.22
4 Academic Receipts	IV		3,08,61,452.82	7 Closing Cash & Bank Balance :	I		47,99,89,116.51
5 Bank Interest			52,10,888.00				
6 Duties & Taxes			1,46,26,583.00				
<i>Tax Deducted at Source (FY. 2019-20)</i>							
<b>Total</b>			<b>79,88,28,121.71</b>	<b>Total</b>			<b>79,88,28,121.71</b>

Signed in terms of our Chartered Accountants Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner

M.No 059607

Place : Guwahati

Date : 30-11-2020

For, **NATIONAL INSTITUTE OF TECHNOLOGY**



CHAIRPERSON



DIRECTOR



REGISTRAR



DEPUTY REGISTRAR



ACCOUNTANT



**NATIONAL INSTITUTE OF TECHNOLOGY**  
**Arunachal Pradesh, Yupia-791112**

**ANNEXURE - I : OPENING & CLOSING BALANCES**

**ANNEXURES FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS AT 31ST MARCH, 2020**

Particulars	Opening Balances		Closing Balances	
	Amount (Rs.)	Total Amount	Amount (Rs.)	Total Amount
1. Cash balance:				
a) Cash in Hand	-		-	
b) Petty cash in Hand (Imprest)	-		-	
2. Bank Balances:				
a) with Scheduled Banks				
- In Current Account				
SBI (Nirjuli Br.) A/c No. 32043127339	3,10,00,063.79		35,84,97,873.39	
- In Current Account				
Mess A/c (old) SBI (Nirjuli Br.) A/c No. 32043126506	17,500.00		17,500.00	
- In Savings Account				
ICICI A/c No. 259305000041	20,00,000.00		-	
- In Savings Account				
SBI (Naharlagun Br.) A/c No. 38208188746	2,12,74,566.10		3,06,64,449.19	
- In Savings Account				
Corpus Fund A/c ( SBI, Naharlagun Br.)	2,00,00,000.00		7,60,14,237.10	
A/c No. 38208192335				
- In Savings Account				
CANARA Bank (Itanagar Br.)	-		1,13,84,997.00	
A/c No. 3435101005134				
- In Savings Account				
CPS Fund A/c ( SBI, Nirjuli Br.)	-		19,74,206.00	
A/c No. 32130405445				
- In Savings Account				
AXIS Bank (Itanagar Br.)	1,00,000.00		14,35,853.83	
A/c No. 919010005770836				
<b>TOTAL</b>		<b>7,43,92,129.89</b>		<b>47,99,89,116.51</b>

Signed in terms of our Chartered Accountants Report of even date  
For, **Ramen Sarma & Co.**  
Chartered Accountants

*(Signature)*

(CA. Ramen Ch. Dev Sarma)  
Partner

M.No 059607

Place : Guwahati

Date : 30-11-2020

For, **NATIONAL INSTITUTE OF TECHNOLOGY**

*(Signature)*

CHAIRPERSON

*(Signature)*

DIRECTOR

*(Signature)*

REGISTRAR

*(Signature)*

DEPUTY REGISTRAR

*(Signature)*

ACCOUNTANT



**NATIONAL INSTITUTE OF TECHNOLOGY**  
**Arunachal Pradesh, Yupia-791112**

**ANNEXURE - II : GRANTS-IN-AID RECEIVED FROM MHRD (GOVT. OF INDIA) DURING THE FINANCIAL YEAR 2019-20**

**ANNEXURES FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS AT 31ST MARCH, 2020**

SL No.	Fund / Sanction Order No.	OH-31 (General)	OH-36 (Salary)	OH-35 (Construction)	Total
<b>(A)</b>	<b>Previous year's Grants received during 2019-20:</b>				
1	F.No.36-4/2018-TS.III (12th Inst. 112-31) dated 29/03/2019	1,47,00,000.00			1,47,00,000.00
2	F.No.36-4/2018-TS.III (12th Inst. 789-31) dated 29/03/2019	50,00,000.00			50,00,000.00
3	F.No.36-4/2018-TS.III (12th Inst. 796-31) dated 29/03/2019	28,00,000.00			28,00,000.00
4	F.No.36-4/2018-TS.III (12th Inst. 112-36) dated 29/03/2019		18,70,00,000.00		18,70,00,000.00
5	F.No.36-4/2018-TS.III (12th Inst. 789-36) dated 29/03/2019		50,00,000.00		50,00,000.00
6	F.No.36-4/2018-TS.III (12th Inst. 796-36) dated 29/03/2019		80,00,000.00		80,00,000.00
<b>Total (A) =</b>		<b>2,25,00,000.00</b>	<b>20,00,00,000.00</b>	<b>-</b>	<b>22,25,00,000.00</b>
<b>(B)</b>	<b>Grants received for the F/Y 2019-20:</b>				
1	F.No.36-3/2019-TS.III (1st Inst. 112-36) dated 20/09/2019		8,00,000.00		8,00,000.00
2	F.No.36-3/2019 (1st Inst. 789-36) dated 20/09/2019		61,00,000.00		61,00,000.00
3	F.No.36-3/2019 (1st Inst. 796-36) dated 20/09/2019		31,00,000.00		31,00,000.00
4	F.No.36-3/2019-TS.III dated 23/01/2020		5,00,00,000.00		5,00,00,000.00
5	F.No.36-3/2019-TS.III (12th Inst. 112-36) dated 02/03/2020		81,00,000.00		81,00,000.00
6	F.No.36-3/2019 (12th Inst. 789-36) dated 02/03/2020		45,00,000.00		45,00,000.00
7	F.No.36-3/2019 (12th Inst. 796-36) dated 02/03/2020		24,00,000.00		24,00,000.00
8	F.No.36-3/2019-TS.III (12th Inst. 112-31) dated 02/03/2020	1,50,00,000.00			1,50,00,000.00
9	F.No.36-3/2019-TS.III (Pt.2) (112-35 GBS) dated 28/03/2020			32,97,00,000.00	32,97,00,000.00
<b>Total (B) =</b>		<b>1,50,00,000.00</b>	<b>7,50,00,000.00</b>	<b>32,97,00,000.00</b>	<b>41,97,00,000.00</b>
<b>(C)</b>	<b>Grants receivable for the F/Y 2019-20:</b>				
1	F.No.36-3/2019-TS.III (Pt.2) (112-35 GBS) dated 31/03/2020		51,35,00,000.00		51,35,00,000.00
<b>Total (C) =</b>		<b>-</b>	<b>51,35,00,000.00</b>	<b>-</b>	<b>51,35,00,000.00</b>
<b>Grand Total (B + C) =</b>		<b>1,50,00,000.00</b>	<b>58,85,00,000.00</b>	<b>32,97,00,000.00</b>	<b>93,32,00,000.00</b>

Signed in terms of our Chartered Accountants Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



CHAIRPERSON

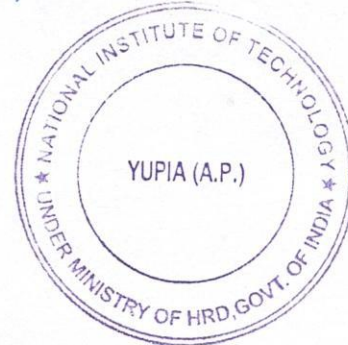
DEPUTY REGISTRAR

For, **NATIONAL INSTITUTE OF TECHNOLOGY**



DIRECTOR

REGISTRAR




ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
**Arunachal Pradesh, Yupia-791112**

**ANNEXURE - III : OTHER RECEIPTS**

**ANNEXURES FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS AT 31ST MARCH, 2020**

Particulars	Amount (Rs.)	Total Amount
<b>1. Current Liabilities:</b>		
36.07.01 NPS Contribution	17303480.00	
ATAL Academy Programme (D Gupta)	177000.00	
ATAL Academy Programme(R.S.Goswami)	162000.00	
ATAL Academy Programme(S.K.Chakaraborty)	162000.00	
CCMT	412350.00	
CPS Liability (Opening 1-04-18)	2233100.00	
CSAB	770700.00	
ESIC International Conference 2020 (P MEHER)	777905.00	
Fund Received for Project A/C	1768000.00	
GPF	183900.00	
GSLI Scheme	16800.00	
Loan From TEQIP	3844179.00	
Quarter Rent	9828.00	
Security Deposit_Trainee Teacher	88800.00	
Student Scholarship/Fellowship (TEQIP-III)	1260000.00	
Unnat Bharat Abhiyan	7359.00	29177401.00
<b>2. Current Assets:</b>		
Fund Receivable	222500000.00	
Loans & Advances (Asset)		
Advance & Loan	2176799.00	
Imprest Advance Payment	850.00	
Motor Car /Scooter Advance	12667.00	224690316.00
<b>3. Indirect Expenses</b>		
Administrative Expenses (OH 31)		
31.06.30 Transportation Hiring Charge	7810.00	
31.06.33 Rent for Hostels & Govt. Buildings	12648.00	
31.03.01 Travel Expenses		
31.03.01 Travel Expenses: Institute	36784.00	
Salary (OH 36)		
36.01 Expenditure on Salary on Regular Faculty		
36.01.02 Faculty (Salary)	28439.00	
36.02 Expenditure on Salary on Regular Non Faculty		
36.02.01 Non-Teaching Staff (Salary)	13500.00	
36.08. Employee's Other Benefits:		
36.08.02 Remuneration Part Time / Visiting Faculty	67500.00	
TEQIP		
TA/DA	2670.00	169351.00
<b>TOTAL</b>		<b>25,40,37,068.00</b>

Signed in terms of our Chartered Accountants Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



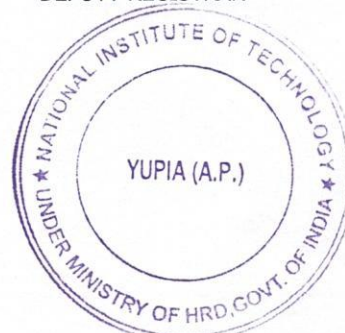
For, **NATIONAL INSTITUTE OF TECHNOLOGY**

CHAIRPERSON

DEPUTY REGISTRAR

DIRECTOR

REGISTRAR



ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
**Arunachal Pradesh, Yupia-791112**

**ANNEXURE - IV : ACADEMIC RECEIPTS**

**ANNEXURES FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS AT 31ST MARCH, 2020**

Particulars	Amount (Rs.)	Total Amount
<b>1. Indirect Incomes:</b>		
Alumni Fee Received	20000.00	
Ambulance Charge Deducted From Salary	900.00	
Excess Pay Recovery	2000.00	
Income From TEL Centre	2000.00	
Interview Fees Received	300.00	
Misc. Receipts	754839.72	
Others	16549.00	
Received From Guest House A/c	31859.00	
Internal Revenue Generation (IRG)		
CCMN Fee	100000.00	
CSAB Fee	6901500.00	
Semester Registration Fee	552735.00	
Student Registration Fees	22275897.10	
Students Application Fee	49766.00	
Xerox Machine Charge Receipt From Student	153022.00	
Prior Period Income		
Omission to Account for Income (2018-19)	85.00	30861452.82
<b>TOTAL</b>		<b>3,08,61,452.82</b>

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For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020

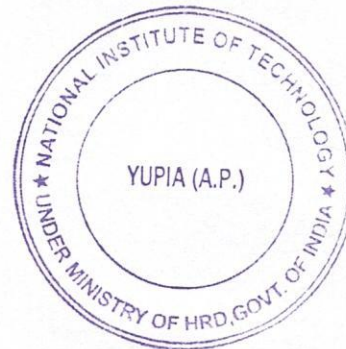


For, **NATIONAL INSTITUTE OF TECHNOLOGY**

  
CHAIRPERSON

  
DIRECTOR

  
DEPUTY REGISTRAR

  
REGISTRAR

  
ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
**Arunachal Pradesh, Yupia-791112**

**ANNEXURE - V : ACADEMIC, ADMIN & GENERAL EXPENSES**

**ANNEXURES FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS AT 31ST MARCH, 2020**

Particulars	Amount (Rs.)	Total Amount
<b>1. Indirect Expenses:</b>		
GST TDS Late Fine	1660.00	
Hiteswar Das (Fooding Charge)	74310.00	
Misc. Expenses	34303.00	
Quarter Rent Payment	206172.00	
Administrative Expenses (OH 31)		
31.02 Scholarship Payment/Fellowship	4422892.00	
31.04 SECURITY SERVICE EXPENSES	3004159.00	
31.06.16 Electricity and Power/Generator Maint	385140.00	
31.06.18 Legal Expenses and Professional Fee	294000.00	
31.06.24 ID/RD/SHD/WD, Etc Celebration	370811.00	
31.06.28 Cleaning Service (Material)	358510.00	
31.06.29 STUDENTS GYMKHANA	1509714.00	
31.06.30 Transportation Hiring Charge	3043493.00	
31.06.31 Vehicle Running & Maint.	643949.00	
31.06.32 Meeting Expenses (Food & Lodging)	64670.00	
31.03.01 Travel Expenses		
31.03.01 Travel Expenses: Institute	2371868.00	
31.06.19 Postage, Telephone and Communication Charg		
31.06.19 Postage, Telephone and Commuciation Charge	452840.00	
31.06.23 Printing and Stationery		
31.06.23 Printing and Stationery	224301.00	
31.06.25 Recruitment Expenses		
31.06.25 Recruitment Expenses	945195.00	
31.06.26 Repairs & Maintenance		
31.06.26 Repairs and Maintenance	1516532.00	
31.06 Academic Activities		
31.06.01 Honorarium to Examinar	470237.00	
31.06.02 Travelling Expenses (Examination Related)	452903.00	
31.06.03 Convocation Expenses	997886.00	
31.06.04 Palacement & Staff Tarning Expenses	855642.00	
31.06.05 ADVERTISEMENTAND PUBLICITY	12871.00	
31.06.15 Misc. Office (Consumable/Contingency)	1845143.00	
Prior Period Expenditure		
Omission to Account for Expenditure (2018-19)	588599.65	
Salary & Allowances/Others		
Honorarium	5084.00	
		2,51,52,884.65
<b>TOTAL</b>		<b>2,51,52,884.65</b>

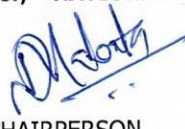
Signed in terms of our Chartered Accountants Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants




(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020

For, **NATIONAL INSTITUTE OF TECHNOLOGY**



CHAIRPERSON



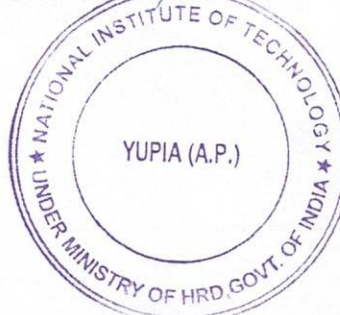
DIRECTOR



DEPUTY REGISTRAR



REGISTRAR




ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
**Arunachal Pradesh, Yupia-791112**

**ANNEXURE - VI : ESTABLISHMENT EXPENSES (SALARY & ALLOWANCES)**

**ANNEXURES FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS AT 31ST MARCH, 2020**

Particulars	Amount (Rs.)	Total Amount
<b>1. Salary &amp; Allowances/Others:</b>		
36.01 Expenditure on Salary on Regular Faculty		
36.01.01 Director (Arrear Salary)	159210.00	
36.01.01 Director (Salary)	3480410.00	
36.01.02 Faculty (Arrear Salary)	6741917.00	
36.01.02 Faculty (Salary)	90327816.00	
36.01.03 Honorarium	245200.00	
36.02 Expenditure on Salary on Regular Non Faculty		
36.02.01 Non Teaching Staff (Arrear Salary)	2830597.00	
36.02.01 Non-Teaching Staff (Salary)	34603765.00	
36.02.02 Wages to Daily Wage Staff	1953021.02	
36.02.03 Allowances & Bonus	99929.00	
36.08. Employee's Other Benefits:		
36.01.05 Children Education Allowance	848393.00	
36.03 Medical Expenditure	1798938.00	
36.03 Medical TA	163947.00	
36.05 LTC	333229.00	
36.06 CPDA	149227.00	
36.08.01 Telephone (Re-Imbursement) Faculty / Staff	35652.00	
36.08.02 Remuneration Part Time / Visiting Faculty	6577700.00	
		15,03,48,951.02
<b>TOTAL</b>		<b>15,03,48,951.02</b>

Signed in terms of our Chartered Accountants Report of even date  
For, **Ramen Sarma & Co.**  
Chartered Accountants




(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020

For, **NATIONAL INSTITUTE OF TECHNOLOGY**



CHAIRPERSON



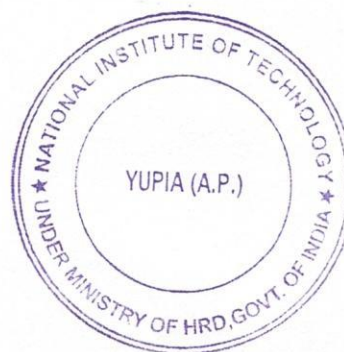
DIRECTOR



DEPUTY REGISTRAR



REGISTRAR




ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
**Arunachal Pradesh, Yupia-791112**

**ANNEXURE - VII : OTHER EXPENSES**

**ANNEXURES FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS AT 31ST MARCH, 2020**

Particulars	Amount (Rs.)	Total Amount
<b>1. Current Liabilities:</b>		
36.07.01 NPS Contribution	17368530.80	
ATAL Academy Programme (D Gupta)	120000.00	
ATAL Academy Programme(R.S.Goswami)	162000.00	
ATAL Academy Programme(S.K.Chakaraborty)	152000.00	
Bawarchi Canteen (Fooding)	197120.00	
Bengia Tolum	4662340.00	
CCMT	309324.00	
CSAB	454771.00	
Fund Received for Project A/C	1768000.00	
GPF	199225.00	
GSLIS	1400.00	
GSLI Scheme	16800.00	
Loan From TEQIP	5197712.00	
NPS	1190430.00	
Quarter Rent	9828.00	
Student Scholarship/Fellowship (TEQIP-III)	1123416.00	
Unnat Bharat Abhiyan	7359.00	
		32940255.80
<b>5. Outstanding Liabilities for FY. 2018-19</b>		
Arunachal Broadband	106500.00	
Dr. M P Dutta	526904.00	
Exclusive Advertising	150343.00	
Honorarium Payable	115000.00	
Hotel Golden Orchid	7404.00	
Hotel S C Continental	35338.00	
HRA Payable	18000.00	
Jorjo Jomoh	5450.00	
Law College-Rent	1800000.00	
Maa Kamakhya Food Service	8120.00	
M D Ghatak	17700.00	
Medical Expenses Payable	359286.41	
M/s ADCR Enterprise	69494.00	
M/s Victory Trading Agency	65919.00	
North Estern Trade Agency	16447.00	
N R Enterprise	68200.00	
Rajiv Sarkar	99500.00	
Rent Payable	8389811.00	
Salary for Security Guard Payable	1476958.00	
Saraswati Printing	103880.00	
Scholarship Payable	103480.00	
S K Patodia & Associates	35400.00	
TA/DA Payable	120082.00	
Vehicle Hlring Expenses Payable	1531488.00	
Wages Payable	1021422.00	
Sundry Creditors		
APSTS (Itanagar Bus Service)	3008880.00	
Arunachal Times Publications (P) Ltd	3178.00	
B.SINGHI DRUGS HOUSE	214436.00	
DC Papumpare Yupia,(Tiger Hall)	1004210.00	
Director Bungalow Rent, Yupia	392400.00	
Doimukh Division (Electricity Bill)	167224.00	
Echo of Arunachal	14661.00	
Exclusive Advertising Private Limited	43058.00	
Girls Hostel (Law Collage)	900000.00	
Indian Railway Catering and Tourism Co.Ltd	447801.00	
J.J.Enterprise (Lagoon Hall)	2016000.00	
Lalit Borah Tours & Travels	2122461.00	
Likha Saktor	758940.00	



M/s Suraksha Security	15467692.82	
M.Taku (Mithun Hall)	1872000.00	
Nabam Enterprises	564000.00	
Neelam Yai	191590.00	
Nirjuli Division (Electricity Bill)	64206.00	
Nirjuli Petrol Depot	1633526.00	
NSDL E-Governance Infrastructure Limited	21162.00	
Ramen Sarma & Co,(Guwahati)	885000.00	
Rubu Stores	550000.00	
Sangcho Enterprise	4436147.00	
SSA-Rent	1218816.00	
Swastik Systems	72326.00	
Tadar Akap (Third Party Wages)	13517505.28	
T.A.Enterprise (Hornbill Hall)	1008000.00	
Tarh Nyajung (Siang Hall)	4200000.00	
Teli Yotu (Dikrong Hall)	1511100.00	
Tollo Kadung Multipurpose Coop Society Ltd	137321.00	
UD Women Hostel (Deputy Director)	2855468.00	
Vijay Bengia (Water Carrying Charge)	400000.00	77951235.51
<b>Current Assets</b>		
RD_from Trainee Teacher SD A/c	88800.00	
Loans & Advances (Asset)		
Advance & Loan	3560692.00	
Motor Car /Scooter Advance	12667.00	3662159.00
<b>Indirect Incomes</b>		
Internal Revenue Generation (IRG)	11184185.00	
Internal Revenue Generation (IRG)		
NIT AP Mess A/c (New) Transfer	1618577.00	
Refund of Caution Money	95000.00	
Refund to Students	59800.00	12957562.00
<b>TOTAL</b>		<b>12,75,11,212.31</b>

Signed in terms of our Chartered Accountants Report of even date  
For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020

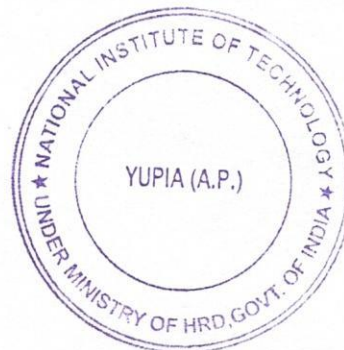


For, **NATIONAL INSTITUTE OF TECHNOLOGY**

  
CHAIRPERSON

  
DIRECTOR

  
DEPUTY REGISTRAR

  
REGISTRAR

  
ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
**Arunachal Pradesh, Yupia-791112**

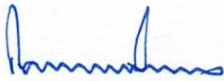
**ANNEXURE - VIII : DEPARTMENT WISE EXPENSES**

**ANNEXURES FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS AT 31ST MARCH, 2020**

Particulars	Amount (Rs)
<b>Department wise Expenditure: (Consumables &amp; Others)</b>	
31.06 Departm Operating Cost (Consumable/Continge	
31.06.06 Basic & Applied Science Operating Cost	4740.00
31.06.07 Bio-Technology	849638.00
31.06.09 Civil Engineering	181339.00
31.06.10 Computer Science & Engineering	62394.00
31.06.11 Electrical Engineering Operating Cost	182049.00
31.06.12 Electronics & Electrical Engineering Opera	72203.00
31.06.13 MANAGEMENT AND HUMANITIES Operating Cost	35180.00
31.06.14 Mechanical Engineering	60224.00
<b>Total</b>	<b>14,47,767.00</b>

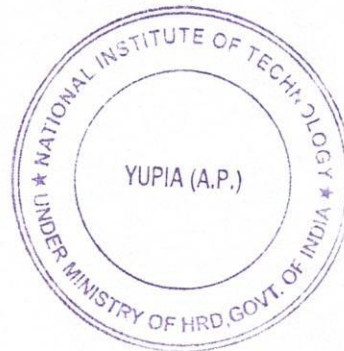
A signed in terms of our Chartered Accountants  
Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020

For, **NATIONAL INSTITUTE OF TECHNOLOGY**

  
DIRECTOR  
DEPUTY REGISTRAR  
REGISTRAR  
ACCOUNTANT

**National Institute of Technology  
Arunachal Pradesh YUPIA- 791112**

**Schedules forming part of the Annual Account for the year ended on 31<sup>st</sup> March, 2020**

**Schedule 23: SIGNIFICANT ACCOUNTING POLICIES**

**1. Accounting Convention:**

The accounts are prepared on the basis of Historical Cost convention Basis and on the accounting principle of Going Concern. Accounting Policies not specifically referred to otherwise, are consistent and in accordance with Indian Generally Accepted Accounting Practices/ Principles comprising of the mandatory Accounting Standards, Guidance Notes and other pronouncements issued by ICAI.

**2. Valuation of the Current Assets and Current Liabilities:**

In the opinion of the management, unless otherwise stated, the current assets, loans and advances are stated in realizable value in the ordinary course of business. The provision for all known liabilities are adequate and not in the excess of the amounts reasonably necessary.

**3. Fixed Assets:**

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

b. Pre-operative expenses are carried forward to be capitalized and shown as Work in Progress.

c. Land at Jote donated by Govt. of Arunachal Pradesh for the NIT campus has been valued at Rs. 135,22,57,072.50 and taken in the statements of annual account of the year 2019-20. As land was allotted by the state Govt. and no expenditure was incurred for its acquisition by NIT, Capital A/c has been increased with the increase in value of Fixed Asset for this land.

**4. Depreciation:**

a. Depreciation is provided on Straight Line Method (SLM) for the year 2019-20. However, up to the financial year 2018-19 depreciation was provided on Written down Value Method (WDVM). Thus a change in Accounting Policy has been taken place in current year.

As per suggestion of CAG audit Tem and as prescribed by 'Uniform Method of Accounts', the Straight Line Method has been adopted to provide for depreciation in place of Written down Value Method.

As per decision of the Finance Committee in its 22<sup>nd</sup> Meeting, the effect of the change in depreciation has been given since 1<sup>st</sup> April, 2015 (FY 2015-16) to 31<sup>st</sup> March, 2019 (a four years period) during current year in the Statements of Account by way of adjustment in the Income & Expenditure Account. For the adoption of SLM since 1<sup>st</sup> April, 2015, an additional depreciation of Rs. 5,92,33,638.96 related to the four years (1<sup>st</sup> April, 2015 to 31<sup>st</sup> March, 2019) period is charged in the Income & Expenditure Account of the current year as per the computation enclosed at Schedule 4.

b. In respect of additions to/deductions from fixed assets during the year, depreciation is considered for the whole year.

**5. Government Grants/Subsidies:**

Government Grants/Subsidy is accounted on accrual basis. Grants of capital nature are disclosed as liabilities in the Balance Sheet.

**6. Employees Benefit:**

a. Gratuity is a post employment benefit and is in the nature of a defined benefit plan. Liability towards gratuity payable on death/retirement of employees is based on an actuarial



valuation. Actuarial gains and losses arising from past experience and changes in actuarial assumptions are charged or credited to the Income & Expenditure Account in the year in which such gains or losses are ascertained.

b. An employer contribution to employees provident fund is accounted for on due basis and the same is charged to Income and Expenditure Account.

7. Unidentified Receipts:

Unidentified receipts are parked under the head 'Misc. Receipts' and treated as income of the year. Any of such receipts, on being identified in a subsequent period as not an income, the same will be properly adjusted in the Statements of Account of that year.

8. Caution Money Deposits (from Students):

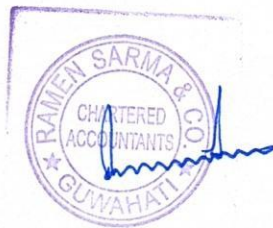
Caution Money Deposit is treated as income of the year of receipt and booked under Student's Registration Fees. However, up to the financial year 2018-19, it was treated as liability, thus a change in Accounting Policy has taken place in current year.

The balance of caution money deposit of Rs. 9,60,000 as at 31/03/2019 has been therefore transferred from liability and treated as income of current year.

9. Provisions:

Provisions are recognized for present obligation arising as a result of a past event where it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation; and a reliable estimate can be made of the amount of obligation.

For, National Institute of Technology,  
Arunachal Pradesh



**National Institute of Technology  
Arunachal Pradesh YUPIA-791112**

**Schedules forming part of the Annual Account for the year ended on 31<sup>st</sup> March, 2020**

**Schedule 24: CONTINGENT LIABILITIES & NOTES ON ACCOUNT**

**1. Contingent Liabilities:**

Contingent liabilities are disclosed when there is a possible obligation of its existence, which will only be confirmed by the occurrence or non-occurrence of one or more uncertain events, unless the probability is remote.

NIT, Arunachal Pradesh has no such claim against any suit.

**2. Notes on Account:**

a. Books of Accounts for the year were maintained through the use of Tally Package, ERP 9.0

b. Grants-in-aid are accounted for on accrual basis. All other income and expenditure, unless otherwise mentioned, is accounted on an accrual basis.

c. Corresponding figure for the previous year have been regrouped/rearranged whenever necessary.

d. Land at Jote, allotted by Govt. of Arunachal Pradesh is valued at Rs. 135,22,57,072.50 and taken in the Annual Statements of Account of the year.

**e. Accumulated Depreciation up to 31/03/2019 due to change in depreciation method:**

Due to change in the method of charging depreciation during the year from Written down Value Method to Straight Line Method w.e.f. 1<sup>st</sup> April, 2015, depreciation of Rs. 5,92,33,638.96 (as per Schedule-4, Fixed Assets Depreciation) has been worked out for a four years period (2015-16 to 2018-19) and charged in the Income & Expenditure Account of the year 2019-20.

**f. Unidentified Receipts:**

Unidentified receipts are parked under the head 'Misc. Receipts' and treated as income of the year. Any of such receipts, on being identified in a subsequent period as not an income, the same will be properly adjusted in the Statements of Account of that year.

**g. Caution Money Deposits (from Students):**

Caution Money Deposit is treated as income of the year of receipt and booked under Student's Registration Fees. However, up to the financial year 2018-19, it was treated as liability, thus a change in Accounting Policy has taken place in current year.

The balance of caution money deposit of Rs. 9,60,000 as at 31/03/2019 has been therefore transferred from liability and treated as income of current year.

For, National Institute of Technology,  
Arunachal Pradesh

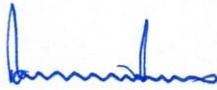


**NATIONAL INSTITUTE OF TECHNOLOGY**  
Arunachal Pradesh, Yupia - 791112  
**Bank Recociliation Statement as on 31/03/2020**  
**SBI Nirjuli Br. A/C No 32043127339**

	<b>Amount (Rs.)</b>
<b>Balance as per Cash Book as on 31-03-2020:</b>	35,84,97,873.39
<b>Add:</b> Cheque issued but not yet presented for payment: (as per BRS Annexure-I)	1,10,85,673.00
<b>Add:</b> Amount credited by Bank but not recorded in Cash Book : (as per BRS Annexure-II)	5,49,744.00
<b>Less:</b> Unreconciled figure as per Last year A/c (Figure in Decimal )	
<b>Particulars</b>	<b>Amount</b>
Closing Balance as per R/P A/c	15,05,73,444.84
Closing Balance as per Bank Statement	15,05,73,444.78
	0.06
<b>Add:</b> Unreconciled figure as per Last year A/c	
<b>Particulars</b>	<b>Amount</b>
Balance as per Bank Statement upto 31-03-2018	16,26,30,485.84
Balance as per BRS upto 31-03-2018	16,26,30,447.84
	38.00
<b>Less:</b> Received amount not credited by bank till 31-03-19 : (Imprest Advance Recovered from U.K. Saha on 31-03-19)	5,465.00
<b>Balance as per Bank Pass Book as on 31-03-2020:</b>	<b>37,01,27,863.33</b>

A signed in terms of our Chartered Accountants  
Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**



CHAIRPERSON

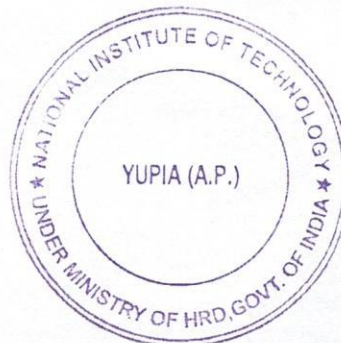


DIRECTOR



DEPUTY REGISTRAR

REGISTRAR




ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**

Arunachal Pradesh, Yupia - 791112

**SBI Nirjuli Br. A/C No 32043127339****BRS Annexure-I**

**Add:** Cheque issued but not yet presented for payment:  
(For the year 2017-18)

SI No.	Cheque Date	Cheque No.	Amount
1	7.3.18	194663	7,32,953.00
2	10.3.18	194670	4,19,650.00
3	31.3.18	194754	64,784.00
4	31.3.18	194766	17,600.00
5	31.3.18	194774	216.00
6	31.3.18	194775	22,400.00
7	31.3.18	194776	22,400.00
8	31.3.18	194777	22,848.00
9	31.3.18	194778	5,712.00
10	31.3.18	194779	22,668.00
11	31.3.18	194780	6,246.00
12	31.3.18	194796	220.00
13	25.1.18	194570	196.00
14	29.1.18	194590	51,718.00
15	17.1.18	194546	1,000.00
16	16.11.17	999071	30,990.00
17	16.11.17	999070	33,728.00
18	16.11.17	999069	264.00
19	16.11.17	999048	25,600.00
20	12.11.17	999032	12,843.00
21	12.11.17	999029	93,000.00
22	12.11.17	999030	50,000.00
23	29.10.17	998994	61,200.00
24	29.10.17	974620	1,30,000.00
25	29.10.17	999015	18,92,188.00
26	16.09.17	998673	1,34,000.00
27	12.08.17	81916	20,017.00
28	12.08.17	81877	1,75,527.00
29	14.07.17	998963	60,032.00
30	N/A	998754	44,994.00
31	20.04.17	998718	2,07,556.00
32	10.04.17	998693	2,700.00

43,65,250.00

**(For Previous year)**

SI No.	Cheque Date	Cheque No.	Amount
1	16.7.16	974844	6,861.00
2	31.5.16	974718	35,220.00
3	31.5.16	974719	3,22,322.00
4	25.9.16	789243	4,462.00
5	5.12.15	820943	2,132.00
6	15.12.15	820963	4,000.00
7	4.12.15	820926	7,400.00
8	3.01.16	820947	20,015.00



9	12.01.16	821004	22,808.00	
10	22.1.16	821092	4,000.00	
11	27.01.16	821111	63,939.00	
12	23.11.15	820868	2,688.00	
13	10.10.15	820664	27,000.00	
14	11.10.15	820672	9,019.00	
15	8.11.15	820737	1,76,000.00	
16	20.11.15	820725	30,000.00	
17	8.2.16	821174	360.00	
18	8.2.16	821175	360.00	
19	19.4.14	529353	2,00,000.00	
20	14.3.15	680467	30,000.00	
21	8.6.14	575767	40,000.00	
22	29.8.14	576149	24,518.00	
23	22.10.13	505810	2,460.00	
24	20.11.15	820827	4,000.00	10,39,564.00

**(For the year 2018-19)**

SI No.	Cheque Date	Cheque No.	Amount	
1	31.08.18	300024	489.00	
2	02.08.18	300154	7,099.00	
3	02.08.18	300164	4,000.00	
4	19.11.18	369835	2,566.00	
5	28.12.18	369598	1,833.00	
6	03.01.19	369606	1,53,500.00	
7	04.01.19	369609	24,000.00	
8	07.01.19	369621	19,425.00	
9	16.01.19	369341	3,48,000.00	
10	05.02.19	411156	30,400.00	5,91,312.00

**(For the year 2019-20)**

SI No.	Cheque Date	Cheque No.	Amount
1	16-05-2019	N/A	1,00,421.00
2	30-05-2019	411504	18,000.00
3	30-05-2019	NEFT	33,000.00
4	04-07-2019	N/A	1,00,421.00
5	26-07-2019	NEFT	5,000.00
6	18-08-2019	411548	75,072.00
7	18-08-2019	411549	24,000.00
8	18-08-2019	411550	24,800.00
9	18-08-2019	411551	24,800.00
10	18-08-2019	411552	224.00
11	18-08-2019	411553	18,328.00
12	27-06-2019	N/A	819.00
13	27-06-2019	N/A	17,181.00
14	25-07-2019	N/A	819.00
15	26-07-2019	N/A	17,181.00
16	24-09-2019	411581	24,624.00
17	24-09-2019	411582	1,576.00
18	24-09-2019	411583	6,304.00
19	31-03-2020	NEFT	8,81,938.00
20	31-03-2020	411431	21,80,940.00



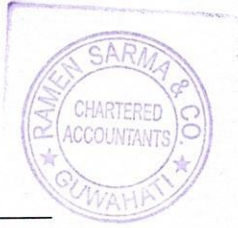
21	31-03-2020	NEFT	1,400.00		
22	31-03-2020	411438	18,000.00		
23	31-03-2020	NEFT	15,325.00		
24	31-03-2020	NEFT	1,000.00		
25	31-03-2020	411423	14,98,374.00	<u>50,89,547.00</u>	<b>1,10,85,673.00</b>

A signed in terms of our Chartered Accountants  
Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**



CHAIRPERSON



DIRECTOR



DEPUTY REGISTRAR



REGISTRAR




ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**

Arunachal Pradesh, Yupia - 791112

**SBI Nirjuli Br. A/C No 32043127339**

**BRS Annexure-II**

**Add:** Amount credited by Bank but not recorded in Cash  
Book till 31-03-20:

SI No.	Pass Book Date	Cheque No.	Amount	
1	4.5.16	N/A	68,921.00	
2	24.5.16	N/A	79,565.00	
3	4.6.16	N/A	17,874.00	
4	21.07.16	N/A	16,300.00	
5	21.07.16	N/A	39,900.00	
6	21.07.16	N/A	39,900.00	
7	22.07.16	N/A	35,450.00	
8	16.08.16	N/A	53,394.00	
9	25.08.16	N/A	28,950.00	
10	22.08.16	N/A	4,010.00	
11	15.09.16	N/A	20,080.00	
12	23.09.16	N/A	35,240.00	
13	20.10.16	N/A	23,616.00	
14	24.10.16	N/A	26,875.00	
15	31.10.16	N/A	17,819.00	
16	19.07.16	N/A	36,800.00	
17	10.12.16	N/A	4,900.00	
18	06.05.16	N/A	150.00	<b>5,49,744.00</b>

A signed in terms of our Chartered Accountants

Report of even date

For, **Ramen Sarma & Co.**  
Chartered Accountants



(CA. Ramen Ch. Dev Sarma)

Partner

M.No 059607

Place : Guwahati

Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**



CHAIRPERSON



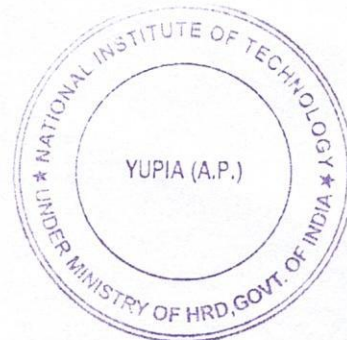
DIRECTOR



DEPUTY REGISTRAR



REGISTRAR



ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
Arunachal Pradesh, Yupia - 791112  
**Bank Reconciliation Statement as on 31/03/2020**  
**SBI Naharlagun Br. A/C No 38208188746**

	<b>Amount (Rs.)</b>
<b>Balance as per Cash Book as on 31-03-2020:</b>	3,06,64,449.19
<b>Balance as per Bank Pass Book as on 31-03-2020:</b>	<b>3,06,64,449.19</b>

A signed in terms of our Chartered Accountants  
Report of even date

For,

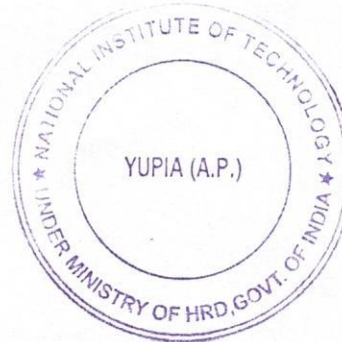
**Ramen Sarma & Co.**  
Chartered Accountants



Ramen Ch. Dev Sarma  
Partner  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**

  
CHAIRPERSON  
DIRECTOR  
DEPUTY REGISTRAR  
REGISTRAR  
ACCOUNTANT

**NATIONAL INSTITUTE OF TECHNOLOGY**  
Arunachal Pradesh, Yupia - 791112  
**Bank Reconciliation Statement as on 31/03/2020**  
**AXIS BANK OF INDIA Doimukh Br. A/C No 919010005770836**

Amount (Rs.)

Balance as per Cash Book as on 31-03-2020:

14,35,853.83

Add: Cheque issued but not yet presented for payment:

SI No.	Cheque Date	Cheque No.	Amount
1	11-03-2020	BMR No. 2055	14,400.00
2	11-03-2020	BMR No. 2057	14,400.00
3	11-03-2020	BMR No. 2060	14,400.00

43,200.00

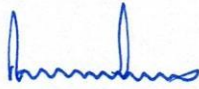
Balance as per Bank Pass Book as on 31-03-2020:

14,79,053.83

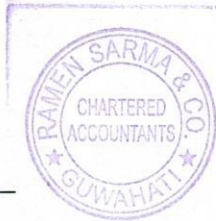
A signed in terms of our Chartered Accountants  
Report of even date

For,

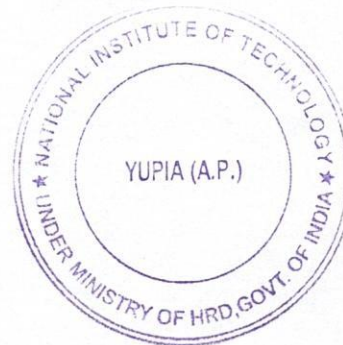
**Ramen Sarma & Co.**  
Chartered Accountants



Ramen Ch. Dev Sarma  
Proprietor  
M.No 059607  
Place : Guwahati  
Date : 30-11-2020



For, **NATIONAL INSTITUTE OF TECHNOLOGY**

  
CHAIRPERSON  
DIRECTOR  
DEPUTY REGISTRAR  
REGISTRAR  
ACCOUNTANT

**C. A. Bodh, IA&AS**  
Principal Accountant General



भारतीय लेखापरीक्षा और लेखा विभाग  
प्रधान महालेखाकार का कार्यालय, अरुणाचल प्रदेश  
मौब-II, इटानगर-७९१ १११

INDIAN AUDIT AND ACCOUNTS DEPARTMENT  
OFFICE OF THE PRINCIPAL ACCOUNTANT GENERAL, ARUNACHAL PRADESH  
MOWB-II, ITANAGAR-791 111

**CONFIDENTIAL**

D.O. No: **PAG(AP)/CAW/SAR/NIT/3-08/2020-21/263**

Dated: **30<sup>th</sup> March, 2021**

Dear *Prof Mahanta,*

The Separate Audit Report on the accounts of the National Institute of Technology, Yupia, Arunachal Pradesh for the year 2019-20 is enclosed. You are requested to make necessary arrangements for translation of the same into Hindi and for printing the requisite number of copies, along with the Annual Accounts. Submission of the Report to the Ministry of Human Resources Development, Government of India, may also be ensured.

Further, while printing the Separate Audit Report in Hindi, the following disclaimer should be inserted positively:

“प्रस्तुत प्रतिवेदन मूल रूप से अंग्रेजी में लिखित पृथक लेखापरीक्षा प्रतिवेदन का हिन्दी अनुवाद है। यदि इसमें कोई विसंगति परिलक्षित होती है तो अंग्रेजी में लिखित प्रतिवेदन मान्य होगा”

Kindly ensure that the previous year's Report is placed in Parliament before placement of the current Report. The date of placement of the said Report before the Parliament may be intimated to this office. A copy of the Audit Report may also be sent to this office.

The Separate Audit Report may be treated as confidential till it is placed before the Parliament.

*Encl: As stated.*

*Regards*

Yours sincerely,

*CA Bodh*

**Prof. Pinakeswar Mahanta**  
Director  
National Institute of Technology  
Yupia, Arunachal Pradesh



**SEPARATE AUDIT REPORT  
OF THE  
COMPTROLLER AND AUDITOR  
GENERAL OF INDIA**

**ON THE ACCOUNTS OF THE  
NATIONAL INSTITUTE OF TECHNOLOGY  
(NIT)  
ARUNACHAL PRADESH**



**FOR THE YEAR ENDED  
31 MARCH 2020**

**Separate Audit Report of the Comptroller & Auditor General of India  
on Accounts of National Institute of Technology (NIT), Arunachal  
Pradesh for the year ended 31<sup>st</sup> March 2020**

We have audited the Balance Sheet of National Institute of Technology (NIT), Arunachal Pradesh, for the year ended 31<sup>st</sup> March 2020 and the Income & Expenditure Account and Receipt & Payment Account for the year ended on that date under Section 19 (2) of the Comptroller & Auditor General's (Duties, Powers and Conditions of Service) Act, 1971, read with section 22 (2) of NIT Act, 2007. These financial statements are the responsibility of NIT's management and 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 (C&AG) 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 with regard to compliance with the Law, Rules & 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 our audit to obtain reasonable assurance about whether the financial statements are free from material mis-statements. An audit includes examining, on a test-check basis, evidences 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 the 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 & Expenditure Account/ Receipt & Payment Account dealt with by this report have been drawn up in the format approved by Ministry of Human Resources Development, Government of India.
- iii. In our opinion, proper books of accounts and relevant records have been maintained by the NIT as required under Rule 25 of MOA of NIT so far as it appears from our examination of such books.
- iv. We further report that:

**A. Balance Sheet**

**1. Sources of Funds**

**Current Liabilities and Provisions (Schedule-3)**

**Outstanding expenses (Schedule- 3(B)) – ₹ 82.10 lakh**

The above does not include ₹ 16.08 lakh towards wages outstanding for the month of March 2020. The Institute received bill from labour contractor pertaining to wages for the month of March 2020 and it was wrongly accounted as expenses for the month of April 2020. Thus, wrong accountal of the above expenses has resulted in understatement of provisions for *Outstanding Liabilities* by ₹ 16.08 lakh and understatement of *Deficit* by the same amount.

**2. Application of Funds**

**Fixed Assets (Schedule-4)**

**i) Tangible assets – ₹ 160.77 crore**

The above does not include *Tangible Fixed Assets* valuing ₹ 85.08 lakh. The Institute procured assets such as scientific and laboratory equipment, furniture and fixtures, and computer peripherals, etc. during the period 2019-20 from Internal Revenue Generation sources. The above assets

however were not capitalized and accounted in the fixed assets of the Institute, as a result, the *Net block Fixed Assets* as well as Corpus/Capital Fund was understated by ₹ 85.08 lakh and understatement of depreciation by ₹ 7 lakh.

**ii) Intangible assets – ₹ 0.33 lakh**

The above does not include *Intangible Fixed Assets* valuing ₹ 3.78 lakh. The Institute procured software during the period 2019-20 from Internal Revenue Generation sources, however, this was not capitalized and accounted in the fixed assets of the Institute. Thus, the *Net Block Fixed Assets* as well as Corpus/Capital Fund was understated by ₹ 3.78 lakh and understatement of depreciation by ₹ 1.51 lakh.

**B. Accounting Policies**

1. The Institute did not make any actuarial valuation on employee's benefits and no provisions were made.

2. As per significant accounting policies (Sl. No. 8), caution money deposits of students were treated as income of the year.

The Institute collects caution money deposits alongwith registration/application fees which are to be refunded to the students. Therefore, treatment of caution money deposits as income of the year instead of liabilities would result in overstatement of income. The Institute should ascertain the students caution money deposits and make accounting treatment accordingly.

**C. General**

1. The Institute held eight (8) Bank Accounts out of which two accounts had been closed/inoperative as given below:

Sl. No.	Name of the Bank	Account Number	Nature of Accounts	Operative/Dormant	Date of closure
1	State Bank of India, Nirjuli	32043126506	Current Account	Non-Operative	NA
2	ICICI Bank, Naharlagun	259305000041	Savings Account	Closed	07.08.2019

The above closed/inoperative Bank Accounts were not disclosed suitably in the *Note to Accounts*.

2. The Institute maintained its accounting system in Tally 9.0, and the actual payment voucher and Tally account voucher numbers.

#### **D. Grant-in-Aid**

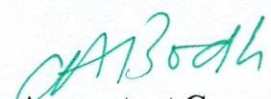
Out of the total available balance of ₹ 111.01 which includes opening balance of ₹ 17.69 crore and grant-in-aid of ₹ 93.32 crore received during the year, the Institute could utilize a sum of ₹ 24.76 crore leaving a balance of ₹ 86.25 crore as unutilized grants as on 31<sup>st</sup> March 2020.

- v. Subject to our observation in the preceding paragraphs, we report the Balance Sheet and Income & Expenditure Account, Receipt & Payment Account dealt with by 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 explanation given to us, the said financial statements subject to the significant matters stated above and other matters mentioned in the Annexure to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India.
- vii. In so far as it relates to the Balance Sheet, of the state of affairs of the NIT as on 31 March 2020; and
- viii. In so far as it relates to Income and Expenditure Account of the deficit for the year ended on that date.

Place: **Itanagar**

Dated: **30 March 2021**

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

  
**Pr. Accountant General  
Arunachal Pradesh**

## Annexure

### **1. Adequacy of Internal Audit**

The Institute has Finance/Accounts department that verifies and check bills before it is approved and passed for payment. However, the Institute does not have any internal Audit Manual and Internal Audit was not conducted during 2019-20.

### **2. Internal Control Mechanism**

The internal control mechanism was found to be inadequate due to lack of periodical inspections of the Branches/Departments, absence of proper check of actual payment vouchers with Tally system and non-preparation of Bank Reconciliation Statement during compilation and preparation of accounts.

### **3. Physical Verification of Fixed Assets and Inventories**

Physical verification of *Fixed Assets* and *Inventory* was conducted during the period 2019-20.

### **4. Provision for payment of retirement benefits**

No provisions had been provided on *Employee's Benefits* till date.

### **5. Payment of Statutory Dues**

The Institute was regular in payment of statutory dues.

Place: **Itanagar**

Dated: **30 March 2021**

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

  
**Pr. Accountant General**

**Annexure**

Sl. No.	Categories of Assets	Vch No.	Date	Amount (₹)	Rate of Dep	Depreciation
1	Furniture & Fixtures	421	16-08-2019	1,48,340	7.50	11,126
		424	16-08-2019	2,00,040	7.50	15,003
		432	19-08-2019	1,41,050	7.50	10,579
		660	18-10-2019	1,36,690	7.50	10,252
		576	19-09-2019	2,62,010	7.50	19,651
		496	02-09-2019	1,60,960	7.50	12,072
		967	30-01-2020	56,200	7.50	4,215
2	Computer & Peripherals	454	27-08-2019	1,05,500	20	21,100
		509	04-09-2019	2,42,725	20	48,545
		580	20-09-2019	85,350	20	17,070
3	Laboratory & Scientific Equipment	809	05-12-2019	39,460	8	3,157
		810	05-12-2019	1,74,406	8	13,952
		831	05-12-2019	63,11,773	8	5,04,942
4	Buildings	973	30-01-2020	1,16,464	2	2,329
		974	30-01-2020	1,26,745	2	2,535
		975	30-01-2020	2,00,764	2	4,015
<b>A. Sub-Total</b>				<b>85,08,477</b>		<b>7,00,542</b>
5	Software	1128	30-01-2020	<b>3,78,000</b>	40	1,51,200
<b>Total (A+5)</b>				<b>1,73,94,954</b>		<b>8,51,742</b>