

ANNUAL REPORT



**NATIONAL INSTITUTE OF TECHNOLOGY-ARUNACHAL
PRADESH**
*(Established by the Ministry of Education, Government of
India)*
(JOTE, ARUNACHAL PRADESH - 791113)

वार्षिक प्रतिवेदन 2021-22

लोकसभा/राज्यसभा पटल पर रक्खे जाने वाले कागजात
PAPERS TO BE LAIND ON THE TABLE OF LOK SABHA/RAJYA SABHA

वार्षिक प्रतिवेदन एवं वार्षिक लेखा 2021-22
Annual Report and Annual Accounts 2021-22



अधिप्रमाणित
AUTHENTICATED

शिक्षा मंत्रालय में राज्य मंत्री
Minister of State in the Ministry of Education
भारत सरकार, नयी दिल्ली
Govt. of India, New Delhi

राष्ट्रीय प्रौद्योगिकी संस्थान अरुणाचल प्रदेश

जोटे, अरुणाचल प्रदेश - 791 113

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1. From the Desk of the Director:

It gives me immense pleasure to present the Annual Report for the year 2021-22 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. The quality and potentiality of an educational institute depends on a few things like quality of students, potentiality of teachers, and availability of infrastructure and practice of innovation. The potentiality of faculty members is immensely high as indexed by their high quality publications and research works. The faculty members have acquired qualifications from leading National and International Universities and Institutes. We have developed a good number of modern state of art laboratories under all departments. I would like to share a good news that we are ready to start next academic session in our permanent campus, Jote. Jote is surrounded by beautiful green forest and mountains. The area is picturesque and surrounding makes it ideal for a noble academic environment. I welcome you all to visit our campus once this pandemic gets over. Technodaya, our faculty members and officers has contributed exemplary progresses of advancements in many academic, research and outreach activities standing out as landmarks in our mission of pursuit of overall excellence in technical education. It's an immense pleasure to share a good news with you that we secured **160th Rank in NIRF 2021 and ARIIA 2021 Ranking** I appreciate all the faculty members, staff, officers and students for their hard work and dedication. The Institute has already marked by holding several events including lectures by eminent professors, workshops and conferences in 2021-22 sponsored under various scheme like NECTAR sponsored EDPs, AICTE sponsored STIP-FDPs, Impact Lecture Series of the Institution's Innovation Council (IIC), and Popular Lecture Series on NEP etc.

The total six number of issues of Institute News letter (bi-monthly) of Arunchal Pradesh "TECHNODAYA" has been started has been published during this periods. Few MOUs like: MoU with Electronics Sector Skills Council of India (ESSCI), New Delhi, MoU with Govt. Secondary School Jote, signed Memorandum of Understanding under Unnat Bharat Abhiyan (UBA), North East Centre for Technology Application and Reach (NECTAR), Research for Resurgence Foundation (RFRF) and Abhyaz MTAB Technology has been signed during this academic year. TEQIP Cell of NIT Arunachal Pradesh contributed significantly for development of our Library and laboratories. The various external funding agencies like: DST-SERB, CSIR, DBT, ICMR, NMHS, MOEF, MEITY, NECTAR funded many research projects of our Institute. Many outreach activities has been taken under Unnat Bharat Abhiyan (UBA) and EBSB Club. As an outreach activity, our faculty member has taken Science Classes for students of Govt. Secondary School Jote. Many research articles and book chapter has been published by our faculty members, students in reputed international journals.

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 2021-22.

With best wishes

Prof. Pinakeswar Mahanta
Director, NIT Arunachal Pradesh

2. About NIT Arunachal Pradesh

National Institute of Technology Arunachal Pradesh has established itself as one of the most Premier Institutes of India. It has a diverse alumni network working in various fields with great achievements. Established in 2010 under the NIT Act by MHRD presently known as Ministry of Education (Shiksha Mantralaya), Govt Of India, NIT Arunachal Pradesh is an Institute Of National Importance where students are equipped with innovative skills and leadership qualities which ultimately help them to steer the world in the direction of growth and sheer development.

- NIT Arunachal Pradesh has secured 160th rank in NIRF-2021.
- It has been placed in Band A (rank between 11 - 25) in ARIIA Rankings 2020 among the category of Institute of National Importance, Central Universities & CFTIs.
- Two Star Ranking for the session 2019-20 by the Ministry of Education Innovation Cell.
- NIT Arunachal Pradesh is a recognised Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES-REC) Institution by Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education, Govt. of India

Vision:

To transfer into an acclaimed institution of higher learning with creation an impact on the north eastern region in terms of innovation and entrepreneurship.

Mission:

- To generate new knowledge through state of the art academic program and research in multidisciplinary field.
- To identify regional, Indian and global need to serve the society better.
- To create an ambience to flourish new ideas, research and academic excellence to produce new leaders and innovators.
- To collaborate with other academic, research institutes and industries for holistic growth of the students.
- Utilization of available big resources to encourage entrepreneurship through formation of start-ups

How to Reach NIT Arunachal Pradesh

Rail Link: The nearest railway station is Naharlagun. This railway station is well connected to Guwahati railway station (daily), New Delhi (Bi-weekly). The Taxi for NIT AP (Jote campus) and share Auto service are also available at Naharlagun City or Naharlagun Railway Station.

Air Link: The nearest Airport is Lilabari (North Lakhimpur) in Assam. The other major nearest airport is Guwahati (approximate 370 KM) which is well connecting to another city in India. The flight services for Lilabari Airport to Kolkata are available on daily. The helicopter service from Guwahati to Naharlagun is available.

III. INSTITUTE'S AUTHORITIES

A – Board of Governors

Name	Position	Designation/Affiliation	E-mail
Prof. Pinakeswar Mahanta	Chairperson and Ex-officio Member	Director, NIT Arunachal Pradesh	director@nitap.ac.in
Ms. Saumya Gupta	Member	Joint Secretary (NITs) (HE), Ministry of Education (Shiksha Mantralaya), Govt. of India, New Delhi	saumya.gupta@ias.nic.in
Mrs. Darshana M. Dabral	Member	Financial Adviser, Ministry of Education (Shiksha Mantralaya), Govt. of India, New Delhi	internalfinance1@gmail.com/ dm.dabral@nic.in
Dr. Tayek Talom (From 19/11/2018 to 12/11/2021) Shri Alik Jonkey 25/02/2022 to till date	Member	Director, Higher & Technical education, Govt. of Arunachal Pradesh, Phnoe:0360-2214416	dhearunachal@rediffmail.com/ /director.hte.ita@gmail.com alikhongkey@gmail.com
Dr. Atop Lego (From 19/11/2018 to 12/11/2021) Er. Likar Angu 25/02/2022 to till date	Member	Chief Engineer (SID&P), Arunachal Pradesh Public Works Department, Govt. of Arunachal Pradesh Chief Engineer (P&D), Water Resources Department, Govt. of Arunachal Pradesh	cesidp- d-arn@nic.in cewrplan@gmail.com
Prof. S. Basu (From 19/03/2021 to 01/03/2021) Prof. T. G. Sitharam 02/03/2021 to till date	Member	Professor, IIT Guwahati Director, IIT Guwahati	saurabh@iitg.ernet.in/ director@iitg.ac.in
Dr. Mainak Mallik	Member	Engineering & Dean (Planning & Development), NIT Arunachal Pradesh	mainak@nitap.ac.in
Dr. Ram Prakash Sharma	Member	Mechanical Engineering & Dean (Student	rpsharma@nitap.ac.in
Dr. Uday Kumar Khanikar	Registrar & Secretary (Ex-officio)	Registrar, NIT Arunachal Pradesh	registrar@nitap.ac.in

B – SENATE

Name	Position	E-mail
The Director	Ex-Officio Chairman	Prof. Pinakeswar Mahanta, Director, NIT-Arunachal Pradesh E-mail: director@nitap.ac.in
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: registrar@nitap.ac.in (ii) Dr. Mainak Mallik, Associate Professor, Civil Engineering, E-mail: mainaknitap@gmail.com
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 #ccc; padding: 5px; margin-bottom: 5px;">Prof. Ayon Bhattacharjee, Professor, Dept. of Physics, NIT, Meghalaya, E-mail: ayonbh@nitm.ac.in</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">Prof. V. S. Mohalkar, Professor, Dept. of Chemical, IIT Guwahati. E-mail: vmoholkar@iitg.ac.in</div> <div style="border: 1px solid #ccc; padding: 5px;">Prof. Jumyir Basar, Professor, AITS, RGU Arunachal Pradesh, E-mail: jumyir@gmail.com</div>
Such other members of the staff as may be laid down in the Statues.	Invitee	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">Dr. Rajen. Pudur, Dean I/C (Exam & Academic), NIT, E-mail: rajenpudur@nitap.ac.in</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">Dr. K. R. Singh, Asso. Dean I/C (Exam & Academic), NIT, E-mail: karamratan@nitap.ac.in</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">Dr. S. K. Metya, HoD(ECE), NIT-A.P. E-mail: yakabulo@nitap.ac.in</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">Dr. Jumrik Taipodia, HoD(CE), NIT-A.P. E-mail: jumrik@nitap.ac.in</div> <div style="border: 1px solid #ccc; padding: 5px;">Dr. Anup Paul, HoD(ME), NIT-A.P. E-mail: anup@nitap.ac.in</div>

		<p>Dr. A. Banerjee, HoD(EE), NIT-A.P. E-mail: abhik@nitap.ac.in</p>
		<p>Dr. K. Sambyo, HoD(CSE), NIT-A.P. E-mail: kojsambyo@nitap.ac.in</p>
		<p>Dr. K. Mondal, HoD(CHE), NIT-A.P. E-mail: kartick@nitap.ac.in</p>
		<p>Prof. Vijayakumar Kathirvel HoD(MH), NIT-A.P. E-mail: vijayakumar@nitap.ac.in</p>
		<p>Dr. S. Maity, HoD(BAS & BT), NIT-A.P. E-mail: susanta@nitap.ac.in</p>
		<p>Dr. Pratap Kumar Swain, HoD, BAS, NIT Arunachal Pradesh E-mail: hodbas@nitap.ac.in</p>

C – 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
Ms. Saumya Gupta	Member	Joint Secretary (NITs) (HE), Ministry of Education (Shiksha Mantralaya), Govt. of India, New Delhi	saumya.gupta@ias.nic.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 (From 19/11/2018 to 12/11/2021)	Member	Chief Engineer (SID&P), Works Department, Govt. of	cesidp- d-arn@nic.in
Er. Likar Angu (25/02/2022 to till date)		Chief Engineer (P&D), Water Resources Department, Govt. of	cewrdplan@gmail.com

Dr. Mainak Mallik	Member	Department of Civil Engineering & Dean (Planning & Development), NIT	mainak@nitap.ac.in
Dr. Uday Kumar Khanikar	Registrar & Member Secretary (Ex-officio)	Registrar, NIT Arunachal Pradesh	registrar@nitap.ac.in

D. Building & Workers Committee

Name	Position	Designation/Affiliation	E-mail Id
Prof. Pinakeswar Mahanta	Chairperson and Ex-officio Member	Director, NIT-Arunachal Pradesh	director@nitap.ac.in
	Member	Director or Deputy Secretary or his nominee dealing with the National Institute of Technology in the Ministry- Ex-officio member of the Central Government	
Prof. Damodar Maity	Member	Director or Deputy Secretary or his nominee dealing with Finance of the National Institute of Technology in the Ministry as Ex-Officio Member of the Central Government	
Er. S. P. Singh	Member	Professor, Civil Engineering, IIT Kharagpur	dmaity@civil.iitkgp.ernet.in
		(Retd. ADG, CPWD), Arbitrator, PDW, Govt. of Delhi- Expert from Civil Engineering	spsingh_cpwd07@yahoo.co.in
Mr. Jayanta Barkakati	Member	(Retd. CMD), Tripura State Electricity Corporation Limited, Agartala	jayanta.barkakati.ghy@gmail.com
Dr. Mainak Mallik	Member Registrar &	Dean (Planning & Development), NIT Arunachal Pradesh	mainak@nitap.ac.in
Dr. Uday Kumar Khanikar	Member Secretary (Ex-officio)	Registrar, NIT Arunachal Pradesh	registrar@nitap.ac.in

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	:	14/04/2021, 24/06/2021; 18/08/2021
Finance Committee	:	14/04/2021, 24/06/2021; 18/08/2021
Senate	:	22/04/2021, 18/06/2021, 24/09/2021, 12/11/2021, 28/01/2022, 24/02/2022
BWC meeting	:	-

ADMINISTRATION:

Director	Prof. Pinakeswar Mahanta
Registrar	Dr. Uday Kumar Khanikar
Dean (R & C)	Dr. Abhik Banerjee
Dean (E & A)	Dr. Anup Paul
Dean (FW)	Dr. Susanta Maity
Dean (SW)	Dr. Swarnendu Kumar Chakraborty
Dean (P & D)	Dr. Mainak Mallik
Faculty-in-Charge (Finance& Accounts)	Dr. Prases Kumar Mohanty

Other Standing Committee members:

Construction Committte	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)
Central Purchase Committee	Dr. Yang Saring (Chairman) All Deans & HoDs (Members)
Hostel Management Committee	Dr. Rajen Pudur (Chairperson & Chief Warden) All Wardens (members)
Anti Ragging Committee	Director (Chairman) All Deans, All HoDs, Registrar, All Wardens, Officer in Charge of Doimukh Police station and two student representatives (Members)
Unntat Bharat Abhiyan Cell	Dr. Dipak Sen, Asst. Professor, Mechanical Engineering (Coordinators)
Right to Information Cell	Dr. Annat Kumar Atta, Asst. Professor, Chemistry (CPIO)
Women Cell	Dr. Pallabi Kalita Hui, Asst. Professor, Biotech (Chairman)
SC/ST/ OBC Cell	1. Dr. Koj Sambyo Asst. Professor, CSE (Liaison officer, ST) 2. Dr. Shakti Prasad, Asst. Professor, Mathematics (Liaison officer, SC) 3. Dr. Vijayakumar, Asst. Professor, Management & Humanities (Liaison officer, OBC)
Peer Review Cell	Dr. Pratap Kumar Swain, Asst. Professor, BAS (Chairman)
Central Library	Mr. Mohit Kumar De, Asst. Librarian, NIT AP

1. Academic Departments & Activities

1.1. Academic Departments:

The academic department of the Institute along with their vision and faculty strengths are summarized in the below table.

Department

Vision & Faculty Strength

A. Basic and Applied Science

Department of Basic & Applied Science has been established right at the inception of the institute in 2010. Currently, the Department comprises of disciplines of Physics, Chemistry and Mathematics. The Department has total 11 numbers of faculty members and having specialized in advance areas of Physics, Chemistry and Mathematics. The Department has a rich heritage of teaching and research in the field of aforesaid subjects.

Vision:

To provide quality undergraduate and post graduate education in theoretical foundation of science and technology.

Faculty Strength:

<u>Asst. Professor</u>	<u>Associate Professor</u>	<u>Professor</u>
10	0	0

HoD: Dr. Pratap Kumar Swain

Email: hodbas@nitap.ac.in

B. Bio-Technology

Biotechnology currently functions as a joint Department since summer of 2015. The discipline of Biotechnology started admitting student in 2014-2015 in 4 years B. Tech in Biotechnology. A total of 7 students got admitted in the 2014-2015 session, 22 students in the 2015-2016 session, 10 students in the 2016-2017 session and 10 students in the 2017-2018 session. The department involves different labs for pursuing research activities in the field of biochemical, phytochemical tissue culture, drug designing, biomedical, biofuels and recombinant DNA technology.

Vision:

To provide quality undergraduate and post graduate education in theoretical foundation of science and technology.

Faculty Strength:

<u>Asst. Professor</u>	<u>Associate Professor</u>	<u>Professor</u>
3	0	0

HoD: Dr. Susanta Maity

Email: hodbt@nitap.ac.in

C. Chemical Engineering

The Chemical Engineering Department was established in the year of 2015, jointly with Biotechnology with name “Chemical & Biotechnology”, and started running independently from August 2017. The department presently offers under graduate 4-year B. Tech programme in Chemical Engineering. In near future department also has a plan to offer Post Graduate programme with

Vision:

To provide quality undergraduate and post graduate education in theoretical foundation of science and technology.

Faculty Strength:

<u>Asst. Professor</u>	<u>Associate Professor</u>	<u>Professor</u>
3	0	0

HoD: Dr Ananta Kumar Atta

specialization in different fields. The students have prepared effortlessly by participating in National as well as International Conferences to have smart and sound engineering concepts ranging from Basics of Desalination and Fertilizer industries to Nuclear Reactor Design and also practiced outstanding demeanour in order to be a disciplined professionals.

Email: hodche@nitap.ac.in

D. Civil Engineering

The Department of Civil Engineering started in the year 2013 with an annual intake of 30 students. Civil engineering is mother of all engineering discipline that deals with the design, construction, and maintenance of the physical and naturally built environment, including works like roads, bridges, canals, dams, and buildings. Civil engineering is one of the oldest engineering disciplines.

Vision:

Committed to produce outstanding professional engineers to serve the society having leadership and entrepreneurship skills with focus on innovative ideas and high-end research to compete at the global level.

Faculty Strength:

<u>Asst. Professor</u>	<u>Associate Professor</u>	<u>Professor</u>
3	1	0

HoD: Dr. Jumrik Taipodia

Email: hodce@nitap.ac.in

E. Computer Science and Engineering

Computer Science & Engineering is a multidisciplinary branch of engineering which integrates several fields. The Department of Computer Science & Engineering was established right from the inception of the Institute in 2010. The Department offers a 4-year degree program (B. Tech) in Computer Science & Engineering with an annual intake of thirty (30) students. The department also runs Two Post Graduate (M. Tech) programme in Mobile Communication and Computing from 2013 and the other in Computer Science and Engineering from 2015 with an annual intake of 20 each. The department also started Ph. D Programme from 2012.

Vision:

Department of Computer Science & Engineering, National Institute of Technology Arunachal Pradesh shall be a global centre of excellence in education by providing instructions that are current in content and state-of-the-art in delivery; by engaging in cutting-edge, high-impact research projects; collaboration with Universities of International repute and by aggressively taking present-day global concerns.

Faculty Strength:

<u>Asst. Professor</u>	<u>Associate Professor</u>	<u>Professor</u>
8	0	0

HoD: Dr. Manash Pratim Dutta

Email: hodcse@nitap.ac.in

F. Electrical Engineering

The Department of Electrical & Electronics Engineering was established right from the inception of the Institute in 2010. It is renamed as the Department of Electrical Engineering in 2013-14 with the approval of Senate. The department now runs B. Tech in Electrical

Vision:

Mould generations of Electrical Engineers on global standards with multidisciplinary perspective to meet evolving societal needs for the north eastern region.

Faculty Strength:

Engineering and M. Tech in Renewable Energy and Energy Management (REEM).

<u>Asst. Professor</u>	<u>Associate Professor</u>	<u>Professor</u>
6	1	0

HoD: Dr. Abhik Banerjee
Email: hodee@nitap.ac.in

G. Electronics & Communication Engineering

The Department of Electronics and Communication Engineering was established right from the inception of the Institute in 2010. The Departments offer a 4-year degree program (B.Tech.) in Electronics and Communication Engineering with an annual intake of 30 students. The Department added two PG programme in VLSI & Embedded systems (earlier VLSI) and Electronics Design and Manufacturing (discontinued) from 2014 and 2013 respectively with an annual intake of 20 students each. The Department also initiated research programme leading to PhD from 2013-14 onwards.

Vision:

To pursue excellence in education and research in Electronics and Communication Engineering.

Faculty Strength:

<u>Asst. Professor</u>	<u>Associate Professor</u>	<u>Professor</u>
8	0	0

HoD: Dr. Sanjeev Kumar Metya
Email: hodece@nitap.ac.in

H. Management and Humanities

The Department of Management and Humanities (M&H) was established as a full-fledged department in the year of 2014. Before that, Humanities had been established with the Department of Basic Sciences and Humanities right from the inception of the Institute in 2010. During 2014, Humanities was separated and merged with Management. M&H specializes various management and humanities areas such as Entrepreneurship, Engineering Ethics, Finance, HRM, Linguistics and Communication Skills.

Vision:

Department of Management & Humanities at NIT Arunachal Pradesh shall endeavour to promote entrepreneurial culture and develop communication skills of the students to enable them in contributing to the development of the society and the nation. It also nurtures human values among students

Faculty Strength:

<u>Asst. Professor</u>	<u>Associate Professor</u>	<u>Professor</u>
2	0	1

HoD: Dr. Vijay Kumar
Email: hodmah@nitap.ac.in

I. Mechanical Engineering:

Mechanical Engineering is one of the major engineering disciplines. Its principles are involved in the design, development and construction of nearly all of the physical devices and systems that modern technology produces. Mechanical engineers are also concerned with

Vision:

To produce competent mechanical engineers for generation of state of the art technology, innovative products and challenging entrepreneurs for overall development of the society.

Faculty Strength:

the operations of all kinds of machineries and the production of power. They must conceive research, design, develop, test, manufacture and sell equipment for these purposes. It is one of the oldest and broadest engineering disciplines.

Asst. Professor	Associate Professor	Professor
6	1	1

HoD: Dr. Anup Paul
Email: hodme@nitap.ac.in

1.2. ACADEMIC ACTIVITIES

1.2.1. Introduction

Inspiring changes through judicious selection of new UG & PG courses

Several research works on technical education systems in India categorically pointed about the spurt of growth of institutes/universities owing to LPG (Liberalization, Privatization and Globalization) adopted in India after 1990s. But the emphatic spurt has resulted in creating several imbalances in the technical education in India primarily due to Private Investment Policy of low investment and high return clubbed with the profit-only motive in most of the cases. The disciplines, popularity in respect which is increasing in leaps and bounds, are low investment and service-oriented courses like Computer Science & Engineering, Information Technology and Electronics & Communication Engineering. Mother Core Sector engineering and high investment disciplines of Mechanical Engineering, Civil Engineering and Electrical Engineering are pathetically ignored. Any *Institute of National Importance* must act to correct this imbalance and, therefore, NIT-Arunachal Pradesh has resolved to start B. Tech programme in Mechanical Engineering and Civil Engineering in 2013-14.

NIT-Arunachal Pradesh has taken a bold decision to introduce M. Tech programme on Appropriate Technology & Entrepreneurship Practice in 2013-14 as a sole course in collaboration with the National Institute of Rural Development, Hyderabad. Several studies and statistics predict that the unemployment of engineering graduates in India will be a social crux and may be highly dismissive for engineering education in India to flourish and progress. As of today, around 40% engineering graduates are either jobless or in job with under-paid monthly emoluments. Most of the employed engineers suffer from frustration due to lack of job-satisfaction and lack of innovative strategies of the employers. In the age of LPG (Liberalization, Privatization and Globalization), it was predicted that the BRIC countries (i.e. Brazil, Russia, India and China) will be the power-centres to reckon with. The fact is that except in respect of China, it is difficult to believe that the prediction has come true. China has progressed based on several innovative measures one of which is the revolution in entrepreneurship in manufacturing sectors with global market. India has not progressed much in entrepreneurship in manufacturing industries, although it has some impacts only in service sectors that too in basically IT sectors. Therefore, it will be a wise approach either to introduce noble new M. Tech programme in India to tackle the gaps mentioned above. Today in India, there is a need to produce engineers who will create jobs rather than running after jobs. At the same time, in India, one important unattended sector is appropriate technology relevant to rural, cultural and environmental development. A little attention has so far been given to bamboo technology, low cost & local made farming technology, rural home-made food processing technology, bio-gas technology, renewable energy resources, and environment and sustainable development. In order to address both the issues mentioned above, an innovative M. Tech programme on Appropriate Technology & Entrepreneurship Practice (AT & EP) has been started from 2013-14 as mentioned above. The 'Think Tank' of the Institute is also seized of the need of other aspects of inclusive growth in the present-day scenario. At the same time, the Institute does not like to ignore the emergent areas for taking a giant leap forward. It has aspired to start M. Tech in VLSI and Computer Science Engg., being one of the most promising emergent fields along with M. Tech. in Fluid and Thermal Engineering and M. Tech in Renewable Energy and Energy Management.

During the year under report, the Institute offered Undergraduate and Postgraduate programmes in the following disciplines apart from the Ph.D. programmes:

U. G. Programme:

- Computer Science & Engineering
- Electronics & Communication Engineering
- Electrical Engineering
- Civil Engineering
- Mechanical Engineering

P. G. Programme:

- M. Tech course in Appropriate Technology & Entrepreneurship Practices
- M. Tech course in Computer Science & Engineering
- M. Tech course in Renewable Energy & Energy Management
- M. Tech in VLSI & Embedded
- M. Tech in Fluid and Thermal Engineering

Ph. D. Programme:

- Ph.D. program in Computer Science & Engineering
- Ph.D. program in Electronics & Communication Engineering
- Ph.D. program in Electrical Engineering
- Ph.D. program in Mechanical Engineering
- Ph.D. program in Civil Engineering
- Ph.D. program in Biotechnology
- Ph. D. Program in Chemical Engineering
- Ph.D. program in Management & Humanities
- Ph.D. program in Physics, Chemistry and Mathematics

1.2.2. Eighth Convocation Report.

8th Convocation of NIT Arunachal Pradesh:

The 8th Convocation of NIT Arunachal Pradesh was held on 9th December, 2021 at 11 AM in National Institute of Technology Arunachal Pradesh, Jote Campus, Papum Pare, Arunachal Pradesh. Shri Dharmendra Pradhan, Hon'ble Union Minister of Education, Govt. of India was the Chief Guest. Shri Kiren Rijiju, Hon'ble Minister of Law and Justice of India, Govt. of India and Shri Pema Khandu, Hon'ble Chief Minister, Government of Arunachal Pradesh felicitated the Convocation as the Guest of Honor. Shri Taba Tedir, Hon'ble Minister of Education, Government of Arunachal Pradesh delivered Convocation Address as the Special Guest. Shri. Rajkumar Ranjan Singh, Hon'ble Minister of State of Education, Govt. of India delivered Convocation Address as

the Special Guest. Prof. Pinakeswar Mahanta, Director, NIT Arunachal Pradesh presented a report on the activities and achievements of National Institute of Technology Arunachal Pradesh



Photo: 8th Convocation of NITAP

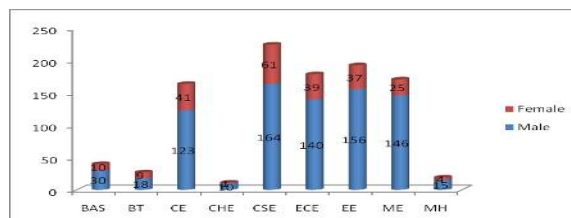
The List of PhD Degree Awarded in 8th Convocation of NIT AP

Sl. No.	Name	Roll No.	Registration No	Thesis Title
1	Pabitra Kumar Guchhait	Ph.D(EE)/2016/01	00038/B/2016	Study and Performance of Various FACTS devices for Reactive Power Compensation of a Hybrid Power System
2	Cristina Gammeng	Ph.D(Math)/2016/01	00041/B/2016	Investigation in Fractional Calculus and Certain Special Functions
3	Sayan Sikder	Ph.D(CSE)/2016/03	00028/B/2016	Exception tolerant Ensemble with a novel combination method and its application
4	Samiul Islam Hazarika	Ph.D(CHEM)/2017/01	00053/B/2017	Carbohydrate modified fluorescent sensors for Cu (II) and Au(III) ions: Synthesis, solvents and cell imaging studies
5	Dipen Saikia	Ph.D(Math)/2017/02	00072/B/2017	A Numerical Study of Atangana-Baleanu and Caputo-Fibrizio Analysis of Fractional Derivatives for Certain Heat and Mass Transfer Problems of Fluid Mechanics
6	Abhijit Paul	Ph.D(ME)/2017/01	00051/B/2017	Thermo-mechanical assessment of nanoparticle mixed vascular tissues subjected to laser and ultrasound heating
7	Hage Doley	Ph.D(PHY)/2017/02	00075/B/2017	Magneto-Electric Coupling in the Multiferroic composite $(1-x)\text{Ba}_5\text{RTi}_3\text{V}_7\text{O}_{30}-x\text{BiFeO}_3$

1.2.3. Admission of students

Total number of students on rolls (gender-wise) from 2018-19 to 2021-22

Course		CSE		ECE		EE		ME		CE		BT		CHE		MH		BAS		Total		
		B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G			
B.TECH	1 st	53	23	53	13	49	14	55	11	4	20										338	
	2 nd	27	8	25	10	26	5	23	4	26	5										159	
	3 rd	31	8	21	6	23	5	18	4	21	8										145	
	4 th	24	6	15	3	22	2	24	2	20	4	10	5	10	0						147	
M.TECH	REEM	1 st				5	4														9	
		2 nd					15	1													16	
	VLSI	1 st			5	0															5	
		2 nd			7	3																10
	FTE	1 st							5	1												6
		2 nd							9	2												11
CSE	1 st	3	2																		5	
	2 nd	8	5																		13	
PhD		18	9	14	4	16	6	12	1	9	4	8	4	-	1	15	4	30	10		165	
Grand Total		164	61	140	39	156	37	146	25	123	41	18	9	10	1	15	4	30	10		1029	

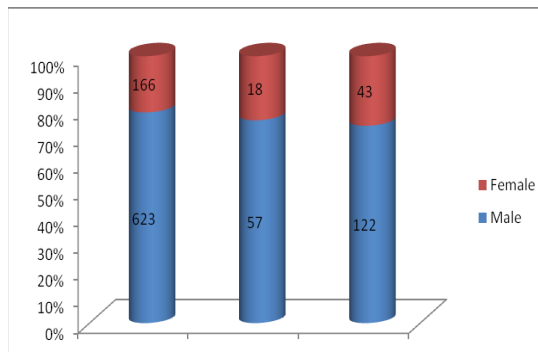
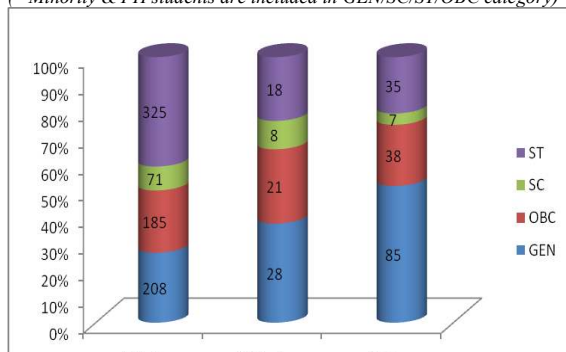


[Department wise students registered (gender-wise)]

Total number of students on roll (category-wise) in various course

Year	Total no. of students admitted		SC	ST	OBC	GEN
	Boys	Girls				
1 st year	257	81	21	136	60	121
2 nd year	127	32	16	64	40	39
3 rd year	114	31	15	67	36	27
4 th year	125	22	19	58	49	21
M. Tech	57	18	8	18	21	28
Ph.D.	122	43	7	35	38	85
Total	802	227	86	378	244	321

(* Minority & PH students are included in GEN/SC/ST/OBC category)



Total number of students on rolls (category-wise)

Total number of students on rolls (gender-wise)

1.2.4. Lists of Conferences/Schools/workshops organized:

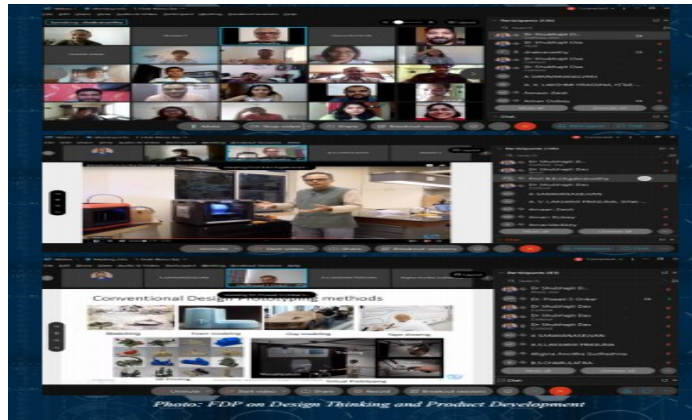
2. One-week Entrepreneurship Development Programme on “Herbal Tablets, Capsules and Syrup Making” was conducted by Dr. Pallabi Kalita Hui, Assistant Professor, Dept. of BT as Coordinator, 2021 sponsored by NECTAR, DST, 2021.
3. Two day Virtual Lecture Series on “Covid-19 and its associated Facets” in collaboration with Department of Applied Biology, University of Science & Technology Meghalaya was conducted by Dr. Pallabi Kalita Hui, Assistant Professor, Dept. of BT, 26-27 June, 2021.



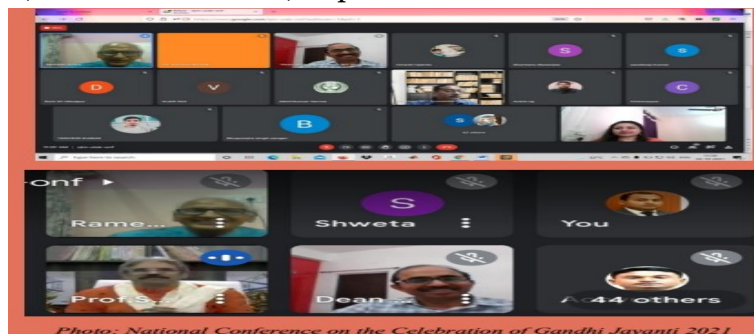
Photo: Virtual Lecture Series on “Covid-19 and its associated Facets”

4. One week AICTE Training and Learning (ATAL) Academy sponsored online Faculty Development Program on ‘Design Thinking and Product Development’ was conducted by Dr. Shubhajit Das and Dr. Manjula Das Ghatak, Assistant Professor, Department of Mechanical Engineering, NIT Arunachal Pradesh, Jote,

23-27 August 2021. A total of 178 participants from all over India registered for the program.



5. One Week Faculty Development Programme (FDP) on Development and Applications of Sensors in Modern life, organized by Dept. of BAS, NITAP, 25-29 October, 2021.
6. NITAP organized a National Conference on Gandhi Jayanti. During the event, a special talk was delivered by the Guest of Honor, Prof. Ramesh K Arora, Former Dean, University of Rajasthan, Jaipur and the Chief Guest Prof. Sanjeev Kumar Sharma, Vice Chancellor, Mahatma Gandhi Central University, Motihari (Bihar). The meeting was presided over by Prof. Pinakeshwar Mahanta, Director, NITAP. Dr. Ram Prakash Sharma, Associate Professor, Dept. of ME and Dr. Achyuth Sarkar, Assistant Professor, Dept. of CSE coordinated the event.



7. One week QIP sponsored online Short Term Course on 'Mechatronics and Manufacturing Automation (MMA 2021)' was conducted by Dr. Shubhajit Das, and Dr. Prases Kumar Mohanty, Assistant Professor, Dept of ME, NITAP, Jote, 04-08 October 2021. A total of 45 participants registered for the program.



Photo: Short Term Course on 'Mechatronics and Manufacturing Automation (MMA 2021)'

8. One week QIP sponsored online Short Term Course on “Computational Intelligent Models for Electrical Engineering Applications” was conducted by Dr. S. N. Deepa, Associate Professor and Dr. Abhik Banerjee, Assistant Professor, Dept. of EE, NITAP, Jote, 06-10 September 2021.



Photo: Short Term Course on "Computational Intelligent Models for Electrical Engineering Applications"

9. 5 day online ATAL FDP on “Stress Busting Meditation Sitzings” was conducted by Dr. M. M. Singh, Assistant Professor, Dept. of MH, NITAP, Jote, 20-24 September 2021.
10. One Week ATAL sponsored Online Faculty Development Programme (FDP) on “Development and Applications of Sensors in Modern Life” was conducted by Dr. Ananta Kumar Atta, Assistant Professor, Dept. of CHE, NITAP, Jote, 25-29 October 2021.
11. One week QIP sponsored online Short Term Course on ‘Thermal and Renewable Energy Storage Techniques for Effective Energy Management’ was conducted by Dr. Dipak Sen, Assistant Professor, Dept of ME, NITAP, Jote, 25-29 October 2021.
12. Dr. Shubhajit Das, Assistant Professor and Dr. Prases Kumar Mohanty, Assistant Professor, Department of Mechanical Engineering, NIT Arunachal Pradesh conducted one week NECTAR sponsored online Entrepreneurship Development Programme (EDP) on „Design Software for Product Development“ from 29th November to 3rd December, 2021 as coordinators at NIT Arunachal Pradesh, Jote campus. A total of 48 participants registered for the program.

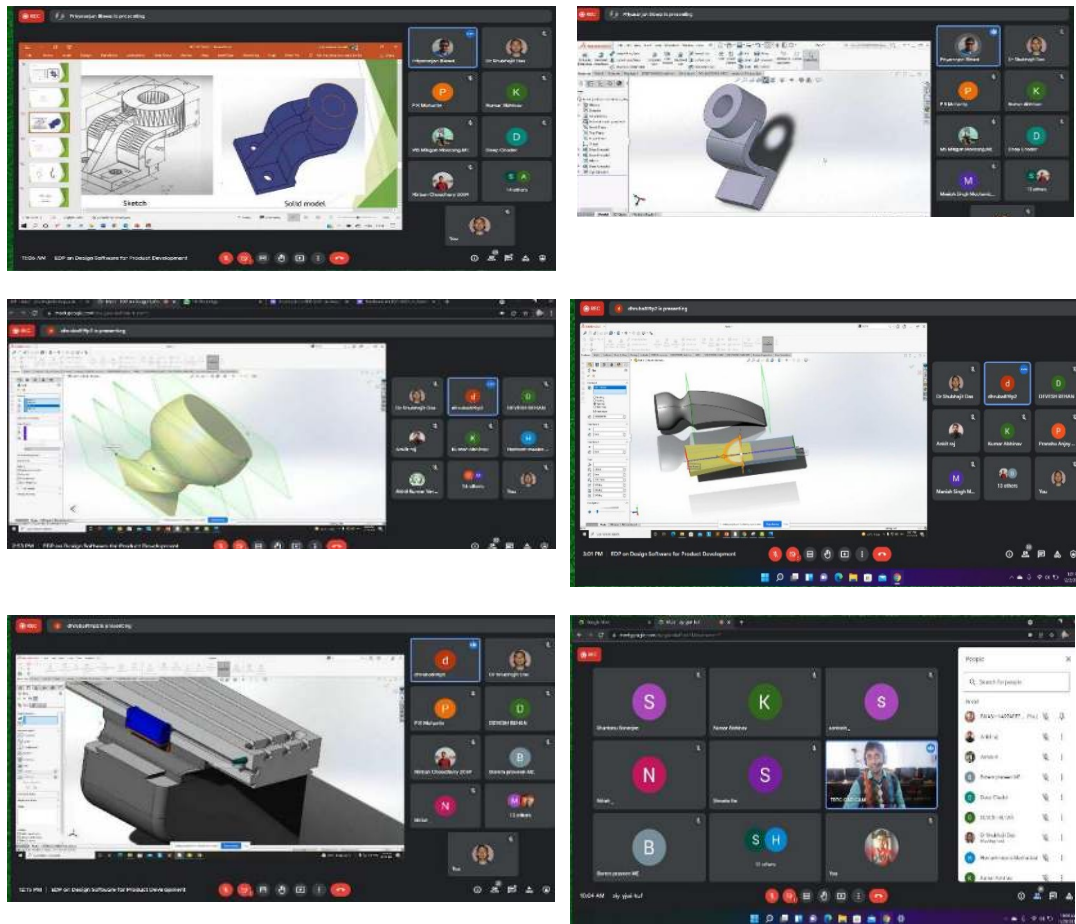


Photo: LDT on Design Software for Product Development

13. Dr. Ram Prakash Sharma, and Dr. Preetisudha Meher, National Institute of Technology Arunachal Pradesh, organized a National Conference on “Understanding Vedic Mathematics and Its Applications” in occasion of National Mathematics Day 6 on 22nd December 2021 in collaboration with Shiksha Sanskriti Utthan Nyas, New Delhi. Four imminent speakers, Prof V. K. Gupta (Professor and Head Mathematics and Director, GovtMadhav Science P G College, Ujjain), Dr. Omkar Lal Shrivastava (Head of the Department of Mathematics Government Kamladevi Rathi Girls Postgraduate College,Rajnandgaon), Prof. Pawan Kumar Sharma (Professor, NIT Hamirpur and Dr. Anupam Jain (Government Degree College sanwer, Indore). Also two esteemed chief guests, Prof. (Dr.) Mahesh Chandra Govil (Director, National

Institute of Technology, Sikkim) and Prof. Prabha Shankar Shukla (Vice - Chancellor, North -Eastern Hill University) was present during the conference.



Photo: Understanding Vedic Mathematics and Its Applications

14. The 3rd International Conference on Machine Intelligence and Signal Processing (MISP 2021) organized by Department of Computer Science & Engineering from 23rd September to 25th September 2021.
15. . Dr. Preetisudha Meher, Assistant Professor, Department of Electronics and Communication Engineering, NIT Arunachal Pradesh organized 2nd Springer International Conference on Electronic Systems and Intelligent Computing (ESIC 2021) as Conference Chair at KIIT University, Bhubaneswar in collaboration with NIT Arunachal Pradesh on 5th and 6th November 2021.
16. Dr. Ananta Kumar Atta, Assistant Professor in Chemistry, NIT Arunachal Pradesh conducted one week NECTAR sponsored online Entrepreneurship Development Programme (EDP) on „Marketing and Processing (Making) of Pickles and Other Food Products“ from 22nd November to 26th November, 2021 at NIT Arunachal Pradesh, Jote campus. A total of 48 participants registered for the program.



17. Dr Rajen Pudur, Assistant Professor, Department of Electrical Engineering, NIT Arunachal Pradesh conducted one-month NECTAR sponsored offline Entrepreneurship Development Programme (EDP) on “Training on domestic

wiring and repair of home appliances” from 13 Dec 2021 to 12 Jan 2022, at NIT Arunachal Pradesh Jote campus. Total of 20 participants took active parts.



18. Dr. Yang Saring, Assistant Professor, Dept. of ECE and Dr. Biri Arun, Assistant Professor, Dept. of CSE conducted DST sponsored 5-day workshop on Automatic Speech Recognition from 21-25 February 2022 as coordinators at NIT Arunachal Pradesh, Jote campus. In the workshop, talks were delivered by experts & professors from IIT Guwahati, NIT Warangal, NIT Kurukshetra, NEHU Shillong, Gauhati University, K L University Andhra Pradesh, IIIT Hyderabad and IIIT Dharwad, in which the basics of Automatic Speech Recognition on languages of Arunachal Pradesh were discussed.

19. Dr. Rajen Pudur, Assistant Professor, Department of Electrical Engineering, NIT Arunachal Pradesh conducted NECTAR sponsored 5 day training Entrepreneurship Development Programme (EDP) on “Training on Fibre Extraction from Banana Stem (Phase-I)” from 21 February 2022 to 25 February 2022, at NIT Arunachal Pradesh Jote campus. Total of 20 participants took active parts.



Photo: Training on Fibre Extraction from Banana Stem (Phase-I)

20. Dr. Rajen Pudur, Assistant Professor, Department of Electrical Engineering, NIT Arunachal Pradesh conducted NECTAR sponsored Entrepreneurship Development Programme (EDP) on “Training on Layer Poultry farming(Phase – II)” from 7 February 2022 to 12 February 2022, at NIT Arunachal Pradesh.



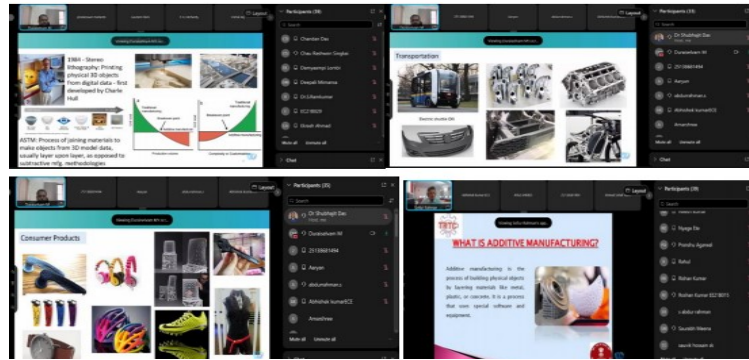
Photo: Training on Layer Poultry farming(Phase-II)

21. Dr. Rajen Pudur, Assistant Professor, Department of Electrical Engineering, NIT Arunachal Pradesh conducted NECTAR sponsored Entrepreneurship Development Programme (EDP) on “Training on Layer Poultry Farming (Phase – III)” from 14 February 2022 to 19 February 2022, at NIT Arunachal Pradesh Jote campus. Total of 20 participants took active parts.



Photo: Training on Layer Poultry Farming (Phase-III)

22. Dr. Shubhajit Das, Assistant Professor and Dr. Prases Kumar Mohanty, Assistant Professor, Department of Mechanical Engineering, NIT Arunachal Pradesh conducted one week NECTAR sponsored online Entrepreneurship Development Programme (EDP) on ‘Flexible 3D Printing Operation and Prototype Development’ from 21st to 25th February, 2022 as coordinators at NIT Arunachal Pradesh, Jote campus. A total of 131 participants registered for the program.



23. Dr. Shubhajit Das, Assistant Professor, Department of Mechanical Engineering, NIT Arunachal Pradesh conducted one week AICTE sponsored online Short Term Training Programme (STTP) on „Design Thinking & Rapid Prototyping: An Entrepreneurship and Startup Approach“ from 22-26 March, 2022 as coordinator at NIT Arunachal Pradesh, Jote campus.

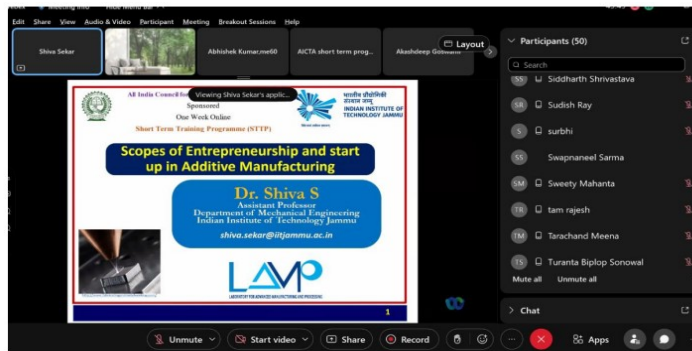


Photo: STTP on ‘Design Thinking & Rapid Prototyping: An Entrepreneurship and Startup Approach’

24. Dr. Ram Prakash Sharma, Associate Professor, Department of Mechanical Engineering, organized Teacher’s Enrichment Workshop-(TEW) on Partial Differential Equations in collaboration with the National Centre for Mathematics-(NCM), Mumbai 17, February - 13, March 2022.



Photo: Teacher’s Enrichment Workshop

1.2.5 Experts/Invited lectures

1. Dr. S. N. Deepa, Associate Professor, Dept. of EE delivered expert lecture on “Soft computing techniques for power system applications” in a five day faculty development program on Recent Trends and Development in Electrical Power Engineering organized by Dept. of EEE, Chadalawada Ramanamma Engineering College, Autonomous, Tirupati, 25 June, 2021.
2. Prof. Pinakeswar Mahanta, Director, NITAP delivered a keynote lecture “Dynamic Curriculum Development in Engineering Education” in the FDP organized by NIT Mizoram, 17 April, 2021.
3. Dr. S. N. Deepa, Associate Professor, Dept. of EE delivered a technical talk on “Diagnosis and classification of lung cancer using machine learning models” in an online Faculty Development Programme (FDP) on "Precision Healthcare Technology" organized by Department of Biomedical Engineering, SSN College of Engineering, Chennai, 28 June, 2021.
4. Dr. Subhasish Banerjee, Assistance Professor, Dept. of CSE delivered an expert talk in AICTE-ATAL Sponsored Online Faculty Development Program (FDP) on “Cyber Security in Smart Cities”, 14-18 June, 2021, NIT Raipur.
5. Dr. Nabakumar Pramanik, Assistant Professor, Dept. of CHE delivered a talk in World Environment Day on the occasion of World Environment Day Celebration organized by Outreach Team, NITAP, 05 June, 2021.
6. Prof. Mihir Kumar Shome, Professor, Dept. of M&H delivered a talk in International Conference on “Recent Advances in Social Sciences, Humanities, Management and Scientific Research” titled The Role of Women Entrepreneurs in the growth of the Indian Economy organized by Eudoxia research Centre, India, 05-06 June, 2021.
7. Prof. Pinakeswar Mahanta, Director, NITAP delivered an inaugural address in “Recent Trend in Electric Vehicles” organized by Dept. of EE, NITAP, 05-09 July 2021.
8. Prof. Pinakeswar Mahanta, Director, NITAP delivered an inaugural speech in “AICTE ATAL online FDP on 'Design Thinking and Product Development’” organized by Dept. of ME, NITAP, 23-27 August, 2021.
9. Prof. Pinakeswar Mahanta, Director, NITAP delivered a keynote address “Capacity Building Initiatives and Role of Entrepreneurs on Technology Intervention”, 31st July, 2021.
10. Prof. Pinakeswar Mahanta, Director, NITAP delivered a keynote address “Popular Lecture Series on National Education Policy 2020: Special Reference Academic Credit Bank System” organized by NITAP, 08 August, 2021.
11. Dr. Deepa. S. N. Associate Professor, Dept. of EE delivered an expert lecture on “Artificial Intelligence and Machine Learning in Autonomous Electric Vehicles” in an ATAL Faculty Development Programme on “Recent Trends in Electric Vehicles” organized by Dept. of EE, NITAP, 09 July 2021.
12. Prof. Mihir Kumar Shome, Professor, Dept. of M&H delivered an expert lecture on “Role of Women Entrepreneurs in Growth of Indian Economy” in Professional Development Programme on Entrepreneurship: The New-age Skills for

- Sustainable Future and Social Development organized by Amity University, Gurgaon Campus, 23 July, 2021.
13. Prof. Mihir Kumar Shome, Professor, Dept. of M&H delivered an expert lecture on “Sampling Techniques in High-Quality Research” in Faculty Development Program on "Approach towards High-Quality Research" organized by Amity Business School, Amity University, Kolkata, 03 August 2021.
 14. Prof. Mihir Kumar Shome, Professor, Dept. of M&H delivered an expert lecture on “Research Hypothesis Testing” in Faculty Development Program on "Approach towards High-Quality Research" organized by Amity Business School, Amity University, Kolkata, 02-06 August 2021.
 15. Dr. Achyuth Sarkar, Assistant Professor, Dept. of CSE delivered an expert lecture on “Emerging Trends in Multimedia Technologies and Network Securities”, at IQAC Cooch Bihar College, West Bengal, India, 10 July 2021.
 16. Dr. Achyuth Sarkar, Assistant Professor, Dept. of CSE delivered an expert lecture on “Disaster Management/National Integration/EBSB/ Health & Hygiene”, 12 July, 07 August, 2021.
 17. Dr. Pratap Kumar Swain, Assistant Professor, Dept. of BAS delivered an expert lecture “Gravitational Wave - A New Astronomical Tool”, organized by Department of Physics, GLA University, Mathura, UP, 27 August, 2021.
 18. Dr. Pratap Kumar Swain, Assistant Professor, Dept. of BAS delivered an expert lecture “Semiclassical Strings in AdS/CFT”, organized by Department of Physics, GLA University, Mathura, UP, 28 August, 2021.
 19. Prof. Pinakeswar Mahanta, Director, NITAP delivered a keynote lecture on “Recent Development in Cogeneration of Biomass with Coal” in the International Conference on Recent Advances in Mechanical Engineering Research and Development (ICRAMERD2021) organized by SOA University Odisha, 24 September, 2021.
 20. Prof. Pinakeswar Mahanta, Director, NITAP delivered a special lecture on “Strengthening of Technical Education of North Eastern Region”, organized by NERIST, Arunachal Pradesh, 28 October, 2021.
 21. Prof. Pinakeswar Mahanta, Director, NITAP delivered an inaugural address in “MISP 2021” organized by Dept. of CSE, NITAP, 23 September 2021.
 22. Prof. Pinakeswar Mahanta, Director, NITAP delivered an inaugural address in “Impact Lecture of the IIC on “Startup and Innovation” organized by IIC & Startup Cell, NITAP, 27-28 September 2021.
 23. Prof. Pinakeswar Mahanta, Director, NITAP delivered an inaugural address in “National Conference on the Celebration of Gandhi Jayanti” organized by NITAP, NITAP, 02 October 2021.
 24. Dr. M. Berlin, Assistant Professor, Dept. of CE delivered a lecture on “Influence of Temperature and Dissolved Oxygen on the Transport of Nitrate in Porous Media” in National Level Faculty Development Program in Civil Engineering held between 28 – 30 September 2021 organized by Department of Civil Engineering, St. Thomas College of Engineering & Technology, Kozhuvallur, Chengannur, Kerala.
 25. Dr. Ram Prakash Sharma, Associate Professor, Dept. of ME delivered expert lecture on “Secret of success” in a one-week workshop on Carrier Psychology &

- Guidance organized by Swami Vivekanand carrier guidance cell Govt. P.G. College, Sheopur (M.P.) & Govt. Adarsh Girls college, Sheopur (M.P.), 29 September, 2021.
26. Dr. Ananta Kumar Atta, Assistant Professor, Dept. of CHE delivered expert lecture in “International Conference on Analytical and Bioanalytical Methods”, Washington St, Newton, United States, 18-20 October, 2021.
 27. Dr. S. N. Deepa, Associate Professor, Department of Electrical Engineering, delivered expert lecture on “Deep Learning Models for predicting and diagnosing COVID-19” in an AICTE-ISTE Online Induction/Refresher program on “Digital Solutions to combat COVID 19” Organized by Dept. of ECE, Sri Ramakrishna Engineering College, 03, December 2021.
 28. Dr. S. N. Deepa, Associate Professor, Department of Electrical Engineering, delivered technical lecture on “Simulation of Neuro-Computing methods” in an AICTE-ISTE sponsored Online Induction/Refresher Programme on “Modelling and Simulation for Research” Organized by Dept. of ECE, Dr.NGP Institute of Technology, Coimbatore, 24, December 2021.
 29. Dr. Ram Prakash Sharma, Associate Professor, Department of Mechanical Engineering, delivered an expert lecture on “Secret of Success” in the Induction Program of NIT Arunachal Pradesh, 31 December, 2021.
 30. Dr. Preetisudha Meher, Assistant Professor, Department of Electronics and Communication Engineering, NIT Arunachal Pradesh delivered an expert lecture on “Teaching Methods for Inspiring the Students” at AICTE sponsored one week online STTP on “Role of Teacher in Creating Effective Learning Environment for Students” Organized by Department of ECE, NERIST Arunachal Pradesh.
 31. Dr. Sahadev Roy, Assistant Professor, Department of Electronics and Communication Engineering, NIT Arunachal Pradesh invited as Keynote Speaker at the Six Days KNU UGC STRIDE sponsored Short Term Training Program (Online) on “Internet of Things: Concept to Implementation organized by the Department of Computer Science and Mining Engineering, Kazi Nazrul University, Asansol, 10 December, 2021.
 32. Prof. Pinakeswar Mahanta, Director, NITAP participated as Chief Guest and delivered inaugural address in International Conference on Emerging Trends in Nano Materials Science and Technology (ICETNMST-2022), organized by Department of Science and Humanities National Institute of Technology Nagaland, 27-29, January 2022.
 33. Prof. Pinakeswar Mahanta, Director, NITAP participated as Chief Guest and delivered Director’s Dialogue in 2nd Pan NIT HSS International Conference on Resilience and Transformation for Global Restructuring organized by Malaviya National Institute of Technology Jaipur, Department of Humanities and Social Sciences in association with 20 NITs, 07-09 January 2022.
 34. Prof. Pinakeswar Mahanta, Director, NITAP attended Regional Review Meeting for Comprehensive Discussion with Higher Education Institutions of North East Region organized by Minster of State, Department of Education, 22nd February, 2022.
 35. Prof. Pinakeswar Mahanta, Director, NITAP participated as Chief Guest and delivered a keynote lecture on ‘Advancement of Technology for Clean Coal

- Energy and Low Carbon Growth', in one week short term course on Energy Conservation for Sustainable Society: Innovation and Entrepreneurial Opportunity, organized by NIT Slichar, 27 February - 04 March 2022.
36. Prof. Pinakeswar Mahanta, Director, NITAP attended Board of Governance Meeting of Research Park of IIT Guwahati, 28th February 2022.
 37. Dr. S. N. Deepa, Associate Professor, Department of Electrical Engineering, delivered expert lecture on "Introduction to Artificial Neural Networks" in an Online Faculty Development Programme, organized by Dept. of EEE, Christ the King Engineering College, Coimbatore on 8th February 2022.
 38. Dr. Sahadev Roy Assistant Professor, Department of Electronics and Communication Engineering delivered a keynote address in a webinar on "Recent trends in IOT and embedded system" organized by Dream Institute of Technology, Kolkata on 15th February 2022.
 39. Dr. Ram Prakash Sharma, Associate Professor, Department of Mechanical Engineering, delivered expert lecture on Matribhasa Diwas in one day national seminar organized by Anusandhan Prakoshth (Research Cell), Bhartiya Shikshan Mandal, Arunachal Prant on 27th February 2022.
 40. Dr. Preetisudha Meher, Assistant Professor, Department of ECE delivered invited talk on "Teaching Methods for Inspiring the Students" at AICTE-ISTE Induction/Refresher's programme on Pedagogy Innovative Methods of Teaching and Learning, 07th -12th February 2022 organized by the Department of Electronics and Communication Engineering at Bharat Institute of Engineering and Technology, Hyderabad sponsored by AICTE-ISTE.
 41. Dr. Preetisudha Meher, Assistant Professor, Department of ECE delivered invited talk on "राष्ट्र विकास के लिए मातृभाषा का महत्व" at National Seminar on Matrabhasa Diwas organized by Bhartiya Sikshyan Mandal, Arunachal Prant, 27th February 2022.
 42. Dr. S. N. Deepa, Associate Professor, Department of Electrical Engineering, delivered technical lecture on "Deep Learning and its application in Bio-Medical Image Processing" in an Online Faculty Development Programme on Biomedical Image Processing :Issues, Challenges & Techniques Organized by Dept. of EEE, JCT College of Engineering and Technology, Coimbatore on 1st March 2022.
 43. Dr. Nabakumar Pramanik, Assistant Professor, Department of CHE, an Invited Talk entitled „Drug encapsulated hydroxyapatite nanoparticle and its nanocomposite with polymer for remedies applications" as an Invited Speaker in the Workshop (Hands-on Training Programme) on „Hands-on training on Herbal Tablets, Capsules and Syrup Making" on 24/3/2022 sponsored by NECTAR, organized by Department of Biotechnology, NIT, Arunachal Pradesh, 22-24 March 2022.
 44. Dr. Ram Prakash Sharma, Associate Professor, Department of Mechanical Engineering delivered expert lecture on „Fundamentals on Fluid Flow and Heat Transfer of Nano Fluids" in the International Conference on Recent Trends in Applied Mathematics (ICRTAM-2022) organized by Department of Mathematics, Loyola College, Chennai, India, 03 – 04, March 2022.

1.2.6 MOU

1. National Institute of Technology, Arunachal Pradesh and Electronics Sector Skills Council of India (ESSCI), New Delhi signed Memorandum of Understanding. The purpose is to meet the requirement of NITAP, expansion for skill development of engineering college students on various Electronics courses. During the event, Prof. Pinakeswar Mahanta, Director, Dr. Uday Kumar Khanikar, Registrar, NITAP, Mr. Piyush Chakraborty, Officiating Head and Mr. Saleem Ahmed, VP-BD, ESSCI were present.



2. National Institute of Technology, Arunachal Pradesh and Govt. Secondary School Jote, signed Memorandum of Understanding under Unnat Bharat Abhiyan (UBA) on 12.10.2021. Students of Govt. Secondary School Jote will visit the laboratories and interact with faculty members. Faculty members of NITAP will conduct classes for the students. During the event, Prof. Pinakeswar Mahanta, Director, Dr. Uday Kumar Khanikar, Registrar, NITAP with other faculty members, Shri. Tana Tagu Tara, DDSE, Papumpare, Shri Taba Larnin, Headmaster I/C along with school teachers were present. The Hon'ble Shri Tana Hali Tara, Member of Legislative Assembly, Doimukh was the Chief Guest of the programme.



3. National Institute of Technology, Arunachal Pradesh and the North East Centre for Technology Application and Reach (NECTAR), signed Memorandum of Understanding. The purposes are Training, Research and Collaboration and Start-up Business Models. During the event, Prof. Pinakeswar Mahanta, Director, Dr. Uday Kumar Khanikar, Registrar, NITAP with other faculty members and the authorities and officers of NECTAR were present.

4. National Institute of Technology, Arunachal Pradesh and Research for Resurgence Foundation (RFRF), signed Memorandum of Understanding. During the event, Prof. Pinakeswar Mahanta, Director, Dr. Uday Kumar Khanikar, Registrar, NITAP with other faculty members and the authorities and officers of RFRF were present.

5. National Institute of Technology, Arunachal Pradesh and Abhyaz MTAB Technology, signed Memorandum of Understanding. During the event, Prof. Pinakeswar Mahanta, Director, Dr. Uday Kumar Khanikar, Registrar, NITAP with other faculty members and the authorities and officers of Abhyaz MTAB Technology were present.

1.2.7 Faculty Empowerment Programmes:

1. Dr. S. N. Deepa, Associate Professor, Dept. of EE attended “NPTEL LIVE Session - Evolution and Future of Cloud & Edge Computing” by Mr. Piyush Gupta, Program Director IBM India System Development Lab, 20 May, 2021.
2. Dr. S. N. Deepa, Associate Professor, Dept. of EE attended International Webinar on “Evolutionary Learning and its Engineering Applications” organized by GSSS Institute of Engineering and Technology for Women, Mysuru IEEE Student Branch in association with IEEE Bangalore Section and IEEE Mysore Sub Section, 21 May, 2021.
3. Dr. M. M. Singh, Assistant Professor, Dept. of M&H attended webinar on Virtual Class Room, by EBSCO Information Services India, 15 May, 2021.
4. Dr. M. M. Singh, Assistant Professor, Dept. of M&H attended ATAL Academy online calendar launch and inauguration of 15 online ATAL FDPs by Hon'ble Minister of Education, 17 May, 2021.
5. Dr. M. M. Singh, Assistant Professor, Dept. of M&H attended Policy Implementation Training for NISP Coordinators organised by MHRD Innovation Cell, 17 May, 2021.
6. Dr. M. M. Singh, Assistant Professor, Dept. of M&H attended trainings on IA from MHRD Innovation Cell starting from 30 June, 2021.
7. Dr. M. M. Singh, Assistant Professor, Dept. of M&H attended orientation session on RMoC (Regional Mentor of Change) RMoC training cum awareness on Regional Mentor of Change, 27 May, 2021.
8. Dr. A. Vanav Kumar, Assistant Professor, Dept. of BAS attended “World Environment Day 2021” workshop in online mode conducted by NITAP, 05 June, 2021.
9. Dr. Sanjeev Kumar Metya, Assistant Professor, Dept. of ECE attended webinar on COMSOL Day: Biomedical Devices, May 11, 2021.
10. Dr. Sanjeev Kumar Metya, Assistant Professor, Dept. of ECE attended webinar on Soft Glass Optical Fibres: Properties, Fabrication and Applications, (OSA) 12 May, 2021.
11. Dr. Sanjeev Kumar Metya, Assistant Professor, Dept. of ECE attended webinar on Frontiers in Nanophotonics: Enabling Technology for Next-Generation Biosensors, (OSA).17 May, 2021.
12. Dr. Sanjeev Kumar Metya, Assistant Professor, Dept. of ECE attended webinar on Materials and Designs for Wavelength Selective Infrared Devices, (OSA), 18 May, 2021.
13. Dr. Sanjeev Kumar Metya, Assistant Professor, Dept. of ECE attended webinar on Access network evolution: convergence, virtualization and intelligent control for 5G and beyond, (OSA), 24 May, 2021
14. Dr. Sanjeev Kumar Metya, Assistant Professor, Dept. of ECE attended webinar on Power over Fiber in support of 5G and IoT, (OSA) 23 June, 2021.
15. Dr. Ram Prakash Sharma, Associate Professor, Dept. of ME participated & successfully completed AICTE Training and Learning (ATAL) Academy Online FDP on "Advancements in Computational Fluid Dynamics using Fluidyn "

- organized by the Department of Aerospace Engineering, Alliance University Bangalore, Karnataka 562106, 07-11 June, 2021.
16. Prof. Mihir Kumar Shome, Professor, Dept. of M&H attended Save and Restore our Beloved Mother Earth Pledge organized by Ministry of Earth Sciences, GoI, online, 05 June, 2021.
 17. Prof. Pinakeswar Mahanta, Director, NITAP participated in an interaction session with The Prime Minister of India along with Directors of CFTI and VCs on Celebrating One Year Completion of National Education Policy 2020, 29 July 2021.



18. Prof. Pinakeswar Mahanta, Director, NITAP attended “National Webinar on Research, Innovation and Ranking” along with NITAP faculty members and staff organized by NIT Division, MUE New Delhi, 11 August, 2021.
19. Prof. Pinakeswar Mahanta, Director, NITAP attended “Promotion of Biogas Through Satat and Gobardhan: Aspiration and Roadmap for Northeast India” organized by as a Silver Jubilee Event of the Department of Energy, Tezpur University, Assam (India), 30-31 August, 2021.
20. Prof. Pinakeswar Mahanta, Director, NITAP attended “Webinar on Various Issues Pertaining to HEFA Funding”, organized by NIT Division, MoE, New Delhi, 19 August, 2021.
21. Dr. Shubhajit Das, Assistant Professor, Dept. of ME, NITAP attended “Innovative Ambassador Training (Foundation Level)” by Ministry of Education (MoE’s Innovation Cell & AICTE) 30 June - 30 July 2021.
22. Dr. Shubhajit Das, Assistant Professor, Dept. of ME, NITAP attended “NPIU TEQIP III online Faculty Development Program on Future-Skill Technologies in 3D Printing & Design” by IIT Hyderabad in June-July 2021.
23. Dr. Shubhajit Das, Assistant Professor, Dept. of ME, NITAP attended online workshop on “3D Printing Techniques and their Applications in Biomedical Devices” by North East Centre for Biological Sciences and Healthcare Engineering, IIT Guwahati, in association with Research Park, IIT Guwahati and Shree Rapid Technologies, 15 July 2021.

24. Dr. S. N. Deepa, Associate Professor, Dept. of EE attended “NPTEL LIVE Session – Effective communication” by Mr. Vishal Walivadekar, Director, Capgemini Technology Services India Pvt. Ltd on July 23, 2021.
25. Dr. S. N. Deepa, Associate Professor, Dept. of EE attended a Tech-talk on “Electric Vehicles and their market in India”, delivered by Mr. Naveen Munjal , Managing Director, Hero Electric Vehicles Pvt. Ltd, organized by IEEE India Council, 31 July 2021.
26. Dr. S. N. Deepa, Associate Professor, Dept. of EE attended NPTEL Live session organized by IIT Madras on “AI for AI” by Dr. Mani Madhukar, Program Manager, IBM, 05 August 2021.
27. Dr. U. K. Saha, Assistant Professor, Dept. of BAS attended a special session on "Design driven innovation for faculties of NIT Arunachal Pradesh", NITAP, Jote. 21 August, 2021.
28. Dr. A. Vanav Kumar, Assistant Professor, Dept. of BAS attended 4th International Conference on Mathematical Modelling, Applied Analysis and Computation (ICMMAAC21), 05-07 August 2021.
29. Dr. Moirangthem Momocha Singh, Assistant Professor, Dept. of M&H, attended webinar on “Startup” organized by NIT Manipur, 08 July 2021.
30. Dr. Moirangthem Momocha Singh, Assistant Professor, Dept. of M&H, attended National Seminar on "Planning and Preparedness for Financial Inclusion" by RGU Arunachal Pradesh, 15 July 2021.
31. . Dr. Moirangthem Momocha Singh, Assistant Professor, Dept. of M&H, attended the live webinars on “IPR strategy and cleantech innovation” conducted by Turnip Innovations, 16 July 2021.
32. Dr. Moirangthem Momocha Singh, Assistant Professor, Dept. of M&H, attended webinar on “Mindfulness: Key to happiness” organized by Amity Center of Positivism and Happiness, 23 July 2021.
33. Dr. Moirangthem Momocha Singh, Assistant Professor, Dept. of M&H, attended National webinar on “Research, Innovation and Ranking” organized by MoE, Govt. of India, MIC & AICTE, 11 August 2021.
34. Dr. Moirangthem Momocha Singh, Assistant Professor, Dept. of M&H, attended national seminar on “Adaptability in crisis: Psychology, education and society” organized by RGU Dept. of Psychology Doimukh Arunachal Pradesh, 17 August 2021.
35. Dr. Sanjeev Kumar Metya, Assistant Professor, Dept. of ECE attended webinar on “Biophotonics: Optical Nanoscopy and Quantitative Phase Microscopy”, IIT Delhi, 30 June, 2021 (IEEE).
36. Dr. Sanjeev Kumar Metya, Assistant Professor, Dept. of ECE attended webinar on “Campfire Session on Neuromorphic Photonics - Directions and Future Prospects”, 30 June, 2021 (OSA).
37. Dr. Sanjeev Kumar Metya, Assistant Professor, Dept. of ECE attended webinar on “PIC circuit optimization using compact models with physical parameters”, 08 July, 2021 (Optiwave).
38. . Dr. Sanjeev Kumar Metya, Assistant Professor, Dept. of ECE attended webinar on “Modeling Photodetectors Using the Drift-Diffusion Equations for RF-Photonics Applications”, 15 July, 2021 (OSA).

39. Dr. Sanjeev Kumar Metya, Assistant Professor, Dept. of ECE attended webinar on “Multicore SM and MM Fibers with Trenches and Air-Hole Assisted, 28 July, 2021 (OSA).
40. Dr. Sanjeev Kumar Metya, Assistant Professor, Dept. of ECE attended webinar on “Modeling Optic and Photonic Devices Using COMSOL Multiphysics®”, 04 August, 2021 (COMSOL).
41. Dr. Sanjeev Kumar Metya, Assistant Professor, Dept. of ECE attended webinar on “Hot Nanophotonics: Light with a Phase Transition”, 05 August, 2021 (OSA).
42. Dr. Sanjeev Kumar Metya, Assistant Professor, Dept. of ECE attended webinar on “Photonic Crystal Design Within the OptiFDTD Environment, 18, August, 2021 (Optiwave).
43. Prof. Mihir Kumar Shome, Professor, Dept. of M&H attended webinar on “Celebrating one year of National Education Policy 2020” organized by AICTE, Govt. of India, July-August, 2021.
44. Dr. Ram Prakash Sharma, Associate Professor, Dept. of ME attended University Distinguished Lecture titled “Creating a Vibrant Knowledge Society - An Indian Strategy for 21st Century” delivered by Dr K Kasturirangan, Chairman, National Education Policy (NEP)- 2020 and special address by Dr Audimulapu Suresh, Hon’ble Minister of Education, Andhra Pradesh organized by SRM University-AP, association with India's national newspaper, "The Hindu", 24 July, 2021.
45. Dr. Ram Prakash Sharma, Associate Professor, Dept. of ME attended “Launching Event: Celebrating One Year of National Education Policy 2020”, 29 July, 2021.
46. Dr. Achyuth Sarkar, Assistant Professor, Dept. of CSE attended “Online lecture series the Sanskritosava 2021”, organized by Center of Excellence for Indian Knowledge System, Sanskriti Club Indian Institute of Technology, Kharagpur, 22-29 August, 2021.
47. Dr. U. K. Saha, Assistant Professor, Dept. of BAS, NITAP attended the GUJCOST(DST, Govt. of Gujarat) sponsored International Symposium on “Recent Advances in Fractional Calculus” organized by Department of Mathematical Sciences, P. D. Patel Institute of Applied Sciences (PDPIAS), Charotar University of Science and Technology (CHARUSAT), Changa (388 421), Gujarat, India held on 30th September and 1st October, 2021.
48. Dr. S. N. Deepa, Associate Professor, Dept. of EE attended “a webinar on the topic ‘Strategies for High-Quality Research”, by Dr. Manoj B.S., Professor at the Department of Avionics in the Indian Institute of Space Science and Technology organized as a part of IEEE Tri-Webinar Series on Various Aspects of Academic Research by IEEE EdSoc Kerala and Hyderabad Chapters. 19 September, 2021.
49. Dr. Mainak Mallik, Associate Professor, Dept. of CE attended a workshop on "Microstructural Characterization Techniques and Mix Design of Special Concretes" 14 organized by CSIR-SERC, Chennai, through online mode, 15-17 September, 2021.
50. Dr. Sanjeev Kumar Metya, Assistant Professor, Dept. of ECE attended webinar on “How Design Tools Help You to Leverage Photonic Integration”, September 1, 2021 (OSA).
51. Dr. Sahadev Roy, Assistant Professor, Dept. of ECE participated in the short-term course on “Mechatronics and Manufacturing Automation (MMA 2021)”

- conducted by Department of Mechanical Engineering, National Institute of Technology, Arunachal Pradesh under the Quality Improvement Programme (QIP) sponsored by AICTE /Ministry of Education, Government of India, during 04-08 October, 2021.
52. Dr. M. Berlin, Assistant Professor, Dept. of CE attended webinar on “Reservoir Modelling Fundamentals”, organized by RESERVOIR SOLUTIONS, Ltd, 30 October 2021.
 53. Dr. M. M. Singh, Assistant Professor, Dept. of MH attended webinar on “Online Review Session on Policy (NISP) Implementation”, organized by MoE Innovation Cell, 07 September, 2021.
 54. Dr. M. M. Singh, Assistant Professor, Dept. of MH attended webinar on “Good Governance”, jointly organized by MoE AICTE, 01 October, 2021.
 55. Dr. M. M. Singh, Assistant Professor, Dept. of MH attended webinar as a panel member for focus group discussion on “Human Resource Development Sectors of NER”, organized by MDoNER, 17 October, 2021.
 56. Dr. Ram Prakash Sharma, Associate Professor, Dept. of ME, participated in ‘A Virtual Teachers' Day Celebration’, jointly organized by Mahamana Commerce Confluence & Bhartiya Shikshan Mandal, Kashi Prant at 10:00 AM, 05 September, 2021.
 57. Dr. Ram Prakash Sharma, Associate Professor, Dept. of ME, participated in ‘Teachers' Day Celebration’ 2021 at NIT Arunachal Pradesh on the auspicious occasion of the birth anniversary of Dr. Sarvepalli Radhakrishnan at 6:00 PM, 05 September, 2021 in the online mode. Prof. Rajat Gupta, Professor, Department of Mechanical Engineering, NIT Silchar 15 delivered a special speech.
 58. Dr. Ram Prakash Sharma, Associate Professor, Dept. of ME, participated in ‘Namaste Rashtriya Anusandhan Prakosth’, by Prof. Shashi Bala, a renowned Indologist, Dean of Bhavan's K M Munshi Centre for Indology, on Chair- Acharya Raghuvira, Bharatiya Vidya Bhawan, New Delhi., 05 September, 2021.
 59. Dr. Ram Prakash Sharma, Associate Professor, Dept. of ME, participated in the distinguished lecture Pratibimb, Sahitya Samvad-2021 organized by Department of Hindi, Satyawati College, University of Delhi " held on Sep 4, 2021 04:00 PM India.
 60. Dr. Ram Prakash Sharma, Associate Professor, Dept. of ME, participated in one day National Webinar on “National Professional Standards for Teachers (NPST): A Step towards Professional Development of Teachers in India”, organized by Department of Education, Central University of Rajasthan in Collaboration with National Council for 16 Teacher Education (NCTE), New Delhi, 15 September, 2021.
 61. Dr. Achyuth Sarkar, Assistant Professor, Dept. of CSE attended “Awareness Programme on ICT and e-Governance -III”, organized by C NIRDPR-NERC, Guwahati, 09 September, 2021.
 62. Dr. Achyuth Sarkar, Assistant Professor, Dept. of CSE attended “Second Virtual International Summit of Tech 4 Seva”, organized by Vibha UBA & CIBIOD, WEF, 20-23 October, 2021.
 63. Dr. S. N. Deepa, Associate Professor, Department of Electrical Engineering attended “webinar on Mars 2020 Perseverance Rover: From Launch to Landing”,

- with the lecture delivered by distinguished speaker Dr. Swati Mohan, Mars 2020 Guidance, Navigation, and Control Operations Lead, NASA JPL, USA on November 12, 2021 organized by IEEE India Council in association with Indian Institute of Science (IISc), Bangalore as PACE webinar series.
64. Dr. S. N. Deepa, Associate Professor, Department of Electrical Engineering attended “6G: Current Research Trends and Open Challenges”, with the lecture delivered by Professor Dr. Merouane Debbah, Technology Innovation Institute, Abu Dhabi, UAE on December 15, 2021 organized by IEEE Madras Chapter as Distinguished Industry Lecturer program.
 65. Dr. Ram Prakash Sharma, Associate Professor, Department of Mechanical Engineering, participated in “Observing International Human Rights Day”, organized by Bhupal Nobles' University, Udaipur, Rajasthan. 10 December, 2021.
 66. Dr. Ram Prakash Sharma, Associate Professor, Department of Mechanical Engineering, participated in “CII National Conference on Reimagining & Reinventing 15 Skill Development Ecosystem for Productivity, Livelihood & Sustainable Growth”, 09-10 December, 2021.
 67. Dr. Ram Prakash Sharma, Associate Professor, Department of Mechanical Engineering, participated in “Summit of North-East Universities Vice Chancellors for Implementation of NEP 2020”, organized by Shiksha Sanskriti Utthan Nyas (NorthEast) in Collaboration with Indian Council of Social Science Research, New Delhi and North Eastern Hill University, Shillong, 13 November, 2021.
 68. Dr. Ram Prakash Sharma, Associate Professor, Department of Mechanical Engineering, participated in “Summit of North-East Universities Vice Chancellors for Implementation of NEP 2020”, Kshatriya Karya Shala 2021 organized by Shiksha Sanskriti Utthan Nyas (North-East) with Collaboration North Eastern Hill University, Shillong, 14 November, 2021.
 69. Dr. Ram Prakash Sharma, Associate Professor, Department of Mechanical Engineering, participated in “the North-East Youth Conclave-2021,”, Kshatriya Karya Shala 2021 organized by Yuvaayam, Bharatiya Shikshan Mandal Uttar Assam Prant, 26-28 November, 2021.
 70. Dr. Abhik Banerjee, Assistant Professor, Department of Electrical Engineering attended Webinar on Budget announcements: 2022-23, “Aatmanirbharta in Defence - Call to Action” in presence of PM and Defense Minister of India on 25th February 2022.
 71. Dr. A. Vanav Kumar, Assistant Professor, Department of Basic Applied and Science, attended Machine Learning with Artificial Intelligence & IOT Using A W Shield (Online) during 27th December 2021 - 21st January 2022 Organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd.) through online mode.
 72. Dr. A. Vanav Kumar, Assistant Professor, Department of Basic Applied and Science, attended Eighth International conference on Mathematics and Computing 2022, organized by VIT, Vellore, January 06-08, 2022 through online mode.
 73. Dr. A. Vanav Kumar, Assistant Professor, Department of Basic Applied and Science, attended Online Faculty Development Programme on Natural Language

- Processing 7-Feb-2022 to 18- Feb-2022, conducted by NIT, Patna; IIT, Roorkee; IIT Kanpur; IIITDM Jabalpur; MNIT Jaipur through online mode.
74. Dr. Ram Prakash Sharma, Associate Professor, Department of Mechanical Engineering attended in the ‘International Conference of Academic Institutions’ organized jointly by MoE, Govt. of India, Education Department, Govt. of Gujarat and Ministry of Skill Development and Entrepreneurship, Govt. of India on 5 th and 6th January 2022 at Vigyan Bhavan, Science City, Ahmedabad, Gujarat.
 75. Dr. S. N. Deepa, Associate Professor, Department of Electrical Engineering attended on the topics “Workshop: Web of Science Core Collection Basic and Advanced Search” and “Research Smarter: Weighted evaluation of publications” organized by Clarivate Analytics. March 15th 2022 and March 24th 2022(respectively).
 76. Dr. Nabakumar Pramanik, Assistant Professor, Department of CHE attended Workshop (Hands-on Training Programme) on „Hands-on training on Herbal Tablets, Capsules and Syrup Making" sponsored by NECTAR, organized by Department of Biotechnology, NIT, Arunachal Pradesh, 22– 24 March 2022.
 77. Dr. A. Vanav Kumar, Assistant Professor, Department of Basic Applied and Science, attended online FDP on „Medical Image & Signal Processing using Python - MIS2P'22", A 6 days National Level Hands-on Virtual Workshop, IEEE Computer Society of Vizag Bay Section, Sasi Institute of Technology & Engineering(A), 07 - 12 March, 2022.
 78. Dr. Ram Prakash Sharma, Associate Professor, Department of Mechanical Engineering attended in the honor of Professor Amitabha Ghosh online lecture series on evolution of classical mechanics and symposium on Engineering Pedagogy, 05-20, March 2022.

1.2.8. Awards and Honors

2. Prof. Pinakeswar Mahanta, Director, NITAP was granted a Lifetime Fellow Member in Recognition of Professional Membership in and Contribution to the International Society for Development and Sustainability (ISDS), Japan, 04 June, 2021.
3. Prof. Pinakeswar Mahanta, Director, NITAP was nominated as a member of Advisory Board, National Power Training Institute-NER, Guwahati under Ministry of Power, Govt. of India and attended 1st Advisory committee meeting NPTI, Guwahati, 27 July, 2021.
4. Prof. Pinakeswar Mahanta, Director, NITAP has been conferred upon as The Fellow of the Institution of Engineers (FIE) of India by The Institution of Engineers (India).
5. Dr. Shubhajit Das, Assistant Professor, Department of Mechanical Engineering, NIT Arunachal Pradesh was certified for exceptional contribution as a Primary Evaluator in „Toycathon, 2021" by Ministry of Education"s Innovation Cell, Government of India.
6. Dr. Preetisudha Meher, Assistant Professor, Department of Electronics and Communication Engineering, NIT Arunachal Pradesh was awarded as

- “Distinguished Female Educationalist of the Year 2021” at Indian Excellence Awards 2021 by Abhigyan Foundation, New Delhi.
7. Dr. Sanjeev Kumar Metya, Assistant Professor, Department of Electronics and Communication Engineering has been promoted to Senior IEEE Member.
 8. Institutions“ Innovation Council, NIT Arunachal Pradesh was rated as 3.5* out of 4* by the Ministry of Innovation Council Govt. of India.
 9. Dr. Sahadev Roy, Institutions“ Innovation Council Coordinator participated as one of the Jury members for evaluating the Exhibition by Young Students on Innovative Products & Designs, organized by Regional Science Centre Bhopal, 21-22 December 2021.
 10. Dr. NabakumarPramanik, Assistant Professor, Dept. of CHE ranked at 10722 out of 29828 scientists in India, 72472 out of 164135 scientists within Asia, and 377186 out of 741882 scientists in the world in the AD Scientific Index (Rankings for Scientist), Rankings for World Scientist and University Rankings 2021.

Category	Scores	In National Institute of Technology Arunachal Pradesh (9)	In India (29828)	In Asia (164135)	World (741882)
Total H	18	#2	#10722	#72472	#377186
Last 5 year H	13	#1	#14034	#93484	#469374
Last 5 year H / total H	0.698	#2	#12678	#82835	#411379
Total I10	13	#2	#13083	#88236	#397949
Last 5 years I10 / Total I10	0.737	#2	#12450	#84096	#419353
Total Citations	876	#3	#17883	#120815	#563827
Last 5 years Citations	359	#3	#12879	#13097	#60923
Last 5 years Citation / Total Citations	0.410	#1*	#6289	#20091*	#100923*
Natural Sciences *		#1	#945	#450	#13195
Chemical Sciences *		#1	#1969	#7918	#27221*

Photo: World Scientist and University Rankings 2021

11. Dr. S.N.Deepa, Associate Professor, EE Dept., NIT Arunachal Pradesh has secured a place in the top 2% of the scientists listed by Stanford University, USA, this year. Stanford University has recently released the index representing the top 2% of the most-cited scientists in various disciplines. The report was prepared by a team of experts led by Prof. John Ioannidis, the Eminent Professor at Stanford University.
12. Dr. S.N.Deepa, Associate Professor, Department of Electrical Engineering, in the released AD Scientific Index 2021 Rankings for World Scientist and University Rankings 2021, has been ranked at 5453 out of 28274 scientists in India, 42448 out of 156345 scientists within Asian Countries and 243107 out of 716514 scientists in the world.

Category	Scores	In National Institute of Technology Arunachal Pradesh (9)	In India (28274)	In Asia (156345)	World (716514)
Total H	21	#1	#5453	#42448	#243107
Last 5 year H	19	#1	#4235	#35211	#199908
Last 5 year H / total H	0.905	#1	#3766	#28270	#159148
Total I10	37	#1	#4003	#31079	#162088
Last 5 years I10 / Total I10	0.712	#1	#1052	#8512	#67145
Total Citations	6384	#1	#1095	#8697	#50887
Last 5 years Citations / Total Citations	0.377	#1	#1834	#14109	#8811
Engineering & Technology *		#1	(9284) *	(47408) *	(139764) *
Electrical & Electronic Engineering *		#1	(257) *	(2087) *	(6684) *
		(3) *	(1472) *	(8836) *	(18894) *

Photo: World Scientist and University Rankings 2021

2. Research Activities:

2.1. Research Area

Basic & Applied Science Department

Sl. No	Name of the faculty	Designation	Highest qualification	Specialization/ Research Area
1	Dr. Pratap Kumar Swain	Asst. Professor	PhD	String Theory and theoretical condensed matter physics
2	Dr. Nabakumar Pramanik	Asst. Professor	PhD	Nanomaterials, Biomaterials, Biopolymers, Ceramic-polymer composites, Nanocomposites and Calcium Phosphate based composites for biomedical applications.
3	Dr. Utpal Kumar Saha	Asst. Professor	PhD	Special Function, Functional Calculus, Applied Mathematics
4	Dr. Karam Ratam Singh	Asst. Professor	PhD	Graph Theory and Combinatorics
5	Dr. Ananta Kumar Atta	Asst. Professor	PhD	Organic Chemistry
6	Dr. Susanta Maity	Asst. Professor	PhD	Fluid Mechanics, Applied Mathematics
7	Dr. A. Vanav Kumar	Asst. Professor	PhD	Fluid Mechanics
8	Dr. Tushar Dhabal Das	Asst. Professor	PhD	Organic OLED, Electronics Materials, Solar Cell
9	Dr. Shakti Prasad	Asst. Professor	PhD	Sampling Theory, Statistical Inference, Missing Data Analysis
10	Dr. Debjit Dutta	Asst. Professor	PhD	Supersymmetric Quantum Mechanics, Non-linear Dynamics, Plasma Physics

Biotechnology Department

Sl. No	Name of the faculty	Designation	Highest qualification	Specialization/ Research Area
1	Dr. Kimjolly Lhouvum	Asst. Professor	PhD	Micro-biotechnology
2	Dr. Saikat Kumar Jana	Asst. Professor	PhD	Biosensor, Diagnostic devices and Waste management
3	Dr. Pallabi Kalita Hui	Asst. Professor	PhD	Drug discovery, Plant bio-chemistry

Chemical Engineering Department

Sl. No	Name of the faculty	Designation	Highest qualification	Specialization/ Research Area
1	Dr. Ananta Kumar Atta	Asst. Professor	PhD	Organic Chemistry
2	Dr. Nabakumar Pramanik	Asst. Professor	PhD	Nanomaterials, Biomaterials, Biopolymers, Ceramic-polymer composites, Nanocomposites and Calcium Phosphate based composites for biomedical

3	Dr. Kartick Mondal	Asst. Professor	PhD	applications. Computational Fluid Dynamics, Micro and Nano Fluidics, Colloid and Interfacial Science, Thin Films Instabilities
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Civil Engineering Department

Sl. No	Name of the faculty	Designation	Highest qualification	Specialization/ Research Area
1	Dr. Mainak Mallik	Associate Professor	PhD	Bio concrete, Structural Health Monitoring, Sustainable materials, Self compacting concrete
2	Dr. Jumrik Taipodia	Asst. Professor	PhD	Subsurface Exploration
3	Dr. M. Berlin	Asst. Professor	PhD	Environmental and Water Resources Engineering
4	Dr. Nabam Rich	Asst. Professor	PhD	Water and Waste Treatment, Municipal Solid Waste Management

Computer Science Engineering Department

Sl. No	Name of the faculty	Designation	Highest qualification	Specialization/ Research Area
1	Dr. Swarnendu Kumar Chakraborty	Asst. Professor	PhD	Data Networks/Wireless communication, Internet Cryptography.
2	Dr. Rajat Subhra Goswami	Asst. Professor	PhD	Information Security, Cryptography, Image Processing, Big Data, Network Traffic Classification
3	Dr. Koj Sambyo	Asst. Professor	PhD	NLP
4	Dr. Subhasish Banerjee	Asst. Professor	PhD	Computer Networks, Data Structure, Data Base Management System, Algorithm Design and Analysis, Cryptography
5	Dr. Manash Pratim Dutta	Asst. Professor	PhD	Information Security, Bioinformatics, Machine Learning
6	Dr. Achyuth Sarkar	Asst. Professor	PhD	Machine Learning
7	Dr. Deepak Gupta	Asst. Professor	PhD	Machine Learning, Support Vector Machine, Extreme Learning Machine for Classification and Regression Problems
8	Dr. Biri Arun	Asst. Professor	PhD	Speech Processing, Machine Learning, Database Systems, Data Warehouse, Data Mining

Electrical Engineering Department

Sl. No	Name of the faculty	Designation	Highest qualification	Specialization/ Research Area
1	Dr. S. N. Deepa	Associate Professor	PhD	Control System, Soft Computing Techniques
2	Dr. Rajen Pudur	Asst. Professor	PhD	Renewable energy integration, Micro-hydro power plants, Power System, renewable sources of energy

3	Dr. Shantanu Charterjee	Asst. Professor	PhD	Power Electronics , Electric Drives (AC Drives), Power Converters, PWM Techniques, Control Systems, Fractional Order PID controller
4	Dr. Ralli Sango	Asst. Professor	PhD	Renewable sources of energy, Power system, Solar PV System, Solar cells, MEMS/NEMS, Distributed generation and power quality, HEVs, Smart Grid, Grid Integration of Renewable Energy
5	Dr. Braja Gopal Dutta	Asst. Professor	PhD	Power Electronics
6	Dr. Abhik Banerjee	Asst. Professor	PhD	Distributed Generation, soft computing Techniques
7	Dr. Rajib Jana	Asst. Professor	PhD	Reflector Antennas, Matched feeds, Multi-mode Horns, Ultra Wideband Antennas, Advanced Numerical techniques for EMC. Wireless Charging.

Electronics and Communication Engineering Department

Sl. No	Name of the faculty	Designation	Highest qualification	Specialization/ Research Area
1	Dr. Sahadev Roy	Asst. Professor	PhD	Real-Time Embedded Systems, IoT, Mechatronics & Robotics, Automation, Electronics Devices, and Microwave Engineering
2	Dr. Yang Saring	Asst. Professor	PhD	Speech Processing, Speech Recognition, Natural Language Processing, Error Correction (Wireless Communication)
3	Dr. Yaka Bulo	Asst. Professor	PhD	Error Control Coding, Wireless Sensor Network, Non-Orthogonal Multiple Access techniques, Networking
4	Dr. Abir Jyoti Mondal	Asst. Professor	PhD	VLSI Circuits, Power Delivery Network, Networks-on-Chip
5	Dr. Alak Majumder	Asst. Professor	PhD	VLSI Circuit, Power Supply Noise, Clock Gating, Wireline Communication, Optical Logic
6	Dr. Sanjeev Kumar Metya	Asst. Professor	PhD	Optical Systems, Optoelectronic Devices, Nonlinear Optics, Reversible Optical Computing, Solar Cell
7	Dr. Subhadeep Mukhopadhyay	Asst. Professor	PhD	Semiconductor Devices, Semiconductor Physics, Microfluidics
8	Dr. Preetisudha Meher	Asst. Professor	PhD	Low Power VLSI, Digital VLSI, Embedded Systems, IOT, Bioinformatics

Mechanical Engineering Department

Sl. No	Name of the faculty	Designation	Highest qualification	Specialization/ Research Area
1	Prof. Pinakeswar Mahanta	Director	PhD	Heat Transfer - Conjugate radiation, Conduction and /or convection problems, Renewable Energy- Biodiesel, Biomass gasification and biogas technology, Circulating Fluidized Bed Technology, Energy Conservation, Combustion and gasification of solid fuel, Refrigeration and Air conditioning
2	Dr. Ram Prakash Sharma	Associate Professor	PhD	Fluid Mechanics, Computational Fluid Dynamics, Newtonian and Non-Newtonian fluids, Stretching and stagnation flows, Boundary-Layer Theory, Heat and Mass transfer, flow through porous media, History of Mathematics
3	Dr. Sandip Kumar Mandal	Asst. Professor	PhD	Tribology, Optimization, Surface Coating, Mixed convective heat transfer, Renewable energy-Biodiesel
4	Dr. Dipak Sen	Asst. Professor	PhD	Micro/Nanoscale phase change heat transfer, Boiling heat transfer, Fabrication of micro/nanostructured surface using various techniques, Bubble dynamics, Mixed convection, Thin film coating, Alternative fuels.
5	Dr. Anup Paul	Asst. Professor	PhD	Biological heat and mass transfer, Thermal management, Hydrodynamics, Renewable energy
6	Dr. Manjula Das Ghatak	Asst. Professor	PhD	Energy conservation and Renewable Energy, IC engine, Gasification, Fluidized bed, Drying, Biogas, Biofuel, Organic Fertilizer
7	Dr. Shubhajit Das	Asst. Professor	PhD	Composites, nanocomposites, hybrid composites, Digital Manufacturing, Optimization, soft computing, Tribology, Product Design & Development, Computer-Aided Design, Solid Waste Management
8	Dr. Prases Kumar Mohanty	Asst. Professor	PhD	Design and Development of Autonomous Agents, Motion Planning of Autonomous Agents, Structural Health Monitoring, Additive Manufacturing Processes,

Management and Humanities Department

Sl. No	Name of the faculty	Designation	Highest qualification	Specialization/ Research Area
1	Prof. Mihir Kumar Shome	Professor	PhD	Human Resource Management, Talent Management, Disaster Management, Industrial Management, Organizational Change and Development
2	Dr. Moirangthem Momocha Singh	Asst. Professor	PhD	Finance-Marketing-Inter Disciplinary-Entrepreneurship
3	Dr. Vijayakumar Kathirvel	Asst. Professor	PhD	English for Specific Purposes, Linguistics

2.2. Research Publications

A. Journal Publications:

1	Kaushal Mukherjee, Subhadeep Mukhopadhyay, and Sahadev Roy "CPW-Fed Printed Patch Antenna for 5G-IoT Infrastructure Development", International Journal of Critical Infrastructures, vol. Accepted for Publication, 2022.
2	Md Faysal Kal and Sahadev Roy "Development of an Accident Prediction Model for Freeways Systems", International Journal of Critical Infrastructures, vol. Accepted For Publication, 2022.
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6	S. Awasthi, S. Sharma, B. Chowdhury, G. Singh, S. K. Metya and A. Majumder " Configuring Logic Operations from New Reversible Toffoli Gate Using Pockel's Effect of Ti: LiNbO ₃ ", IEEE TENSYP 2022, IIT Bombay , [2022]
7	Limi Nyodu and Dr. K. Viajyakumar, " "The Ashing of Arunachal Pradesh and their Moribund Language", e 2nd International Conference of Tibeto-Burman Linguistics Association of North East India (ICTiBLANEI-2) , [2022]
8	Saikat Samanta, Achyuth Sarkar, Aditi Sharma, Oana Geman " Security and Challenges for Blockchain Integrated Fog Enabled IoT Applications", ICADCML 2022 (The Third International Conference on Advances in Distributed Computing and Machine Learning) , [2022]
9	ustyna Achyuth Sarkar, Muhammad Safdar Sial " Biometrics as a method of employee control", 2022 16th International Conference on Ubiquitous Information Management and Communication (IMCOM) , [2022]
10	Joyir Siram, Koj Sambyo, and Achyuth Sarkar " Part-of-Speech (POS) Tagging for the Nyishi Language", SCOPUS indexed Springer Book: Advances in Information Communication Technology and Computing , [2022]
11	Joon Jyoti Deka and Achyuth Sarkar " ELMO Embedding for Sarcasm Detection", SCOPUS indexed Springer Book: Advances in Information Communication Technology and Computing , [2022]
12	Saikat Samanta, Achyuth Sarkar, and Yaka Bulo " Secure Smart City Infrastructure Using Digital Twin and Blockchain", SCOPUS indexed Springer Book: Advances in Information Communication Technology and Computing , [2022]
13	Saikat Samanta, Achyuth Sarkar, Yaka Bulo, " Secure 6G Communication in Smart City Using Blockchain", The proceedings of IEMIS 2022 , [2022]
14	A. Das, T. Ringu, and N. " An updated overview on zinc oxide nanoparticles (ZnO NPs): Properties and advanced biomedical applications", International Conference on Technological Interventions for Sustainability (CHEM-CONFLUX22) , [2022]
15	Saikat Samantha, Achyut Sarkar, Yaka Bulo " Secure Smart City Infrastructure Using Digital Twin and Blockchain", Advances in Information Communication Technology and Computing vol.392, ,pp.367-375, [2022]
16	Manabjyoti Dutta, Manjula Das Ghatak, Dipak Sen " An experimental Investigation of performance and emission characteristics of IC engine using Jatropha oil Biodiesel blended with CNT", NERC 2022, IIT Guwahati , [2022]
17	Arnab Deb, Animesh Borah and Manjula Das Ghatak " An experimental study of biomass pellets using different binders", ICUE 2022 on Energy, Environment and Climate Change , [2022]

18	Pragya Sinha, Rituparna Paul, Preetisudha Meher and Subhasish Banerjee " Analysis of Message Hiding Method Using Image Stenography", International Conference on Innovative Computing & Communication (ICICC) 2022 , [2022]
19	Swatilekha Nag, Susanta Maity " Thermal Effects of CNTs Nanoliquid Film Flow During Spin Coating", Advances in Thermofluids and Renewable Energy, Springer , ,pp.139-152, [2022]
20	M Kundu, NV Teja, SK Chakraborty " Investigation of New Protocol: Cyclic Shift in Aggressive Packet Combining Scheme to Combat the Error in Same Bit Location", 2022 Second International Conference on Advances in Electrical, Computing ... , [2022]
21	M Kundu, SK Chakraborty, A Sarkar, DJ Nagendra Kumar " Aggressive Packet Combining Scheme for Co-Operative Wireless Communication Ensuring Enhanced Throughput", International Conference on Artificial Intelligence and Sustainable ... , [2022]
22	Subhadip Goswami, Tapas Kumar Benia Ab Banerjee " Analysis of power quality for TOSA-PID controller-based hybrid power generation system. International Conference on Machine Intelligence and Signal Processing, MISP 2021, Springer.", MISP 2022 , [2022]
23	Bhunia, A., and Shome, M.K. " Social Entrepreneurship as a Tool for Sustainable Social Development in the Post-Covid Situation in India: Challenges & Opportunities," 2nd Pan NIT HSS International Conference on Resilience and Transformation for Global Restructuring hosted by Malaviya National Institute of Technology, Jaipur , [2022]
24	Shome, M.K. and D B.K. " Role of Women Entrepreneurship in Rural Economy of Tripura," National Seminar, Organized by Department of Business Administration, USTM and Sponsored by NABARD. , [2022]
25	Gem Taka, N Pumbo and T. D. Das " Synthesis and Characterizations of ZnO, Fe-ZnO and Mg-ZnO Nanoparticles ", ICMRE-2022 , [2022]
26	Dipankar Gogoi, Arvind Sharma, Sagar Bhattarai, and T. D. Das " Numerical study of Aluminum doped Zinc Oxide anode based fluorescent bilayer Organic Light Emitting Diode ", RAMAN-2022 , [2022]
27	Dipankar Gogoi, Sagar Bhattarai, Arvind Sharma, and T. D. Das " "Organometal halide perovskite solar cell: characterization based organic layer influence on device simulations", ", NECSA-2022 , [2022]
28	Monika Gogoi, Sagar B. and T D Das, " A simulation Approach for Optimization of Optical Absorption in Amorphous Silicon Solar Cell ", NECSA 2022 , [2022]
29	Dipankar Gogoi, Sagar Bhattarai and T. D. Das " Aluminium doped zinc oxide anode film for performance enhancement of trilayer optimized fluorescent organic light emitting diode ", NECSA-2022 , [2022]
30	Momocha M & Chaitan K " Cancer fatality and health seeking behaviour in Northeast India", International Conference on Resilience and Transformation for Global Restructuring (ICRTGR 2022)

organised by MNIT Jaipur , [2022]

31 Chaitan Kumar and Dr. M. M. Singh " Cancer prevention in north east India: a multistakeholder responsibility approach ", International conference ICDP at Delhi University , [2022]

C. Books:

1. Dr. Manjula Das Ghatak and Ms. Nibedita Das " Biodiesel: An Experimental Approach", o , issue.978-3-659-63102-3 ,pp.68 [2022].
2. Dr. Manjula Das Ghatak and Mr. Suraj Toppo " Hot fluidized bed: An experimental study with sub-bituminous Indian coal and sawdust", o , issue.978-3-659-93959-4 ,pp.72 [2022].
3. Dr. Manjula Das Ghatak, Dr. Saikat Jana and Mr. Animesh Borah " Biomass Gasification: A comparative study with different binders on charcoal-biomass pellets", o , issue.978-3-330-32093-2 ,pp.52 [2022].
4. Dr. Manjula Das " Mesua Ferrea: A potential Plant for Biofuel Production", o , issue.9798887726953 ,pp.47 [2022].
5. Deepak Gupta, Koj Sambyo, Mukesh Prasad, Sonali Agarwal " Advanced Machine Intelligence and Signal Processing", o vol.858, issue.978-981-19-0840-8 [2022].
6. P Mahanta, P Kalita, A Paul, A Banerjee " Advances in Thermo fluids and Renewable Energy", o , issue.978-981-16-3497-0 [2022].
7. Mohan R.A., Dey, B.K., Senthilyadivel, S and Shome, M.K " Financial Markets", o , [2022].
8. Dey, B.K., Debnath, P., Shome, M.K., and Roy " Contemporary Issues in Corporate Governance and Business Finance in India", o , [2022].

D. Book Chapters:

1. Prases K Mohanty, Anand Kumar Singh, Amit Kumar, Manjeet Kumar Mahto, Shubhasri Kundu " Intelligent Technologies and Robotics Intelligent Technologies and Robotics", Path Planning Techniques for Mobile Robots: A Review , issue.978-3-030-96302-6 [2022].
2. Kaushal Mukherjee, Subhadeep Mukhopadhyay, Sahadev Roy, Arindam Biswas " Smart Agriculture Automation using Advanced Technologies: Data Analytics & Machine Learning, Cloud Architecture, Automation & IoT", Application of IoT-Enabled 5G Network in the Agricultural Sector vol.9, issue.978-981-16-6124-2 ,pp.151-164 [2022].
3. Saikat Samanta, Achyuth Sarkar, Charu Gupta, Aditi Sharma " Knowledge Engineering for Modern Information Systems", Machine learning Integrated Blockchain Model for Industry 4.0 Smart Applications , [2022].
4. Saikat Samanta, Achyuth Sarkar, Aditi Sharma " Machine Learning and Data Science: Fundamentals and Applications", Networking Technologies and Challenges for Green IOT Applications in Urban Climate , [2022].
5. Saurabh Dubey, Deepak Gupta and Mainak Mallik " Recent Advances in Materials, Mechanics and Structures", , issue.978-981-19-3370-7 [2022].

6. **Piash Ghosh, Saurabh Kumar Singh, Mainak Mallik and Damodar Maity** " Recent Advances in Computational and Experimental Mechanics, Vol II" , , issue.978-981-16-6489-2 [2022].
7. **Animesh Das Nibedita Das Manjula Das Ghatak** " Advances in Thermofluids and Renewable Energy ", Experimental investigation of feasibility of using biodiesel produced from nahar, castor and rice bran seeds in CI engine , issue.Online ISBN 978-981-16-3497-0; Print ISBN 978-981- ,pp.339-349 [2022].
8. **Animesh Das, Manjula Das Ghatak & Pinakeswar Mahanta** " Recent Advances in Mechanical Engineering", Production Optimization for a Biofuel Prepared from a High Acid Value Fuel like Nahar Oil, its Properties and Feasibility to use in a Four Stroke DI Diesel Engine , issue.Print ISBN 978-981-16-9056-3 Online ISBN 978-981-1 ,pp.699-704 [2022].
9. **Abhik Banerjee and Subhadip Goswami** " DC-DC Converters for Future Renewable Energy Systems ", Modeling and performance analysis of various DC-DC converters , issue.13: 978-9811643873 [2022].
10. **Bhunia, A. and Shome, M.K.** " Resilience and Transformation for Global Restructuring", SOCIAL ENTREPRENEURSHIP AS A TOOL FOR SUSTAINABLE SOCIAL DEVELOPMENT IN THE POST-COVID SITUATION IN INDIA: CHALLENGES & OPPORTUNITIES , [2022].
11. **Baul, A and Shome, M.K** " Agile Leadership for Industry 4.0", Job Satisfaction among School Teachers: Probing into the Nature of Agility in Government and Private Secondary School , [2022].
12. **Utpal Kumar Saha** " Mathematical, Computational Intelligence and Engineering Approaches for Tourism, Agriculture and Healthcare", On the Generalized Fractional Calculus Operators Involving the H-Function of Several Variables vol.214, ,pp.1 -12 [2022].
13. **Dipen Saikia, Utpal Kumar Saha, G. C. Hazarika** " Mathematical and Computational Intelligence to Socio-Scientific Analytics and Applications", A Numerical Study on Atangana-Baleanu and Caputo-Fabrizio Fractional Derivatives for MHD Flow Past an Impulsively Started Vertical Plate with Ramped Temperature and Concentration with Viscous Dissipation vol.518, [2022].
14. **Sangeeta Das, Shubhajit Das** " Green Tribology: Emerging Technologies and Applications", Green Machining Techniques: A Review vol.DOI: 10.1201/9781003139386-10, issue.ISBN: 978-0-367-68860-8 (hbk) ,pp.223 [2022].

2.3. Sponsored Research Projects:

Sl.No.	TITLE OF THE PROJECT	Sponsoring Agency	Department	PI and CO-PI	Duration	Sanctioned Amount (In lakhs)	Status
1	Visvesvaraya PhD Scheme	MEITY, Govt. of India	CSE	Dr.Rajat Goswami	2016 - 2021	129.85	Ongoing
2	Modelling, Fabrication and Motion Planning for Maximum Mobility of Quadrupedal Robot	SERB (DST)	ME	Dr.P.K.Mohanty	2017-2020	27.07	Ongoing

3	Prediction of sediment load concentration in rivers using computational machine learning approaches	SERB, DST, Govt. of India	CSE	Dr Deepak Gupta	2017-2021	26.79	Ongoing
4	Effect particle size on solidification process under uniform magnetic field along with thermalsolutal convection effects with sinusoidal temperature distribution over Nanoparticle Enhanced Phase Change Materials	SERB DST	Mathematics Division, Department of BAS	Dr. A. Vanav Kumar	2017-2020	9.8096	Ongoing
5	Proteomic biomarkers based sensing device for minimally invasive diagnosis of endometriosis	DBT	BT	Dr. Saikat K Jana	2017-2020	59.35	Ongoing
6	Biochemical and pharmacological evaluation, molecular characterization of Paris polyphylla Smith (Melanthiaceae) landraces from Eastern Himalayan Region of India for addressing livelihood issues	DST (SERB)	BT	Dr. Pallabi Kalita Hui	2017-2020	36.91	Ongoing
7	Exploration and Identification of the Microbial and Chemical Hazards Present in Drinking-water of Arunachal Pradesh Aiming to Supply the Safe Drinking Water. Funded by DBT, Govt of India.	DBT	BT	Dr. Kimjolly Lhouvum	2017-2020	74.45	Ongoing
8	Phytochemical, Pharmacognostic and Nutritional characterisation of the Panax species (Araliaceae) from the Eastern Himalayan Region, India for Addressing Medicinal, Trade and Regional Livelihood Security Issues	DBT Twinning	BT	Dr. Pallabi Kalita Hui	2017-2020	47.47	Ongoing
9	Study on Some Thin Film Coating Flow Problems Using Nanoliquid	CSIR	Mathematics Division, Department of BAS	Dr. Susanta Maity	2017-2020	16.78455	ongoing
10	Analytical and Numerical Investigation of Unsteady Thin Film Flow over a Porous Stretching Surface	DST (SERB)	Mathematics Division, Department of BAS	Dr.Susanta Maity	2017-2020	6.0404	Ongoing
11	Synthesis of Triazolopyrimidine-based iridium (III) complexes: Application to the Fabrication of OLEDs	SERB, Govt. of India	BAS(P hysics)	Dr. Tushar Dhabal Das	2018-2021	50.92	Ongoing

12	Subsurface profiling of landslide prone zone Itanagar	SERB DST	CE	Dr J Taipodia	2018-2021	49.07	Ongoing
13	Development of DNA Aptamer/peptide based Dengue virus Paper based diagnostic kit	ICMR	BT	Dr. Saikat K Jana	2018-2020	19.55	Ongoing
14	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	BT	Dr. Saikat K Jana	2018-2021	48.9088	Ongoing
15	Use of high percentage of Methanol fuel in a Diesel Engine	CSIR	Mechanical Engineering	PI: Dr. Dipak Sen; Co-PI: Dr. S K Mandal & Prof. Asis Giri	2019-2022	17.59	Ongoing
16	Integration of Variable Frequency Clock and Gated Clock Tree to Mitigate Power Supply Noise in Multi- core CPU	SERB, Govt. of India	ECE	Dr. Alak Majumder	2020-2023	38.88082	Ongoing
17	Non-linear plasma wave dynamics in unbounded planar or bounded planar geometry	CSIR	Mathematics Division, Dept. of BAS	Dr. Debjit Dutta	2020-2023	14.28	Ongoing
18	Insight into Putative Insulinase PF11_0189 in correlation to hyperglycemia during severe malaria.	SERB	BT	Dr. Kimjolly Lhouvum	2020-2023	39.8	Ongoing
19	Investigation of Micro Hydro and Wind Power off-grid Integrated System using Electronic Load Controller with Pump Storage as a Dump Load for Rural Area	SERB (DST)	EE	Dr Rajen Pudur	2020-2023	35	Ongoing
20	Fluconazole Functionalized Zinc Oxide Nanobiocomposite: Processing and Bioengineering Applications	CSIR, New Delhi	Chemistry	PI: Dr. Nabakumar Pramanik, Co-PI: Dr. A. K. Atta	2020-2023	18.88	Approved
21	Development of Automatic Speech Recognition (ASR) System in Arunachali Native Language - Nyishi	SERB DST	ECE	PI: Dr. Yang Saring Co-PI: Dr. Biri Arun	2020-2023	23.21	Ongoing
22	Development of an automatic dialect identification (ADI) system for a low resourced, native Arunachali spoken language-Nyishi	SEED(DST), Govt. of India	ECE	PI: Dr. Yang Saring Co-PI: Dr. Biri Arun	2020-2023	28.66	Ongoing
23	Centre for skill development in Appropriate Technology	NECTAR (DST)	Institute	PI : Prof. P.Mahanta	2020-2025	1400	Ongoing
24	A Study On P-graphoidal Graph	DST	Math	Dr. KRS	2016-2019	4.67	Ongoing

25	Design and synthesis of sugar-based water compatible fluorometric anion receptors: Cell imaging studies and DFT calculations	CSIR	Chemistry	DR. A Atta	2021-23	5.72	Ongoing
26	Machine translation of nyishi english pair and translation of ECCE syllabus to low resource nishi language	DST	CSE	Dr. Koj Sambyo	2021-23	30.208	Ongoing
27	Disaster Monitoring and Management Using Multi-Copter Technology	DST	ME	Dr. Prases Kumar Mohanty	2021-23	28.47907	Ongoing
28	Engineered Bamboo Biochar-A Solution for Waste Water treatment and Bamboo Waste Management	SERB	CE	Dr.Nabam Rich	2022-2024	48.14832	Ongoing
29	HPV ASSOCIATED CERVICAL CANCER EARLY SCREENING KIT DEVELOPMENT	DBT	BT	DsR. SAIKAT Jana	2022-2024	31.368	Ongoing
30	Smart Helmet with early Warning System using GSM and GPS Module	DST	ECE	Dr. Yaka Bulo	2022-2024	28.0265	Ongoing
31	Digitization and Preservation for low resources Tawra language of Arunachal Pradesh and machine translation	Serb	CSE	Dr. Koj Sambyo	2022-2024	29.98988	Ongoing
32	Seismic Microzonation of Capital Complex (Itanagar region)	PWD AP	CE	Dr J Taipodia	2022-2024	23.94069	Ongoing
33	Smart underwater Monitoring System	IIT, GHY	ECE	Dr S. Roy	2022-2024	10.00	Ongoing
34	Analysis and development of computational intelligence based navigational strategies for an underwater robotic vehicle	IIT, GHY	ME	Dr. Prases Kumar Mohanty	2022-2024	9.00	Ongoing
35	Evaluation of Biochemical, pharmacological characterization of preclinical purity, safety and potency of paris polyphylla, an ethnomedicinal plant from Arunachal Himalayas against breast cancer.	DST SERB	BT	Dr. Pallabi Kalita Hui	2022-2024	47.4733	Ongoing

2.4. Consultancy Project Details

Session: 2018-19

Sl. No.	Title of Consultancy Project	Client/ Organization	Name of Faculty	Amount (in Rs.)
1	Proof-checking of bridge Construction	M/S Powergen Technical Services PVT LTD.	Dr. M. Mallik	35400.00
2	Proof checking of structural design and construction methodology	CPWD, Itanagar	Dr. M. Mallik	1862040.00
3	consultancy services for authority engineering for the project of two lane of potin-pangin section of NH -13	M/S MSV Site .	Dr. Jumrik Taipodia	123310.00

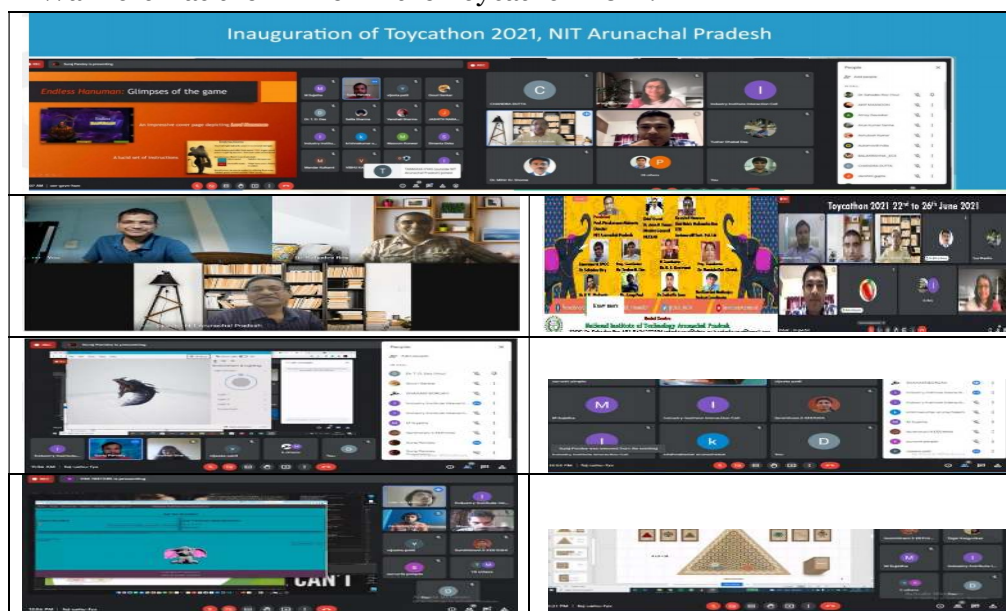
2.5. IPR

Sl. No.	File Number	Date of Filing	Status	Title	Inventors
1	202131017804	16/04/21	_(10/01/21)	A Process for Isolation and Yield Increase of Flavonoid Compound/Quercetin from Plant Houttuynia Cordata Thunb by UV-B Exposure	Pallabi Kalita Hui et. al
2	202141039512 A	01/09/21	P (24/9/2021)/	Machine Learning based System for Emotion Recognitions	S K Chakraborty et. al
3	202141042379 A	19/09/21	P (01/10/2021)/	An Image Processing and Deep Learning Based System for Advertisement	S K Chakraborty et. al
4	2021102838	25/05/21	G (30/06/21)	Self-Aware Continual Pose Estimator in Act Video Recording and	S K Chakraborty et. al

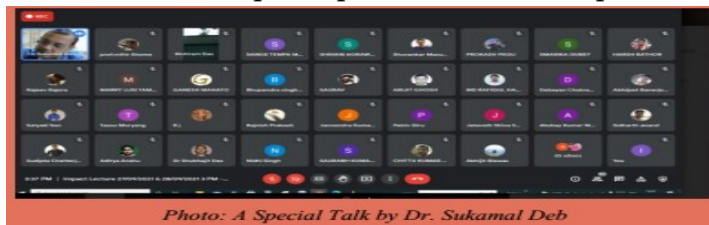
				Animations	
5	2021102601	01/06/21	G (28/07/21)	Foot-Operated Seed and Leaves Pulverizer using Automated Thrust Control	S K Chakraborty et. al
6	G16H50/20	07/01/22		An Artificial Intelligence based System for Breast Cancer Detection	S K Chakraborty et. al
7	202131014785	31/03/21	G (25/07/22)	Anaerobic Digester Membrane Electrode Assembly (AD-MEA) System for Producing Enriched Biogas and Electricity	P Mahanta et. al

2.7 IIC/Start-up/Innovation Cell Activities

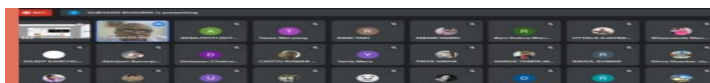
1. “Toycathon 2021” was organized by Dr. Sahadev Roy, Assistant Professor, Dept. of ECE, as a Convenor, and Dr. T. D. Das, Assistant Professor, Dept. of BAS as a coordinator NITAP, 22-24 June, 2021. 21 teams participated in the event. Dr. Arun Kumar Sarma, Director General, North East Centre for Technology Application and Reach (NECTAR) and Mridu Mahendra Das, CEO Automovill Tech. Pvt. Ltd, were chief guests for the programme. The team Mighty Warriors was the winner in the Toycathon 2021.



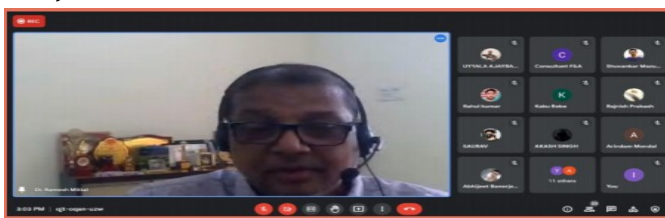
- [Empty Box]
2. Dr. Moirangthem Momocha Singh, Assistant Professor, Dept. of M&H, along with IIC/startup cell NIT Arunachal Pradesh organized “World Entrepreneurs Day with the presence of Dr.Rohit Swarup recipients of National award Shiksha Bharti Puruskar & Indian leadership award for educational excellence on his topic Design driven innovation for faculties of NIT Arunachal Pradesh, 21 August 2021.
 3. A special session on "An Idea to Creating a Product" by Mr. Amiya Kumar Samantaray, Founder & CEO of Diatoms was organized by Dr. Sahadev Roy, Coordinator, IIC/startup cell NITAP, 23 August, 2021.
 4. Dr. Moirangthem Momocha Singh, Assistant Professor, Dept. of M&H, Dr. Shubhajit Das, Assistant Professor, Dept. of ME, and Dr. Brajagopal Datta, Assistant Professor, Dept. of EE completed Innovation Ambassador Training 2021 (Foundation Level) organized by MIC, MoE, Govt. of India.
 5. Dr. S. K. Jana, Assistant Professor, Dept. of BT, Dr. Sahadev Roy, Assistant Professor, Dept. of ECE, and Dr. T. D. Das, Assistant Professor, Dept. of BAS, completed Innovation Ambassador Training 2021 (Advanced Level) organized by MIC, MoE, Govt. of India.
 6. An Impact Lecture of the Institution’s Innovation Council (IIC) on "Startup and Innovation” conducted by Dr. Sahadev Roy, the Coordinator, IIC & Startup Cell NITAP sponsored by MIC Innovation Cell, 27 September 2021. Dr. Sukamal Deb, Dy. Chief 22 Executive Officer, NEZ, In-charge, Khadi & Village Industries Commission (KVIC), Ministry of MSME, Govt. of India was the Chief Guest. A total of 87 participants attended the special talk.



7. An Impact Lecture of the Institution’s Innovation Council (IIC) on "Startup and Innovation” conducted by Dr. Sahadev Roy, the Coordinator, IIC & Startup Cell NITAP sponsored by MIC Innovation Cell, 28 September 2021. Prof. Subhasis Bhaumik, Dean, Research & Consultancy, IIC President IEST Shibpur, Faculty & Head, Centre for Industrial Extension and Consultancy was the Chief Guest. Title of the talk: Innovation, Incubation, Entrepreneurship and Start-Up Activities at Higher Education Institutions.



8. An Impact Lecture of the Institution's Innovation Council (IIC) on "Startup and Innovation" conducted by Dr. Sahadev Roy, the Coordinator, IIC & Startup Cell NITAP sponsored by MIC Innovation Cell, 28 September 2021. Dr. Ramesh Mittal, Director, CCS National Institute of Agricultural Marketing (CCS NIAM) was the Chief Guest.



9. Institutions' Innovation Council, NIT Arunachal Pradesh was rated as 3.5* out of 4* by the Ministry of Innovation Council Govt. of India.
10. Coffee Break Saturday Session: Startup Story Session was organized by the Institutions' Innovation Council NIT Arunachal Pradesh and Coordinated by Dr. Sahadev Roy, Faculty-in-Charge Startup Cell NIT Arunachal Pradesh on 18 Dec 2021. The chief guest was Mr. Prasanna Kidambi, Founder & Chief Innovation Officer Hoovi & Tea Tribe.
11. National Energy Conservation Day: Quiz Competition was to celebrate National Energy Conservation Day organized by Dr. Sahadev Roy and Dr. T. D. Das and Judged by Dr. Abir J Mondal and Dr. Anup Pal, 14 December, 2021.
12. Prof Ashok Kr Sharma, Former Director, Jaipur University Center for Entrepreneurship Development delivered lecture on Design Thinking, 24th February 2022.



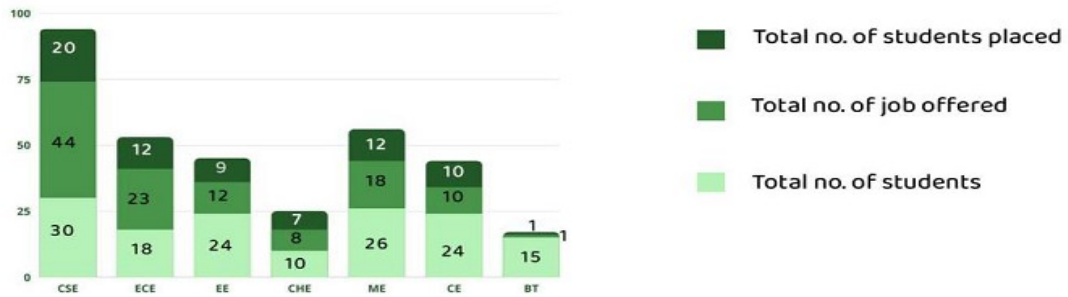
13. Dr. Sahadev Roy, Assistant Professor, Department of Electronics and Communication Engineering, organized TePP Outreach cum Cluster Innovation Centre at IIT Guwahati, Expert Prof. Sukhomay Pal, Coordinator, TOCIC IIT Guwahati in association with NIT Arunachal Pradesh, Jote, Arunachal Pradesh, on 25th March 2022. Winner of DSIRPRISM Scheme and Startup & Entrepreneurship Developments Competition were JACINTA JYRWA (Cash Award Rs. 3000.00), Aditya Roy (Cash Award Rs. 2000.00), and Jnaneswar Rama Santosh Kalluri (Cash Award Rs. 1000.00).

3. TRAINING & PLACEMENT

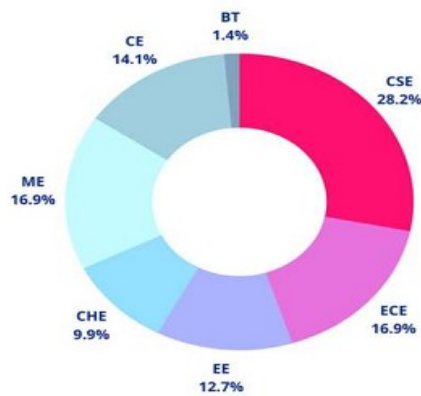
PLACEMENT RECORD FOR THE ACADEMIC YEAR 2021-22 (Overall)

PLACEMENT RECORD FOR THE YEAR 2021-2022

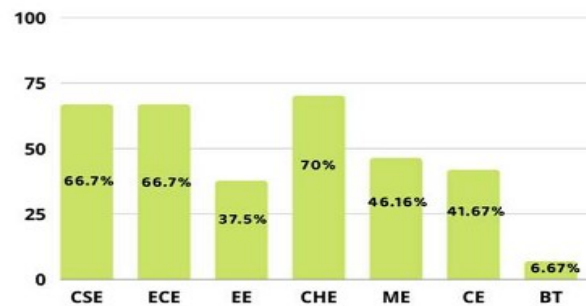
Total no. of students	147
Total no. students of appeared for interview	124
Total no. of students placed	71
Total no. of job offered	116
Percentage of Placements	48.3
Percentage of job offered	78.92



PLACEMENT PERCENTAGE



STUDENT DISTRIBUTION



BRANCH WISE PLACEMENT PERCENTAGE

Name of the student	Department	Company	
Anish Kumar Nirala	CSE	Tredance	
Shubham Das	CSE	Virtusa ,LTI	
Amit Yadav	CSE	Robomq	

Manikant Kumar	CSE	Robomq	
Shubham Singh	CSE	Tredance	
Ibheru Singh Chaudhary	Civil	Pie Infocomm	
Kurakula Anusha	Biotech	Pie Infocomm	
Suraj Das	Biotech	Pie Infocomm	
Rajnikant Kumar	Mechanical	Pie Infocomm	
PadumSoni	Mechanical	Pie Infocomm	
Rajeev Kumar Thakur	Chemical	Pie Infocomm	

Sarthak Gupta	CSE	Tredance , Cogoport	
Dhiren Sorathiya	CSE	Brillio,LTI,Virtusa	
Pallabi Roy	ECE	Cogoport	
Mohit Kumar	ECE	Virtusa	
Sunil Yadav	Civil	L&T	
Suchitra Kumar Mandal	Mechanical	L&T	
Amanillah Mansuri	Chemical	CGI	

 Anurag Rajpat Dept. of ME Placed at:- Vedanta	 Ujjawal Kumar Dept. of ME Placed at:- Vedanta	 Pradumn Soni Dept. of ME Placed at:- Vedanta
 Pooja Dept. of ME Placed at:- Vedanta	 Subhanshu Kumar Dept. of ME Placed at:- Vedanta	 Kannon Prayam Dept. of ME Placed at:- Vedanta
 Pranjan Koo Dept. of ME Placed at:- Vedanta	 Hrudh Bhaargav Dept. of ME Placed at:- CGI	 Anant Kumar Dept. of ME Placed at:- Adiant
 Anurag Anand Dept. of CSE Placed at:- Vedanta	 Chandra Mohan Murmu Dept. of CSE Placed at:- Vedanta	 Raj Ranjan Gupta Dept. of EE Placed at:- Vedanta
 Akash Dept. of EE Placed at:- Vedanta	 Sushant Mishra Dept. of EE Placed at:- Vedanta	 Sagar Chaudhary Dept. of EE Placed at:- Vedanta

 Sunil Yadav Dept. of CE Placed at:-L&T	 Aditya Pandey Dept. of CE Placed at:-L&T	 Ranjan Kumar Dept. of CHE Placed at:- Vedanta
 Manish Kumar Singh Dept. of CHE Placed at:- Vedanta	 Shubankit Dept. of CHE Placed at:- Vedanta	 Rajeev Kumar Thakur Dept. of CHE Placed at:- Vedanta
 Sagar Kumar Dept. of CHE Placed at:- Vedanta	 Sachin Kumar Thakur Dept. of CHE Placed at:- Vedanta	 Nagavath Aravind Dept. of CSE Placed at:- Vedanta

The following students have been provisionally selected for the post of Probationary Engineer (E-II) at Bharat Electronics Limited (BEL):



**Sugguna M Krishna
(ECE/18/01)**



**Chikka Mallika
(ECE/18/11)**



**Aseesh Bheesetti
(ECE/18/13)**



Amit Yadav (CSE/18/18)



**Manikant Kumar
(CSE/18/23)**

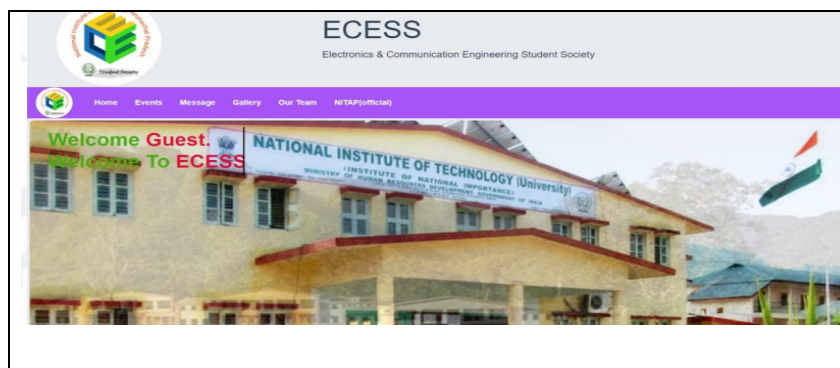


**TechiTakar
(CSE/18/03)**

4. Students' and Outreach Activities

Student Activities and Institute Celebration

1. ECE Student Society: ECE Student society webpage was inaugurated on June 28 by Prof. Pinakeswar Mahanta, Director, NITAP. Webpage: <https://ecess.herokuapp.com> .



2. The International Day of Yoga (IDY) was celebrated with thematic message of “Be With Yoga Be At Home” Virtually on 21st June, 2021 in NIT Arunachal Pradesh. Faculty members, staff and students with their family members participated in the 45 minutes Common Yoga Protocol (CYP) in their home. On the occasion of International Day of Yoga (IDY), a Yoga session on 21/06/2021 from 10 AM to 11 AM was organized by Dr. Ram Prakash Sharma, Associate Professor, Dept. of ME through virtual mode and conducted by Mr. Mahendra Singh Rao, Yoga Guru, Gurukul Yoga Sansthan, Jaipur. Faculty members, officers, staff and students of NIT Arunachal Pradesh and also members from other Institutes like – Dhemaji Polytechnic, ITI – Yupia, other NITs from North-East, Universities etc. participated on Yoga session through online mode.



Photo: International Day of Yoga Celebration

3. NITAP observed Anti-terrorism Day on 21 May, 2021. During the event, the anti-terrorism pledge was taken against any form of terrorism activities.



4. **75th Independence Day Celebration:** 75th Independence Day was celebrated at Permanent Campus Jote, NITAP. Prof. Pinakeswar Mahanta, Director, NITAP hoisted flag and delivered a special talk on 75th Independence Day

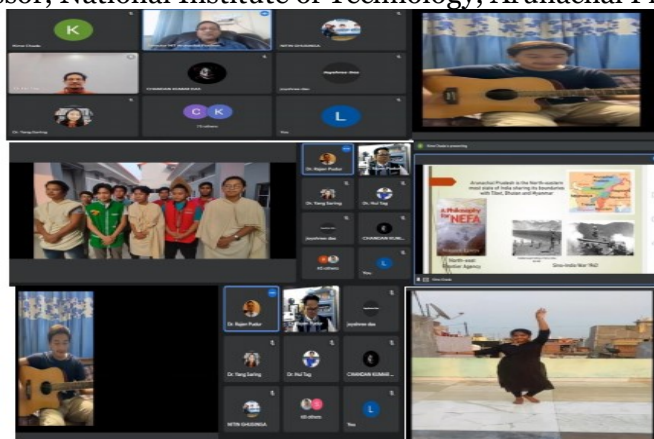


5. Dr. Rajen Pudur & Shri Nabam Talar, Ambassadors of Tobacco Free Campus organized Pledging Taking Event (online) for World No Tobacco Day, 31 May, 2021.
6. Dr. M. M. Singh, Nodal Officer, Outreach Team organised the celebration of world environment day on 5th June 2021 for NIT Arunachal Pradesh online. Dr Achyuth Sarkar, NCC Coordinator Guided the NCC Cadets. NCC Cadets has plugged sapling at household area on this promising day.



Photo: World Environment Day 2021

7. Faculty members/Staff/Officers of NITAP donated one-day salary of June to Prime Minister Cares Fund to provide relief to the affected due to distress situation caused by the COVID-19
Photo: International Day of Yoga Celebration.
8. Under mentorship of Dr. Moirangthem Momocha Singh, Assistant Professor, Dept. of M&H, NITAP, a team from Advance Public School Moirang Manipur State on the project titled Ultrasonic security system (<https://youtu.be/7SXYiIF9yKQ>) lead by Hemam Deevoraj, Priyanshu Oinam, Birojeet Salam got selected at top 300 ATL Marathon 2020 by AIM-NITI Aayong New Delhi during ATL Tinkerpreneur Summer Boot Camp 2021/9 week from 31st May to 1st August 2021.
9. Under mentorship of Dr. Moirangthem Momocha Singh, Assistant Professor NIT Arunachal Pradesh, Mr. Udbhas Pal from Ramakrishna Mission Vidyalaya Tripura's project on Innovate to develop an effective and integrated healthcare systems got selected ATL Marathon 2020- Top 10 teams per state by AIM-NITI Aayong New Delhi during ATL Tinkerpreneur Summer Boot Camp 2021/9 week from 31st May to 1st August 2021.
10. . Hindi Pakhwada program was organized by Dr. Ram Prakash Sharma, Associate Professor, Dept. of ME. Speaker: Prof. Ananta Kumar Nath, Former Professor and Head, Department of Hindi, Central University Tezpur (Assam), Time: 6:00 to 7:00 Pm (online mode).
11. 36th Statehood Day of Arunachal Pradesh was celebrated on 20th February, 2022. Prof. Hui Tag, Rajiv Gandhi University, Arunachal Pradesh delivered a keynote address on the topic "Science and Societal Transformation in Arunachal Pradesh" in the presence of Prof. Pinakeswar Mahanta, Director, NITAP. Folk songs and dance and presentation about Arunachal Pradesh were performed by students of NITAP. The event was organized by Dr. Ram Prakash Sharma, Associate Professor, Dr. Rajen Pudur, Assistant Professor and Dr. Yang Saring, Assistant Professor, National Institute of Technology, Arunachal Pradesh.



12. Republic Day Celebration 2022:

The 73rd Republic Day on 26th January 2022, was celebrated at NITAP, Yupia. Prof. Pinakeswar Mahanta, Director, NITAP hoisted National Flag and delivered Republic Day speech.

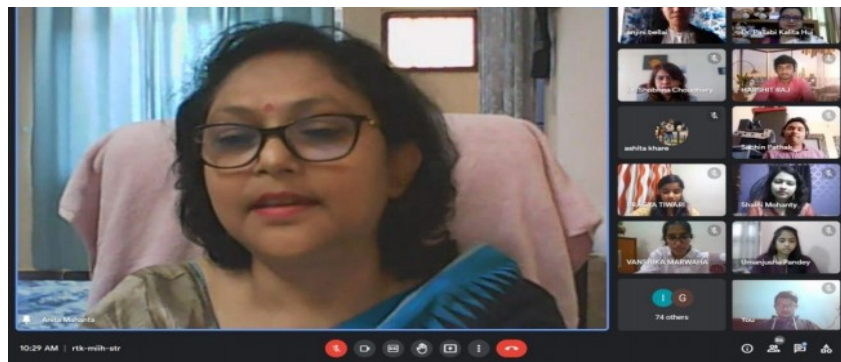


Photo: Republic Day Celebration 2022 at NITAP

13. Celebration of Saraswati Puja:



14. Celebration of International Women's Day: Dr. Ram Prakash Sharma, and Dr. Pallavi Kalita Hui, organized National Seminar to celebrate “International Women's Day” under the umbrella of Gandhi Study Centre NITAP on the occasion of 75 Azadi ka Amrit Mahotsav (75th Anniversary of Independence) on 8th March 2022.



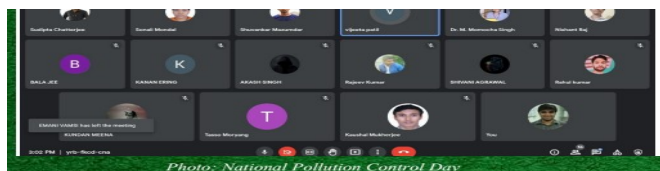
15. Dr. Ram Prakash Sharma, Dr. Shubhajt Das, and Dr. Preetisudha Meher, organized National Seminar in the Azadi Ke Amrit Mahotsav (75th

Anniversary of Independence) Celebration of National Science Day Under the Umbrella of Gandhi Study Centre, National Institute of Technology, Arunachal Pradesh on 28th February 2022. 200 students from Kendriya Vidyalaya NERIST, Kendriya Vidyalaya Naharlagun, Kendriya Vidyalaya I Itanagar, Kendriya Vidyalaya II, Arunodaya Government School Itanagar, Higher secondary School Jote, Rajiv Gandhi Government Polytechnic Itanagar were participated. Prof. Chandrasekharan, NERIST and Prof. Hui Tag, RGU with internal Expert from NIT Arunachal Pradesh Prof. SN Deepa judged the exhibition and delivered the special lectures.



Photo: Winners of science exhibition, National Science Day

16. National Pollution Control Day: National Pollution Control Day organized by the Institutions" Innovation Council NIT Arunachal Pradesh and Coordinated by Dr. Sahadev Roy, Faculty-in-Charge Startup Cell NIT Arunachal Pradesh. Mrs.Vijeeta Patil, (Social Worker) delivered an expert talk.



17. Dr. Ram Prakash Sharma, Dr. Koj Sambyo, and Dr. Preetisudha Meher, organized National Seminar in the Azadi Ke Amrit Mahotsav (75th Anniversary of Independence) Celebration of Matrabhasha Diwas Under the Umbrella of Gandhi Study Centre, NITAP, in Collaboration with Bharatiya Shikshan Mandal Arunachal Prant on 19th February 2022.
18. Dr. Ram Prakash Sharma, and Dr. Koj Sambyo, organized National Seminar in the Azadi Ke Amrit Mahotsav (75th Anniversary of Independence) Celebration of 392nd Birth Anniversary of Chhatrapati Shivaji Maharaj Under the Umbrella of Gandhi Study Centre, NITAP, National Seminar on Shiv Jayanti in Collaboration with Bharatiya Shikshan Mandal Arunachal Prant on 19th February 2022.
19. Dr. Ram Prakash Sharma, and Dr. Preetisudha Mehar, Organized National Seminar On “Nightingale of India Sarojini Naidu” in the Azadi Ke Amrit Mahotsav (75th Anniversary of Independence) Celebration of 143rd Birth Anniversary of Sarojini Naidu Under the Umbrella of Gandhi Study Centre, NITAP, on 13th February 2022.
20. Dr. Ram Prakash Sharma, and Dr. Pallavi Kalita Hui, organized National Seminar on “Role of Women and Girls In Science” in the Azadi Ke Amrit Mahotsav (75th Anniversary of Independence) Celebration of International Day of Women and Girls in Science Under the Umbrella of Gandhi Study Centre, NITAP on 11th February 2022.
21. Dr. Ram Prakash Sharma, Department of Mechanical Engineering, National Institute of Technology Arunachal Pradesh organized the celebration of Azadi Ke Amrit Mahotsav (75th Anniversary of Independence) E-Dialogue on Gandhi Ji’s Hind Swaraj Organized by Gandhi Smriti and Darshan Samiti, New Delhi In association with National Institute of Technology, Arunachal Pradesh on 09th February, 2022.
22. Dr. Ram Prakash Sharma, and Dr. Preetisudha Mehar, organized the celebration of the Azadi Ke Amrit Mahotsav (75th Anniversary of Independence), 125th Birth Anniversary of Netaji Subhas Chandra Bose National Seminar on Subhas Ke Mahatma, in presence of Prof. Pinakeswar Mahanta, Director, National Institute of Technology, Arunachal Pradesh in Collaboration with Gandhi Smriti and Darshan Samiti and Sangyartham Research Foundation on 23rd January 2022.
23. Dr. Ram Prakash Sharma, Department of Mechanical Engineering organized the celebration of the Azadi Ke Amrit Mahotsav (75th Anniversary of Independence), 159th birth anniversary of Swami Vivekananda National Seminar on Youth Festival in presence of Prof. Pinakeswar Mahanta, Director, National Institute of Technology, Arunachal Pradesh in Collaboration with Gandhi Smriti and Darshan Samiti and Bharatiya Shikshan Mandal Yuva Ayam Arunachal Prant on 28th January 2022.

24. Dr. Ram Prakash Sharma, Department of Mechanical Engineering during the celebration of the Azadi Ke Amrit Mahotsav (75th Anniversary of Independence), 74th Mahatma Gandhi Punyatithi National Seminar on Commemorating the 74th Punya Tithi of Mahatma Gandhi Organized by National Institute of Technology, Arunachal Pradesh in Collaboration with Gandhi Smriti and Darshan Samiti and Sangyartham Research Foundation on 30th January 2022.

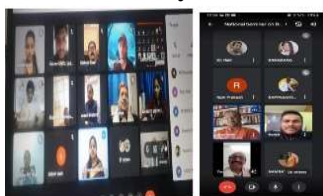


Photo: Celebration of Mairathasha Divas & Celebration of 392nd Birth Anniversary of Chhatrapati Shivaji Maharaj

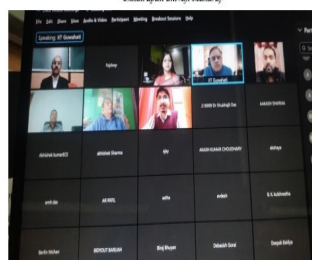
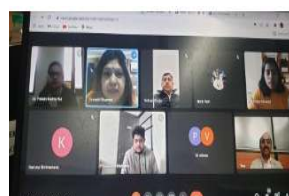


Photo: Celebration of 125th Birth Anniversary of Netaji Subhas Chandra

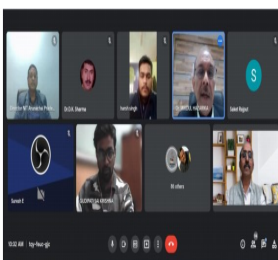


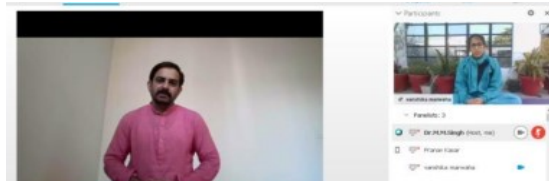
Photo: Celebration of Youth Festival



Photo: Celebration of 74th Mahatma Gandhi Punyatithi

25 DAY INDUCTION PROGRAM

National Institute of Technology Arunachal Pradesh organized 25 DAY ONLINE INDUCTION PROGRAM FOR FIRST YEAR B.TECH 21 BATCH for 343 students from 13th December 2021 to 6th January 2022 in three phases i.e. Initial phase, Regular phase and Closing phase. Initial phases were started with National Induction program an interactive session with Sri Sri Ravi Shankarji for shaping future and progress in life along with inauguration program Institute/departmental orientation program, and then regular phase started from 15th December 2021 with many sessions and activities of different field of domain. During the 25 day induction program, there were 33 experts (16 external experts and 17 internal experts). Activities such as 15 days of yoga along with motivational/leadership/inspirational/entrepreneurship/personal branding/startup story/success story/sports and games/ physical fitness/time management/installing responsibilities/ice braking/stress management/goal setting/mental well being/communication skills testing etc were also conducted during the regular phase of 25 Day induction program.



Photos: Various activities of Induction Programme

Unnat Bharat Abhiyan (UBA)

- a) Faculty Members of NITAP are taking classes at Govt. Secondary School Jote under school adoption program of Unnat Bharat Abhiyan (UBA).



Photo: NITAP Faculty Members at Govt. Secondary School Jote

b) Water quality Testing

Under UBA 2020-21 program, water quality testing of drinking water from adopted village has been done regularly by periodical collection of drinking water from different sources of adopted village.



Photos: Water quality testing

c) Construction of water intake structure for yadan village (adopted village under UBA)

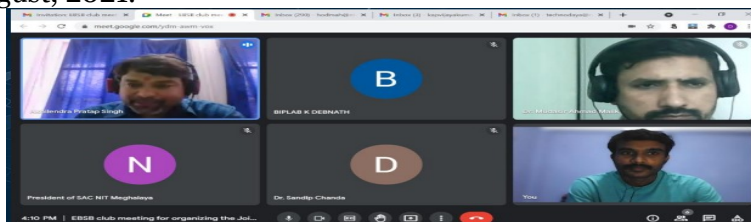
The villagers of Yadan village faces water scarcity during the lean period as the source of drinking water is a non-perennial stream which tend to dry out before reaching the intake point (old). Working on the report given by villagers the Unnat Bharat Abhiyan Team of NIT, Arunachal Pradesh went for preliminary survey to locate the feasible spot to construct a water intake structure. UBA NIT, AP was able to construct a very innovative, effective and affordable intake structure which will solve the real time problem of water scarcity in the winter season in Yadan village. This system also solves the problem of possible pollution causing infection and turbidity as new pipe line is laid from source to storage tank which prevent any external disturbance.



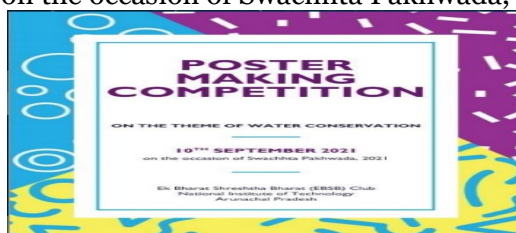
Photos: Image of Water intake storage built by NIT AP at Yadan village

EBSB Cell:

1. An interactive session cum meeting was organized with NIT, Meghalaya, GKCIET Malda, and MNNIT Allahabad to discuss about the Calendar Activities of 2021-2022, 27 August, 2021.



2. Ek Bharat Shrestha Bharat (EBSB) Club, NIT Arunachal Pradesh will conduct Online Poster Making Competition on the theme of Water Conservation on 10th September 2021 on the occasion of Swachhta Pakhwada, 2021.



3. Shivani Agarval (CSE/20//20/6), NIT AP won the first prize in the poster competition on the theme “India's Sports Heritage” organized by the Ek Bharat Shreshtha Bharat Club (EBSB) of Ghani Khan Choudhury Institute of Engineering and Technology (GKCIET) Malda in Association with NIT Meghalaya and NIT Arunachal Pradesh on 25th September, 2021.



4. Online Poster Making Competition was organized on 10th September 2021, on the occasion of Swachhta Pakhwada, 2021 by Dr. K. Vijayakumar, coordinator, EBSB Cell, NIT Arunachal Pradesh. The winners of Online Poster Making Competition are: First Prize Kumar Arijit Mishra Dav Public School Unit-8, Bhubaneswar, Odisha Second Prize Salik Ahmad NIT Meghalaya Third Prize B. Dona Kendriya Vidyalaya No.1 Naharlagun

First Prize	Kumar Arijit Mishra Dav Public School Unit-8, Bhubaneswar, Odisha
Second Prize	Salik Ahmad NIT Meghalaya
Third Prize	B. Dona Kendriya Vidyalaya No.1 Naharlagun

5. Shweta Rai and Kime Chada, The Impact team received the first prize and Ritika Sinha and Ashi Chhabra, Listen up Team received the second prize. Ashi Chhabra and Kime Chada received first and second prizes respectively for the individual speakers' award categories in Inter-Institute Debate Competition, organized by Ek Bharat Shreshtha Bharat Club, NIT Meghalaya in Association with Ghani Khan Choudhury Institute of Engineering and Technology (GKCIET), Malda and NIT Arunachal Pradesh on 30 October, 2021.



6. Painting Competition on the theme “Traditional Dresses of North East India” was organized by Dr. K. Vijayakumar, coordinator, EBSB Cell, NIT Arunachal Pradesh in association with EBSB Club, Ghani Khan Choudhury Institute of Engineering and Technology (GKCIET) Malda and EBSB Club, NIT Meghalaya, 04 December, 2021



7. Slogan Writing Competition on the theme “Multilingual Context in India” was organized by Dr. K. Vijayakumar, coordinator, EBSB Cell, NIT Arunachal Pradesh in association with EBSB Club, Ghani Khan Choudhury Institute of Engineering and Technology (GKCIET) Malda and EBSB Club, NIT Meghalaya, 21 February, 2022.



NCC Cell:

1. Quiz Competition was organized by Dr. Achyuth Sarkar, NCC Coordinator, NITAP on the theme 'New India@75', in collaboration with AIDS Control Society (APSACS) Under Govt. of Arunachal Pradesh, 15 Aug 2021. 51 students participated in the competition. The winners are:

Name	Roll.No	Department	Photo	position
Priya Sinha	CSE/20/35	CSE		1st
Ayush Raj	CE/20/16	CE		2 nd Runner up
Harsh Pathak	CSE/20/28	CSE		3 rd Runner up

Photo: Winners of Quiz Competition

2. Cadet Shantanu Banerjee was awarded 'The Best Cadet' in national level of SNIC (EBSB) Camp, which was organized by Jammu Kashmir and Ladakh Directorate, NCC, 19- 24 April 2021.
3. NCC-C Certificate Examination for the Training Year 2021 which was held at Itanagar, 19 September 2021.



4. The training- camp held from 1st - 6 th February 2022 at Rajiv Gandhi Government Polytechnic, Itanagar. Cadets from NIT Arunachal Pradesh attended NCC camp for the first time but all cadets actively participated in all the events, major competitions and cultural programs. Following are the list: Group song, Group dance, Anchoring, Sports (50 metre race), Drill competition, Firing competition. In 50 metres race– Sangklee Sidisow (2nd year Computer Science Engineering) secured 3rd position and in Anchoring Kime Chada (3rd year Mechanical Engineering) got 1st position. From National Institute of Technology Arunachal Pradesh 16 Cadets (10 boys and 6 girls) participated with Dr. Preetisudha Meher, CTO, Assistant Professor (ECE), NIT Arunachal Pradesh.



Photo: NCC Camp at Itanag



Program Related to National Education Policy (NEP-2020)

1. NITAP organized online symposium to discuss and formulate a conceptual framework (short term plans and long term plans) regarding the implementation of NEP 2020 in NITAP curriculum. All Deans, HoDs and Faculty Members were participated. The meeting was presided over by Prof. Pinakeswar Mahanta, Director, NITAP, 24 May, 2021. Before the symposium, Prof. Pinakeswar Mahanta, Director, NITAP had a meeting with Honorable Minister of Education and

Honorable State Minister with Directors of IITs/NITs/IIITs on implementation of NEP, 20 May, 2021.



2. **4th Popular Lecture Series:** One day international webinar on “National Education Policy 2020: Special Reference Academic Credit Bank System”, delivered by Padma Shri Prof. Dinesh Singh, Professor of Mathematics and Former Vice Chancellor, Delhi University, organized by Dr. Ram Prakash Sharma, Associate Professor, Dept. of ME, NITAP, 08 August, 2021

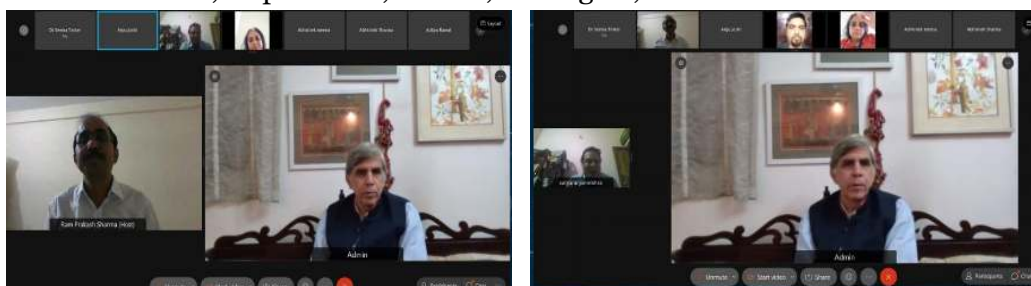


Photo: 4th Popular Lecture Series

3. Discussion on designing Demand Driven Course (DDC): Discussion on Designing Demand Driven Course (DDC) was held on 28 July 2021.



4. One day international webinar on “National Education Policy 2020: Special Reference Academic Credit Bank System”, delivered by Padma Shri Prof. Dinesh Singh, Professor of Mathematics and Former Vice Chancellor, Delhi University, organized by Dr. Ram Prakash Sharma, Associate Professor, Dept. of ME, NITAP, 08 August, 2021.

Alumni Association:

The 3rd session of NITAP Alumni Association Club meet, greet and learn was held on 3rd October 2021, Sunday at 8:00 pm. Topic for the session was "Abroad studies and career Opportunities after B.Tech". The speakers for the talk session were:

- Himanshu Pillai, staff Engineer at Pacific Biosciences, HPC & Backend Development at MSBAI, University of California, Colorado, United States.
- Rohith Babu Batthineni, Masters in Electrical and computer Engineering at Technical University of Kaiserslautern, Germany



Photo: 3rd Alumni Interactive Session

- The 4th session of NITAP Alumni Association Club meet, greet and learn was held on 23rd October 2021, at 7:00 pm. Under this, Arvind Bishnoi has given the talk on "How to prepare for Engineering services exam and other exams related to ISRO, BARC and DRDO". He has shared his experiences and insights about engineering services exam, civil services exam, GATE, ICRB and BARC exam in the first half of the session.



Photo: 4th Alumni Interactive Session

Achievement of our Alumni

- Simhambhatla Susmitha Priyanka got selected in both TU Ilmenau in Micro and Nanotechnology and Saarland University in Embedded systems, Germany.
- Dr. Sanjit Ningthoujam has received the appointment letter for faculty position as Assistant Professor Grade-II, School of Computing from IIIT UNA (HP).

- 🏆 Dr. Parashjyoti Borah has received the appointment letter for the faculty position as Assistant Professor Grade-II, School of Computing from IIIT UNA (HP).
- 🏆 Dr. Umesh Gupta has joined as Assistant Professor, Department of CSE, Bennett University, India
- 🏆 Mr. Barenya Bikash Hazarika has joined as Assistant Professor, Department of CSE, Koneru Lakshmaiah Education Foundation, Vaddeswaram, Andhra Pradesh, India.
- 🏆 Dr. Sayan Sikder has joined as Associate Professor, Department of CSE, University of Engineering and Management, Kolkata, India
- 🏆 Mr. Arvind Bishnoi, Dept. of ECE (2012-2016), scored 57th Rank in UPSC Engineering Service Examination.

PG (2019-21) Batch joined for higher studies

S. No	Name of the Student	Institute name	Current Designation
1	ARPAN PHUKAN	IIT Patna	PhD Scholar
2	SIMANTA DAS	IIIT Guwahati	PhD scholar
3	ABHJEET TEWARY	IMT Ghaziabad	FPM Scholar
4	HENAKSHI DAS	IIT Bhubaneswar	Junior Research Fellow
5	AJAY YADAV	National Institute of Technology, Jamshedpur	PhD Scholar
6	BALBEER SINGH	IIT Kharagpur	PhD scholar
7	BHIKTOR MANI SEN	NIT Arunachal Pradesh	PhD Scholar
8	HIRENSH MEHRA	IIT Ropar	PhD Scholar

UG (2017-21) Batch joined for higher studies

S. No.	Name of the Student	Organization	Current Designation
1	SANGE CHOMBAY PHILLEY	NERIST	M.Tech in Civil
2	ANURAG SINGH	IIT Guwahati	M.Tech
3	JOON DARANG	NERIST	M. Tech
4	APING DAI	NERIST	M.Tech in Power System Engineering
5	TUNGON DUGI	RGU Rono Hills Doimukh	M.Tech in CSE
6	ANSHUMAN MISHRA	NIT Warangal	M.Tech in Water Resources Engineering

Voice of Our Alumni

Firstly I would like to thank you for giving me this opportunity and it's my pleasure to introduce myself. I am Dr. Suraj Kumar saw, currently working as an Assistant Professor in PICT Pune, Maharashtra I am really thankful to my parents for allowing me to go to Arunachal Pradesh for pursuing my PhD degrees in Dept. of ECE (2016-2020). During my PhD tenure I learned many new things and spent a quality time in institute which is unforgettable. All faculties members are very supportive and encourage students to push boundaries to rise above expectations. The scenic beauty and peaceful environment of NITAP situated in Eastern Himalayas valley is best suited for teaching and learning. This is why, I highly recommend students to pursue their degree at this institute. Being a PhD scholar was one of the most rewarding experiences I have ever had. It is a very well structured and challenging programme that offered me a great opportunity to deepen my knowledge of Engineering, with guidance from exceptional professors. Indeed it was a wonderful experience at NITAP with an excellent exposure provided across the various platforms.



Dr. Suraj Kumar Saw
Assistant Professor
Pune Institute of Computer Technology

I, Rashmita Baruah, have been admitted to PhD program in Nanotechnology in the department of Joint School of Nanoscience and Nano-engineering in North Carolina A&T State University for fall intake 2021 with full Scholarship. And also been offered a Graduate Research Assistant position. The university is best known for its latest research on TMDC Materials in the field of Nano-engineering. The department is a joint collaboration of North Carolina A&T State University and University of North Carolina.



Rashmita Baruah
Batch: 2016-2018 (M.Tech)
Department/Branch: VLSI Design and Embedded Systems (ECE)
Year of Graduation/Post Graduation: 2018

Hello all, myself Henakshi Das, currently working as Junior research fellow in the School of Electrical Science, IIT Bhubaneswar. At the very outset I would like to express my heartiest thanks to NIT, AP family for helping me successfully complete Master of Technology (M.Tech) in VLSI and Embedded system (2019-2021). To be a part of NIT Arunachal Pradesh was a great time for me. Living in Arunachal Pradesh for two years gave me some very good experiences. All the faculty members are very much supportive and encourage students in their research. As the college shifted to permanent campus, I believe the campus will be more enjoyable. I am overwhelmed by being an Alumni of NIT, AP for whatever & wherever I am today. Lastly I thank faculty members for making us what we are today



Henakshi Das
M.tech batch: 2019-2021
Department: VLSI & Embedded system

I am Anand Kumar Singh, an alumni of 2017-21 batch (B.Tech, Mechanical Engineering) of NIT AP. I have just started my career as a Graduate Engineer Trainee at Hindustan Zinc of Vedanta Resources Limited. Hindustan Zinc is one of the world's largest and India's only integrated Zinc-Lead-Silver producer. I would like to share my job experience as a fresher in mining industry. I have been assigned role of a Maintenance Engineer in Heavy Earth Moving Machinery (HEMM) section of Rajpura Dariba Mines. It was a total new experience for me to work in underground mine. I was surprised! The vast expanse of the mine, the lighting system, the heavy machinery movements, the constant dripping of water, the flow of air these cannot be explained but only experienced once you are down there. It is day to day basis job where at beginning of each day mining engineer plan where to mine etc. To execute all the mining activities, e.g., excavation of land, transporting people & material (to & fro underground), machinery is used where the role of Mechanical Engineer comes in. The role of Mechanical engineer is to ensure general check-up of equipment's, breakdown maintenance, schedule preventive maintenance for all equipment's (e.g., Excavators, Passenger carrier, Low Profile Dumping Truck, Drilling equipment, Explosive carrier, Diesel browser, Water tanker, Miller, Scissor lift, Explosive charging equipment, etc) and ensure the availability of equipment's. Apart from that other work of mechanical engineer is asset management and optimisation, inventory management for different spare parts, along with diesel and various types of hydraulic oil. At last, I would like to say it's a great opportunity for mechanical engineers to learn and explore who see challenges as opportunity and like to overcome them with new ideas and innovations.



I am Dharmraj Chandrakar, an Alumni of NITAP, now working as an AET in PGCIL, a maharatna company. It's been almost a month working here. The ongoing experience is nice. We are having a good exposure and having a good chance to enhance our skill. The theory we learnt from the college (B.Tech) can be implemented practically which is really amazing. The company pays attention to our education & growth. It also provides opportunities to participate in sports - games & cultural activities. Apart from all these, the company gives us a good working atmosphere, job security, best health facilities for one & their dependents and a handsome salary.



I am Vivekanand, an Alumni of NITAP, now working as an AET in PGCIL, a Maharatna Company. It's been one month I have joined here. I feel, PGCIL is best platform for me to explore my knowledge and experience. I would like to thank my faculty members and friends who help me a lot to get to this wonderful platform. The experience I am gaining from this company is awesome. The ongoing experience is nice. The theoretical knowledge we got from the college is what I am implementing practically today, which is really amazing. The company pays attention to enhance our knowledge & growth. Apart from all these, the company gives us a good working atmosphere, job security, best health facilities for employees & their dependents. My suggestion to my lovely juniors is that to put your full efforts to get good opportunities.



Student's Voice

As an NRI student, I was able to gain admission to NIT Arunachal Pradesh with SAT scores via DASA. Living in Arunachal Pradesh for two years gave me a completely different perspective on life. The verdant hills and the surrounding atmosphere were worlds away from the cities I had previously lived in. It took some time getting used to, but I have learned to appreciate it. The temporary campus in Yupia, with lab equipment and a library, meets most of my requirements, but I am hoping that the permanent campus in Jote will be much more open and enjoyable. With the help of our director, this distant goal could become a reality very soon. Although studies have suffered during these difficult times, all of our helpful faculty members have given their utmost by taking classes and seminars online. The hostels are equipped with the basics, creating a good learning environment. TEQIP has enabled me to attend multiple workshops at IIT Guwahati. It has been an incredible opportunity to share a campus with folks from other states and cultures. My Hindi speaking skills have increased tremendously. Momo and Panipuri became a part of my daily routine.



Aby Joseph Biju
AET in Mechanical Engineering

Hi everyone, myself Sonali Mondal, Ph.D. scholar in the Dept. of Computer Science & Engineering. For any Indian student who has completed “Post Graduation” wishes to be a research scholar of a prestigious Institution. Getting selected in “Institutes of National Importance” is always a dream. For me that dream came true on 31st July 2020. During that time a pandemic (Covid-19) was prevailing around the world. The entire civilization was struggling for existence. At that crucial moment I got selected for the PhD programme in Computer Science & Engineering at one of the prestigious institutes in the country, NIT Arunachal Pradesh. Thank you National Institute of Technology Arunachal Pradesh, for giving me that opportunity to prove myself in my research area. Our highly qualified professors are very cooperative, not only they are taking regular classes, conducting doubt clearing sessions, workshops, seminars, but also taking sessions for our mental wellbeing when we all are going through uncertainty. Desperate times call for desperate measures but the human spirit is indomitable and this is clearly prominent here in NIT Arunachal Pradesh. The Institute has exhibited high levels of commitment to education by sustaining research work even through online mode and also we got access of various expensive licensed software from our home so that we can explore our research work uninterruptedly. Our respected faculties have shown admirable efforts of taking the classes online during this pandemic. Such an untiring enthusiasm and constant support from the faculties and staff of the institute has not only strengthened my quest for deeper and newer frontiers of scientific knowledge but also provoked me to quench my thirst for knowledge, forced me to go ahead to achieve something new.



Sonali Mondal
Ph.D. Scholar
Department of Computer Science & Engineering, NITAP

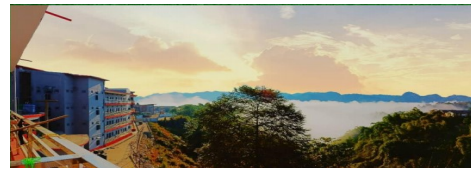
CTRL+D & CTRL+E that's how my life is going for the past two years Hi everyone! I'm Bindhu Lankapalli from the 4th semester, ECE Department. I always had many fantasies about my college life but ended up spending three semesters having online classes. Day by day I became more curious to visit the campus. Finally when that day arrived my joy knew no bounds. The lush green surroundings and the scenic views filled my eyes with happiness. But that didn't last for long because of the 3rd wave of the pandemic. The fact that my online classes resumed gave me heartbreak. But this time things ended up differently. Listening to online classes sitting in an offline classroom was a whole new fun. Thanks to the faculty for their supportive nature and their enthusiasm to guide us on better paths. Every day is a new journey and every moment is a new experience. My two months of college journey gave me many memories and I hope that this pandemic ends and everything gets back to normal. Eagerly waiting to see how lively the campus would look when everyone arrive. Cheers!!



I'm Pallabi Roy, a final year student from the department of ECE. I'm extremely delighted to share that I have joined Morgan Stanley as Spring Intern and as a welcome gesture they featured the 2022 Spring Intern class on the 1585 Broadway building signage in Times Square, New York. Morgan Stanley is an American multinational investment bank and financial services company headquartered at 1585 Broadway in Midtown Manhattan, New York City founded on 5 September 1935. With offices in more than 42 countries and more than 60,000 employees, the firm's clients include corporations, governments, institutions, and individuals. Last year when the firm featured its 2021 class of interns, I dreamt that for myself. This year it turned into reality. I'm extremely elated. It is indeed an honour to be selected as an intern into this prestigious firm as well as to be featured in the most coveted Times square. This was an off campus opportunity. The opening for this role was floated around JuneJuly and I applied via Morgan Stanley's career portal. The assessments consisted of 1 online test in which consisted of 3 sections namely Debugging section, Aptitude section and Coding sections. This was followed by 2 technical interview rounds. All the 3 assessment rounds were eliminatory. I could crack these rounds and made my way to my dream company. Dear juniors, keep striving hard as if I can make it, you can do it too. Best Wishes. Bird's eye view of NITAP, Jote.



Eagle's View of NIT Arunachal Pradesh



NATIONAL INSTITUTE OF TECHNOLOGY



ARUNACHAL PRADESH, JOTE -791113

Annual Statements of Account (revised)


Financial Year: 2021-22

NATIONAL INSTITUTE OF TECHNOLOGY
Arunachal Pradesh, Jote-791113

REVISED RECEIPTS AND PAYMENT ACCOUNTS FOR THE YEAR ENDED ON 31ST MARCH, 2022

Receipts	Annexure	Amount (Rs.)	Total (Rs.)	Payments	Annexure	Amount (Rs.)	Total (Rs.)
1 Opening Cash & Bank Balance :	I		90,099,197.69	1 Academic, Admin & General Expenses	V		41,578,402.33
2 Fund Received From MHRD, Govt. of India:	II			2 Salary & Allowances / Others	VI		125,856,330.00
a) OH-31 (General)		131,211,377.00		3 Departmental Expenses	VII		464,671.00
b) OH-36 (Salary)		156,433,203.00		4 Other Payments	VIII		1,896,393,561.87
c) OH-35 (Construction)		1,045,635,721.00	1,333,280,301.00	5 Duties & Taxes Tax Deducted at Source (FY. 2020-21)			13,056,513.00
3 Academic Receipts	III		36,708,146.18	6 Bank Charge			6,688.80
4 Other Receipts	IV		998,106,862.79	7 Closing Cash & Bank Balance :	I		398,161,420.33
5 Bank Interest Received:							
a) Savings Bank / MOD Interest		1,575,635.00					
b) Fixed Deposits Interest							
i) Interest on Grant Fund		2,977,334.01					
ii) Interest on Non Grant Fund		7,022,697.66	11,575,666.67				
6 Duties & Taxes Tax Deducted at Source (FY. 2020-21)			5,747,413.00				
Total			2,475,517,587.33	Total			2,475,517,587.33

For, NATIONAL INSTITUTE OF TECHNOLOGY


CHAIRMAN, BoG


DIRECTOR


REGISTRAR


FACULTY IN CHARGE F&A


ACCOUNTANT

NATIONAL INSTITUTE OF TECHNOLOGY
Arunachal Pradesh, Jote-791113

ANNEXURE - I : OPENING & CLOSING BALANCES

ANNEXURES FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS AT 31ST MARCH, 2022

Particulars	Opening Balances		Closing Balances	
	Amount (Rs.)	Total Amount (Rs.)	Amount (Rs.)	Total Amount (Rs.)
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	23,116,537.03		11,038,017.43	
- In Current Account				
Mess A/c (old) SBI (Nirjuli Br.) A/c No. 32043126506	17,500.00		-	
- In Savings Account				
SBI (Nirjuli Br.) A/c No. 38208188746	14,454,649.69		359,242,770.29	
- In Savings Account				
Corpus Fund A/c (SBI, Naharlagun Br.) A/c No. 38208192335	15,797,175.60		2,053,182.60	
- In Savings Account				
CANARA Bank (Itanagar Br.) A/c No. 3435101005134	35,277,687.84		21,399,778.44	
- In Savings Account				
CPS Fund A/c (SBI, Nirjuli Br.) A/c No. 32130405445	-		-	
- In Savings Account				
GST Reimbursement A/c (CANARA Bank) A/c No. 110005680736	-		2,084,772.00	
- In Savings Account				
Central Bank / Reserve (TSA) A/c A/c No. 10681601001	-		-	
- In Savings Account				
AXIS Bank (Itanagar Br.) A/c No. 919010005770836	1,435,647.53	90,099,197.69	2,342,899.57	398,161,420.33
TOTAL		90,099,197.69		398,161,420.33

For, **NATIONAL INSTITUTE OF TECHNOLOGY**


CHAIRMAN, BoG


DIRECTOR


REGISTRAR


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Arunachal Pradesh, Jote-791113


**ANNEXURE - II : GRANTS-IN-AID RECEIVED FROM MINISTRY OF EDUCATION (GOVT. OF INDIA) DURING
THE FINANCIAL YEAR 2021-22**

ANNEXURES FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS AT 31ST MARCH, 2022

SL No.	Fund / Sanction Order No. (PFMS)	OH-31 (General)	OH-36 (Salary)	OH-35 (Construction)	Total (Rs.)
A.	Previous year's Grants received during 2021-22:	-	-	-	-
	Total (A) =	-	-	-	-
B.	Grants received for the F/Y 2021-22:				
	Receipts in the Bank Account:				
1	F. No. 36-4/2021-TS.III dated 07/05/2021	10,900,000.00	24,200,000.00	-	35,100,000.00
2	F. No. 36-4/2021-TS.III dated 02/06/2021	-	2,000,000.00	-	2,000,000.00
3	F. No. 36-4/2021-TS.III dated 02/06/2021	4,600,000.00	8,500,000.00	-	13,100,000.00
4	F. No. 36-4/2021-TS.III dated 22/06/2021	-	-	230,000,000.00	230,000,000.00
	Total (B) =	15,500,000.00	34,700,000.00	230,000,000.00	280,200,000.00
C.	Receipts through Treasury Single Account (TSA):				
1	F. No. 36-4/2021-TS.III dated 30/07/2021	-	23,500,000.00	-	23,500,000.00
2	F. No. 36-4/2021-TS.III dated 30/07/2021	-	-	2,900,000.00	2,900,000.00
3	F. No. 36-4/2021-TS.III dated 30/07/2021	-	1,500,000.00	-	1,500,000.00
4	F. No. 36-4/2021-TS.III dated 30/07/2021	-	500,000.00	-	500,000.00
5	F. No. 36-4/2021-TS.III dated 30/07/2021	100,000.00	-	-	100,000.00
6	F. No. 36-4/2021-TS.III dated 30/07/2021	4,800,000.00	-	-	4,800,000.00
7	F. No. 36-4/2021-TS.III dated 30/07/2021	-	-	4,900,000.00	4,900,000.00
8	F. No. 36-4/2021-TS.III dated 30/07/2021	-	-	90,300,000.00	90,300,000.00
9	F. No. 36-4/2021-TS.III dated 30/07/2021	300,000.00	-	-	300,000.00
10	F. No. 36-4/2021-TS.III dated 16/08/2021	4,800,000.00	-	-	4,800,000.00
11	F. No. 36-4/2021-TS.III dated 16/08/2021	300,000.00	-	-	300,000.00
12	F. No. 36-4/2021-TS.III dated 16/08/2021	100,000.00	-	-	100,000.00
13	F. No. 36-4/2021-TS.III dated 16/08/2021	-	-	90,300,000.00	90,300,000.00
14	F. No. 36-4/2021-TS.III dated 16/08/2021	-	-	4,900,000.00	4,900,000.00
15	F. No. 36-4/2021-TS.III dated 16/08/2021	-	-	2,900,000.00	2,900,000.00
16	F. No. 36-4/2021-TS.III dated 16/08/2021	-	23,500,000.00	-	23,500,000.00
17	F. No. 36-4/2021-TS.III dated 16/08/2021	-	1,500,000.00	-	1,500,000.00
18	F. No. 36-4/2021-TS.III dated 16/08/2021	-	500,000.00	-	500,000.00
19	F. No. 36-4/2021-TS.III dated 17/09/2021	-	23,453,000.00	-	23,453,000.00
20	F. No. 36-4/2021-TS.III dated 17/09/2021	-	1,600,000.00	-	1,600,000.00
21	F. No. 36-4/2021-TS.III dated 17/09/2021	-	500,000.00	-	500,000.00
22	F. No. 36-4/2021-TS.III dated 17/09/2021	4,700,000.00	-	-	4,700,000.00
23	F. No. 36-4/2021-TS.III dated 17/09/2021	300,000.00	-	-	300,000.00
24	F. No. 36-4/2021-TS.III dated 17/09/2021	100,000.00	-	-	100,000.00
25	F. No. 36-4/2021-TS.III dated 17/09/2021	-	-	90,400,000.00	90,400,000.00
26	F. No. 36-4/2021-TS.III dated 17/09/2021	-	-	4,900,000.00	4,900,000.00
27	F. No. 36-4/2021-TS.III dated 17/09/2021	-	-	3,000,000.00	3,000,000.00
28	F. No. 36-4/2021-TS.III dated 22/10/2021	4,800,000.00	-	-	4,800,000.00
29	F. No. 36-4/2021-TS.III dated 22/10/2021	-	300,000.00	-	300,000.00
30	F. No. 36-4/2021-TS.III dated 22/10/2021	-	100,000.00	-	100,000.00
31	F. No. 36-4/2021-TS.III dated 22/10/2021	-	4,300,000.00	-	4,300,000.00
32	F. No. 36-4/2021-TS.III dated 22/10/2021	300,000.00	-	-	300,000.00
33	F. No. 36-4/2021-TS.III dated 22/10/2021	100,000.00	-	-	100,000.00
34	F. No. 36-4/2021-TS.III dated 09/11/2021	4,800,000.00	-	-	4,800,000.00
35	F. No. 36-4/2021-TS.III dated 09/11/2021	300,000.00	-	-	300,000.00
36	F. No. 36-4/2021-TS.III dated 09/11/2021	100,000.00	-	-	100,000.00
37	F. No. 36-4/2021-TS.III dated 09/11/2021	-	4,300,000.00	-	4,300,000.00
38	F. No. 36-4/2021-TS.III dated 09/11/2021	-	300,000.00	-	300,000.00
39	F. No. 36-4/2021-TS.III dated 09/11/2021	-	100,000.00	-	100,000.00
40	F. No. 36-4/2021-TS.III dated 06/12/2021	4,778,000.00	-	-	4,778,000.00
41	F. No. 36-4/2021-TS.III dated 06/12/2021	300,000.00	-	-	300,000.00
42	F. No. 36-4/2021-TS.III dated 06/12/2021	100,000.00	-	-	100,000.00
43	F. No. 36-4/2021-TS.III dated 06/12/2021	-	4,300,000.00	-	4,300,000.00
44	F. No. 36-4/2021-TS.III dated 06/12/2021	-	200,000.00	-	200,000.00
45	F. No. 36-4/2021-TS.III dated 06/12/2021	-	147,000.00	-	147,000.00
46	F. No. 36-4/2021-TS.III dated 10/01/2022	9,500,000.00	-	-	9,500,000.00

47	F. No. 36-4/2021-TS.III dated 10/01/2022	600,000.00	-	-	600,000.00
48	F. No. 36-4/2021-TS.III dated 10/01/2022	222,000.00	-	-	222,000.00
49	F. No. 36-4/2021-TS.III dated 28/01/2022	34,100,000.00	-	-	34,100,000.00
50	F. No. 36-4/2021-TS.III dated 28/01/2022	2,000,000.00	-	-	2,000,000.00
51	F. No. 36-4/2021-TS.III dated 28/01/2022	300,000.00	-	-	300,000.00
52	F. No. 36-4/2021-TS.III dated 28/01/2022	-	11,800,000.00	-	11,800,000.00
53	F. No. 36-4/2021-TS.III dated 28/01/2022	-	700,000.00	-	700,000.00
54	F. No. 36-4/2021-TS.III dated 28/01/2022	-	100,000.00	-	100,000.00
55	F. No. 36-4/2021-TS.III dated 07/02/2022	34,100,000.00	-	-	34,100,000.00
56	F. No. 36-4/2021-TS.III dated 07/02/2022	300,000.00	-	-	300,000.00
57	F. No. 36-4/2021-TS.III dated 07/02/2022	2,000,000.00	-	-	2,000,000.00
58	F. No. 36-4/2021-TS.III dated 07/02/2022	-	-	536,235,000.00	536,235,000.00
59	F. No. 36-4/2021-TS.III dated 07/02/2022	-	-	28,100,000.00	28,100,000.00
60	F. No. 36-4/2021-TS.III dated 07/02/2022	-	-	18,400,000.00	18,400,000.00
61	F. No. 36-4/2021-TS.III dated 07/02/2022	-	11,800,000.00	-	11,800,000.00
62	F. No. 36-4/2021-TS.III dated 07/02/2022	-	700,000.00	-	700,000.00
63	F. No. 36-4/2021-TS.III dated 07/02/2022	-	100,000.00	-	100,000.00
64	F. No. 36-4/2021-TS.III dated 07/03/2022	34,100,000.00	-	-	34,100,000.00
65	F. No. 36-4/2021-TS.III dated 07/03/2022	2,000,000.00	-	-	2,000,000.00
66	F. No. 36-4/2021-TS.III dated 07/03/2022	421,000.00	-	-	421,000.00
67	F. No. 36-4/2021-TS.III dated 07/03/2022	-	11,800,000.00	-	11,800,000.00
68	F. No. 36-4/2021-TS.III dated 07/03/2022	-	600,000.00	-	600,000.00
69	F. No. 36-4/2021-TS.III dated 07/03/2022	-	200,000.00	-	200,000.00
70	F. No. 35-4/2021-TS.III dated 24/03/2022	-	-	110,200,000.00	110,200,000.00
Total (C) =		150,721,000.00	128,400,000.00	987,435,000.00	1,266,556,000.00
D.	Grants receivable for the F/Y 2020-21:	-	-	-	-
Total (D) =		-	-	-	-
E.	Unspent balance returned to Treasury Single Account (TSA):	35,009,623.00	6,666,797.00	171,799,279.00	213,475,699.00
Grand Total (A + B + C + D - E) =		131,211,377.00	156,433,203.00	1,045,635,721.00	1,333,280,301.00

For, NATIONAL INSTITUTE OF TECHNOLOGY


CHAIRMAN, BoG


DIRECTOR


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Arunachal Pradesh, Jote-791113

ANNEXURE - III : ACADEMIC RECEIPTS


ANNEXURES FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS AT 31ST MARCH, 2022

Particulars	Amount (Rs.)	Total Amount (Rs.)
1 Indirect Incomes:		
CCMT Fund_Honorarium	25,000.00	
Misc. Receipts	37,903.00	
Other Income	12,883.00	
Prior Period Adjustment Account (2020-21)	550,704.00	
Quarter Rent Recovery	2,610.00	
Transportation Charge Recovery	300.00	
		629,400.00
2 Internal Revenue Generation (IRG)		
Application & Vendor Regn. Fees	21,930.00	
Student Registration Fees	35,967,647.18	
Students Application Fee	89,169.00	
		36,078,746.18
TOTAL		36,708,146.18

For, NATIONAL INSTITUTE OF TECHNOLOGY


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ANNEXURE - IV : OTHER RECEIPTS


ANNEXURES FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS AT 31ST MARCH, 2022

Particulars	Amount (Rs.)	Total Amount (Rs.)
1 Receipts against Current Liabilities		
Atal Academic Programme (Dr. A.K.Atta)	93,000.00	
Atal Academy Programme (S Chatterjee)	93,000.00	
ATAL Academy Programme (D Gupta)	93,000.00	
ATAL Academy Programme (MM Singh)	93,000.00	
Atal Academy Program (Subhajit Das)	93,000.00	
CSAB Fund_Honorarium	419,000.00	
GPF	53,784.00	
GSLI Scheme	2,800.00	
Internation Conf (MISP 2020-2021 D Gupta)	708,161.79	
NPS Contribution (Employee & Employer)	6,722,956.00	
Quality Improvement Programme (QIP)	429,000.00	
Scholarship Received	310,000.00	
STTP OF NIT - AP	360,000.00	
		9,470,701.79
Duties & Taxes		
CGST (2020-2021)_TDS Deducted	384,400.00	
IGST (2020-2021)-TDS	2,331,900.00	
SGST (2020-2021)_TDS Deducted	384,400.00	
		3,100,700.00
Receipts against Sundry Creditors		
M/S SPACE ACE (Payable)	1,236,538.00	
PM Care Fund	346,073.00	
Tadar Akap (Third Party Wages)	427,157.00	
		2,009,768.00
Security Deposits & Others		
Security Deposit_Trainee Teacher		14,800.00
Security Deposit for Construction:		
APPWD_security Deposit From APPWD	99,820,351.00	
CPWD_security Deposit From CPWD	65,302,000.00	
HPL_Security Deposit From HPL	13,674,000.00	
PHE_SECURITY DEPOSIT FROM PHE	41,857,000.00	
RWD_Security Deposit From RWD	51,889,143.00	
WRD_Security Deposit From WRD	2,777,347.00	
		275,319,841.00
2 Current Assets		
Fixed Deposit Maturity	-	707,000,000.00
Loans & Advances (Asset)		
Receipt for adjustment/recovery of Advance & Loan	1,187,052.00	
Motor Car / Scooter Advance Recovery	4,000.00	
		1,191,052.00
TOTAL		998,106,862.79

For, NATIONAL INSTITUTE OF TECHNOLOGY


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ANNEXURE - V : ACADEMIC, ADMIN & GENERAL EXPENSES

ANNEXURES FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS AT 31ST MARCH, 2022

Particulars	Amount (Rs.)	Total Amount (Rs.)
1 Indirect Expenses:		
Excess Fee Refunded		4,400.00
31.06 Academic Activities		
31.06.01 Honorarium to Examinar	317,000.33	
31.06.02 Travelling Expenses (Examination Related)	11,592.00	
31.06.03 Convocation Expenses	882,041.00	
31.06.05 ADVERTISEMENT AND PUBLICITY	46,951.00	
31.06.15 Misc. Office (Consumable/Contingency)	1,214,268.00	
31.06.39 CPDA	1,178,926.00	
		3,650,778.33
Administrative Expenses (OH 31)		
31.02 Scholarship Payment/Fellowship	17,472,269.00	
31.06.16 Electricity and Power/Generator Maint	(35,324.00)	
31.06.24 ID/RD/SHD/WD, Etc Celebration	58,650.00	
31.06.27 Horticulture Service Expenses	20,000.00	
31.06.28 Cleaning Service (Material)	110,478.00	
31.06.29 STUDENTS GYM KHANA	247,816.00	
31.06.30 Transportation Hiring Charge	513,125.00	
31.06.31 Vehicle Running & Maint.	174,097.00	
31.06.32 Meeting Expenses	738,630.00	
31.06.33 Rent for Hostels & Govt. Buildings	9,858,477.00	
31.06.38 Wages to Daily Staf (Contractual Employee)	602,231.00	
31.06.40 Remuneration to Part Time/Visiting Faculty	82,500.00	
31.06.41 Honorarium	1,985,889.00	
31.06.42 Telephone (Re-Imbursement) Faculty/staff	380,547.00	
31.03.01 Travel Expenses		
31.03.01 Travel Expenses: Institute	306,352.00	
31.06.19 Postage, Telephone and Commuciation Charge	390,590.00	
31.06.23 Printing and Stationery	417,353.00	
31.06.26 Repairs and Maintenance	4,599,544.00	
		37,923,224.00
TOTAL		41,578,402.33


For, NATIONAL INSTITUTE OF TECHNOLOGY


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ANNEXURE - VI : ESTABLISHMENT EXPENSES (SALARY & ALLOWANCES)


ANNEXURES FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS AT 31ST MARCH, 2022

Particulars	Amount (Rs.)	Total Amount (Rs.)
1 Salary & Allowances/Others:		
Director Salary (Payable)	1,893,109.00	
Faculty Salary (Payable)	50,723,658.00	-
IIT Guwhati Remittance of Salary (Payable)	121,168.00	-
Non Teaching Salary (Payable)	23,149,508.00	-
36.01 Expenditure on Salary on Regular Faculty		
36.01.01 Director (Salary)	1,627,179.00	-
36.01.02 Faculty (Salary)	31,752,150.00	-
36.02 Ependiture on Salary on Regular Non Faculty		
36.02.01 Non-Teaching Staff (Salary)	12,830,281.00	-
36.08. Employee's Other Benefits:		
36.01.05 Children Education Allowance	799,830.00	-
36.03 Medical Expenditure	2,093,919.00	-
36.05 LTC	865,528.00	125,856,330.00
TOTAL		125,856,330.00

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ANNEXURE - VII : DEPARTMENT WISE EXPENSES

ANNEXURES FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS AT 31ST MARCH, 2022

Particulars	Amount (Rs)
1 Department wise Expenditure: (Consumables & Others)	
31.06 Departmental Operating Cost (Consumable/Contingency)	
31.06.06 Basic & Applied Science Operating Cost	99,510.00
31.06.08 Chemical Engineering Operating Cost	22,255.00
31.06.09 Civil Engineering	13,550.00
31.06.10 Computer Science & Engineering (Consumable)	37,660.00
31.06.11 Electrical Engineering Operating Cost	62,880.00
31.06.12 Electronics & Electrical Engineering Opera	22,678.00
31.06.14 Mechanical Engineering (Consumable)	206,138.00
Total	464,671.00


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ANNEXURE - VIII : OTHER PAYMENTS

ANNEXURES FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS AT 31ST MARCH, 2022

Particulars	Amount (Rs.)	Total Amount (Rs.)
1 <u>Current Liabilities Paid</u>		
Atal Academic Programme (Dr. A.K.Atta)	93,000.00	
Atal Academy Programme (S Chatterjee)	93,000.00	
ATAL Academy Programme (D Gupta)	93,000.00	
ATAL Academy Programme (MM Singh)	93,000.00	
Atal Academy Program (Subhajit Das)	83,000.00	
Bengia Tolum	2,462,912.00	
CCMT Fund	2,908.00	
Consultants' Fees Payable	1,003,000.00	
CSAB Center Fund	191,070.00	
CSAB Fund_Honorarium	369,983.00	
DASA Center Fund	15,000.00	
GPF	53,784.00	
GSLI Scheme	2,800.00	
Loan From Mess A/c	427,100.00	
Loan From R&D A/c	1,722,960.00	
Mess External	7,017,500.00	
NPS Contribution (Employee & Employer)	20,770,600.00	
Quality Improvement Programme (QIP)	271,391.00	
STTP OF NIT - AP	504.00	
TFRE International Programme 2020	3,200.00	
		34,769,712.00
2 <u>Payment of Outstanding Liabilities</u>		
Nirjuli Petrol Pump (Payable)	126,279.00	
NPS Payable	1,553,457.20	
Hostel/Quarter/Bunglaw Rent Payable:		
Director Bungalow Rent Payable	109,000.00	
Quarter Rent (Payable)	108,000.00	
SSA Rent Payable	812,544.00	
Tiger Hostel Circuit House Boys (Payable)	434,680.00	
		3,143,960.20
3 <u>Payment of Sundry Creditors</u>		
AICTE Training and Learning(ATAL) Academy	10,000.00	
Bajrang Motors (Payable)	56,013.00	
Exclusive Advertising Private Limited	20,605.00	
Lalit BorahTours & Travels	1,749,462.00	
Lalit Borah Tour & Travels (Payable)	536,226.00	
Likha Saktor	385,000.00	
M/S M T Enterprise (Cleaning)	280,000.00	
M/S Nyimi Enterprises	969,322.00	
M/S SPACE ACE (Payable)	1,236,538.00	
Nabam Tai Enterprises	320,000.00	
Neelam Yai	167,000.00	
Nirjuli Petrol Depot	1,429,561.00	
NSDL E-Governance Infrastructure Limited	32,228.00	
N S Enterprises	407,700.00	
PM Care Fund	346,073.00	
PURPA LAMA	189,000.00	
RAMEN SARMA & CO., (For GST-TDS)	1,190,179.00	
Rubu Stores	279,332.00	
Sangcho Enterprise	4,679,025.00	
Tadar Akap (Third Party Wages)	19,806,105.00	
T.A.Enterprise (Hornbill Hall)	84,000.00	
Tarh Nyajung (Siang Hall)	1,050,000.00	
Teli Yotu (Dikrong Hall)	125,925.00	
Todo Security Agency	18,453,721.00	

Vijay Bengia (Water Carrying Charge)	360,000.00	
Caution Money Deposit:		
Caution Money Deposit_2018-19	91,000.00	
Caution Money Deposit_2020-21	5,000.00	
Refund of Caution Money	68,000.00	54,327,015.00
4 Current Assets Acquired		
Fixed Deposit including Accrued Interest and TDS	613,421,842.67	
Loan to Startup Cell	12,000.00	
RD_from Trainee Teacher SD A/c	88,800.00	
Loans & Advances (Asset):		
Advance for E Learnibg Resources	4,484,153.00	
Advance for Equipment	87,925,852.00	
Advance for Kitchen	11,750,000.00	
Advance & Loan	1,318,432.00	
Advance to BSNL	1,342,250.00	
Motor Car /Scooter Advance	4,000.00	720,347,329.67
5 Fixed Assets Purchased		
35.06 Equipment	3,586,430.00	
35.07 Furniture	12,799,696.00	
Computer and Accessoris (Bio Metric)	169,766.00	
Computer & Peripherals	67,280.00	
Electrical Installations	99,860.00	
35.01 Works-Civil:		
35.01.02 PHE	130,834,580.00	
35.01.03 Water Resource Department (WRD)	60,843,474.00	
35.01.04 Rural Works Department (RWD)	169,244,679.00	
35.01.05 CPWD	254,227,000.00	
35.01.06 APPWD Doimukh	234,658,284.00	
35.01.07 HPL	177,408,000.00	
35.01 Space Ace (Civil Work)	12,865,510.00	
35.05 Constraction Contingency	64,000.00	
Electrical Installation_Jote:		
35.01.09 Power Department Govt of Arunachal Pradesh		
35.01.08 Nyimi Enterprises (Electrical Work)	14,000,000.00	
Load and Meter Security Division	1,820,180.00	1,072,688,739.00
6 Other Expenses		
Miscellaneous	10,000.00	
Internal Revenue Generation (IRG)		
Expenditure From Bank Interest	28,500.00	
Expenses Under IRG	11,078,306.00	11,116,806.00
TOTAL		1,896,393,561.87

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Arunachal Pradesh, Jote-791113

REVISED BALANCE SHEET AS AT 31ST MARCH, 2022

(Amount in Rs.)

SOURCES OF FUNDS	Schedule	Current year	Previous Year
CORPUS/CAPITAL FUND AND LIABILITIES			
CORPUS/CAPITAL FUND	1	7,159,208,451.54	5,896,080,154.60
EARMARKED / ENDOWMENT FUNDS	2	-	-
CURRENT LIABILITIES AND PROVISIONS	3	591,931,560.15	306,450,473.68
TOTAL		7,751,140,011.69	6,202,530,628.28
APPLICATION OF FUNDS	Schedule	Current year	Previous Year
FIXED ASSETS			
Tangible Assets	4	1,640,108,491.69	1,585,105,090.35
Intangible Assets		2.00	75,602.24
Capital Work-in-Progress		5,317,355,205.00	4,143,815,116.00
INVESTMENT FROM EARMARKED / ENDOWMENT FUNDS			
Long Term	5	-	-
Short Term		-	-
INVESTMENTS OTHERS			
	6	285,421,700.67	380,000,000.00
CURRENT ASSETS			
	7	399,979,297.33	90,773,759.69
LOANS, ADVANCES & DEPOSITS			
	8	108,275,315.00	2,761,060.00
TOTAL		7,751,140,011.69	6,202,530,628.28

SIGNIFICANT ACCOUNTING POLICIES	23
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	24

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SCHEDULE - 1: CORPUS / CAPITAL FUND

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022

(Amount in Rs.)

Particulars	Current year		Previous Year	
	Balance as at beginning of the year	5,896,080,154.60		4,662,204,006.07
Add: Contributions towards Corpus/ Capital Fund	1,269,440,134.00	7,165,520,288.60	1,228,002,759.00	5,890,206,765.07
Add: Balance of excess over expenditure transferred from Income & Expenditure Account		(6,311,837.06)		5,873,389.53
BALANCE AS AT THE YEAR-END		7,159,208,451.54		5,896,080,154.60

For, **NATIONAL INSTITUTE OF TECHNOLOGY**


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SCHEDULE 2- EARMARKED/ ENDOWMENTS FUNDS

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022

(Amount in Rs.)

A	FUND-WISE BREAK UP		TOTAL	
	CORPUS FUND	ENDOWMENT FUND	Current Year	Previous Year
a) Opening balance of the funds	-	-	-	-
b) Additions to the funds:				
i) Grants	-		-	-
ii) Income from Investments made on account of funds		-	-	-
iii) Accrued Interest on Investments/Advances			-	-
iv) Interest on Savings Bank Account			-	-
TOTAL = A	-	-	-	-
B				
c) Utilisation/ Expenditure towards objectives of funds			-	-
i. Capital Expenditure				
- Fixed Assests		-	-	-
- GPF Withdrawal			-	-
- GPF Advance			-	-
- Others			-	-
Total	-	-	-	-
ii. Revenue Expenditure				
- Salaries, Wages and allowance etc.			-	-
- Other Administrative expenses			-	-
Total	-	-	-	-
TOTAL = B	-	-	-	-
NET BALANCE AS AT THE YEAR-END (A-B)	-	-	-	-

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SCHEDULE 3- CURRENT LIABILITIES AND PROVISIONS

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022

(Amount in Rs.)

Particulars	Schedule	Current Year		Previous Year	
A. CURRENT LIABILITIES					
1. Deposits/Loans from TEQIP		-		-	
2. Deposits from Students		-		-	
3. Deposits-Others (including EMD, Security Deposit)	3 (A)	423,663,563.20		8,399,001.20	
4. Security Deposits - Staff		305,072.00	423,968,635.20	290,272.00	8,689,273.20
5. Caution Money Deposits		2,425,000.00		2,655,000.00	
Add: Receipts during 2021-2022		141,000.00		-	
Less: Refund of Caution Money during 2020-2021		164,000.00	2,402,000.00	230,000.00	2,425,000.00
6. Students Scholarship Receipts					
7. ESIC Intermediary A/C			1,100,000.00		1,100,000.00
8. Statutory Liabilities :					
a) GPF		-		-	
b) IGST Payable (Sangcho Enterprise)		27,000.00		-	
c) NPS		(13,021.20)		667,824.80	
d) TDS TDS to be Deposited		3,084,997.00		-	
e) CGST TDS to be Deposited		86,313.00		55,877.00	
f) SGST TDS to be Deposited		86,313.00		55,877.00	
g) IGST TDS to be Deposited		1,870,175.00		106,722.00	
h) GSTR-7 Late fee payable		-		2,200.00	
i) GSTR-7 interest on Late fee payable		-	5,141,776.80	1,038.00	889,538.80
9. Mess External A/c		2,982,500.00		10,000,000.00	
10. CPS Liability (Opening 1-04-2018)		1,974,854.00		1,974,854.00	
11. CCMT Fund		61,031.00		63,939.00	
12. CSAB		422,059.00		613,129.00	
13. International Conference MISP 2020-21 (D Gupta)		708,161.79		-	
14. Quality Improvement Programme (QIP)		157,609.00		-	
15. Sundry Creditors		2,796,890.00		56,246.00	
16. Alumni Fee Received		(19,500.00)		(19,500.00)	
17. Atal Academy Programme (R Pudur)		13,000.00		13,000.00	
18. DASA Center Fund		-		15,000.00	
19. STTP Of NIT_AP		363,000.00		3,504.00	
20. TEL Center		11,000.00		11,000.00	
21. NEET Examination 2020 Fund		1,626.00		1,626.00	
22. TFRE International Programme 2020		182,881.94	9,655,112.73	186,081.94	12,918,879.94
23. Research & Development Deptt., NITAP			54,373.00		-
25. Govt. Grants / Subsidies (Balance C/F)					
a) Principal amount of Grants	10		84,979,304.41		
b) Interest on Grant Fund			2,977,334.01		275,717,795.54
TOTAL (A)			530,278,536.15		301,740,487.48
B. PROVISIONS					
1. For Outstanding Liabilities					
a) Outstanding Expenses	3 (B)		61,604,007.00		4,709,986.20
b) CCMT Fund (Honorary)			-		-
c) CSAB Fund (Honorary)			49,017.00		-
TOTAL (B)			61,653,024.00		4,709,986.20
TOTAL (A+B)			591,931,560.15		306,450,473.68

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

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022

Particulars	Current Year				Previous Year
	Opening Balance I	Received this year II	Payment this Year III	Closing Balance IV = I + II - III	Closing Balance
1 SD-CCMT	-			-	-
2 SD-Contractors	850,841.00			850,841.00	850,841.00
3 SD-CSAB	143,724.00			143,724.00	143,724.00
4 SD-CWF	12,603.00			12,603.00	12,603.00
5 SD-DASA	100,000.00			100,000.00	100,000.00
6 SD-EMD	3,847,084.00			3,847,084.00	3,847,084.00
7 SD-Employees	39,744.00			39,744.00	39,744.00
8 SD-Entrepreneur	1,000,000.00			1,000,000.00	1,000,000.00
9 SD-IDBI	500,000.00			500,000.00	500,000.00
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	114,434.20			114,434.20	114,434.20
13 SD-Pension	605,500.00			605,500.00	605,500.00
14 SD-Performance Security	429,192.00			429,192.00	429,192.00
15 SD-R&D Project	418,150.00			418,150.00	418,150.00
16 SD-Student Insurance	35,250.00			35,250.00	35,250.00
17 SD-SWF	191,289.00			191,289.00	191,289.00
18 SD-Construction of 2021-22	-	415,264,562.00	-	415,264,562.00	-
Grand Total	8,399,001.20	415,264,562.00	-	423,663,563.20	8,399,001.20

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

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022


(Amount in Rs.)

Particulars	Current Year	Previous Year
1 Professional Charge Payable (2021-22)	1,255,000.00	1,003,000.00
2 CCMT Telephone Bill (Payable)		-
3 Convocation Nerist Guest House (Payable)		-
4 NPS Payable	1,895,432.00	1,553,457.20
5 Electrical Installation Payable	56,312,897.00	-
6 Repairs & Maintenance Payable	1,675,329.00	-
7 Honorarium (Payable)	249,000.00	-
8 Director Bungalow Rent Payable		130,800.00
9 Quarter Rent Payable		108,000.00
10 Boys Hostel (Tiger Hostel) Payable		434,680.00
11 Vehicle Running & Maintenance Payable	127,349.00	-
12 Nirjuli Petrol Pump (Payable)		126,279.00
13 Rent Payable		-
14 Scholarship Fellowship (Payable)		-
15 Security Service (Payable)		-
16 Other Govt. Building Rent Payable		812,544.00
17 Telephone Bill (Payable)		-
18 Vehicle Hiring Charge (Payable)	84,000.00	-
19 Honorarium to Examinar (Payable)	5,000.00	5,000.00
20 Lalit Borah Tours & Travels (Payable)		536,226.00
Grand Total	61,604,007.00	4,709,986.20

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SCHEDULE 4- FIXED ASSETS & DEPRICIATION

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022


(Amount in Rs.)

SCHEDULE 4 - FIXED ASSETS DESCRIPTION	GROSS BLOCK			Cost/valuation at the year-end as on 31.03.2022	Rate	DEPRECIATION			NET BLOCK		
	Cost/valuation at the beginning of the year as on 01.04.2021	Additions during the FY. 2021-22	Deducti ons during the year			Depreciation charged upto 31.03.2021	Additions for the FY. 2021-22	Depreci ation on Deducti ons during the year	Total Depreciation up to the Year-end as on 31.03.2022	As at the Current year end as on 31.03.2022	As at the Previous year-end as on 31.03.2021
FIXED ASSETS	A	B	C	D = A + B - C	E	F	G = E * D	H	I = F + G - H	J = D - I	K
A. TANGIBLE ASSETS											
1. Land at Jote	1,352,257,072.50	-	-	1,352,257,072.50	0.00%	-	-	-	-	1,352,257,072.50	1,352,257,072.50
2. Site Development	57,672,096.00	-	-	57,672,096.00	0.00%	-	-	-	-	57,672,096.00	57,672,096.00
3. Plant & Machinery	11,560,806.00	-	-	11,560,806.00	5.00%	5,422,356.64	578,040.30	-	6,000,396.94	5,560,409.06	6,138,449.36
4. Scientific & Laboratory Equipments	274,290,960.00	3,586,430.00	-	277,877,390.00	8.00%	163,042,223.06	22,230,191.20	-	185,272,414.26	92,604,975.74	111,248,736.94
5. Office Equipments	9,201,921.00	-	-	9,201,921.00	7.50%	3,642,867.14	690,144.08	-	4,333,011.22	4,868,909.78	5,559,053.86
6. Computer / Peripherals	14,177,188.00	237,046.00	-	14,414,234.00	20.00%	13,466,803.16	947,430.84	-	14,414,234.00	-	710,384.84
7. Furniture & Fixtures	58,331,785.00	13,085,396.00	-	71,417,181.00	7.50%	32,401,394.51	5,356,288.58	-	37,757,683.09	33,659,497.91	25,930,390.49
8. Vehicles	3,339,022.00	-	-	3,339,022.00	10.00%	2,327,405.72	333,902.20	-	2,661,307.92	677,714.08	1,011,616.28
9. Library Books & Journals	68,815,942.00	-	-	68,815,942.00	10.00%	45,468,509.33	6,881,594.20	-	52,350,103.53	16,465,838.47	23,347,432.67
10. Musical Instruments	51,832.00	-	-	51,832.00	7.50%	31,419.10	3,887.40	-	35,306.50	16,525.50	20,412.90
11. Electrical Installations	458,816.00	79,160,939.00	-	79,619,755.00	5.00%	128,872.10	3,980,987.75	-	4,109,859.85	75,509,895.15	329,943.90
12. Telephone	734,182.00	-	-	734,182.00	7.50%	280,895.93	55,063.65	-	335,959.58	398,222.42	453,286.07
13. Temporary Construction (Building)	443,973.00	-	-	443,973.00	2.00%	17,758.46	8,879.46	-	26,637.92	417,335.08	426,214.54
TOTAL OF CURRENT YEAR	1,851,335,595.50	96,069,811.00	-	1,947,405,406.50		266,230,505.15	41,066,409.66	-	307,296,914.81	1,640,108,491.69	1,585,105,090.35
B. CAPITAL WORK-IN-PROGRESS	4,143,815,116.00	1,173,540,089.00	-	5,317,355,205.00	-	-	-	-	-	5,317,355,205.00	4,143,815,116.00
C. INTANGIBLE ASSETS											
1. Computer Software	6,794,565.14	-	-	6,794,565.14	40.00%	6,718,963.90	75,600.24	-	6,794,564.14	1.00	75,601.24
2. Lan / Networking	6,434,115.00	-	-	6,434,115.00	40.00%	6,434,114.00	-	-	6,434,114.00	1.00	1.00
TOTAL OF CURRENT YEAR	13,228,680.14	-	-	13,228,680.14		13,153,077.90	75,600.24	-	13,228,678.14	2.00	75,602.24
TOTAL = (A+B+C)	6,008,379,391.64	1,269,609,900.00	-	7,277,989,291.64	-	279,383,583.05	41,142,009.90	-	320,525,592.95	6,957,463,698.69	5,728,995,808.59


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SCHEDULE 5- INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022

(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	-	-
TOTAL	-	-


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) with Accrued Interest	285,421,700.67	380,000,000.00
TOTAL	285,421,700.67	380,000,000.00

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SCHEDULE - 7: CURRENT ASSETS

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022

(Amount in Rs.)

Particulars	Current Year		Previous Year	
1. Cash / Liquidation balance:				
a) Cash in Hand	-		-	
b) Petty cash in Hand (Imprest)	-		-	
c) Closing Stock	-		-	
2. Bank Balances:				
a) with Scheduled Banks				
- In Current Account				
SBI (Nirjuli Br.) A/c No. 32043127339	11,038,017.43		23,116,537.03	
- In Current Account				
Mess A/c (old) SBI (Nirjuli Br.) A/c No. 32043126506	-		17,500.00	
- In Savings Account				
SBI (Nirjuli Br.) A/c No. 38208188746	359,242,770.29		14,454,649.69	
- In Savings Account				
Corpus Fund A/c (SBI, Naharlagun Br.)	2,053,182.60		15,797,175.60	
A/c No. 38208192335				
- In Savings Account				
CANARA Bank (Itanagar Br.)	21,399,778.44		35,277,687.84	
A/c No. 3435101005134				
- In Savings Account				
CPS Fund A/c (SBI, Nirjuli Br.)	-		-	
A/c No. 32130405445				
- In Savings Account				
GST Reimbursement A/c (CANARA Bank)	2,084,772.00		-	
A/c No. 110005680736				
- In Savings Account				
Central Bank / Reserve (TSA) A/c	-		-	
A/c No. 10681601001				
- In Savings Account				
AXIS Bank (Itanagar Br.)	2,342,899.57	398,161,420.33	1,435,647.53	90,099,197.69
A/c No. 919010005770836				
b) RD from trainee teachers SD A/c				
- In Recurring Deposits				
SBI (Nirjuli Br.) A/c No. 35612263864		355,200.00		266,400.00
3. TDS on FD Interest		1,408,304.00		408,162.00
4. TDS on R & D Consultancy Services		54,373.00		-
5. Grants Receivable from MHRD				
OH-31 (General)	-		-	
OH-36 (Salary)	-		-	
OH-35 (Construction)	-		-	
(as per Annexure - II)				
TOTAL		399,979,297.33		90,773,759.69

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SCHEDULE 8- LOANS, ADVANCES & DEPOSITS

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022

(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 01-04-2021	1,601,408.00		9,333,431.00	
Add: Advance paid during F.Y 2021-2022	106,824,687.00		8,039,734.00	
Less: Advance adjusted during F.Y 2020-2021	1,322,432.00	107,103,663.00	15,771,757.00	1,601,408.00
d) Imprest Advance	-		-	-
e) Others:	1,159,652.00		1,159,652.00	
i) Advance Hostel rent paid	-		-	
ii) Receivable from R & D Department	-		-	
ii) Loan to Start-up Cell	12,000.00	1,171,652.00	-	1,159,652.00
		108,275,315.00		2,761,060.00
TOTAL		108,275,315.00		2,761,060.00

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REVISED INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31ST MARCH, 2022

(Amount in Rs.)


<u>INCOME</u>	Schedule	Current year	Previous Year
Academic Receipts	9	25,548,271.18	28,134,140.44
Grants/Subsidies	10	254,578,658.13	258,174,318.20
Interest Earned on Fixed Deposit with Bank	11	7,022,697.66	3,784,495.00
Interest Earned on Savings Bank Deposit	12	1,575,635.00	12,616,369.00
Other Income	13	132,865.00	102,691.00
Prior Period Income	14	550,704.00	-
TOTAL (A)		289,408,830.97	302,812,013.64
<u>EXPENDITURE</u>			
Staff Payments & Benefits (Establishment Expenses)	15	194,617,303.00	179,824,628.00
Academic Expenses	16	21,217,738.33	15,074,546.33
Administrative and General Expenses	17	16,405,776.00	45,014,665.76
Transportation Expenses	18	12,604,312.00	14,445,247.00
Repairs & Maintenance	19	6,494,093.00	3,269,586.00
Finance Costs	20	6,688.80	13,534.87
Depreciation for Current year	4	41,142,009.90	37,912,564.15
Additional Depreciation Relating to F.Y 2019-20	4	-	851,742.00
Other Expenses	21	3,232,747.00	532,110.00
Prior Period Expenses	22	-	-
TOTAL (B)		295,720,668.03	296,938,624.11
Balance being excess of Income over Expenditure (A-B)		(6,311,837.06)	5,873,389.53
Transferred to Special Reserve		-	-
Transferred to / from General Reserve		-	-
BALANCE BEING SURPLUS / (DEFICIT) CARRIED TO CORPUS/CAPITAL FUND		(6,311,837.06)	5,873,389.53

SIGNIFICANT ACCOUNTING POLICIES	23
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	24

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SCHEDULE 9 - ACADEMIC RECEIPTS

SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2022

(Amount in Rs.)


Particulars	Current Year	Previous Year
1) Annual Fees & Registration	25,226,821.18	19,211,063.44
2) CCMT	25,000.00	-
3) CSAB	-	-
4) Alumni Fees	-	-
5) Interview fees receipt	-	-
6) Internal Revenue Generation (IRG)	-	8,886,477.00
7) Fees Fine	-	-
8) Application & Vendor's Registration Fees	21,930.00	36,600.00
9) Student Forms & Application Fees	-	-
10) Deduction of Licence Fee	274,520.00	-
11) Hostel fees receipts	-	-
12) Scholarship Receipts	-	-
13) CCMN	-	-
14) Project Overhead Charges	-	-
TOTAL	25,548,271.18	28,134,140.44

Note : Accounting Policies towards each item are to be disclosed

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SCHEDULE 10- GRANTS/ SUBSIDIES (IRREVOCABLE GRANTS RECEIVED)

SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2022

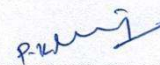
Particulars	Plan			Current Year Total (Rs.)	Previous Year Total (Rs.)
	Govt. of India	UGC			
		Plan	Specific Schemes		
Balance B/F	275,717,795.54	-	-	275,717,795.54	862,547,872.74
Add: Receipts during the year	1,333,280,301.00	-	-	1,333,280,301.00	899,347,000.00
Total =				1,608,998,096.54	1,761,894,872.74
Less: Refund to UGC	-	-	-	-	-
Balance =				1,608,998,096.54	1,761,894,872.74
Less: Utilized for Capital Expenditure (A)	1,269,440,134.00	-	-	1,269,440,134.00	1,228,002,759.00
Balance =				339,557,962.54	533,892,113.74
Less: Utilized for Revenue Expenditure (B)	254,578,658.13	-	-	254,578,658.13	258,174,318.20
Balance C/F (C)				84,979,304.41	275,717,795.54

- 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

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SCHEDULE 11 - INCOME FROM INVESTMENTS

SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2022

(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 (Institute fund)	7,022,697.66	3,784,495.00
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)	-	-
TOTAL	7,022,697.66	3,784,495.00
LESS: TRANSFERRED TO EARMARKED/ ENDOWMENT FUNDS	-	-
TOTAL	7,022,697.66	3,784,495.00


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	1,575,635.00	12,616,369.00
b) Interest on SB (CBSP A/C)	-	-
3. On Loans:		
a) Employees/ Staff	-	-
TOTAL	1,575,635.00	12,616,369.00

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SCHEDULE 13- OTHER INCOME

SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2022


(Amount in Rs.)

Particulars	Current Year	Previous Year
1. Profit on Sale / Disposal of Assets:		
a) Owned assets	-	-
B) Other assets	-	-
2. Miscellaneous Income:		
a) Xerox machine charge receipt from Student	-	6,238.00
b) Institute's Vehicle Charge	12,883.00	-
c) Application Fees	89,169.00	82,334.00
d) Quarter Rent Recovery	2,610.00	-
e) Project Overhead Charge	-	-
f) Miscellaneous receipt	27,903.00	5,695.00
g) Transportation Charge Recovery	300.00	8,424.00
h) Income from TEL Centre	-	-
i) Others	-	-
TOTAL	132,865.00	102,691.00

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SCHEDULE 14- PRIOR PERIOD INCOME

SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2022


(Amount in Rs.)

Particulars	Current Year	Previous Year
1. Error in calculation in providing income	-	-
2. Omission to account for income	550,704.00	-
3. Treating operating lease as finance lease	-	-
4. Capitalisation of borrowing cost on working capital	-	-
5. Others	-	-
TOTAL	550,704.00	-

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SCHEDULE 15- ESTABLISHMENT EXPENSES

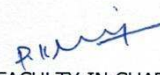
SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2022

Particulars	(Amount in Rs.)	
	Current Year	Previous Year
1 Salaries	136,672,027.00	126,237,234.00
2 NPS (Employers Contribution)	11,333,016.00	9,980,972.00
3 Security Salaries	18,453,721.00	18,186,630.00
4 Book Grant	-	-
5 Children education allowances	799,830.00	40,500.00
6 Medical Reimbursement	2,115,921.00	1,172,495.00
7 HRA	-	-
8 Honorarium	2,252,289.00	684,433.00
9 Remuneration (Part Time / Visiting Faculty)	536,900.00	4,590,765.00
10 Wages	20,028,598.00	18,623,565.00
11 Bonus & Allowances	-	-
12 LTC	865,528.00	-
13 CPDA	1,178,926.00	180,389.00
14 Telephone reimbursement (Faculty / Staff)	380,547.00	127,645.00
TOTAL	194,617,303.00	179,824,628.00

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SCHEDULE 16- ACADEMIC EXPENSES

SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2022


(Amount in Rs.)

Particulars	Current Year	Previous Year
1 Examination Expenses	-	-
2 Annual Athletic Meet	-	-
3 Travelling Expense (Examination related)	11,592.00	5,942.00
4 Placement & Training Expenses	-	-
5 Honorarium to Examinar	317,000.33	341,575.33
6 Convocation Expense	934,421.00	1,006,299.00
7 Library Expense	-	-
8 Field Work / Conference	-	-
9 Recruitment Expense	-	152,029.00
10 Seminar & Workshop	-	-
11 Laboratory Expense	-	-
12 Scholarship Payment	18,885,229.00	13,053,861.00
13 Student Project Expense (Consumables)	-	-
14 Chemicals & Glassware	-	-
15 Participation & Celebration Expenses	78,650.00	48,910.00
16 Sports & Tournament Expense	-	-
17 Membership Fees	-	-
18 Meeting Expense	738,630.00	222,801.00
19 Student Gymkhana	247,816.00	243,129.00
20 CCMT	-	-
21 CSAB	-	-
22 Purchase of Sports items	-	-
23 Hostel Mess Expenses	-	-
24 RTI Training Programme	-	-
25 Excess Fee Refunded	4,400.00	-
TOTAL	21,217,738.33	15,074,546.33

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SCHEDULE 17- ADMINISTRATIVE & GENERAL EXPENSES


SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2022

Particulars	(Amount in Rs.)	
	Current Year	Previous Year
1) Electricity and power Charges	586,804.00	6,303,714.00
2) Accomodation Charges	-	-
3) Networking Materials	-	-
4) Printing and stationery	417,353.00	378,688.00
5) Travelling and Conveyance Expenses	333,211.00	4,432,697.00
6) Wages to Contractual Employee	-	1,698,943.00
7) Auditors Fees	232,460.00	-
8) POL & Office Expenses	-	-
9) Cleaning Charges	710,478.00	6,220.00
10) Water carrying charges	-	-
11) Advertisement and Publicity	67,556.00	149,899.00
12) Postage, Telephone and Communication Charge	390,590.00	1,107,225.00
13) Professional Charge	1,255,000.00	2,289,000.00
14) Office Expense	1,314,116.00	4,301,424.00
15) Building Rent	11,096,602.00	24,336,105.00
16) Extra Carriculum Activities	-	-
17) Other Expenses:	-	-
Fooding Charge (Canteen)	-	-
Miscellaneous & contingencies	-	10,750.76
GST Interest on Late Fee	356.00	-
GST Late Fee	1,250.00	-
Refreshment	-	-
Service Charges	-	-
Broad Band Charges	-	-
News Paper Expense	-	-
TOTAL	16,405,776.00	45,014,665.76

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SCHEDULE 18- TRANSPORTATION EXPENSES

SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2022

(Amount in Rs.)

Particulars	Current Year	Previous Year
1 Vehicle Hiring Expense	11,418,113.00	14,245,257.00
2 PoL Expense	-	-
3 Repairing and Maintenance of Vehicle	1,186,199.00	199,990.00
4 Vehicle Insurance	-	-
TOTAL	12,604,312.00	14,445,247.00


SCHEDULE 19- REPAIRS & MAINTENANCE

Particulars	Current Year	Previous Year
1 Repair & Maintenance (General)	6,494,093.00	3,269,586.00
2 Repair & Maintenance (Mech. Dept.)	-	-
3 Maintenance of REEM Lab	-	-
4 Repair & Maintenance (Academic Block)	-	-
5 Hostel Maintenance	-	-
6 Generator Maintenance	-	-
7 Maintenance of sports items	-	-
8 Electrical Maintenance	-	-
9 Maintenance of office equipment	-	-
10 Maintenance of computer Peripherals	-	-
11 Maintenance of Lab. Equipment	-	-
12 Maintenance of Furniture	-	-
13 Maintenance of software	-	-
14 Cleaning Materials & Service	-	-
TOTAL	6,494,093.00	3,269,586.00

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SCHEDULE 20- FINANCE COST

SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2022
(Amount in Rs.)

Particulars	Current Year	Previous Year
a) Bank Charges	6,688.80	13,534.87
b) Subsidiary Charges / Rent	-	-
Total	6,688.80	13,534.87

SCHEDULE 21- OTHER EXPENSES

Particulars	Current Year	Previous Year
<u>Department wise Expenditure: (Consumables & Others)</u>		
a) Basic & Applied Science Dept.	99,510.00	-
b) Bio-Tech Dept.	-	-
c) Civil Engg. Dept.	13,550.00	31,192.00
d) Chemical Engg. Dept.	22,255.00	-
e) CSE Dept.	37,660.00	2,358.00
f) ECE Dept.	-	-
g) EE Dept.	62,880.00	2,540.00
h) Env. Engg. Dept.	-	-
i) Mechanical Engg. Dept.	206,138.00	1,600.00
j) Physics Dept.	-	-
k) Electronics & Electrical Engg. Dept.	2,790,754.00	494,420.00
l) Management and Humanities	-	-
Total	3,232,747.00	532,110.00

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SCHEDULE 22- PRIOR PERIOD EXPENSES

SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE FOR THE YEAR ENDED ON 31ST MARCH, 2022


(Amount in Rs.)

Particulars	Current Year	Previous Year
1. Error in calculation in providing expenditure	-	-
2. Omission to account for expenditure	-	-
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	-	-
TOTAL	-	-

For, NATIONAL INSTITUTE OF TECHNOLOGY


CHAIRMAN, BoG


DIRECTOR


FACULTY IN CHARGE
F&A


REGISTRAR


ACCOUNTANT

**National Institute of Technology
Arunachal Pradesh JOTE - 791113**

Schedules forming part of the Annual Account for the year ended on 31st March, 2022

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 concept. 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 other direct expenses related to acquisition.
 - b. Pre-operative expenses are carried forward to be capitalized and shown as 'works in Progress.
4. Depreciation:
 - a. Depreciation is provided on Straight Line Method (SLM).
 - 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 for 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. Interest Income:
Up to the FY 2020-21 the whole amount of interest earned from all bank deposits was treated as an income of the NIT.

But for the FY 2021-22 the amount interest earned on fixed deposits created out of Government Grants-in-Aid has not been taken as income but taken as a liability in the statements of account of the 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



Chairman, BoG



Director



Faculty in Charge F&A



Registrar



Accountant

**National Institute of Technology
Arunachal Pradesh, JOTE -791113**

Schedules forming part of the Annual Account for the year ended on 31st March, 2022

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. Interest earned on fixed deposits created out of Government Grant-in Aid has not been treated as income of the year but treated as a liability by way a change in accounting policy.

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.


For, National Institute of Technology,
Arunachal Pradesh


Chairman, BoG


Director


Faculty in Charge F&A


Registrar


Accountant



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

No: AG(AP)/CAW/SAR/NIT/1-5/2022-23/431

Dated: 29.09.2022

To

Director,
National Institute of Technology,
Arunachal Pradesh, Jote

10 OCT 2022

Sub: *Separate Audit Report on Accounts of the National Institute of Technology, Jote, Arunachal Pradesh for the year 2021-22.*

Sir,

Please find enclosed the Separate Audit Report on the accounts of the National Institute of Technology, Jote, Arunachal Pradesh for the year 2021-22 for your necessary action. 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 Education, 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.

Yours faithfully,


Principal Accountant General

फोन: ९१-३६०-२२९२२५४, २२९१३८५, २२९२५०६ फ़ैक्स: ९१-३६०-२२९०२२० ई-मेल: agarunachalpradesh@cag.gov.in



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

No. AG(AP)/CAW/SAR/NIT/1-5/2022-23/

Date: 29.09.2022

To,

Director,
National Institute of Technology (NIT),
Jote, Papum Pare District,
Arunachal Pradesh.

Sub: Management Letter on the Comments of Annual Accounts of National Institute of Technology (NIT) for the year 2021-22.

Sir,

I am to state that the comment cited below on the Annual Accounts of NIT as on 31 March 2022 is forwarded herewith for necessary action and compliance: -

Balance Sheet as at 31st March 2022

Current Liabilities and Provisions

Outstanding Liabilities (Schedule-3B) - ₹ 616.04 lakh

- i. The above does not include CCMT Fund (honorarium) payable amounting to ₹ 25,000 which was wrongly booked as academic receipts during the year. Due to wrong accounting of the CCMT fund has resulted in understatement of outstanding liabilities by ₹ 25,000 and overstatement of *Academic Receipts* as well as *Deficit* by the same amount.
- ii. The above does not include legal and professional fees payable amounting to ₹ 2,52,000. Non-accounting of the legal and professional fees payable has resulted in understatement of *Outstanding Liabilities* by ₹ 2.52 lakh as well as understatement of *Expenditure* during the year by the same amount.

The above comment needs to be rectified while preparing the accounts for the ensuing year.

Yours faithfully,


Deputy Accountant General (Audit)



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

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



**FOR THE YEAR ENDED
31 MARCH 2022**

**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 March 2022**

We have audited the Balance Sheet of National Institute of Technology (NIT), Arunachal Pradesh, for the year ended 31 March 2022 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 Resource 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. Application of Funds

i. Fixed Assets (Schedule – 4)

Tangible Assets - ₹ 164.01 crore.

The above does not include ₹ 176.74 crore being the value of Buildings (₹ 108.58 crore), Site Development (₹ 51.84 crore), Roads and Bridges (₹ 9.37 crore), Sewerage and Drainage (₹ 4.56 crore), Tube Wells and Water Supply (₹ 1.27 crore) and Electrical Installations (₹ 1.12 crore) which were completed during the period 2014 to 2022. The same has not been capitalized under different tangible assets despite the assets having been put to use and these were disclosed as work-in-progress. As a result, *Work-in-Progress* was overstated and *Tangible Fixed Assets* were understated.

B. Income and Expenditure Account

1. Income

i. Interest earned on Fixed Deposit with Bank (Schedule - 11) - ₹ 70.23 lakh.

The above does not include interest accrued on fixed deposits amounting to ₹ 23.24 lakh. The Institute has five numbers of fixed deposits at SBI, however, the interest accrued from the fixed deposits during the financial year 2021-22 has not been accounted. Thus, non-accounting of the interest accrued has resulted in understatement of *Income* by ₹ 23.24 lakh and overstatement of *Deficit* as well as *Corpus/Capital Fund* by the same amount.

C. Accounting Policies

1. As per significant accounting policies (Schedule-23) the “*liability towards gratuity payable on death/retirement of employees is based on actuarial valuation. Actuarial gains and losses arising from the 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*”. It was however noticed that no actuarial valuation has been made for employees benefit. Thus, the disclosure made in the significant accounting policies is deficient to that extent.

D. General

1. Application and registration fees of students were accounted on cash basis by the Institute. The same was however not disclosed in the *Notes to Accounts* under the head- Revenue recognition.

2. The Institute has seven bank Accounts out of which one account (32043126506) maintained in SBI, Nirjuli was inoperative, however, this was not disclosed in the *Notes to Accounts*.

3. The Institute received grant-in-aid amounting to ₹ 154.67 crore during 2021-22 and from July 2022 the funds were received through Treasury Single Account. As at the end of March 2022 an amount of ₹ 21.35 crore was lapsed and returned to MHRD, however, this was not disclosed in the *Notes to Accounts*.

4. The Institute received an amount of ₹ 5.50 lakh during the period 2016-17 which were shown in the BRS, however, details of the amount received could not be identified. Further, several cheques were issued since 2013-14 to 2021-22 but not presented for payment. In nine such cases, cheque number or date of issue could not be identified. All the above needs to be identified and necessary action may be taken.

5. The account keeping of the Institute has been computerized using Tally ERP-9 software, however, the actual payment voucher and Tally account voucher numbers do not match as such audit could not vouch safe all the payments.

E. Grant-in-Aid

Out of the total available balance of ₹ 160.90 crore, which includes opening balance of ₹ 27.57 crore and grant-in-aid of ₹ 133.32 crore received during the year, and other receipt of ₹ 0.01 crore, the Institute could utilize a sum of ₹ 152.40 crore and refunded ₹ 8.50 crore leaving a nil balance as on 31 March 2022.

F. Management Letter

Deficiencies which have not been included in the Audit Report have been brought to the notice of Director, National Institute of Technology, Arunachal Pradesh, Jote through a management letter issued separately for remedial/corrective action.

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.


a. In so far as it relates to the Balance Sheet, of the state of affairs of the NIT as on 31 March 2022; and

b. In so far as it relates to Income and Expenditure Account of the deficit for the year ended on that date.

Place: **Itanagar**

Dated: **29 September 2022**

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. The Institute has no internal audit wing and the internal audit was conducted through CA firm during the financial year 2020-21.

2. Internal Control Mechanism

The Institute has an internal control mechanism.

3. Physical Verification of Fixed Assets

The Institute did not conduct Physical Verification of Assets during the financial year 2021-22.

4. Physical Verification of Inventories

The Institute did not conduct Physical Verification of Inventories/Stores during the financial year 2021-22.


5. Payment of Statutory Dues

The Institute was regular in payment of statutory dues.

Place: **Itanagar**

Dated: **29 September 2022**

For and on behalf of the C&AG of India


**Pr. Accountant General
Arunachal Pradesh**