राष्ट्रीय प्रौद्योगिकी संस्थान सिक्किम

Actional Institute of Technology of the State of Technology of Techn

तृतीय दीक्षांत समारोह 3rd Convocation

सोमवार, कृष्ण पक्ष सप्तमी, विक्रम सम्बत २०७७ Monday, 07th December 2020



राष्ट्रीय प्रौद्योगिकी संस्थान सिक्किम National Institute of Technology Sikkim



तृतीय दीक्षांत समारोह 3rd Convocation





श्री रमेश पोखरियाल 'निशंक' माननीय शिक्षा मंत्री भारत सरकार



श्री संजय धोत्रे माननीय राज्य मंत्री शिक्षा,संचार एवं इलेक्ट्रॉनिकी और सूचन प्रीरी मंत्रालय, भारत संस्कृत



श्री प्रेम सिंह तमांग माननीय मुख्यमंत्री



tional Institute of Technology Sikk

दीक्षांत समारोह

3rd Convocation





VISION

India has the capability and the responsibility to offer the World Science & Technology essentially with sustainability, through philosophy, conscience and value system. NIT Sikkim will play its role.

MISSION

To develop the students as 'Thinking Engineers' by nurturing them in attaining and enjoying the technical and scientific excellence, global exposure and at the same time in beholding the philosophy and the values for India and the world as a whole.

OATH

On this solemn occasion of Convocation at Sikkim and in the presence of my teachers, distinguished guest and family, I pledge to use my knowledge and experience gained at NIT SIKKIM and elsewhere, in the service of the people of my country and of the world. I will do so while adhering to the highest ethical standards, in harmony with the environment, with utmost humility, honesty and devotion and thereby bring glory to my family, my alma mater, my profession and my country.

दीक्षांत समारोह सिक्किम के इस संस्कारपूर्ण अवसर पर एवं मेरे शिक्षकों और परिवार की उपस्थिति में, मैं एन.आई.टी सिक्किम और अन्य जगहों पर प्राप्त अपने ज्ञान और अनुभव को अपने देश और दुनिया के लोगों की सेवा में उपयोग करनेका वचन देताहूं। इस के लिए मैं उच्चतम नैतिक मानदंडोंका पालन करते हुए, पर्यावरणके अनुरूप, अत्यंत नम्रता, ईमानदारी और भिक्त के साथ अपने परिवार, अपने गुरुकुल, अपने व्यवसाय और अपने देश को महिमामंडित करूँगा।



Message from Hon'ble Prime Minister of India



प्रधान मंत्री Prime Minister

MESSAGE

It is a pleasure to learn that National Institute of Technology Sikkim is hosting its 3rd Convocation Ceremony. Heartiest congratulations and best wishes to all the graduating students.

The Convocation Ceremony is a memorable occasion for the graduating students of the institution. To graduate at a time when the humanity is facing an unprecedented crisis is not ordinary. It marks the end of one phase and signifies the start of a new journey, with the students' determination much bigger than these challenges.

Those who succeed are the ones who take on challenges head-on and defeat them. To continue learning new things everyday and striving for excellence while doing something helps one achieve greater success in life.

The intent and energy of the youth is powering the nation's collective resolve of building an Aatmanirbhar Bharat. I am confident that the graduating students of the institution will further this vision with a sense of responsibility.

May the occasion inspire and enable the students to take the journey within themselves and discover what they could offer to the world. Greetings to the teaching and administrative faculty as well on the occasion. I wish each one of you a bright and prosperous future.

May the online ceremony be a huge success.

~~...

(Narendra Modi)

New Delhi अग्रहायण 13, शक संवत् 1942 04th December, 2020

Prof. M. C. GovilDirector
National Institute of Technology Sikkim
Ravangla, Barfung Block, South Sikkim
Sikkim - 737139



Message from Shri Ganga Prasad, Governor of Sikkim

गंगा प्रसाद GANGA PRASAD



राज्यपाल सिक्किम GOVERNOR OF SIKKIM राज भवन गान्तोक–737103 (सिक्किम) RAJ BHAVAN GANGTOK-737103 (SIKKIM)

ओ र्म

SKM/GOV/MESG/2020/257 DATED: 27/11/2020

संदेश

अत्यंत हर्ष का विषय है कि आगामी 7 दिसम्बर 2020 को शिक्षा मंत्रालय के राष्ट्रीय प्रौद्योगिकी संस्थान सिक्किम के तीसरे दीक्षांत समारोह के आयोजन में मुख्य अतिथि के रूप में केंद्रीय माननीय शिक्षा मंत्री श्री रमेश पोखरियाल 'निशंक' जी प्रतिभागी बनेंगे। किसी भी देश के लिए शिक्षा एक प्रमुख स्तंभ है, शिक्षा मनुष्य के आचार-व्यवहार में आमूल- चूर्ण परिवर्तन करता है, देश का उन्नत होना देश की शिक्षा नीति पर निर्भर करता है। हमारी प्राचीन शिक्षा प्रणाली व्यक्तित्व के गुणों पर बल देता है, 'सादा जीवन उच्च विचार' जैसे कथन को सार्थक करती है। आज दीक्षार्थियों से इस विशेष दिन पर आग्रह करना चाहता हूँ कि आपने इस उपाधि को अपने कठोर परिश्रम से प्राप्त किया है, यह आपके और आपके परिवार के लिए अत्यंत गर्व का विषय है। अतः जीवन में आने वाली चुनौतियों का सामना डटकर करे, अपने प्राप्त उपाधि को सफल, सार्थक करने का प्रयास करें।

मैं ईश्वर से आप लोगों के सुखद, सफल और उज्जवल भविष्य की कामना करता हूँ।

शुभकामनाओं सहित,

गंगा प्रवाद

(गंगा प्रसाद)



Message from Shri Prem Singh Tamang Hon'ble Chief Minister of Sikkim



PREM SINGH TAMANG (GOLAY) CHIEF MINISTER SIKKIM

MESSAGE

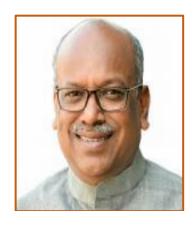
I am pleased to learn that National Institute of Technology Sikkim is organizing its third convocation on 7^{th} December 2020.

Education is the backbone of any country and upcoming institutes like NIT Sikkim play a major role in strengthening it. An institute's success depends upon the contribution of a variety of stakeholders and you, my students are the most important among them. From today onward you will become the torchbearers of the legacy of this Institute and the country as a whole. Your thoughts and actions should be responsible and decisive in nature as they will be intrinsically linked with the destiny of our future generations.

The Government of Sikkim is fully committed to the development of the education sector and I assure you that we will do everything to ensure that NIT Sikkim's progress continues unabated. The Government of Sikkim has already taken significant steps in this regard by allotting nearly 100 acres of land to NIT Sikkim at Khamdong near Singtam, for the purpose of development of its permanent campus.

I congratulate all of you on this auspicious occasion. May God bless you all.

Chief Minister's Office, Tashiling Secretariat, Gangtok - 737101, Sikkim Phone No.: 03592-201093 | Fax : 03592-201087 | Email: cm-skm@nic.in



Message from the Hon'ble Minister of State in the Ministries of Education, Communication and Electronics & Information Technology

संजय धोत्रे SANJAY DHOTRE



शिक्षा, संचार एवं इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी मंत्रालयों के राज्य मंत्री भारत सरकार MINISTER OF STATE IN THE MINISTRIES OF EDUCATION, COMMUNICATIONS AND ELECTRONICS & INFORMATION TECHNOLOGY GOVERNMENT OF INDIA

MESSAGE

I am pleased to know that the Third Convocation Ceremony of NIT Sikkim will be held on 07th Dec 2020. I extend my felicitations and best wishes to the students, faculty members and management of NIT Sikkim on this auspicious occasion.

In any society, the pursuit of education enhances and broadens the intellectual horizons of the citizen. Higher institutes of learning like the NITs advance new ideas, promote enduring knowledge, assist in inculcation of appropriate moral and ethical values among the students, and sponsor academic excellence and perfection. It is also important that the students are taught and groomed properly to become responsible, conscious and proactive citizens. I am happy to see the hard efforts made by the Institute administration over the years for the benefit of student, faculty and staff. It is a matter of great pleasure for me that NIT Sikkim is maintaining a high standard in its academic undertakings at par with the best in North East part of India.

I congratulate the graduating students who will be receiving degrees at the Third Convocation of NIT Sikkim and wish them all success in their future undertakings and professional careers.

Jai Hind

(SANJAY DHOTRE)

Message from

Shri Amit Khare, Secretary (HE), Ministry of Education, Govt. of India

अमित खरे, भा.प्र.से. सचिव AMIT KHARE, IAS Secretary

Tel. : 011-23386451, 23382698

Fax: 011-23385807 E-mail: secy.dhe@nic.in



भारत सरकार Government of India शिक्षा मंत्रालय Ministry of Education उच्चतर शिक्षा विभाग

Department of Higher Education 127 'सी' विंग, शास्त्री भवन, नई दिल्ली—110 001 127 'C' Wing, Shastri Bhawan, New Delhi-110 001



December 02, 2020

MESSAGE

It gives me great pleasure to congratulate the graduating students, faculty, and staff of NIT Sikkim on the occasion of its 3rd Convocation. I am aware of the excitement and the anticipation with which an event as important as Convocation is awaited, and I am happy to send my greetings on this significant occasion.

The National Institute of Technology Sikkim is highly regarded in North-East India for the academic excellence. NIT alumni occupy prominent positions in Indian academia, industry, public service and are expected to play vital role at national and international level to impact the lives of billions of people around the globe.

The people of India have high hopes from all the graduating students of NIT Sikkim. It is expected that you will work for the advancement of the society, fully applying the skills and training which you have been privileged to receive during your time at the Institute.

I would like to congratulate the NIT Sikkim academic and administrative community for their great achievement in a short span of time.

I would like to ask the graduating students of NIT Sikkim to remember the teachers whose efforts and achievements have enabled them to see far and perhaps one day, they too will be an inspiration. My best wishes to the graduating students.

Jai Hind

(Amit Khare)

BRIEF PROGRAM SCHEDULE

- 10.50 hr. Academic Procession proceeds to the Convocation Hall
- 10.55 hr. Academic Procession arrives in the Convocation Hall
- 11.00 hr. National Song
- 11.02 hr. Director declares the 3rd Convocation open
- 11.03 hr. Welcome address by the Director and the Director's Report is presented
- 11.32 hr. Award of the Director's Gold Medal for best overall performance in the batch / Institute Gold Medal for securing highest marks in the batch / Gold Medal for securing highest marks in the department respectively (virtual)
- 11.38 hr. Director awards the Doctor of Philosophy degrees to recipients
- 11.40 hr. Dean Academic presents the candidates for the award of the degrees of M.Tech. in the following:
 - (i) Computer Science and Engineering
 - (ii) Electronics & Communication Engineering
 - (iii) Electrical and Electronics Engineering
- 11.44 hr. Dean Academic presents the candidates for the award of the degrees of M.Sc. in Chemistry
- 11.46 hr. Dean Academic presents the candidates for the award of the degrees of B.Tech. in the following:
 - (i) Biotechnology
 - (ii) Civil Engineering
 - (iii) Computer Science and Engineering
 - (iv) Electronics & Communication Engineering
 - (v) Electrical and Electronics Engineering
 - (vi) Mechanical Engineering
- 12.00 hr. Director and Registrar sign the Scroll of Degrees
- 12.02 hr. Oath taking by the degree recipients

12.04 hr. Message by the Honourable Dignitaries.

12.15 hr. Convocation Address by the Chief Guest Shri Ramesh Pokhriyal

'Nishank', Hon'ble Minister of Education, Govt. of India

12.35 hr. Presentation of memento to Guest of Honours and the Chief Guest

12.37 hr. Chairman declares the 3rd Convocation closed

12.38 hr. National Anthem

12.40 hr. Academic Procession leaves the hall

Degrees to be Awarded

3rd Convocation 2020

Doctoral 2018Ph.D. 02
Ph.D. 01

Postgraduate 2018
M. Tech. 19
M. Tech. 18
M. Sc. 15

Undergraduate 2018
B. Tech. 87
Undergraduate 2019
B. Tech. 100



Prof. Mahesh Chandra Govil Director - NIT Sikkim

Prof. Mahesh Chandra Govil, the Director, NIT Sikkim holds vast administrative and academic experience spanning over thirty four years. He joined the Malaviya National Institute of Technology in September 1986 as Assistant Professor. He was the founder head of the department of Computer Science and Engineering, and Information Technology at MNIT Jaipur. He headed the department in various stints from 1996 to 2016. He served as the founder Principal of Government Women Engineering College, Ajmer. Concurrently, he held the post of Principal (Additional Charge) of Government Engineering Colleges at Ajmer, Banswara and Bhilwara. He has been the coordinator of IMPACT, Information Security Education and Awareness Program (ISEA), Govt. of India.

He has been Coordinator for IIIT Kota for establishing this new Institute running at MNIT Jaipur. He was also the Director of Centre for E-Governance, Jaipur where his responsibilities comprised of creating industry-ready employable engineers, promoting placement activities and facilitating training in state-of-the-art technologies. He has served in various capacities in several Central and State Government committees including National Board of Accreditation (NBA) and AICTE.

Prof. Govil has been a senate member of MNIT Jaipur and served on the board of various reputed institutions and universities like Rajasthan Knowledge Corporation Limited (RKCL), Secondary Education Rajasthan (Ajmer), University of Rajasthan

Jaipur, JNV University Jodhpur, VMOU KOTA, RTU Kota, Academic Advisory Committee (AAC) New Delhi, and various selection committees for faculty and staff.

He has also been involved in various government projects and research consultancies for MOE, AICTE, Government of Rajasthan and DST Jaipur. His humane side is reflected by the projects for The Learning Foundation India (TLFI) and Prayas (a vocational institute for the mentally challenged children).

He has contributed to the academic community in the shape of over 100 research publications and is member of the Institute of Electrical and Electronics Engineers (IEEE), Institution of Electronics & Telecommunication Engineers (IETE) and Life Time Member of Indian Society for Technical Education, India (ISTE). He has successfully guided seven doctoral and many M.Tech. students.

Prof. M.C. Govil obtained his Bachelor of Engineering degree from MNIT (MREC, Jaipur) and M.Tech. and Ph.D. degree from IIT Roorkee. His areas of specialization are Real Time Systems, Parallel and Distributed Computing, and Cloud Computing. Other areas of interest include Software Engineering, Internet of Things (IoT), Fault Tolerance, Computer Network, Cyber Security.

His illustrious career is studded with several prestigious awards:

- STAR ICON Award 2016: for the best contribution in the field of Software Engineering by SMARTCOM
- Certificate of Honour: by United Engineers' Council, Rajasthan in Sept. 2010
- Certificate of Appreciation: MNIT Certificate of Appreciation, 2007
- Certificate of Honour: Awarded Second Best Project in Microsoft Student Projects Expo
- Letter of Appreciation: Centre of Excellence (UK-REC Project)
- Letter of Appreciation: For conducting RPET 2001

He joined NIT Sikkim in May 2107 and since then has been a guiding light for this emerging Institute.

Welcome Address

I am highly privileged and deeply honoured to stand before you at this historic moment of the third convocation of National Institute of Technology Sikkim. The convocation has been delayed and is being held online due to the ongoing COVID-19 pandemic. This convocation is a testament to the fact that humanity can defy the toughest threats to its very existence if it stands together and stays united. At the outset, I extend a very gracious and hearty welcome to our Chief Guest, Hon'ble Minister of Education, Government of India, Shri Ramesh Pokhriyal 'Nishank' Ji and Guest of Honour, Hon'ble Minister of State for Education, Government of India, Shri Sanjay Dhotre Ji on this auspicious occasion. We miss the presence of our beloved and dynamic Hon'ble Chief Minister of Sikkim Shri Prem Singh Tamang Ji due to his busy schedule. However, he has deputed Shri S. C. Gupta, Chief Secretary, Govt. of Sikkim to attend the Convocation. I heartily welcome the Hon'ble Chief Secretary of the State of Sikkim Shri S. C. Gupta Ji. It is often said that a country's destiny is linked to the quality of leaders and administrators that it produces and it gives me an immense pleasure to acknowledge that we have the finest present amongst us today.

Shri Ramesh Pokhriyal 'Nishank' Ji, an author of great repute has acted as a harbinger of change for the education system in India by introducing the futuristic National Education Policy (NEP 2020). Through the successful implementation of this bold and visionary policy India hopes to seal its place among an elite group of academically advanced nations. 'Nishank' Ji's unmatched zeal in creating a population that is adept at both practical reasoning and critical thinking has resonated with the youth of this country who see him as a beacon of hope. His acumen in blending innovation with the ethos of nation building was evident from his earlier stints as a minister in the Uttar Pradesh and Uttarakhand legislative assemblies and subsequently as Chief Minister of Uttarakhand where he conceptualized path breaking social initiatives such as 'Sparsh Ganga'. Pokhriyal Ji's unwavering support to upcoming educational institutes like NIT Sikkim has

helped in strengthening the fabric of the higher education system in the country. Nishank Ji has won many laurels across the world which includes being feted by the Prime Ministers of Bhutan, Uganda, Nepal and Mauritius. Special recognition has been meted out to his literary arts by countries such as UAE, South Africa, Belgium, Ukraine, Indonesia, Japan and Thailand. He was recently bestowed with the prestigious Vatayan UK Lifetime Achievement award, which is given to literary personalities possessing an exemplary body of work. Sir, thank you very much for accepting our humble invitation and being here amongst us today to bless the students, faculty and staff.

I would also like to take this opportunity to thank Shri Sanjay Dhotre Ji, Hon'ble Minister of State for Education, Communication and Electronics & Information Technology, Govt. of India for showering the blessings and good wishes. Shri Dhotre Ji has contributed immensely to the growth of rural India by championing the cause of farmers. He is also an extremely well-respected agriculturist who has been able to uplift the lives of poor farmers by bringing the fruits of scientific innovation to their doorsteps. Shri Dhotre ji through his terms as Minister of State for Communications, Electronics & Information Technology and Education Government of India, has been instrumental in creating highly skilled technologically advanced workforce which will enable the creation of a Self-Reliant new India which is self-sufficient in nature and realize the dream of our visionary Hon'ble Prime Minister – Aatma-Nirbhar Bharat.

I wholeheartedly acknowledge the support of the Hon'ble Chief Minister of Sikkim Shri Prem Singh Tamang Ji to this convocation ceremony. Shri Tamang ji possesses a sterling political career consisting of several notable achievements. Widely regarded as a youth icon, Shri Tamang Ji became the minister for Animal Husbandry, Ecclesiastical and Industry Department of the Government of Sikkim at the young age of 26. He held this post from 1994 to 2004, after which he became the minister for Building and Housing Department, Government of Sikkim from 2004 to 2009. In 2014, Shri Tamang ji established his own political party, Sikkim

Krantikari Morcha, his continuous hard work and sacrificial actions for the state of Sikkim and its people resulted in his party recording an astounding victory in the Sikkim State Assembly elections of 2019. Subsequently, Shri Tamang ji became the Chief Minister of Sikkim enabling him to follow his vision of creating a Sikkim which is a self-sustainable state making great strides in the area of industrial and agricultural development, quality of life and imparting justice to all.

We are extremely thankful and offer him our heartfelt gratitude for allocating the required land for the establishment of the permanent campus of NIT Sikkim at Khamdong near Singtam. Khamdong has several advantages with regard to climate, communication, transport facilities and its proximity to the state capital Gangtok. The topography of the allocated land is well suited for the construction of the permanent campus of the Institute which will be greatly beneficial for all stakeholders.

We welcome and thank Shri Gupta Ji for sparing his precious time to grace this important occasion and to bless the degree recipients.

I once again welcome our Chief Guest and Guests of Honour. I extend my utmost sincere gratitude to all the Hon'ble Ministers, MLAs and MPs for their gracious presence and good wishes. I would also like to take this opportunity to welcome the members of BoG, members of Senate, Secretaries, officers and officials of Govt. of India and Govt. of Sikkim, the Deans, the Head of Departments, faculty and staff, my friends from media and all other dignitaries present. I would like to specially acknowledge Shri G. P. Upadhyaya Ji, IAS, Additional Chief Secretary, Govt. of Sikkim and Shri Madan Mohan Ji, Additional Director General, Ministry of Education, Govt. of India for their gracious presence at this convocation ceremony. I also warmly welcome all the degree recipients, their parents and students.

क्षमया दयया प्रेम्णा सूनृतेनार्जवेन च । वशीकुर्याज्जगत्सर्व विनयेन च सेवया ।। सूक्तिमाला ।।

The whole world can easily be won by forgiveness, mercy, love, good words, honesty modesty and service.

I congratulate the degree recipients and their parents on this special occasion.

Dear Students, you are now reputed graduates of NIT Sikkim. I would have loved to have you here, physically attending this convocation, but the pandemic brought upon other plans. Nonetheless, your graduation calls for celebration even if it is through a screen. Being here, listening to me today, shows that you have finally reached the end of an amazing journey at NIT Sikkim and have a fulfilling experience ahead of you. The world needs people like you, educated and determined. As students, you inspire me to hope and dream. You continuously take on challenges, overcome setbacks, and put your best foot forward in the most positive ways. I believe that each one of you have the ability to live up to your full potential and do this while leading the lives that make you happiest. I hope you take what you have learned these past years with you into the future. Throughout your life, you have been taught many lessons from your friends, your family, faculty and staff. It is now your turn to implement these lessons as you go forward. It will not be easy because good things do not come easy. However, if I want you take one thing from this speech, it is that if you truly believe in your potential and hard work to achieve your goals, good things will come to you when you least expect it.

Congratulations once again and I wish you best of luck in your future.

With this now I present a brief report of the institute activities -

Director's Report

National Institute of Technology Sikkim will confer degrees upon 242 students who have graduated in the years 2018 and 2019. It includes 187 students of Bachelor of Technology, 37 students of Master of Technology, 15 students of Master of Science and 3 students of Doctor of Philosophy.

I congratulate each one of you.

The NITs were established by the Government of India to impart quality technical education to students by providing world class infrastructure and advanced pedagogical tools to foster innovation and creativity. Further, to visualize the dream and to make technical education easily accessible, the Government of India took an important decision to establish such institutions in almost all states. The participation of youth across the country in the holistic development of the nation is an absolute necessity and technology plays a vital role in this context. These institutions empower the youth of the country through education. The State Governments are key stakeholders in the growth of such institutes and without their active support, the vision of these institutes cannot be realized. I take this as an opportunity to thank the Hon'ble Chief Minister for his kind cooperation and guidance towards accomplishing the vision and mission of the Institute. I am also thankful to him for believing that the relationship of a state and its premier educational Institute is both symbiotic and synergic in nature. The support of the State Government in nurturing this Institute will enable both the State and the Institute to develop rapidly. His commitment towards the Institute is validated by the fact that one of the key decisions taken by him during his initial days as the Chief Minister of the State, was to allocate land for the permanent campus of NIT Sikkim. We thank the Chief Minister for realizing the problem of students at Ravangla and allocating the land at Khamdong which is highly suitable for such technical institution. I am aware of the problems faced by the earlier batches of students in this temporary campus. But we are working relentlessly to provide all necessary academic and other facilities to students to ensure their holistic development.

NIT Sikkim was established in the year 2010. It is one of the new NITs of the country and presently functioning from its temporary campus at Ravangla. The Institute has been able to mitigate the teething problems and has progressed slowly but steadily in its pursuit of academic excellence. I will present before you some glimpses of the Institute's progress to keep you abreast with the achievements, activities and events during the past few years.

National Institute of Technology Sikkim started its journey with 3 under graduate programs in Computer Science & Engineering, Electronics & Communication Engineering, and Electrical & Electronics Engineering with intake of 30 students each. Presently, around 1000 students are enrolled in NIT Sikkim. The Institute offers undergraduate programs in Civil Engineering, Computer Science & Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering, and Mechanical Engineering. The postgraduate programs are offered in Computer Science & Engineering, Electrical Engineering, Microelectronics & VLSI Design and Chemistry. The Institute also offers Ph.D. programs in all engineering disciplines, basic sciences and humanities. The present sanctioned strength of faculty is 38 and non-faculty is 37.

The introduction of the National Education Policy (NEP) 2020 was a watershed moment in the history of education in India. With its successful implementation under the able leadership of our beloved Hon'ble Prime Minister Shri Narendra Modi ji and revered Hon'ble Minister of Education, Shri Ramesh Pokhriyal 'Nishank' Ji, the Indian education system will break free from the shackles of overbearingly rigid curricula, outdated gradation system, stifling examination process and venture into a brave new world where ingenuity takes precedence over mindless slogging, quality steals a march over quantity and archaic and obsolete academic pursuits are denigrated to the background. Our constitution proclaims that education is a fundamental right of every citizen of this country and NEP 2020

will ensure that right can be accessed and exercised by all, irrespective of their economic or social background. This education policy harbors an enterprising ambition of tapping into the inner recesses of the mind of the country's youth in order to lay the foundation of a society which revels in unbridled pursuance of knowledge, celebrates novelty and fosters an environment of productivity. The Hon'ble Prime Minister and the Hon'ble Education Minister have brought the country to the precipice of achieving an education system which is both robust and inclusive, flexible yet practical, state of the art but accessible. NEP 2020 envisions to weave the primary and secondary school structure with the higher education system into one seamless educational experience through a set of common goals and outcomes. Through its inherent optimism and irrepressible aspiration NEP 2020 will enable our country to transgress from a literate nation into a highly educated and erudite one. The Institute is enthusiastic and eager to implement the NEP2020 through a multidisciplinary approach in teaching and research for holistic development of students to be globally competitive and productive.

एको धर्म: परम श्रेय: क्षमैका शान्तिरुक्तमा। विद्वैका परमा तृप्तिरहिंसैका सुखावहा।। विदुर नीति ।।

Righteousness is the one highest good, forgiveness is the supreme peace, knowledge is the supreme contentment and benevolence is the supreme happiness.

The Senate of the Institute has already stepped on the path of implementing NEP 2020. Some of the initiatives in this direction have already been taken and the committees have been framed to effectively achieve the various innovative goals of NEP 2020. Comprehending the problems of Bio-tech students due to acute shortage of resources, they were deputed to Dr. B. R. Ambedkar National Institute of Technology Jalandhar. I appreciate and thank the Director, Prof. Lalit Awasthi for readily agreeing to this call and allowing our students to complete their remaining semesters in their Institute and also arranging for the placement.

I also thank Prof. Uday Kumar Yaragatti, Director, Malviya National Institute of Technology Jaipur for extending help whenever needed and permitting their faculty to supervise the young faculties of NIT Sikkim in their research work. The needed cooperation among NIT's will definitely ensure realization of NEP 2020.

The Institute due to the temporary nature of its campus has encountered a perennial problem of constraint of space since its inception. But in the last few years we have alleviated this problem to some extent through the construction of low cost steel sheds with minimal maintenance requirements. These projects have witnessed a blend of standard construction techniques with the innovative usage of recyclable and scrap materials which enabled the creation of 15 new laboratory spaces at a fraction of the cost. Laboratories are the crux of the curricula of any technical institution. The Institute was unable to provide even the basic laboratory facilities forcing the students to travel to distant educational institutions for completing their laboratory courses. I am happy to inform you that constant hard work of the faculty members and staff has resulted in the establishment of nearly all basic laboratories of each Department by the creation of additional space and procurement of equipment. Presently, the Institute is focusing on development of cutting-edge research facilities through the upgradation of its existing infrastructure. The procurement process for the same is currently underway and within a few months the Institute will be equipped with advanced laboratory facilities.

I acknowledge the contribution of TEQIP-III project which has helped in creation of some of the undergraduate and postgraduate advanced laboratories and supporting students, faculty and staff developmental activities. Some of the classrooms have been equipped with smart boards, projectors etc. to improve the teaching-learning environment and enable the faculty members to communicate effectively with the students remotely, which is particularly important during the COVID19 pandemic. The various laboratories set up in last two years are – Heat Transfer, Theory of Machine, Production Engineering, Heat Engine, Electrical Machine, Control System, Power System, Power Electronics, Environmental

Engineering, Structural Engineering, Geotechnical Engineering, Language, Antenna and Wave Propagation, Digital Signal Processing, Wireless Communication, Optical Communication, Internet of Things, Cloud Computing, Computer Network, ANSYS based simulation. We have also placed utmost emphasis on new age technologies such as Artificial Intelligence and Machine Learning and have incorporated them into our curriculum.

"A Library is a treasure for those who can read, but it is a mother lode of peace for those who can understand". The most selfless thing a library does is shape the minds of a country's future by encouraging and promoting the process of learning and attaining new knowledge. It helps in gaining fresh perspective about life. It also helps in increasing the concentration level of students. The Central Library was established in 2012 as the Knowledge and Information Centre, providing access to scholarly information, research support, and study facilities. The library has grown steadily from its early days and has a reasonable number of quality learning resources for the academic fraternity of the Institute, both in print and digital format. It has a good collection of text books, e-books, reference books, encyclopedias, dictionaries, journals and magazines. The Institute subscribes to journals such as IEEE, Springer-Nature, SciFinder, ACM Digital Library, American Physical Society, NDL e-Resources, to cater to the needs of the students and researchers. However, the constraints of space and specialized manpower in the present temporary campus is a hindrance to the growth of this very important resource of an academic institution. Despite the limitation of space, a reading room with proper facilities has been provided to the users so that they can utilize the library during evening and late hours.

The advance computational facilities are of utmost importance in this modern era. Realizing the importance of research and innovation in teaching-learning, the Institute is continuously upgrading infrastructure to support research and consultancy activities, AI and Machine Learning based learning, Internet of Things, Cloud Computing, Cyber Security, etc. research and development. The

Institute has also procured several equipment in the recent years, which are necessary for experimental research. The Institution offers research programs in Engineering, Basic Sciences and Humanities & Social Sciences. Currently, 50 M.Tech. students and 54 research scholars are actively pursuing their research. The Institute provides financial assistance to all Ph.D. Students from the Institute/TEQIP-III and has also received support for 5 full-time Ph.D. fellowships under the Visvesvaraya Ph.D. scheme of the MeitY, Government of India. The faculty members have been awarded several extramural projects by various agencies like Department of Science & Technology (DST), Indian Council of Social Science Research (ICSSR), Council of Scientific and Industrial Research (CSIR), Ministry of Electronics & Information Technology (MeitY), National Mission on Himalayan Studies (NMHS), and Ministry of Environment, Forest & Climate Change. The Institute is also participating in the Special Manpower Development Program for Chip to System Design (SMDP-C2SD) of Ministry of Electronics & Information Technology (MeitY), Government of India. It focuses on developing manpower in the field of VLSI and prototypes of System on Chip using FPGA/ASIC ICs. The project which has been undertaken at the Institute is "Design of class C power amplifier for RF Applications" in collaboration with IIT Kharagpur. The research work of the faculty members and scholars have been published in many notable Journals and Conferences and are recognized both nationally and internationally. In the last two years the faculty members have published 89 research articles in renowned journals, 71 research articles in conferences and has contributed in the publication of 17 books and book chapters. NIT Sikkim regularly conducts workshops on emerging technologies by engaging experts from academia and industry. Faculty development programs on the fledgling domain of 'Quantum Information and Computation' and the critical field of 'Cyber Security' were recently organized. I am glad that Dr. Surajit Kundu, Assistant Professor, Department of Electronics and Communication Engineering has received Young Indian Radio Scientist Award from URSI InRaSs in March, 2019 at New Delhi.

Research and innovation are driving forces for the development of any nation. Academia and industries are focused on innovative products of disruptive technologies which would eventually bring the new era of Industry 4.0. Our students also need to be involved in such dynamic changes. Their imagination and talent are key ingredients for driving institutional growth in the future. NIT Sikkim has envisaged such requirements of future and encourages its students to be involved in innovative works to usher in academic excellence and technologies for the future. The ultimate objective is to develop a new academic community that is market ready and knowledge driven.

The innovation cell of the Institute encourages and supports students to explore their creativity and innovativeness. Students are engaged in innovative works and Institute supports them to showcase their talents in technical fests in the Institute and elsewhere. Students have participated and received appreciations from various national level competitions like Texas Instrument IICDC 2019 contest, NTPC Electron Quiz 2019 in Kolkata, GRIDTECH 19 by Power Grid in Delhi in 2019, NC-RISE in Dehradun in 2019. I am happy to inform you that a B.Tech. student Mr. Prince Raj started "Agridhaan Global Private Limited" which has been recognized as a startup by the Department for Promotion of Industry and Internal Trade, Government of India in 2020. We wish him all success in his future endeayours.

विद्यां चाविद्यां च यस्तद्वेदोभयं सह । अविद्यया मृत्युं तीर्त्वा विद्ययामृतमश्रुते ।। ईशोपनिषद् ।।

One who knows both the material science and spiritual science transgresses fear by the former and attains salvation by the latter.

The training and placement cell is one of the important driving forces of the Institute. The activities of the cell are multi-pronged. The cell is the primary Institutional body which maintains vital liaison with the industry. A number of lectures, seminars and workshops are organized under the Industry Readiness Program, for the final and pre-final year undergraduate and postgraduate students. It has been observed that the program has an undeniable impact on the placement

statistics and on the professional skills of the students. Some of the recent workshops conducted by the cell were on Power Systems by Prof. Debapriya Das, IIT Kharagpur, Computational Intractability by Prof. Bireswar Das, IIT Gandhinagar, Development of Creative and Critical Thinking by Prof. Supriya Agarwal, CU Rajasthan, Language through Literature by Prof. R. K. Singh, CU Allahabad.

Various initiatives taken by the Institute has resulted in an increase of the placement percentage to 65% in spite of many hardships due to the remote location of Ravangla. The students are placed in various companies like Intel, IBM, Infosys, Capgemini, BPCL, CGI, Robert Bosch, Tech Mahindra, L&T Construction, AECOM, Vedanta Ltd., L&T Power, Power Grid Corporation of India Ltd, Bharat Electronics Ltd etc.

Internships are an essential component of the undergraduate engineering curriculum. The Training and Placement Cell supplements the efforts of the individual Departments for arranging internships for students in reputed industries. In last academic session, the Institute successfully placed 301 students for internships at 86 organizations/Institutes.

NIT Sikkim is continuously striving to provide excellent academic environment to ensure holistic development of the students to safeguard the future of the country. The Institute has well qualified and dedicated faculty and staff who have propelled the Institute forward. We are also aware of our duties towards the society and the Nation. The faculty members, staff and students are actively involved in social developmental activities and are also helping other academic institutions across the State. The Institute always strives to instil a sense of societal responsibility among the people associated with it. Through a slew of initiatives the students, faculty members and staff of NIT Sikkim have been involved in the upliftment of the underprivileged section of the society. Regular computer literacy classes are held for the local school students in the campus. The faculty members and students visit the nearby children's home to teach the inmates. Recently, a skill development

program was organized by the Institute through which the local workers were taught skills such as housekeeping, cleanliness, carpentry, welding, modern construction techniques, etc. Programs of this nature will enable the creation of a multifaceted skilled self-sustaining local workforce.

As the Institute believes in overall development of students, it encourages them to participate in co-curricular and extracurricular activities like technical, cultural, literary, games and sports events. These events are mainly organized by the students under the guidance of faculty and staff. Some of the major events organized every year are Abhiyantran – the annual technical fest, Udgam – the annual cultural fest and the annual sports meet. During "Abhiyantran" the students showcase their innovations and creativity. The event provides a platform for the students to come up with their new ideas in the field of science and technology. An exhibition is held during the technical event where the students display prototype working models. A number of workshops and seminars on emerging technologies by experts from industry and academia are organized during the event. The sixth chapter of the event was organized recently and was a huge success. The Union Government's flagship program called Swachh Bharat Abhiyaan was also carried out during Abhiyantran. The students and faculty members of the Institute came together and conducted a cleanliness drive in and around the campus. *Udgam* is the annual cultural fest of the Institute. Students from different corners of the country showcase their cultural and literary talents during the event. The event aims to instil confidence in the students to showcase their talent and creativity through various competitions & events organized. The Institute has also established various clubs like The Regnant Ink (Literary Club), Aayas (Social club), Photography Club and departmental clubs to provide maximum opportunity to the students to develop a multifaceted personality. Mental fitness is just as important as physical fitness. and shouldn't be neglected. Including mental dexterity exercises in daily routine helps in reaping the benefits of a sharper mind and a healthier body for years to come. The Institute regularly organizes Art of Living sessions for students, faculty and staff.

The Institute organizes games and sports regularly and an annual sports meet is also organized every year. A number of indoor and outdoor games and sports events are organized, like "Xplode Cup" and "Monsoon Cup". Students also participate in various Inter-NIT and inter-institute tournaments hosted by other institutes in different parts of the country. The Institute has two well-maintained fields where students can play Football, Volleyball, Kho-Kho, Cricket, etc. In spite of limited resources, the students are performing well in sports and games.

NIT Sikkim actively participates and promotes flagship programs of the Government of India like Swachh Bharat Abhiyan, Rashtriya Ekta Diwas, Ek Bharat Shreshtha Bharat, Unnat Bharat Abhiyan, Constitution Day Celebration, Fit India Movement, Sadbhavana Diwas, Mother Tongue Day (Matri Bhasha Diwas), Hindi Pakhwada, Pariksha Pe Charcha, Unity Day. All students, faculty members and staff actively participate in these events and conduct various activities along with cleanliness drives. The Institute also invites eminent personalities to encourage and motivate the students during these events. The "Fit India Movement" was also organized on campus recently, taking due care of COVID-19 protocols. A workshop on Awareness Campaign on "Preventive Measure and Drug Demand Reduction" was recently organized for the students of NIT Sikkim and local schools. Prof. Pratima Murthy, NIMHANS, Bangalore and Shri. P. D. Rai, Ex. MP, Sikkim delivered a much needed talk elucidating the harmful effects of drugs and the irreparable damage it causes to the health of an individual.

Throughout the history of our great nation, it has endured many terrible catastrophes in the form of partitions, riots and tsunamis but it has emerged out of each of these calamities with unparalleled vigor and continued its progress to become the world's largest democracy and a key stakeholder in the formation of major global policies. This has only been possible due to immense resilience, tenacity and persistence of the people of India. But now the country like the rest of

the world has come under the clutches of an invisible evil which has manifested itself in the form of COVID19. In order to fight it and emerge victorious, we as a country need to dig deep into our vast reserves of human capital, apply our scientific intellect and fan our extreme thirst for creativity to the hilt. This will enable us to re-strengthen and re-vitalize our economy in a short period of time. This can only be done if we start looking inwards rather than outwards by developing indigenous technologies across a broad spectrum of areas such as renewable energy, sustainable infrastructure, a transparent and inclusive financial system, a robust and impenetrable defense framework etc. Combining all of these and much more, our beloved and Hon'ble Prime Minister Shri Narendra Modi ji has come up with a pioneering initiative called 'Aatma-Nirbhar Bharat' under which an economic stimulus to the tune of ₹20 lakh crores is going to be offered to us, the people of India to enable us to transform this country into a self-reliant one capable of meeting the ever-increasing needs of its burgeoning population. For this initiative to succeed and the country to prosper, it is you, the youth of this country who have to come forward. It is time to harness your innate potential and transform your restlessness into developing concrete solutions for our Nation's problems. It is imperative to say that an Aatma-Nirbhar yuva samaj is a key ingredient to achieving an Aatma-Nirbhar Bharat and make this great nation 'सोने की चिड़िया' again.

सुखदुःखे समे कृत्वा लाभालाभौ जयाजयौ | ततो युद्धाय युज्यस्व नैवं पापमवाप्स्यसि || श्रीमद्भगवद्गीता ||

Treating alike victory and defeat, gain and loss, pleasure and pain, get ready for the battle; fighting thus you will not incur sin.

NIT Sikkim is nestled in perhaps the most picturesque landscape and offers unparalleled scenery. However, I am well-aware of the hardships, scarce resources and lack of facilities. The hilly topography and extreme climate poses great challenges. The distance from airport and railway station to the temporary campus makes accessibility a big issue for students, faculty members, staff and the recruiters. But, I strongly believe that these problems will make us more

determined to excel in our respective fields and life. I acknowledge the efforts of faculty and staff who are giving their best tirelessly to make this Institution a preferred place of study. I also appreciate the zeal of students to learn which fuels them to live here.

तस्मादसक्तः सततं कार्यं कर्म समाचर | असक्तो ह्याचरन्कर्म परमाप्नोति पूरुषः || श्रीमद्भगवद्गीता ||

Give up attachment, perform actions as a matter of duty, for by working without being attached to the fruits, one attains the Supreme.

We promise you that no stone will be left unturned in bringing a change for good. I am happy to inform that the Hon'ble Chief Minister of Sikkim has understood our plight and the Government of Sikkim is likely to handover a suitable piece of land at Khamdong near Singtam, for the construction of permanent campus of the Institute, very soon.

As an institute of higher learning, along with imparting technical knowledge, it must instil moral values so that the graduating students become good citizens and good human beings benefiting the society and the nation. From today onward, you will be furthering the legacy of this great Institute of National Importance. Your thoughts and actions will be responsible for the destiny of our future generations. You have this responsibility that being an achiever in your life, you will be a source of help and inspiration to your alma-mater, society and the Nation as a whole.

I now conclude by wishing you great success in all your future endeavours.

"May God bless you all"

I am highly thankful to the Hon'ble Minister of Education, Government of India, Shri Nishank Ji, the Chief Secretary, Govt. of Sikkim, Shri S. C. Gupta Ji and all distinguished guests for sparing their valuable time and gracing this occasion. I am also thankful to the Hon'ble Prime Minister, Shri Narendra Modi Ji, His Excellency, The Governor of Sikkim, Shri Ganga Prasad Ji, Hon'ble Chief Minister of Sikkim, Shri Prem Singh Tamang Ji, Hon'ble Minister of State in

Ministries of Education, Communication and Electronics & Information Technology, Govt. of India, Shri Sanjay Dhotre Ji and to the respected Secretary (Higher Education), Govt. of India, Shri Amit Khare Ji for sending their good wishes and blessings to graduating students, faculty and staff members. staff members.

Jai Hind



डॉ. रमेश पोखरियाल 'निशंक' माननीय शिक्षा मंत्री, भारत सरकार

Dr. Ramesh Pokhriyal 'Nishank' Hon'ble Education Minister, Government of India

हमारे देश में शिक्षा मंत्री के पद पर श्री मौलाना अबुल कलाम आज़ाद, श्री फकरुद्दीन अली अहमद, श्री वी. पी. सिंह, श्री अर्जुन सिंह, भारत रत्न श्री अटल बिहारी वाजपेयी, श्री मुरली मनोहर जोशी जैसे अत्यंत प्रभावी व्यक्तित्व वाले राजनीतिज्ञ कार्य कर चुके हैं। इस पद पर आसीन व्यक्ति ना सिर्फ राजनीति में बल्कि शिक्षा एवं संस्कृति में गहरी रूचि रखने वाला होना चाहिए। इस समय इस पद पर माननीय डॉ रमेश पोखरियाल 'निशंक' जी का चुनाव हमारे यशस्वी प्रधानमंत्री श्री नरेंद्र मोदी जी ने बहुत सोच विचार कर किया है।

डॉ निशंक 1991 में कर्णप्रयाग से पहली बार उत्तर प्रदेश विधान सभा के सदस्य निर्वाचित हुए उसके बाद लगातार दो बार 1993 और 1996 में फिर से विधान सभा सदस्य निर्वाचित हुए। उसके बाद आपको 1997 में पहली बार उत्तर प्रदेश सरकार में कैबिनेट मंत्री का दर्जा दिया गया। आपको उत्तराँचल विकास विभाग का मंत्री बनाया गया और 1998 में संस्कृति एवं धर्मस्व मंत्रालय का कार्यभार दिया गया।

डॉ निशंक, आपकी उत्कृष्ट नेतृत्व क्षमता को देखते हुए 2000 में जब पहली बार उत्तराखण्ड की अलग सरकार बनी तब एक बार फिर आपको बड़ी जिम्मेदारी दी गई एवं केबिनेट में वित्त, ग्राम विकास, चिकित्सा सिहत 12 विभागों का मंत्री बनाया गया। इसके बाद माननीय निशंक जी मार्च 2007 से लेकर जून 2009 तक उत्तराखण्ड सरकार में चिकित्सा, स्वास्थ्य एवं परिवार कल्याण, आयुष, विज्ञान एवं प्रौद्योगिकी के कैबिनेट मंत्री रहे।

जून में ही डॉ निशंक जी को उत्तराखण्ड का मुख्य मंत्री बनाया गया और इस पद पर आप 2011 तक बने रहे। आप उत्तराखड के पांचवें मुख्यमंत्री रहे। 2011 में मुख्यमंत्री पद से हटने के बाद आपको संगठन की जिम्मेदारी दी गई एवं भारतीय जनता पार्टी का राष्ट्रीय उपाध्यक्ष बनाया गया और इस पद पर आप 2013 तक रहे।

इसके बाद 2014 में डॉ निशंक जी, आपने कांग्रेस के कद्दावर नेता और उत्तराखंड के पूर्व मुख्यमंत्री श्री हरीश रावत को हरा कर हरिद्वार लोकसभा से पार्टी को जीत दिलवाई । तब से लेकर 2019 तक आप लोकसभा की सरकारी आश्वासन समिति के सभापति पद पर भी रहे।

माननीय मंत्री जी के सम्मान में मॉरिशस के प्रधानमंत्री ने कहा था कि डॉ निशंक दुनिया के पहले ऐसे राजनीतिज्ञ हैं जिनमें रजनीति, साहित्य और संस्कृति का एक समागम देखने को मिलता है।

एक बेहद गरीब परिवार से आने वाले माननीय मंत्री जी, आपकी शिक्षा के प्रति लगन इसी बात से जानी जा सकती है कि पढ़ने के लिए आप सात किलोमीटर लम्बे एवं दुर्गम पहाड़ी रास्तों को पार किया करते थे।

डॉ निशंक जी, आप ना केवल एक कुशल राजनीतिज्ञ हैं अपितु एक समर्थ लेखक भी हैं। आपने राजनीति में सक्रीय रहते हुए भी लेखन का काम जारी रखा और अभी तक 75 से ज्यादा पुस्तकें लिखी हैं जो कि पूरी दुनिया और भारत में 10 से ज्यादा भाषाओं में प्रकाशित हुई हैं। इन 75 किताबों में काव्य संग्रह एवं कथा संग्रह शामिल है और उनमें से बहुत सी रचनाओं का अंग्रेजी, तिमल, तेलुगु, मराठी, जर्मन, फ्रेंच, आदि कई भाषाओं में अनुवाद हो चुका है।

आपके द्वारा रचित पहला काव्य संग्रह "समर्पण" 1983 में प्रकाशित हुआ था जिसका लोकार्पण पूर्व राष्ट्रपति डॉ शंकर दयाल शर्मा जी ने किया था।

माननीय मंत्री जी, आपकी पुस्तकों का अनावरण पूर्व राष्ट्रपति भारत रत्न डॉ ए पी जे अब्दुल कलाम सिहत, पूर्व प्रधानमंत्री भारत रत्न श्री अटल बिहारी वाजपेई, पूर्व राष्ट्रपति भारत रत्न श्री प्रणब मुख़र्जी जैसे सम्मानित राजनीतिज्ञों ने भी किया है एवं मंत्री जी की रचनाओं को सराहा है।

एक बार पूर्व प्रधानमंत्री भारत रत्न श्री अटल बिहारी वाजपेई जी, जिन्हे स्वयं साहित्य की और किवताओं की बहुत अच्छी समझ थी, ने एक समारोह के दौरान माननीय मंत्री जी की प्रशंसा करते हुए कहा था कि शायद ही दुनिया में कोई ऐसा राजनीतिज्ञ हो जो राजनीति और साहित्य दोनों में एक साथ सक्रीय हो।

डॉ निशंक जी, आप देश के पहले ऐसे शिक्षा मंत्री है जिनकी 25 से ज्यादा रचनाओं पर शोध चल रहा है और छात्र पीएचडी और डी लिट् की थीसिस तैयार कर रहे हैं. निशंक जी पर 7 शोध और 7 लघु शोध हो चुके हैं जबकि 10 शोध और दो डिलीट चल रहे हैं।

शिक्षा मंत्रालय जैसा अहम मंत्रालय संभालने वाले श्री निशंक जी, आप पहले ऐसे शिक्षा मंत्री हैं जिन्हें न सिर्फ अपने देश में बल्कि विदेशों में भी सम्मान मिला है। जहाँ एक ओर माननीय मंत्री जी को भूटान, यूगांडा, नेपाल और मॉरिशस के प्रधानमंत्रियों द्वारा सम्मान मिला है वहीँ उनकी साहित्यिक कला को यूएई, दक्षिण अफ्रीका, बेल्जियम, यूक्रेन, इंडोनेशिया, जापान और थाईलैंड में सम्मानित किया जा चुका है। इसी क्रम में माननीय मंत्री जी को हाल ही में वातायन, यू. के. से वातायन लाइफटाइम अचीवमेंट पुरस्कार से सम्मानित किया गया है।

देश के महत्वपूर्ण मंत्रालयों में से एक की कमान सँभालने एवं देश-विदेशों से सम्मानित होने के बावजूद भी माननीय डॉ निशंक मृदुभाषी होने के साथ साथ बहुत ही सरल व्यक्तित्व के धनी है और इतने सालों की कड़ी मेहनत के बावजूद भी आप देश सेवा के लिए सदैव तत्पर रहते हैं।

अब मैं माननीय शिक्षा मंत्री, श्री निशंक जी से अनुरोध करता हूं की अपने दीक्षांत अभिभाषण एवं आशीर्वचनों से यहां उपस्थित एवं ऑनलाइन माध्यम से जुड़े सभी विद्यार्थीगण, शिक्षकगण एवं कर्मचारिगण का मार्गदर्शन कर उन्हें अनुगृहीत करें।



श्री रमेश पोखरियाल 'निशंक' माननीय शिक्षा मंत्री, भारत सरकार का दीक्षांत अभिभाषण

सिक्किम के माननीय मुख्यमंत्री श्री प्रेमसिंह तमांग जी, मंत्रालय में मेरे सहयोगी माननीय शिक्षा राज्यमंत्री श्री संजय धोत्रे जी, उपस्थित माननीय मंत्रीगण, सांसद और विधायकगण, शिक्षा मंत्रालय के सचिव श्री अमित खरे, शिक्षा मंत्रालय के अतिरिक्त सचिव श्री राकेश रंजन, सिक्किम सरकार के सचिव एवं अतिरिक्त महानिदेशक श्री मदन मोहन जी, राष्ट्रीय प्रौद्योगिकी संस्थान सिक्किम के निदेशक आचार्य श्री महेश चन्द्र गोविल जी, शासी मंडल के सभी सदस्य, विभागों के प्रमुख, संकाय सदस्य और संस्थान के कार्मिक गण, मीडिया के मित्र, देवियों और सज्जनो एवं मेरे प्रिय विद्यार्थियों, सभी को मेरा विनम्र अभिवादन एवं नमस्कार।

भारत सरकार की 11 वीं पंचवर्षीय योजना के दौरान स्थापित, उत्तर-पूर्व क्षेत्र के प्रमुख तकनीकी संस्थानों में से एक, राष्ट्रीय प्रौद्योगिकी संस्थान सिक्किम के तृतीय दीक्षांत समारोह का हिस्सा बनना वास्तव में मेरे लिए बहुत हर्ष का विषय है। सर्वप्रथम मैं सभी उपाधिप्राप्तकर्ताओं को उनके कठिन परिश्रम से अर्जित सफलता के लिए हार्दिक बधाई देता हूँ। मैं समझता हूं कि दीक्षांत समारोह प्रत्येक छात्र, अभिभावक तथा शिक्षक के लिए बेहद अहम पल होता है। दीक्षांत का यह मतलब नहीं कि शिक्षा-दीक्षा का अंत हो गया बिक्क सीखने-सिखाने की प्रक्रिया तो जीवन-पर्यंत चलती रहती है।

दरअसल दीक्षांत के पश्चात ही छात्र की असली परीक्षा प्रारंभ होती है जब वह जीवन की वास्तविक चुनौतियों के बीच रोजगार के क्षेत्र में प्रवेश करता है। इस चुनौतीपूर्ण वातावरण में संस्थानों में पाए ज्ञान एवं अनुभवों का उपयोग सफलता की नई ऊँचाइयों को पाने की दिशा में करना होता है। आज डिग्री, मेडल तथा उपाधियां पाने वाले सभी छात्र-छात्राओं को बहुत-बहुत बधाई।

जैसा कि आप सब जानते हैं कि हमारे देश में एन.आई.टी. जैसे संस्थानों के कंधों पर उच्च गुणवत्ता युक्त तकनीकी एवं वैज्ञानिक शिक्षा देने की तथा शिक्षा एवं उद्योग जगत के फासले को कम करने की एक महत्वपूर्ण जिम्मेदारी है। ये संस्थान ज्ञान के प्रति योगदान, समाज के प्रति योगदान तथा राष्ट्र के प्रति योगदान देकर अपनी महत्वपूर्ण भूमिका निभा सकते हैं।

यह भी बहुत प्रसन्नता की बात है की गत दस वर्षों में अवसरंचनात्मक ढांचे तथा भौगोलिक कठियाईयों के बावजूद एन.आई.टी. सिक्किम ने तकनीकी शिक्षा के क्षेत्र में एक अग्रणी संस्थान के रूप में अपनी पहचान स्थापित की है। मुझे जानकारी है कि संस्थान के पूर्व छात्रों ने विभिन्न क्षेत्रों में अपनी तकनीकी कौशल से संस्थान को विश्व भर में गौरव प्रदान किया है।

मित्रों, वर्ष 2020 को जहां वैश्विक महामारी कोविड-19 के कारण जाना जाएगा तो वहीं दूसरी ओर चुनौतियों को अवसर में बदलने की हमारी जिजीविषा के लिए भी यह इतिहास में दर्ज होगा। हम सब जानते हैं कि इस महामारी का सबसे बड़ा प्रभाव शिक्षा जगत पर पड़ा है। परंतु आज हम गर्व के साथ सर उठा कर यह बात कह सकते हैं, कि हमने अपने यशस्वी प्रधानमंत्री के नेतृत्व में, न केवल चुनौतियों का सामना किया बिल्क चुनौतियों को अवसर में बदलते हुए, एक भविष्यवादी सोच के साथ अपनी नई शिक्षा नीति को लागू भी किया है।

इस वैश्वीकृत विश्व में ग्लोबल माइंड सेट के साथ हमारी यह नीति इंडियन, इंटरनेशनल, इंपैक्टफुल, इंटरएक्टिव और इंक्लूसिविटी के तत्वों को एक साथ समाहित करती है।

कृत्रिम बुद्धिमत्ता यानी आर्टिफिशियल इंटेलिजेंस से प्रभावित हमारी पीढ़ी को प्रभावी बुद्धिमत्ता (Effective Intelligence) की ओर ले जाये, इसका हमारी नीति में विशेष ध्यान रखा गया है। इस शिक्षा नीति में टैलेंट की पहचान तो होगी टैलेंट का विकास भी होगा और टैलेंट का विस्तार भी किया जाएगा।

MERUs, NRF यानी नेशनल रिसर्च फाउंडेशन तथा नेशनल एजुकेशन टेक्नोलॉजी फोरम (NETF) की स्थापना के साथ हम रिफॉर्म भी करेंगे, ट्रांसफार्म भी करेंगे और परफॉर्म भी।

हमारी यह नीति न केवल पूरे विश्व में सबसे बड़े विचार-विमर्श का केंद्र रही बल्कि यह विश्व का सबसे बड़े रिफॉर्म के रूप में भी उभरी है। इस दौर में ऐसे रिफ़ॉर्म का कोई दूसरा उदाहरण पूरे विश्व में मौजूद नहीं है। इस नीति के माध्यम से माननीय प्रधानमंत्री जी के विज़न को आगे ले जाते हुए हम सब भारत को एक वैश्विक ज्ञान की महाशक्ति के रूप में स्थापित करने हेतु प्रतिबद्ध भी हैं और सक्षम भी। अब इस नीति को क्रियान्वयन के धरातल पर उतारना हम सबकी सामूहिक जिम्मेदारी है।

मैं सिक्किम के समर्पित और ऊर्जावान माननीय मुख्यमंत्री श्री प्रेमसिंह तमांग जी को हृदय से धन्यवाद देता हूँ जिन्होंने राष्ट्रीय प्रौद्योगिकी संस्थान सिक्किम को स्थायी परिसर की स्थापना के लिए लगभग 100 एकड़ भूमि आवंटन सुनिश्चित किया। मुझे प्रसन्नता है कि स्थायी परिसर सिंग्तम के नजदीक खामदोंग जो कि गंगटोक से 35 - 40 किमी की दूरी पर है एवं वातावरण भी अध्ययन-अध्यापन के अनुकूल है, ऐसे सुरम्य वातावरण में यह स्थापित होगा। एन.आई.टी. सिक्किम के स्थायी परिसर की स्थापना से न केवल सिक्किम की युवा मेधा को सहज और किफायती शिक्षा सुलभ होगी, अपितु यह राज्य के समग्र विकास में भी महत्वपूर्ण भूमिका निभाएगा।

सिक्किम देश के सबसे खूबसूरत राज्यों में से एक है, जो अपनी बहुल जातीय और बहुभाषी संस्कृति, दिव्य परिदृश्य, जैव-विविधता, भव्य पर्वत श्रृंखला 'कंचनजंगा' और इसके शांतिप्रिय निवासियों के लिए जाना जाता है। हमारे माननीय प्रधानमंत्री श्री नरेंद्र मोदी जी हमेशा पूर्वोत्तर के लिए और विशेष तौर पर सिक्किम के प्रति एक विशेष भावऔर स्नेह रखते हैं। मुझे प्रसन्नता है कि आप लोग माननीय प्रधानमंत्री जी के विजन के क्रियान्वयन की दिशा में बहुत सिक्रयता से कार्य कर रहे हैं।

"शिक्षा किसी भी राष्ट्र की सफलता की कुंजी है।" राष्ट्रीय शिक्षा नीति 2020 बोध (ज्ञान), बुद्धिमता (प्रज्ञा), और सत्य की खोज पर जोर देती है। हम अपने देश को एक "वैश्विक ज्ञान केन्द्र" बनाने और बहु-विषयक शिक्षण और अनुसंधान के उच्चतम मानकों को स्थापित करते हुए प्राचीन भारत के विश्वस्तरीय संस्थानों जैसे तक्षशिला, विक्रमशिला और वल्लभी की समृद्ध विरासत को वापस लाने के लिए प्रतिबद्ध हैं।

इस शुभ अवसर पर आपको यह याद रखना चाहिए कि जीवन का अंतिम लक्ष्य अज्ञानता के अंधकार से मुक्ति है, जो कि केवल "निष्काम कर्म और यथार्थ विद्या" के माध्यम से ही प्राप्त किया जा सकता है। जैसाकि श्री विष्णुपुराण के प्रथम अध्याय में वर्णित है:

तत्कर्म यन्नबन्धाय सा विद्या या विमुक्तये। (श्रीविष्णुपुराण 1.19.41) कर्म वही है जो बंधन का कारण न हो और विद्या भी वही है जो मुक्ति की साधिका हो।

मेरे प्रिय स्नातक विद्यार्थियों, यात्रा यहाँ समाप्त नहीं होती और न होनी चाहिए। हमें इन वर्षों की उपलब्धियों पर ही आत्मसंतुष्ट होकर रुक नहीं जाना है, अपितु हम सभी को नए लक्ष्य निर्धारित करने हैं, नए मानक बनाने हैं एवं स्वयं और राष्ट्र की आत्मनिर्भरता के लिए नवाचार, उत्कृष्टता और उद्यमशीलता के नए और बेहतर उदाहरण स्थापित करने हैं।

"आनो भद्रा कृत्वा यन्तु विश्वतः" (ऋग्वेद 1.89.1) कल्याणकारी विचार चारों ओर से हमारे पास आयें |

मुझे विश्वास है कि आप में से प्रत्येक के पास अलग-अलग सपने और आकांक्षाएं हैं जो आपको उच्च स्तर की उपलब्धि के लिए प्रेरित करेंगे और आपके जीवन को उद्देश्यपूर्ण बनाएंगे। एक नवोदित प्रौद्योगिकीविद और नवोन्मेषक के रूप में, "डिजिटल इंडिया", "स्टार्ट-अप-इंडिया", "स्टैंड-अप इंडिया", "स्किल इंडिया", "मेक इन इंडिया", "आयुष्मान भारत", "फिट इंडिया", "उन्नत भारत अभियान", आदि भारत सरकार की नूतन पहलों को साकार करने का दायित्व आप पर है। अद्वितीय मानव संसाधनों वाले इस महान राष्ट्र को आपकी क्षमताओं पर पूर्ण विश्वास है।

प्रिय विद्यार्थियों, याद रखें कि आप इस महान राष्ट्र की सांस्कृतिक विरासत के ध्वजवाहक हैं और इसलिए, गणित, खगोल विज्ञान के क्षेत्र में हमारे महान पूर्वजों जैसे बौधायन, आर्यभट्ट, भाष्कराचार्य, ज्योतिष, भौतिकी के क्षेत्र में वराहमिहिर, चिकित्सा के क्षेत्र में सुश्रुत और चरक, रसायन-विज्ञान के क्षेत्र में नागार्जुन और योग के क्षेत्र में ऋषि पतंजिल के जीवन से हमें सीखना चाहिए आपको समकालीन एवं आने वाली पीढ़ी को भी प्रेरणा देनी चाहिए जैसाकि महाभारत के आदिपर्व में लिखा गया है-

"चरन्मार्गान्विजानाति" निरंतर पथिक ही अपना मार्ग खोजेगा।

गुरु शिष्य परंपरा वाली संस्कृति भारतकी एक अद्भुत पहचान रही है। इस संस्कृति में पहले शिक्षा, फिर दीक्षा, उसके बाद दीक्षांत और अंत में गुरु दिक्षणा का नंबर आता है। मैं आप सब छात्र-छात्राओं से अनुरोध करता हूं कि अगर आज आप अपने शिक्षकों, अपने गुरुओं को गुरु दिक्षणा देना ही चाहते हैं तो विद्यादान, ज्ञानदान कीजिए। साथ ही अपनी क्षमताओं से अपने संस्थान को भी मजबूत करिये।

आप जहां भी जाएं, अपनी जड़ों से जुड़े रहें तथा आपके कार्यक्षेत्र में भारतीय जीवन मूल्यों की एक स्पष्ट छाप होनी चाहिए। आप खुद को लगातार अपडेट, अपग्रेड और एजुकेट करते हुए आगे बढ़ें, आप सबको उज्ज्वल भविष्य की बहुत-बहुत शुभकामनाएं। सर्वशक्तिमान प्रभु आप सभी को आपकी चिर महत्वाकांक्षाओं की सफलता और पूर्णता प्रदान करें।

जयहिंद! जयभारत!

श्री रमेश पोखरियाल 'निशंक'

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Director Gold Medal Awardees

B.Tech. 2018

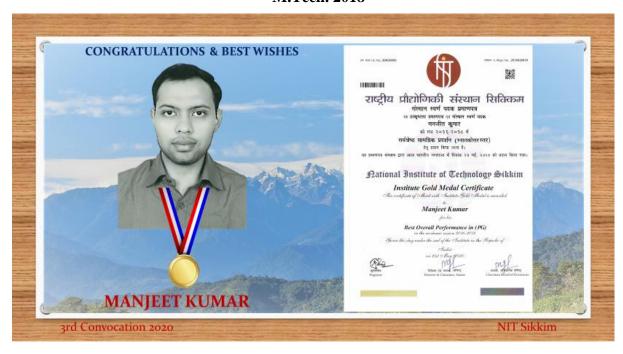


B.Tech. 2019



Institute Gold Medal Awardees

M.Tech. 2018



B.Tech. 2018



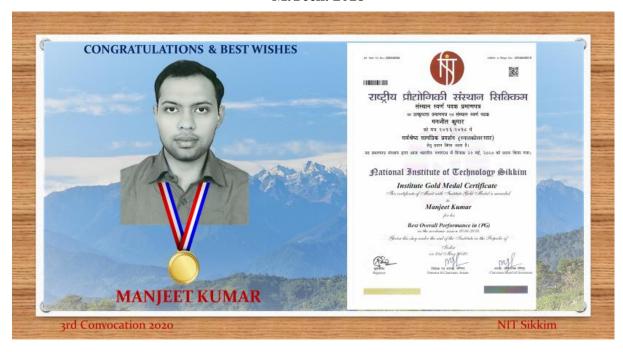
M.Tech. 2019



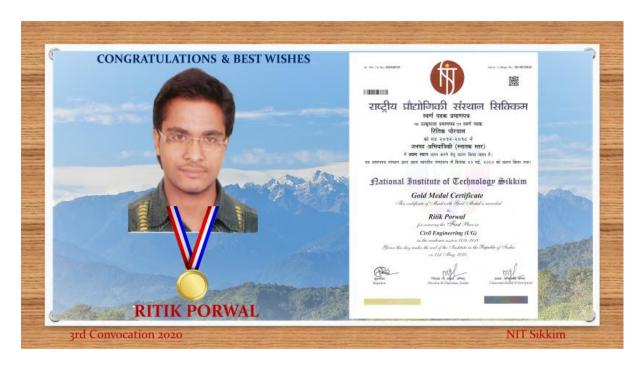


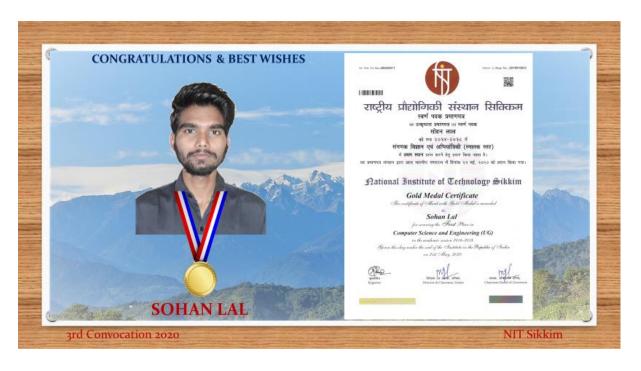
Gold Medal Awardees

M.Tech. 2018



B.Tech. 2018





B.Tech. 2018

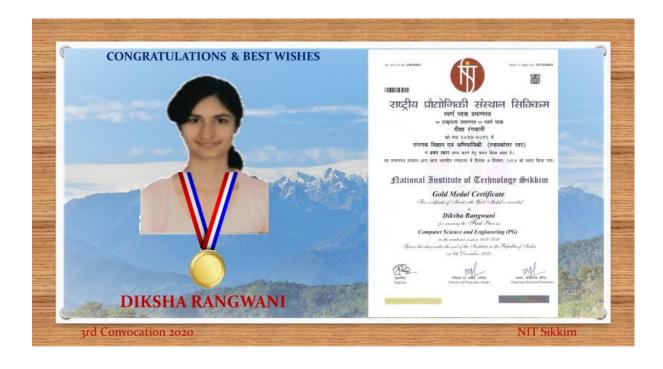




B.Tech. 2018



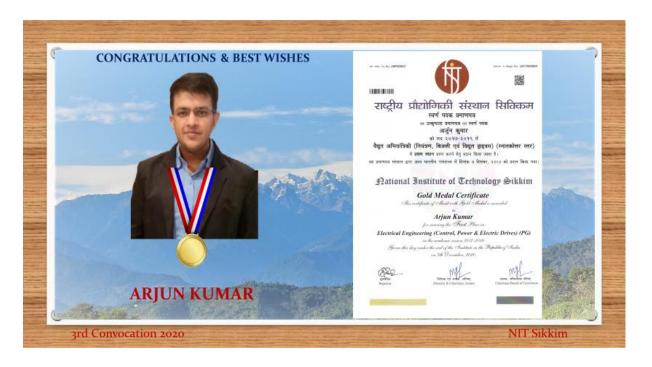
M.Tech. 2019



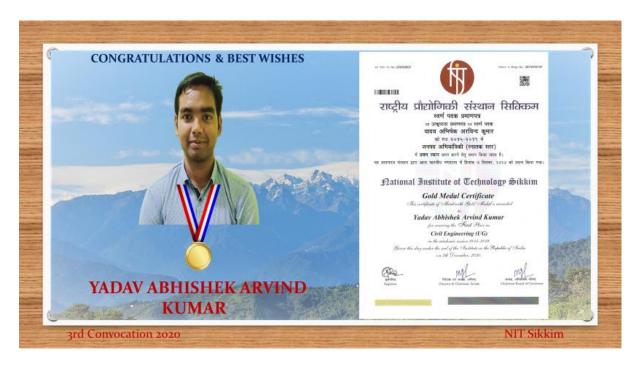
M.Tech. 2019



M.Tech. 2019







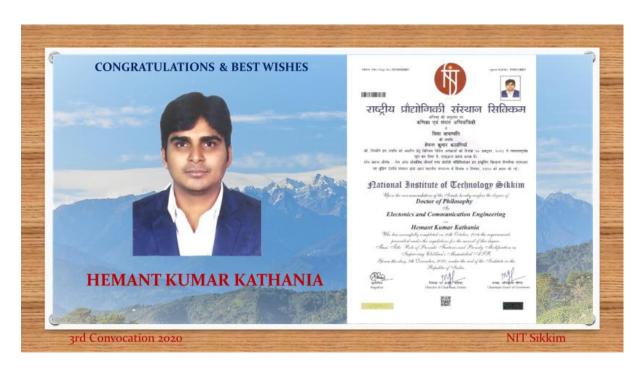






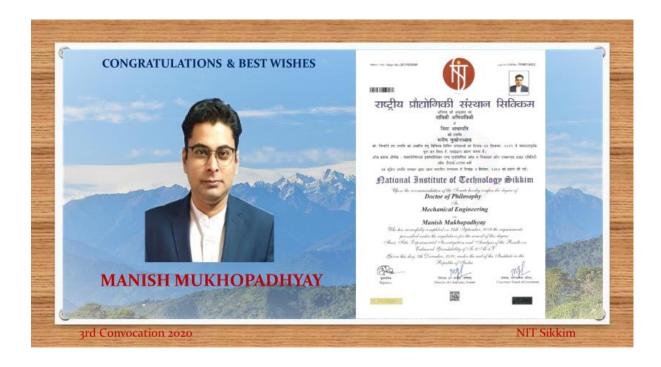


Ph.D. Degree Awarded in 2018





PhD Degree Awarded in 2019



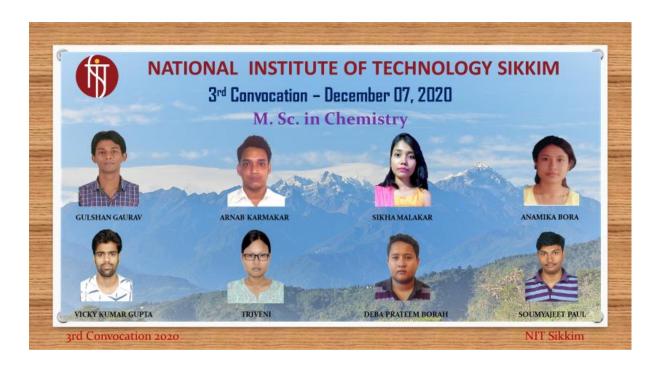






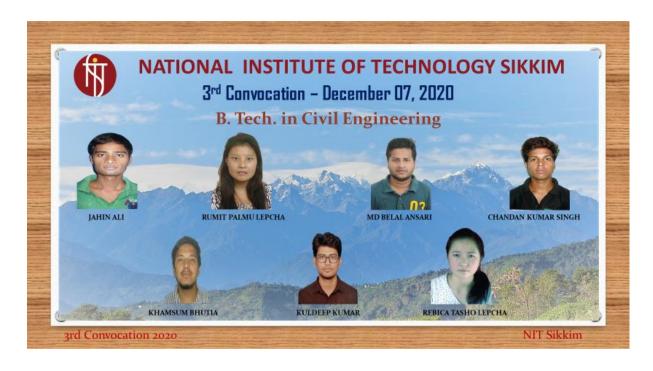


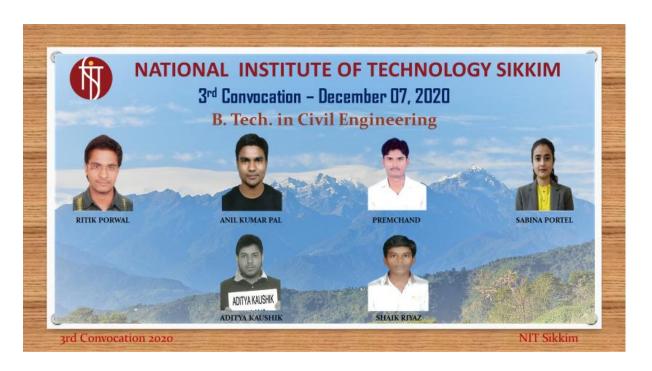


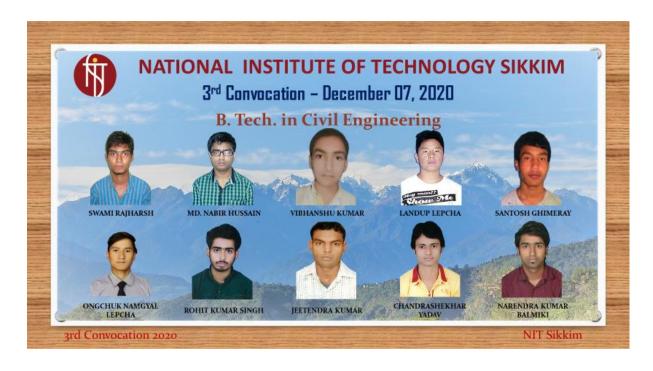




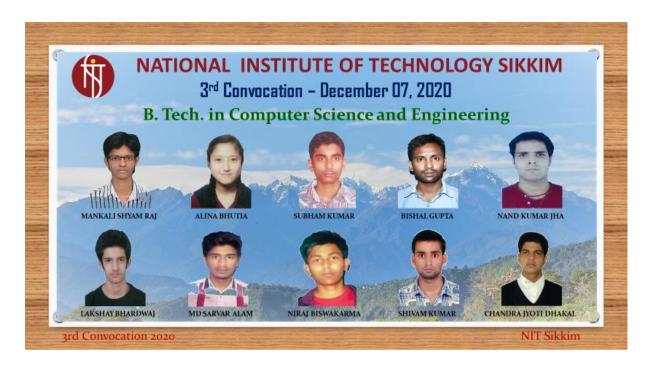


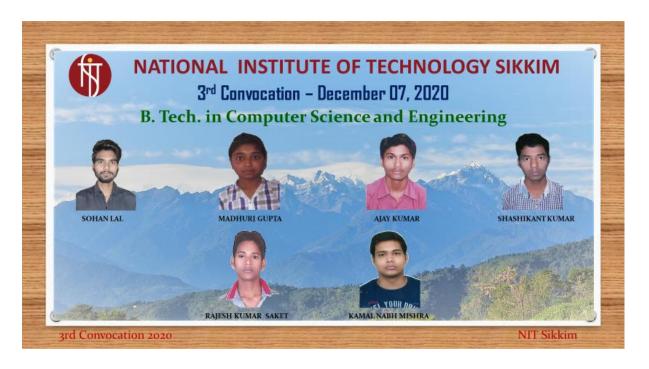


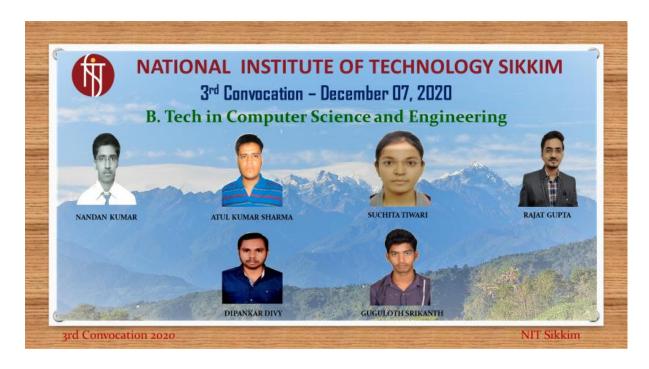






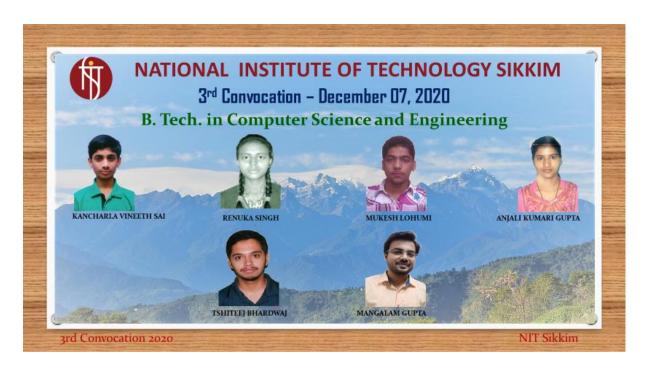




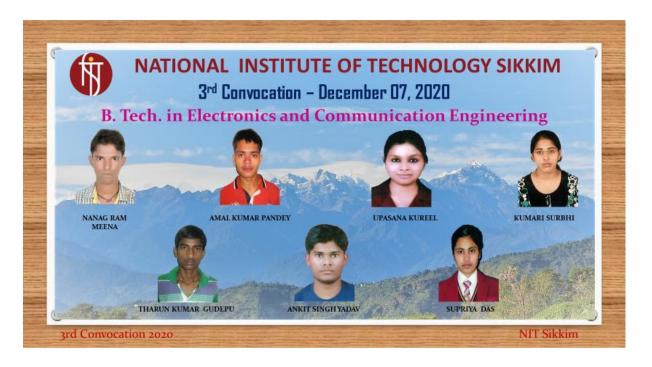


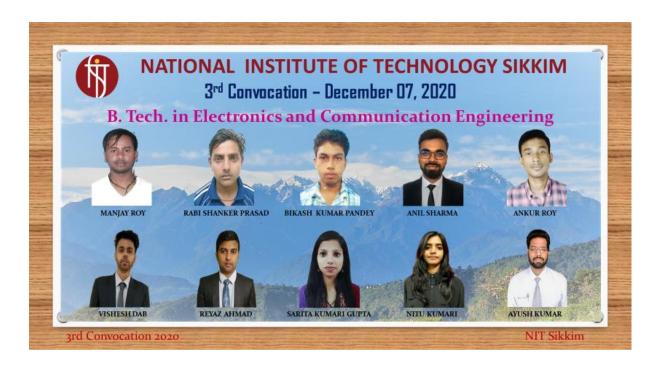








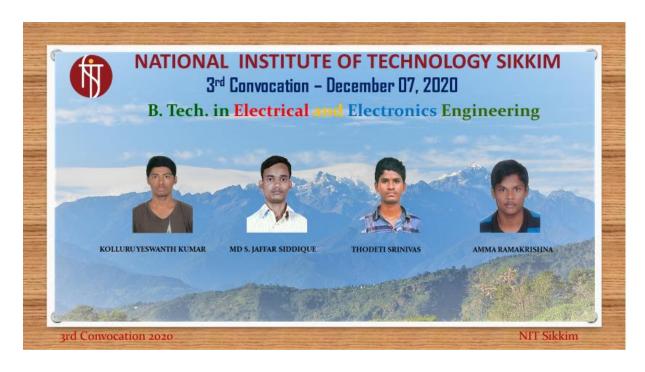






















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"We The Recipients Of Degrees Of National Institute Of Technology Sikkim, Hereby Pledge-

That, We Shall In Thought And Deed, Ever Endeavour, To Be Scrupulously Honest, In The Discharge Of Our Duties As Engineers, Technologists, Scientists And Managers; That In All Circumstances, We Shall Uphold The Dignity And Integrity, Of Our Profession, And The Honour Of Our Alma Matter;

And

That, We Shall Devote All Our Energies, To Promote The Unity, And Secular Ideal Of Our Country, And Utilise Our Knowledge Of Engineering, Technology, Science, Humanities And Management In The Service Of Our Motherland"

EXHORTATION

Graduands,

May your life's journey be one of fulfillments, one of deeds.

May you find fulfillment in propagation of love, brotherhood and peace.

May you enjoy attaining accomplishments through exertion and toil.

Be a lifelong learner, continue acquiring knowledge.

'Asato ma sadgamaya'

May you be a perpetual seeker of truth with all your vigour.

May there be total denial of deceit in your heart.

'Tamosa ma jyotirgamaya'

Let your enlightenment keep darkness at bay

'Mrityuorma-amritangamaya'

May you surpass demise and attain elixir

Where the bondage is one of love and affection, bow down in sacrifice.

Do not submit before hatred.

Be a victor through love.

Have complete trust in yourself. Venture in the untraveled path and dream with your eyes open. Whet your imagination against the backdrop of reason and reality.

'Ma gridha'- 'the world has enough for everyone's need but not enough for anyone's greed'.

Always remember what is inscribed in the crest of your institute:

'Uttisthoto, jagrata, prapya barannibodhata'

Arise, awake and strive for the best

That's the injunction of your teachers.

Glimpses from Convocation 2020

































