



**NATIONAL INSTITUTE OF TECHNOLOGY ARUNACHAL PRADESH,
YUPIA - 791112
(Established by MHRD, Govt. of India)**

Director's Convocation Speech

His Excellency, Governor of Arunachal Pradesh, Brigadier (Retd.) Dr. B. D. Mishra, the Chief Guest; Hon'ble Chief Minister Arunachal Pradesh, Shri Pema Khandu Ji, the Guest of Honor; Respected Prof. Anil Dattatraya Sahasrabudhe, Chairman BOG of NIT Arunachal Pradesh; Members of Board of Governors; Members of the senate; Invited Dignitaries of state & central Govt. and Guests; Recipients of Degrees and their proud parents; Faculty and Staff Members of NIT Arunachal Pradesh; Members of Press and Media; Ladies and Gentlemen: it is my privilege to welcome you all to the 4th Convocation of National Institute of Technology Arunachal Pradesh.

I take this opportunity to thank His Excellency, Governor of Arunachal Pradesh for accepting our invitation to be the Chief Guest of this Convocation and for kindly agreeing to deliver the Convocation Address. His Excellency has spent more than three decades in the Indian Army and has performed heroic role in various wars: in 1971 against Pakistan, in 1965 against China, against Naga insurgents in Nagaland during 1963-64 etc. As the Leading Brigade Commander of the Indian Peace Keeping Force, His Excellency has fought against Liberation Tigers of Tamil Eelam (LTTE) in Jaffna, Vavunia and Trincomalee in Sri Lanka during the period of 1987-1988 and also volunteered for the 1999 Kargil War, after his retirement. Once again, thank you Sir, for gracing the 4th Convocation of NIT Arunachal Pradesh with your presence.

I am also thankful to Hon'ble Prof. Anil Dattatraya Sahasrabudhe, Chairman BOG who made it possible to be with us today on the Convocation of NIT Arunachal Pradesh. Prof. Anil Dattatraya Sahasrabudhe, Professor of Mechanical Engineering at Indian Institute of Technology (IIT), Guwahati joined All India Council of Technical Education (AICTE) as Chairman on 17th July 2015. He graduated from BVB College of Engineering and Technology, Hubli in Mechanical Engineering with First Rank and Gold medal in 1980. Subsequently, he obtained Master's and Doctoral (with UGC Fellowship) degrees from Indian Institute of Science (IISc), Bangalore in 1982 and 1989 respectively.

Prof. Anil Dattatraya Sahasrabudhe in his illustrious career of 31 years held several important Academic, Research and Administrative positions. He started his career as Scientific Officer at Indian Institute of Science (IISc), Bangalore in 1983 and moved to Tata Consulting Engineer (TCE) as Engineer. He served as Lecturer and Assistant Professor at North Eastern Regional Institute of Science and Technology (NERIST) Arunachal Pradesh from 1987-1988 & again from 1989-1995, before joining IIT Guwahati as Associate Professor in 1995 and has been serving as Professor since 1999. Also, he served as Director, College of Engineering, Pune (CoEP) since 2006 on deputation from IIT Guwahati prior to joining as AICTE Chairman. As an Academician and Researcher in NERIST and IIT Guwahati, and as an Administrator in the capacity of Director, CoEP, he has taken up several new initiatives for

Academic, Curricular & Co-curricular activities, Entrepreneurship, Research and Good Governance.

Prof. Anil Dattatraya Sahasrabudhe is presently working as Chairman & Expert Member of various National Level Committees. Some of these include: Chairman, Basic Scientific Research (BSR), Empowered Committee of UGC, SWAYAM Board and Chairman BOG of NIT Arunachal Pradesh. As a Member/Fellow he is actively involved in the activities of many Professional Bodies/Societies, such as ISTE, ASME, ASEE, ASI, IET, Institution of Engineers (IE).

He was awarded with “Maha-Intrapreneur Award 2011” of Praj Industries, Pune for his Leadership and Innovative abilities in the area of Technology Development and Entrepreneurship initiatives.

With your permission Sir, I would like to briefly introduce the Institution and achievements since last Convocation:-

National Institute of Technology Arunachal Pradesh was inaugurated on 18th August 2010 as a member of a group of ten new NITs established under the aegis of MHRD, Govt of India. The campus is temporarily housed in Yupia, the headquarters of the Papumpare district of Arunachal Pradesh which is about 18 km from Itanagar (the capital of Arunachal Pradesh). The permanent campus of the Institute in Jote is in underconstruction.

The Institute offers Bachelor of Technology (B.Tech) Programmes in Computer Science and Engineering, Electronics and Communication Engineering, Electrical Engineering, Civil Engineering, Mechanical Engineering, Chemical Engineering and Bio-Technology Engineering along with Research Programmes leading to Master of Technology (M.Tech) in Computer Science & Engineering, Mobile Communication & Computing, Electronics Design and Manufacturing, VLSI & Embedded System, Renewable Energy and Energy Management, Appropriate Technology & Entrepreneurship, and Mechanical System Design & Innovation Technology; Master of Science (MS) in Mathematical Physics, Mathematics & Computing, Mathematical Research in Engineering & Technology and Electronic Science, Master of Business Administration (MBA) Online course and Doctor of Philosophy (Ph. D) in all major disciplines of Science, Management and Technology.

The total student strength of the Institute is 882 with 132 Girls and 750 Boys, which comprises of 696 students at B.Tech level, 117 at Post-graduation level and 69 at PhD level.

The Institute has a team of highly qualified, learned, dedicated and dynamic young faculty members with expertise in almost all major disciplines of engineering and technology, science and management, which is a constant source of inspiration for the students.

The faculty members of the Institute have contributed significantly in several areas of research and development. I am happy to inform you that in the last one year, Institute faculty members have published 88 research publications in SCI/reputed International Journals, 01 in National Journal, 31 in International Conferences and 14 in National Conferences. In addition, the faculty members have contributed 02 Book Chapters. In addition, Institute

faculty members have filed 7 patents since last convocation, out of which 3 patents have been granted while 4 patents are in process.

The faculty members have been active in maintaining interaction with the outside world. I am pleased to inform you that during the last one year, the faculty members have participated in 6 International conferences outside India and 7 International Conferences within India and presented their research papers. Also, the faculty members have attended 17 Seminars/Workshops/Training Programmes/Short Term Courses as part of the skill development programme. Further, more than 10 eminent personalities in different fields of expertise were invited at the Institute for sharing knowledge with faculty and students.

In the last one year, the institute faculty members have completed sponsored projects amount to Rs. 3.75 Lacs. At present, 19 Sponsored Projects and Joint Projects (with other Institutions) amounting to Rs.450.8892 Lacs are in progress. In addition, 11 R&D projects amounting to more than Rs. 550 Lacs have been submitted to various funding agencies in the last one year.

The Institute has already received grants from Special Man power Development Programme (SMDP) of Rs. 16.95 Lacs and Visvesvaraya PhD scheme of Rs. 35.62549 Lacs.

In the last one year, our students have authored 30 research publications in Journals and 21 in conferences. In addition, 3rd Research summit of the Institute was held on June 4-5, 2017, in which 08 research papers were presented and national level students' essay competition was organized on topics 'Nature, Education & Technology – need for synergy' and 'Research & Innovation – for developed India'.

Degrees Being Awarded at Today's Convocation

In today's Convocation, 144 students are likely to be awarded degrees at Undergraduate, Masters and PhD levels. The break up is:

B.Tech: 83
M.Tech: 51
M.S: 03
PhD: 7

Technical Education Quality Improvement Programme (TEQIP)

TEQIP phase-III has commenced w.e.f 1st April 2017 with its HQ in New Delhi. The Institute is being mentored under mentor Institutes: IIT Guwahati and IIT Kharagpur. An amount of Rs. 5 Crores has been sanctioned to the Institute for implementation of TEQIP-III phase, and Rs. 1.2 Crores has already been received. Upto the present date, workshop titled "Recent Trends in Machine Learning, Big Data and IoT" and "Student Learning Assessment" have been organized under TEQIP phase III. The Institute's faculties are being trained to groom first year students on moral values and also to improve the academic strength of higher semester students. The Institute plans to organize international/national conferences, Expert Lectures, up-gradation of laboratories and filing of new patents during the current academic year.

Awards and Honours

- Dr. Pallabi Kalita Hui, Assistant Professor, Department of Bio-Technology, Dr. Debjit Dutta, Assistant Professor, Department of Mathematics, and others were awarded with Indian Patent entitled “A process for Isolation of flavonoid compound/rutin from plant SPILANTHIES PANICULATA”
- Mr. Alak Majumder, Assistant Professor, Department of Electronics & Communication Engineering, was awarded two Indian patents entitled “Payment Framework using Tokenization and Biometric Authentication” and “Motion Based Charger for a Portable Computing Device”
- Research paper authored by Mr. Alak Majumder, Assistant Professor, Department of Electronics & Communication Engineering, was awarded Best Paper award during the IEIE International Conference on Electronics, Information and Communication (ICEIC - 2017), Phuket, Thailand.
- Dr. Pallabi Kalita Hui, Dr. Saikat Kumar Jana, Dr. Shantonu Roy, Dr. Anup Paul, Dr. A. Vanav Kumar, Dr. Debjit Dutta, Dr. Prases Kumar Mohanty, Dr. M. Berlin and Dr. Deepak Gupta were each awarded Early Career Research Award 2016 from Department of Science and Technology, Government of India.

Placement

The Institute has produced a brilliant pool of young engineers who are working in reputed Industries like IBM, Infosys, Powergrid, Wipro, L&T Constructions, Huawei, Robert Bosch, Ashok Leyland, Tech Mahindra, Yodlee, Capgemini, Havells, First American etc.

In the academic year 2016-17, out of 83 eligible students 61 have been placed in various sectors of the corporate world with a highest package of Rs 18 Lacs per annum; few of the students have received more than one job offer. Many of our students have cleared examinations such as GATE, GMAT, CAT etc. and have opted for acquiring higher studies within India and abroad.

One of our B.Tech (ECE) students Mr. Kailash Prasad has qualified for prestigious direct PhD programme at IIT Gandhinagar.

Infrastructure Development

The permanent campus of the Institute in Jote is in under-construction; the construction works for Hostels, Staff Quarters, boundary wall, internal roads, water supply system, power supply system, shopping complex, medical unit, Institute guest house, central library are in progress and are likely to be completed soon. The construction works for Administrative building, Academic block and Director’s residence has progressed toward advanced stage of completion. The academic blocks of Chemical engineering & Bio-Technology and Mechanical Engineering departments have been almost completed. In addition, a block of type IV quarters has been completed and the approach roads to the Institute are being constructed.

MoU Signed

The Institute is involved in collaborative programmes with National Institute of Rural Development (NIRD), Govt. of India, Hyderabad for M.Tech in Appropriate Technology & Entrepreneurship Practices and IIT Mumbai for RESOURCE (Robust Extensions for Spoken Tutorial project on Open Source Software Usage for Recruitment Community and Education) centre for promoting the Spoken Tutorial project. MoUs with big industrial houses like Mahindra & Mahindra, IOL, IIT Guwahati & NITs are being planned in the current academic year.

NIT NCC UNIT

NIT Arunachal Pradesh has established a NCC unit in the campus where the NCC Cadets are encouraged to participate in various National and State level camps.

Cadets are also engaged in various social service and community development program during training year, such as Blood donation Camp, Anti Drug Awareness, Swachh Bharat Mission.

Some Notable achievements by our NCC Cadets are as follows:-

- 1st prize in all India NIC camp at Delhi
- 2nd Prize in NIC camp at Tezpur
- 1st prize in state level Firing, Line of Area etc.
- Award of NCC B & C Certificate to 122 students

Unnat Bharat Abhiyan

NIT Arunachal Pradesh has adopted 5 (Jote-1, Jote-2, Kampo, Sanggopota and Poma) villages under Unnat Bharat Abhiyan Scheme, to provide technological tools to rural and urban areas.

Sports Events and Achievements

In spite of non-availability of sports ground at temporary campus of the National Institute of Technology Arunachal Pradesh at Yupia, the sports events are conducted on regular basis with academic excellence in parallel. Despite many challenges and problems, the students are encouraged to participate in “ALL INDIA INTER NIT TOURNAMENT” every year. On the State Hood Day Celebration of 20th February 2012, a football match was arranged among students. On the 66th Independence Day of India, a cricket match was arranged on the date of 15th August 2012. Many other football and cricket matches were arranged in different occasions.

ERP System

Participating towards the programme “Digital India” an initiative of Government of India, the Institute is running ERP a complete automation system. The e-office and Academic Modules developed by the National Informatics Center (NIC), Government of India are implemented in this Institute.

Technical/Cultural Events

The annual technical festival ADDOVEDI 2016 was organized successfully during November 2016. A blood donation camp was organized by the ROSHNI in collaboration with ADDOVEDI 2016, NCC unit, NSS unit and the A. P. state AIDS Control Society at the university campus of the Institute. Also the Institute's annual cultural festival ATULYAM 2017 was held during April 2017. Students from various institutes participated in these events. International Women's Day was also organized at the Institute's campus with the participation of all the women students and employees.

National Institute of Technology Arunachal Pradesh has been continuously striving for excellence in imparting technical education of world class standards. Our faculty and staff are committed to provide an excellent environment to the students. Our Alumnus has been serving in various prestigious organizations in the country and abroad. Finally, I offer my congratulations to the degree-recipients and their proud parents and wish them a very bright future. I extend my sincere gratitude to all those who could grace this occasion with their esteemed presence. I also thank my faculty, staff and students for making arrangements for this Convocation. My sincere gratitude to His Excellence Governor Arunachal Pradesh; Hon'ble Chief Minister Arunachal Pradesh and other dignitaries for sparing their valuable time and gracing the occasion.

God Bless you all !

JAI HIND.

JAI BHARAT.