



राष्ट्रीय प्रौद्योगिकी संस्थान मेघालय
NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA



Annual Convocation

30th October, 2025

Sohra Campus, Meghalaya



NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA TWELFTH CONVOCATION

30th OCTOBER, 2025

Chief Guest

Shri. Shrikant M. Vaidya

Former Chairman, Indian Oil Corporation Ltd

Guest of Honour

Prof. Dharendra Nath Buragohain

Founder Director and Emeritus Professor, IIT Guwahati

Shri. Sunil Alagh

Chairperson, BoG

Prof. Pinakeswar Mahanta

Director & Chairman Senate



12th Annual Convocation

Minute to Minute Program

11:00 AM	Academic Procession proceeds to Convocation Hall
11:01 AM	Invocation Song and arrival of Academic Procession
11:04 AM	Declaration of the opening of Convocation by the Chairperson, Board of Governors
11:05 AM	Presentation of reports by the Director
11:15 AM	Address by the Chairperson, Board of Governors
11:25 AM	Address by the Guest of Honour
11:35 AM	Address by the Chief Guest
11:45 AM	Award of Ph.D., M.Tech., M.Sc. and B.Tech. degree
12:45 PM	Presentation of Medals
12:50 PM	Pledge by degree recipients
12:52 PM	Photography session of Medallists
12:54 PM	Declaration of the closing of ceremony by the Chairperson, Board of Governors
12:55 PM	National Anthem
12:57 PM	Departure of Academic Procession



MEMBERS OF THE BOARD OF GOVERNORS OF NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA

Sl. No.	Name
1	Shri Sunil Alagh, Chairman, BoG & FC NIT Meghalaya.
2	Ms. Soumya Gupta, Joint Secretary (NITs II), Dept. of Higher Education, Ministry of Education.
3	Shri Sanjog Kapoor, JS & FA, Department of Higher Education (TE), Ministry of Education.
4	Prof. M. K. Bhuyan, Dept of EEE and Dean IPM, IIT and Representative of the Director, IIT Guwahati.
5	Prof. Pinakeswar Mahanta, Director, NIT Meghalaya.
6	Ms. H.D.B. Sangma, MCS, Director, Directorate of Higher & Technical Education (DHTE), Meghalaya, Shillong.
7	Shri F.B.S. Ramsiej, Joint Director (T), Directorate of Higher & Technical Education (DHTE), Meghalaya, Shillong.
8	Prof. Deba Kumar Sarma, Dean (P&D) & Professor, Dept. of Mechanical Engg. NIT Meghalaya.
9	Prof. Saikat Mukherjee, Dean (FW) & Professor, Dept. of Mathematics, NIT Meghalaya.
10	Dr. Bhaskarjyoti Chakravarty, Registrar & Secretary, BoG NIT Meghalaya.



SENATE MEMBERS OF NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA

Sl. No.	Name
1	Prof. Pinakeswar Mahanta, Director, NIT Meghalaya - Chairman
2	Prof. Ramakar Jha, CE Dept., NIT Patna- Member
3	Prof. Mousumi Guha Banerjee, Department of English Literature, EFLU - Member
4	Prof. Saurabh Basu, Dept of Physics, IIT Guwahati - Member
5	Prof. Ayon Bhattacharjee, PH Dept., NIT Meghalaya - Member
6	Prof. C. Marthong, CE Dept., NIT Meghalaya- Member
7	Prof. Harish Chandra Das, Dean(PRBR), NIT Meghalaya - Member
8	Prof. D. K. Sarma, Dean (P&D), NIT Meghalaya - Member
9	Prof. Anup Dandpat, Dean (AA), NIT Meghalaya - Member
10	Prof. Saikat Mukherjee, Dean (FW), NIT Meghalaya - Member
11	Prof. Gitish Kishor Dutta, CB Dept., NIT Meghalaya - Member
12	Prof. D.S. Roy, Dean (R&C), NIT Meghalaya - Member
13	Prof. P.S. Mangang, Dean (SW), NIT Meghalaya - Member
14	Dr. Bhaskarjyoti Chakravarty, Registrar, NIT Meghalaya -Member Secretary



Profile of Chief Guest



Shri Shrikant M. Vaidya

Former Chairman of Indian Oil Corporation Ltd.

Shrikant Madhav Vaidya is a pioneering innovator in clean energy and sustainable practices.

A VISIONARY LEADER IN INDIA'S ENERGY LANDSCAPE

Shrikant Madhav Vaidya is a visionary leader whose footprint in India's energy sector spans more than three and a half decades. A distinguished chemical engineering graduate of the National Institute of Technology, Rourkela, he began his journey with IndianOil Corporation in 1987 and steadily rose through successive roles, marked by strategic acumen and inspirational leadership.

ARCHITECT OF INDIA'S REFINING AND PETROCHEMICAL GROWTH

Throughout his career, Mr. Vaidya shaped the nation's refining and petrochemicals infrastructure, guiding ambitious integrations and expansions—including spearheading the Panipat Naphtha Cracker Complex. Appointed Director (Refineries) in October 2019, he quickly drove major breakthroughs before being elevated to Chairman of IndianOil on July 1, 2020. During his tenure, he adeptly steered the company through global disruptions such as the COVID-19 pandemic and the initial phase of the Ukraine-Russia conflict, ensuring uninterrupted energy supplies and safeguarding national interests.

DRIVING RECORD PERFORMANCE AND FINANCIAL EXCELLENCE

Under Mr. Vaidya's stewardship, IndianOil registered all-time record financial performance. The company's net profit soared to \$39,619 crore (approx. \$4.7 billion) in FY24, while its market capitalization tripled, reaching \$2.71 lakh crore (approx. \$33.8 billion). Revenues showed historic growth, peaking at 79,30,997 crore (approx. \$113.8 billion) in FY23, with a cumulative net profit of \$93,881 crore (approx. \$11.8 billion) during his chairmanship. These results are enduring evidence of Vaidya's commitment to operational excellence and strategic vision.

DRIVING RECORD PERFORMANCE AND FINANCIAL EXCELLENCE

Recognized for pioneering clean energy initiatives, Mr. Vaidya led nationwide rollouts of BS-VI grade auto fuels, introduced specialized high-altitude diesel and IMO-compliant bunker fuels, and promoted green hydrogen and e-mobility projects. His legacy includes the conception of India's largest green hydrogen plant—underscoring an unwavering pursuit of sustainability and net zero targets by 2046.

PEOPLE-CENTRIC LEADERSHIP AND ORGANIZATIONAL TRANSFORMATION

A champion for employee wellness, women's empowerment, and sports promotion, Mr. Vaidya's approach to leadership was always people-centric, enhancing professional development and fostering a culture of innovation. He was honored with a rare extension of service beyond the standard superannuation age, underscoring the industry's trust in his stewardship and his lasting influence on the organization's transformation.

A THOUGHT LEADER IN ENERGY TRANSITION AND POLICY

Beyond his corporate achievements, Mr. Vaidya is an influential voice in energy transition policy, regularly invited to speak at national and global forums. His insights into sustainability, energy security, and social impact continue to inspire new generations of professionals.



Address by Chief Guest

Shri Shrikant M. Vaidya

Former Chairman of Indian Oil Corporation Ltd.

Good morning to all of you—Graduating Class of 2025, proud families, distinguished faculty, esteemed members of the Senate and Board of Governors, respected Guest of honor Prof. Dharendra Nath Buragohain, respected Chairman Shri Sunil Alagh, and Director Prof. Pinakeswar Mahanta, ladies and gentlemen.

What a privilege it is to be here today. To stand before a graduating class at a moment like this full of potential, pride, and possibility, is both humbling and energizing.

It is also deeply personal. Not just because I've had the honour of leading one of India's largest and most complex enterprises — but because I once sat where you sit today, brimming with similar dreams, doubts, and a restless hunger to do something meaningful.

Let me begin by offering you this truth: your relationship with NIT Meghalaya does not end today- it begins anew. From this day forward, your name and your alma mater are entwined. Your success will add to the stature of this institution. Your rise will reflect back on its values. And wherever life takes you, NIT Meghalaya will take quiet pride in your journey. This convocation is more than a ceremony. It is a celebration of dreams that refused to give up. It marks your transition from structured classrooms to the dynamic, messy, and often ambiguous world outside- a world that will not only test your knowledge but probe your resilience, your ethics, and your willpower. So let us not waste this moment on generalities. Let us speak with honesty. With respect. With urgency. Because you are stepping into a world that does not need routine graduates. It needs builders. It needs leaders.

My Journey: From Control Room to Boardroom:

Let me begin by sharing a few lessons from my own professional life-a journey spanning nearly four decades across refineries, pipelines, boardrooms, and national crises. I did not start in a plush corner office. I began on the floor of a refinery. A freshly minted chemical engineer, eager but untested. Very quickly, I learned a lesson I never forgot: no job is small if done with sincerity. Leadership, I discovered, is not about hierarchy or title- it is about ownership. The willingness to take charge when others hesitate. The courage to act when the outcome is uncertain.

Over the years, I worked across verticals, technical services, projects, petrochemicals, corporate strategy, and national logistics. My canvas included 11 major refineries, over 20,000 km of pipelines, 35,000 fuel stations, 100+ LPG plants, aviation fuel stations, and maritime terminals. The complexity was daunting. The expectations- even more so.

But the trust reposed in me and my team- that was our north star.

One of the most defining moments came in 2020 during the COVID-19 lockdown. The country was still, but our mission wasn't. India needed fuel to run ambulances, distribute food, keep lights on, and maintain kitchen fires.

And so, while the world worked from home, we worked from the field. From terminals, depots, and refineries. We did not stop. We delivered not 24 lakh LPG cylinders a day-but over 33 lakh per day. We ran pipelines. We unloaded crude ships. Because essential services depended on us.

That period taught me what no business school ever could: Leadership is not about control. It's about clarity. It's about showing up when it's hardest.

And later came other tests — economic disruptions, oil price collapses, geopolitical upheavals like the Russia-Ukraine conflict and its ripple effects on global energy.



Each time, the same truths guided us:

- Stay calm under fire
- Stay credible in confusion
- Stay committed to mission

Let me share four truths I now carry with me:

1. Your skills will get you in the room. Your character will keep you there.
2. The best leaders don't shout — they serve.
3. Reputation is your most valuable currency. Spend it wisely.
4. Never underestimate the power of showing up. Consistently. Especially when it's tough.

The India You Inherit — and Must Build

Graduands, you are entering a world in transition — and that is not a cause for fear, but for optimism.

The future is not being written in distant capitals. It is being written here — in India. And you are the authors.

India today is the world's fastest-growing large economy. The youngest large population. The most ambitious generation ever. Startups, digital highways, renewable energy, semiconductor fabs, lunar missions — this is a nation on the move.

But alongside this growth lies responsibility. We must ensure that this rise is sustainable, inclusive, and humane.

Which is why your question cannot be: "What will I earn?"

It must be: "What will I solve?"

Whether you build AI algorithms or climate models, policy frameworks or spacecraft — your impact must go beyond personal gain.

You must ask:

- Does my work serve society?
- Does it uphold ethics?
- Does it reduce inequity?
- Does it build resilience?

Because in a world chasing speed and scale — substance is your edge.

Eight Anchors for Leadership and Life

Allow me now to share eight principles that have anchored me — in boardrooms, in crises, and in moments of solitude.

They are not commandments. Just truths forged from experience.

1. Be Reliable, Not Just Brilliant

Trust is built through reliability. Be the one people turn to in chaos — not the one they only admire in calm.

2. Lead in Crises, Not Just in Comfort

The true test of leadership is not when things are going well — but when they fall apart. In tough times, your calm is a service.

3. Excellence Is Often Invisible

Your best work may never trend. Do it anyway. Let your discipline, not applause, be your reward.

4. Relearn Relentlessly

In a world of disruption, yesterday's answers become obsolete. The ability to unlearn is now more important than expertise.

5. Respect Is the Oxygen of Teams

People remember how you made them feel. Respect the hands that support your success. Ego fractures. Humility binds.

6. Discipline Beats Raw Talent

Ideas are easy. Execution is hard. Discipline is what turns potential into performance.

7. Build the Spine, Not Just the Face

Everyone wants to be seen. But legacy belongs to those who quietly carry the weight others avoid.

8. Ethics Is Not Optional

In every choice, big or small, your values speak before your words do. Choose integrity — every time.



When You Stumble — and You Will

Now let's talk about a truth you will all face: you will stumble.

Plans will collapse. Confidence will waver. There will be rejections, delays, detours.

Let me say this clearly: there is no such thing as failure.

What looks like failure is often redirection. A sign that life is nudging you elsewhere — towards something more aligned, more true to who you really are.

When that happens, don't panic. Sit with the discomfort. But don't get stuck there.

Instead, ask just one question:

"What is the next right move?"

Not the perfect move. Not the most popular one. Just the next right move. And take it.

Do that enough times — and you will find your way.

Escape Velocity: Your New Metaphor

And that brings me to the metaphor I want to leave you with today: escape velocity.

Every rocket trying to leave Earth's gravity must hit a certain speed — a threshold called escape velocity. Anything less, and it falls back. Or worse, it keeps circling endlessly — stuck in orbit.

But with that one burst of energy, it breaks free.

That's what today is. Your launchpad.

The world will pull at you — with comfort, with convention, with fear. But if you build momentum — if you keep learning, striving, believing — you can break free. From doubt. From inertia. From mediocrity.

And escape velocity is not one giant leap. It is the cumulative result of daily effort — the thrust built by habit, hustle, and heart.

Let me share the story of the bamboo tree. For five years after planting, nothing emerges above the soil. But in the sixth year, it suddenly shoots up 80 feet in six weeks.

Why?

Because for five years, it was building roots. Quietly. Invisibly.

Your late nights, your unnoticed work, your failed experiments — these are your roots. The explosion comes when the roots are ready.

So build roots. Stay consistent. And launch.

Final Thoughts: Three Reminders for the Road Ahead

Let me close with three reminders. Keep these in your backpack — mental or otherwise.

1. You represent NIT Meghalaya — in everything you do

This degree is not just a credential. It is a commitment. Wherever you go — boardrooms, labs, classrooms — carry this institute's values with grace and action.

2. Redefine Success on Your Terms

Don't chase borrowed dreams. Define your success not by status, but by service. Not by power, but by purpose.

3. Live at Escape Velocity

Push just a little more. Stay the extra hour. Ask the tougher question. Make the courageous call. That's how rockets launch. That's how humans rise.

Class of 2025 — your life is your vehicle. Your mind is your compass. Your heart is your engine. Fuel it with values. Aim it toward service. And fly past limits.

Don't just float. Break free.

Don't just succeed. Lead.

And don't just live. Come alive.

Thank you. Jai Hind.

May NIT Meghalaya shine through each one of you.



Profile of Guest of Honour



Prof. Dhirendra Nath Buragohain
Founder Director and Emeritus Professor, IIT Guwahati

Professor Dhirendra Nath Buragohain is a distinguished civil engineer and visionary academic leader with over four decades of exemplary experience in teaching, research, administration, and institutional development.

He obtained his B.Tech. (1963), M.Tech. (1965), and Ph.D. (1969) — all in Civil Engineering — and later pursued post-doctoral research at the University of Wales, Swansea.

Professor Buragohain began his academic journey at IIT Bombay in 1968, where he rose through the ranks from Lecturer to Assistant Professor and then to Professor. During his long tenure, he made outstanding contributions to teaching, research, and student mentorship. He also held key administrative positions, serving as Dean of Planning (1984–1987) and Head of the Department of Civil Engineering (1988–1991).

In February 1994, he took on the monumental responsibility of establishing IIT Guwahati, first as Project Director and subsequently as its Founder Director (July 1994 – March 2003). Under his visionary leadership, IIT Guwahati evolved from concept to reality — shaping its academic ethos, institutional framework, and world-class infrastructure.

A prolific researcher and consultant, Professor Buragohain has contributed significantly through numerous publications, international conference presentations, industrial consultancies, and technology transfer initiatives. Even after his tenure as Director, he continued to advance the field of civil engineering through leadership roles in industry, notably as Chief Technical Officer at Civil Engineering Network System, Pune.



Address by Guest of Honour

Prof. Dharendra Nath Buragohain
Founder Director and Emeritus Professor, IIT Guwahati

Chairman of the Board of Governors of NIT Meghalaya, Shri Sunil Alagh, Chief Guest of today's Convocation, Shri Shrikant Vaidya, Director of the Institute Professor Pinakeswar Mahanta, Members of the Board of Governors and Members of the Senate, Members of Faculty and Staff, Graduating Students and their parents, Distinguished Guests, Ladies and Gentlemen -

I thank the Director and the Board of Governors of the Institute for giving me this opportunity to address the graduating students of the Institute on this important day of their lives. It is an honour and a privilege for me to be here on this occasion.

Hearty congratulations to all of you who are receiving your degrees today. I wish you a bright future and success in all your future endeavours. I would also like to congratulate your parents and mentors, whose support, encouragement and guidance have made it possible for you to reach where you are today.

NIT Meghalaya has made remarkable progress during the past few years, and it can boast of its achievements in many areas. So Congratulations to NIT Meghalaya for its achievements in spite of having to function from temporary premises till a year ago. I expect that in years to come, the students passing through its portals would be proud to say that they had their training at this Institute, and the Institute would also feel proud of the achievements of its alumni in the outside world.

To the students who will be leaving the portals of the Institute to establish themselves in the outside world, I have only one thing to say – Believe in yourself, and believe in your ability to achieve what you want to achieve. It does not matter how good a student you have been in your studies or how many marks you scored in your exams. The textbooks do not have solutions to all the technical or non-technical problems that you will face in the outside world. Your education here is only a base. It helps if you have a strong base. But you will have to learn new things to tackle new situations, and evolve new technologies to solve hitherto unknown problems. The horizon of knowledge and experience moves as we move towards it, revealing newer challenges for us to overcome. It is for us to strive without yielding. There are numerous instances of ordinary people achieving seemingly impossible goals, because they sincerely wanted to achieve those goals and never gave up.

Recent events in the area of international trade has only underlined the fact that we cannot depend forever on other countries for our own progress and prosperity. Our country has suffered too long from what I call the 'slave syndrome'. A typical symptom of this syndrome is that you wait to be told what you should do for your own good, and you would trust your own findings and the findings of your countrymen only when somebody from the West would approve them. That syndrome saps your confidence so much that you are afraid to think for yourselves let alone dream for something spectacular? You remain satisfied to be mere followers and not leaders, because leadership will entail constant effort and innovations, responsibility and accountability.

So you would borrow the technical knowhow and other products from the advanced countries and believe in whatever they say about their products and your products. Just think about it – which country would share their latest technology with you and lose their economic advantage unless they have already got a better alternative. I am afraid that many people in our country still suffer from this syndrome unknowingly because they find it easier not to exercise their brains to work out solutions to problems that confront them or the society.



But you don't have to be a victim of this slave syndrome. You have the advantage of getting your training in an Institute of national importance. And you are at the correct place at the correct time. Our country is on the path of re-awakening from a centuries-old slumber and we can feel all around us the energy and spirit of a resurgent India. It is a great opportunity for you to take advantage of this new found confidence and the new environment to put our country in the forefront of the developed world in the first half of this century. That requires us to be self-reliant in most things – from products in our day to day use that we take for granted to cutting-edge technologies – which will change the face of our country. You, with your training, have to seize this opportunity to manage that change and be instrumental in that transformation. It will not be easy, but you have the time and energy on your side.

So, once you start believing in yourselves, you can dare to dream of things that were never there, and put your whole-hearted efforts to realize those dreams. But to make your end results effective and sustainable, two attributes are necessary – maintaining discipline and strict adherence to quality. Sadly, these are not so common in our country.

Lack of quality will make any product short-lived in the market, because people will have better options in a free market and will not mind paying more money for value addition. Lack of discipline will always impede progress in many ways and will also impact adversely on quality. One trait that is common in developed societies is the discipline with which the people conduct themselves in public places. One of the easiest way to know whether you are in a developed country or not, is to walk out into the streets to observe how the traffic and the people are moving about. If you observe chaos in traffic and pedestrian movements, you will know that, even if the people have access to all modern amenities and gadgets, the society has still a long way to go before it can call itself a developed society. I wonder what will happen if you leave an auto-piloted car of the near future in such a street. Perhaps the car will stop at one place and start spinning utterly confused to find a way out.

While discipline is a way of life that can be cultivated over a period of time, quality consciousness, like integrity, becomes a natural instinct that is inculcated by what you see around you as you grow up. In this context, I cannot resist the temptation of telling a story that has been told and re-told many times.

A work order for a certain commodity was placed on a Japanese firm by a US firm with the condition that only ten per cent of the total quantity could be defective. Within the stipulated time, the consignment was received from Japan. When the consignment was opened, two separate packages were found. The bigger package contained the total quantity of the commodity all in perfect condition. The smaller package had a label saying 'defective' and contained ten per cent of the total quantity. The Japanese did not understand English properly; so took an extra effort to make ten per cent defective products, thinking that ten percent defective commodities had also to be supplied.

The best people to change the attitude of the present and coming generations to one of self-belief, self-discipline, quality consciousness and willingness to take up any challenge however daunting it might look, will be you who will be guiding and writing the new destiny of our country. It will be the people of your generation who will be behind the solution to the numerous problems that our country has to overcome to be in the forefront of the developed world. And I am confident that the present generation will rise to the occasion to make that miracle happen.

We must recognize the fact that whatever we are today, it is because of our parents, our family and friends, everybody that we have come into contact with, and the society we live in. If we are not satisfied with any aspect of our society, then we ourselves are to blame for it. You, with your background, will have the opportunity to shape attitudes and work culture in your workplaces, not with violence and destruction, but with constructive criticism with sense and sensibility. A collective effort towards change for the better can give us a society that we all dream of becoming a part of.

I hope that you will always maintain your self-confidence and be ready to face any challenge and success will be yours. Once again I take this opportunity to congratulate you and wish you all success.

Thank you.

Jai Hind.



Profile of Chairperson, BoG



Shri Sunil Alagh

Chairperson Board of Governors NITM, President of Convocation

Sunil Kumar Alagh is the Managing Director of SKA Advisors Pvt. Ltd. - a business advisory and consultancy service with an emphasis on Marketing and Brand management strategies. He is a recognised thought provocateur who enables teams to realise their full potential and partners them to build a sustainable profitable business model. His wide range of clients include Godfrey Phillips India Ltd., Bector Foods Ltd., Louis Dreyfus Ltd, LT Foods Ltd, GlaxoSmithKline Consumer Ltd., Warburg Pincus, Sapat Tea Ltd, Biocon India Ltd., VIP Clothing Ltd. Sunil has 40 years of hands on experience and has developed and incubated several successful brands.

Career History:

Sunil Alagh held very senior positions in the private and public sector. During his tenure, Britannia touched significant heights and figured in the Forbes List of 300 Best Companies in the World in 1999, 2000 and 2002. Britannia also became the most trusted Food Brand in India.

Sunil is on the Board of Eveready Ind. Ltd and Pritish Nandy Communications Ltd. He is currently the Chairperson of NIT, Meghalaya and Marketing Advisor for United Breweries, Bangalore . He is a former member of the Prasar Bharati Board of the Govt of India (equivalent to BBC in UK), Governing Board of IIM Bangalore and IIM Indore, Nat.Inst.of Design, Ahmedabad and Ind. Inst. of Foreign Trade, Delhi. He has been Senior Advisor to AXA France, the Indian Advisory Board of Schindler, Member of the Board of Gati Ltd (a JV with KWE, Japan), Member of the Board of United Breweries (Heineken) and Indofil Industries Ltd. Mumbai.

Sunil has been invited by reputed Investment Banks on numerous Non-Deal Shows in USA, UK, Singapore and Hongkong to present India as an attractive investment destination for foreign investors.

Sunil was honoured with the Gold medal Kashalkar Memorial Award 2000 for outstanding contribution to the Food Processing Industry in India. He was a finalist for the Ernst and Young Entrepreneur of the Year Award, 2002. He was honoured with the Distinguished Alumnus Award by IIMC in 2021.



Address by Chairperson, BoG

Shri Sunil Alagh
Chairperson BoG, President of Convocation

Good morning, everyone.

It gives me immense pleasure to welcome you all to the 12th Convocation of the National Institute of Technology Meghalaya — a day of pride, joy, and reflection for all of us associated with this great institution.

We are truly honoured and privileged to have with us today Shri Shrikant M. Vaidya, Former Chairman of IndianOil Corporation Limited, as our Chief Guest. Sir, your leadership and contributions to India's energy sector are an inspiration to young engineers and innovators across the nation.

We also warmly welcome our Guest of Honour, Prof. Dharendra Nath Buragohain, Founder Director of IIT Guwahati and an eminent educationist whose vision and wisdom continue to shape higher education in the Northeast and beyond. Your gracious presence today elevates this ceremony and will leave a lasting impression on our graduates.

Over the past years, NIT Meghalaya has emerged as one of the leading technical institutions in India — committed to excellence in education, research, and societal development. It gives me great pride to share that the institute has secured a position in the 1201–1500 bracket of the Times Higher Education World University Rankings 2026, marking its growing global recognition.

Nationally too, NIT Meghalaya continues to excel, securing the 83rd rank in the NIRF 2025 in the Engineering category — a reflection of its consistent performance and commitment to quality.

With nearly a hundred dedicated faculty members and over twelve hundred students, the institute has built a strong ecosystem of teaching, research, and innovation. Our recent achievements in semiconductor fabrication, establishment of the 5G Lab inaugurated by the Hon'ble Prime Minister, and vibrant research initiatives supported by agencies like DST, DRDO, and ISRO, speak volumes about our expanding impact.

As Chairman of the Board of Governors, I have always believed that the true measure of an institute lies not just in its infrastructure or rankings, but in the strength of its people and the inclusivity of its growth.

In recent times, we have taken several steps to enhance student welfare and campus life, particularly through the creation of better hostel facilities to ensure comfort, safety, and a sense of community among students.

I have also placed special emphasis on empowering girl students, ensuring they have the facilities, support, and opportunities to thrive as future leaders. I am delighted to see how actively our young women are contributing to academics, research, and innovation — symbolizing the progressive spirit of this institution.

At the same time, we are working to deepen our engagement with industry. By bringing more industry leaders into dialogue and partnership with NIT Meghalaya, we aim to bridge the gap between classroom learning and real-world applications. This industry–academia synergy is essential for building future-ready engineers who can lead in innovation and entrepreneurship.

Our permanent campus at Sohra (Cherrapunjee) is taking shape as a model of sustainability and modern design — one that will serve as a hub for technology, research, and collaboration in the years to come.

Aligned with the National Education Policy (NEP) 2020, NIT Meghalaya has introduced flexible and multidisciplinary programs — from industry-integrated B.Tech collaborations to new M.Tech and MCA programs, along with a variety of minor and micro-credit courses to nurture holistic learning.

These steps are positioning NIT Meghalaya as a key contributor to India's vision of a self-reliant, technology-driven future.

Dear graduates, today you step into the next phase of your journey — one filled with opportunities, challenges, and the responsibility to make a difference.



As you leave the campus, carry with you not just the knowledge gained, but the values that NIT Meghalaya instills — integrity, humility, and service to society.

Success will come to those who are curious, courageous, and compassionate.

Remember that every innovation, no matter how small, can create a ripple of change if guided by purpose and sincerity.

Stay connected with your alma mater, return as mentors and collaborators, and continue to make us proud.

Before I conclude, I extend my heartfelt gratitude to our Chief Guest, Shri Shrikant M. Vaidya, and Guest of Honour, Prof. Dharendra Nath Buragohain, for gracing this occasion with their presence.

My appreciation also goes to the Director, faculty, staff, and all who have worked tirelessly to uphold the standards and values of NIT Meghalaya.

Together, we are building not just an institute of national importance, but a beacon of hope and innovation for the entire region and the nation.

Congratulations once again to all the graduates and their proud families.

May your future be bright, impactful, and guided by the spirit of excellence.

Thank you.

Jai Hind.



Profile of Chairman Senate



Prof. Pinakeswar Mahanta

- IEEE Fellow, Fellow IE, JSPS fellow, Distinguished visiting fellow, University of Nottingham, UK, Adjunct Prof. HoF University of Sciences, Germany
- Director, National Institute of Technology Meghalaya
- (Former Director, IIIT Bhagalpur | NIT Arunachal Pradesh)

Overview:

Prof. Pinakeswar Mahanta is a distinguished academic leader, researcher, and institution builder with over 30 years of experience in higher education. Presently serving as the Director of the National Institute of Technology (NIT) Meghalaya, he has played key leadership roles across multiple premier Indian institutes, successfully driving growth, innovation, and reform. Recognized among the Top 2% Scientists in the World by Stanford University (2023 & 2025), his contributions span advanced research in Energy Systems, Thermal Engineering, and academic governance that aligns with NEP 2020 and global benchmarks.

Administrative Roadmap:

Phase 1: Academic and Leadership Foundation (IIT Guwahati)

Period: 2001 – 2017

Institution: Indian Institute of Technology Guwahati

Key Roles:

- Professor (HAG), Department of Mechanical Engineering
- Head, Centre for Energy
- Dean (Faculty Welfare)
- HoD, ME

Major Contributions:

- Strengthened faculty welfare and mentoring systems.
- Developed advanced infrastructure under the Centre for Energy.
- Introduced industry-oriented courses in Thermal and Energy Engineering.
- Led collaborative research in biofuels, clean energy, and fluidized bed systems.

Phase 2: Institutional Establishment and Academic Expansion (IIIT Bhagalpur)

- Period: 2017 – 2018
- Institution: Indian Institute of Information Technology (IIIT) Bhagalpur
- Position: Director

Key Achievements:

- Provided visionary leadership during the foundational years of IIIT Bhagalpur.
- Structured academic, administrative, and governance frameworks for the institute.
- Initiated industry-academia collaborations and academic linkages with IITs.
- Launched initial B.Tech programs and developed the academic roadmap for growth.
- Established a base for AI, Data Science, and interdisciplinary research initiatives.



Phase 3: Institutional Leadership and Transformation (NIT Arunachal Pradesh)

Period: 2018 – 2023

Institution: National Institute of Technology Arunachal Pradesh

Position: Director

Strategic Milestones:

- Expanded academic departments and initiated new PG and PhD programs.
- Enhanced research output and secured major sponsored projects and consultancies.
- Modernized hostels, laboratories, and student facilities with a focus on inclusivity.
- Strengthened linkages with IITs, industries, and international universities.
- Promoted innovation, entrepreneurship, and Outcome-Based Education (OBE).
- Implemented NEP 2020 reforms institution-wide.
- Shifted NIT to its permanent campus.

Phase 4: Strategic Transition and Institutional Growth (NIT Meghalaya)

Period: August 2023 – Present

Institution: National Institute of Technology Meghalaya

Position: Director

Leadership Highlights:

- Led the historic transition of NIT Meghalaya to its permanent Sohra campus, ensuring full operational readiness.
- Directed campus planning and infrastructure based on sustainable and green principles.
- Introduced interdisciplinary B.Tech programs in Energy Systems and Cyber Systems (AI & ML).
- Strengthened digital academic systems, examination reforms, and quality benchmarking.
- Fostered faculty and student welfare, integrating research with societal relevance.
- Built international collaborations and industry partnerships for training and innovation.

Phase 5: National and Global Engagement

Ongoing Contributions:

- Member, TC 20, IMEKO — contributing to international standardization and measurement science initiatives.
- Active member of several national-level academic policy and review committees, influencing reforms and quality frameworks in technical education.
- Champion of internationalization and global benchmarking, promoting cross-border collaborations and research exchange programs.
- Recognized among the Top 2% Scientists in the World (Stanford University, 2023 & 2025) — a global acknowledgment of his scholarly excellence and sustained research impact.
- Advocate of sustainability, innovation, and academic integrity, fostering a vision of education that balances technological advancement with societal responsibility.

Research & Academic Achievements:

- Citations: 8000+ | h-index: 46 | i10-index: 133
- Expert in Thermal Systems, Renewable Energy, and Fluidized Bed Technologies.
- Guided numerous Ph.D. scholars and led major projects funded by DST, SERB, and industries

Leadership Vision:

“Excellence in education is achieved through innovation, collaboration, and human-centric leadership. Institutions must empower students and faculty to lead the change toward a sustainable and globally connected future.”



Director's Report

Prof. Pinakeswar Mahanta
Director - NIT Meghalaya

1. Introduction

It gives me immense pleasure to extend a warm welcome to all present on this auspicious occasion of the **12th Convocation** of the National Institute of Technology Meghalaya. This day represents a celebration of academic excellence, a reflection on our institutional achievements, and an occasion to acknowledge the dedication of our students, faculty, staff, and supporting members. The ceremony is also a reminder of our responsibility to continue striving toward innovation, inclusivity, and societal service.

We are deeply honoured to have with us **Shri Shrikant M. Vaidya, Former Chairman, Indian Oil Corporation Ltd., as the Chief Guest**, and **Prof. Dharendra Nath Buragohain, Founder Director and Emeritus Professor, IIT Guwahati, as the Guest of Honour**. The ceremony is presided over by **Shri Sunil Alagh, Chairman, Board of Governors**, in the presence of distinguished members of the Board of Governors, Senate, Finance Committee, Building & Works Committee, and Construction Review Committee, along with our faculty, officers, staff, students, alumni, and families.

This year, degrees are being conferred upon **250 graduating students**, comprising **153 B.Tech, 36 M.Sc, 24 M.Tech, and 37 Ph.D recipients**. Fifteen students, including three girls, are receiving medals for academic excellence. The Convocation stands as a moment of pride, reflection, and renewed commitment to excellence and service to the nation.

2. Institutional Human Resources Strength

NIT Meghalaya has steadily grown as a robust institution, fostering academic excellence and institutional governance. The Institute currently employs a mix of regular, contractual, outsourced, and security personnel, ensuring smooth functioning of academic and administrative operations. The Institute currently has **107 faculty members**, including **75 regular faculty**, and a total of **332 supporting staff**, comprising **80 regular staff, 142 outsourced staff and 110 security personnel**.

The Institute houses **nine academic departments**, including Civil Engineering, Computer Science and Engineering, Electrical Engineering, Electronics and Communication Engineering, Mechanical Engineering, Chemical and Biological Sciences, Humanities and Social Sciences, Physics, and Mathematics. In addition, it maintains **eight centres and a Central Library**, providing state-of-the-art facilities to support research, teaching, and learning.

The Institute currently enrolls **1,215 students**, comprising **634 undergraduate and 581 postgraduate and doctoral students**.

3. Institutional Excellence and Achievements

NIT Meghalaya has consistently performed strongly in national and international rankings and has been recognised for its contributions to innovation, quality education, and research. The Institute continues to hold a prominent position among the newer NITs and in India's North-Eastern region.

In the **National Institutional Ranking Framework (NIRF)**, the Institute was ranked **83rd in 2025, 68th in 2024, and 72nd in 2023**, reflecting consistent academic and research performance. On the global stage, NIT Meghalaya secured a position in the **1201–1500 band of the Times Higher Education (THE) World University Rankings 2026**. Other notable rankings include **56th in India Today Engineering Ranking 2025**, **85th in IIRF Best Government Engineering College Ranking 2025**, and **265th in Higher Education Ranking 2025**. The Institute was also awarded the **Mahatma Award for Academic Excellence in 2025**.



NIT Meghalaya has taken a significant step in semiconductor innovation under the **India Chip Program** by successfully designing and fabricating a **Finite State Machine (FSM) chip** using the 180 nm process technology. This milestone marks Meghalaya's first integrated chip, aligning with India's vision for **indigenous chip design and self-reliance** in the semiconductor sector.

4. Infrastructure, Campus Development, and Institutional Growth

NIT Meghalaya has made remarkable strides in infrastructural development, transitioning to its permanent campus at Sohra (Cherrapunjee). The modern campus provides an environment conducive to high-quality teaching, research, and holistic student development.

The IC Packaging and Testing Lab focuses on advancing semiconductor research and training by establishing facilities for chip packaging, functional testing, and reliability assessment. The lab will support post-fabrication activities, providing hands-on experience to students and researchers in microelectronics assembly, failure analysis, and device validation, thereby contributing to India's vision for self-reliance in semiconductor manufacturing.

The Lab for General Duty Assistant (GDA) is being set up to provide skill-based healthcare training under the School for Skills (SFS) Academy. It will equip trainees with practical knowledge and competencies required in hospital and patient-care settings, including basic nursing skills, patient assistance, hygiene management, and emergency support. This initiative aims to create a skilled workforce aligned with national skilling missions, enhancing employability and social impact in the healthcare sector.

NIT Meghalaya has established three new computer laboratories equipped with 287 high-end desktops, enhancing its digital and computational infrastructure. These labs support advanced teaching, research, and software-based learning across multiple disciplines, providing students with a modern, industry-aligned computing environment for coding, simulation, and data analysis.

Campus Construction and Development

The construction of the permanent campus has progressed significantly:

- Package I Constructions – Completed: Administrative and Academic Buildings, Lecture Hall, Library cum Data Centre, Workshop, and ESS-I & II.
- Packages II & III – Initially halted in 2017 due to funding and legal constraints, these projects have resumed with priority-based execution:
 - Priority-1: Girls' Hostel, Boys' Hostel (three-seater), Director's Residence – 85% complete
 - Priority-2: Boys' Hostel (single-seater), Residential Quarters Type A, D & E, Sports Complex – 65% complete

Additional infrastructure development includes campus-wide electrical installations, internal roadworks, and sewerage systems, with ongoing expansion as per emerging requirements.

Utilities and Digital Infrastructure

Critical utility systems and digital infrastructure have been successfully implemented:

- Power Supply: 33 KV line and 33/11 KV sub-station fully operational
- Water Supply: Water Treatment Plant and reservoir completed; additional water tapping from Wah Khlek Khlek stream nearing completion
- ICT Infrastructure: Campus fully Wi-Fi enabled, supported by advanced ICT infrastructure valued at ₹8.52 crores, ensuring high-speed digital connectivity and seamless academic operations

This integrated approach to campus development reflects NIT Meghalaya's commitment to creating a state-of-the-art learning and research environment, facilitating academic excellence and student well-being.



5. Academic Growth and Student Development

The academic year 2024–2025 marked a significant period of curricular reforms, program expansion, and digital integration at NIT Meghalaya. The Institute implemented the Choice-Based Credit System (CBCS), Academic Bank of Credits (ABC), and Multiple Entry–Exit Options to align with NEP 2020, providing greater flexibility, interdisciplinary learning, and student autonomy. Outcome-Based Education (OBE) has been strengthened through systematic mapping of Course Outcomes with Program Outcomes and continuous assessment aligned with NBA standards. Faculty development programs were conducted to ensure effective implementation of these academic reforms.

New Academic Programs:

- MCA (from AY 2025–26) for software and data-driven technologies
- Three B.Tech programs with NPTI Guwahati: Cyber-Physical Systems & Cyber Security, Energy Engineering, Power Systems Engineering to be started from 2026-27 session.
- M.Tech in Environmental Engineering (supported by MoHUA)
- Minor Degree Programs: Sports Engineering; upcoming minors in AI, Data Science, and Energy Systems

Language and Cultural Integration:

- German Language Course (in collaboration with EFLU, Shillong)
- Khasi Language Course to promote local linguistic appreciation and cultural engagement

Student Diversity:

- Students from all states of India and 4 countries (40 students)
- Female : 28%
- Gross Enrolment Ratio increased by 12% in 2024 and 15% in 2025

Scholarships & Financial Assistance:

- Beneficiaries: More than 75% students under Merit-cum-Means, SC/ST Fellowships, Pragati, Saksham, PMSSS, PM Vidyalakshmi

Digital and Library Resources:

- Integrated Academic Management System for academic processes.
- Central Library with 16,000+ physical books, 9,674 e-books, subscriptions to Scopus, ScienceDirect, SpringerLink, ACM Digital Library, AMS MathSciNet
- Automated Koha Library System, E-Library, National Digital Library integration. Access to full-text databases such as ScienceDirect, SpringerLink, ACM Digital Library, and other publishers through ONOS.
- Access to Turnitin, QuillBot, and Grammarly for academic integrity.
- Book Bank facilities for SC/ST students.

Industry Exposure:

- Final-year B.Tech students undertake 6–12 month internships, providing practical experience and employability

6. Research, Innovation, and Entrepreneurship

The Institute has enhanced its research ecosystem through sponsored projects, patents, publications, collaborations, and entrepreneurship initiatives.

Research Projects:

- Consultancy projects: 33, worth ₹2.91 crores
- Sponsored projects: 9, worth ₹4.90 crores (TCOE, TTDF, NECTAR-DST, ISRO–NAVIC, ANRF)
- Publications: 150 SCI/Scopus papers; 100+ conference papers
- Patents: 4 filed



Collaborations & Facilities:

- 14 MoUs with international and national institutions including TU Ilmenau, IITs, IIM Visakhapatnam, Oxford University, Dot Pad Inc., SCSTE Meghalaya
- CIF investment: ₹12.46 crores with advanced equipment (FESEM, XRD, 3D Printer, AAS, GC, Chiral HPLC). This facility is extensively used after shifting to the permanent campus.
- Semiconductor Lab enhancement: ₹2.25 crores
- Three new computer labs with 287 high-end desktops of worth Rs. 2.87 Crores.

Entrepreneurship (CIIE):

- Mentored more than 20 startups; 05 received MSME/CIIE seed funding
- Activities: Design Thinking workshops, Innovation Talks, Smart India Hackathon, India Skills Competition
- Goal: 10 student-led startups by AY 2025–26

7. Student Welfare and Holistic Development

NIT Meghalaya emphasizes mental health, extracurricular engagement, and holistic development. The Counselling Centre supports students and staff through individual and group sessions and conducts awareness programs on mental health, personality development, toxic relationships, and substance abuse.

Screenings:

- Specific Learning Disability (SLD)
- Personality Type Assessment
- Learning Styles Assessment

Student Achievements:

- More than 30 students of NIT Meghalaya have qualified in GATE 2025, with four students securing ranks within the top 1000, the highest being an impressive All India Rank of 21.
- Multiple Best Poster/Oral Presentation Awards in national and international conferences (e.g., ACS-II, ICMSC 2025, ICAMM-2024)
- Nazir Uddin received Best Poster Presentation Award in the International conference on " Advances in Chemical Sciences " (ACS-II), Department of Chemistry, North-Eastern Hill University on the 24-26 September, 2025.
- Amarjyoti Mondal received Best Oral Presentation Award in ACS-II at NEHU during September 24-26, 2025.
- Sanchita Pramanik received the Best Presentation Award for her talk at the International Conference on Mathematical Science and Computing-Innovations and Applications (ICMSC 2025) at NERIST, Arunachal, during June 26-28, 2025.
- Krishnandu Dey received Best Poster Presentation Award in Anushandhan 2025 at BOSE Institute, Kolkata during March 7-8, 2025.
- Sana Quraishi received Best Poster Presentation Award in the 1st International Conference on Advanced Materials and Manufacturing (ICAMM-2024), JISIASR in association with the American Chemical Society on the 18-19 December, 2024.
- Basudha Deb secured the Best Poster award in the poster competition at the PCAMC 2024 held at IISER Kolkata from December 11-14, 2024.
- Plabon Saikia received Best Poster Presentation Award in 51st National Seminar on Crystallography held at VNIT Nagpur during November 27-30, 2024.
- Mitul Kalita received Best Poster Presentation Award in the 1st International Conference on Molecules to Materials: Chemistry for Sustainable Future (M2ChemSF-2024) at NIT Hamirpur during 21-22 November, 2024.



- Onus Manner received “Best Oral Presentation award” at the “International Conference on Celebrating 100 Years of Quantum Mechanics” organized by St. Anthony’s College and NIT Meghalaya from 21st-22nd November 2024
- Pallabi Saha received Best Poster Presentation Award in the Condensed Matter Days - 2024 (CM DAYS - 24) awarded by Department of Physics, Dibrugarh University, Assam on the 4-6 November, 2024
- Arush Raman: Gold Medal, International Astronomy and Astrophysics Competition, Top 1% globally
- Subhadeep Sihna: Gold Medal, All India Inter-NIT Power Sports Championship

Annual Events:

- **COGNITIA 2024:** Technical fest with Robotics, Coding, Gaming, Photography, Astronomy, and Departmental events
- **SHISHIR 2025:** Cultural fest with performances by Pandit Satish Vyas, MUN, Tushar Joshi & Band
- Awareness initiatives: Nasha Mukta Bharat Abhiyaan, Swachhata Pakhwada, Har Ghar Tiranga, Swachhata Utsav
- National Sports Day & National Space Day celebrations

8. Events, Collaborations, and Outreach

The Institute continues to engage in national and international collaborations, community development, and inclusive education initiatives. Between November 2024–25, over 20 seminars, workshops, and conferences were organized, including ICISML 2025, SMSSCR 2025, and EPE 2025.

During the academic session from November 2024 to October 2025, NIT Meghalaya organized over 50 invited lectures featuring eminent academicians and researchers from India and abroad. Some of the distinguished speakers included Prof. Amitabha Ghosh, Prof. Saurabh Basu, Prof. Sehgal, Prof. Prasan K. Sahoo from Taiwan, and Prof. Ravi Fernandes from Germany, among others. These lectures provided valuable insights into advanced research areas and greatly enriched the academic environment of the Institute.

Faculty members have contributed significantly to research, teaching, and knowledge dissemination. Notable conferences and workshops include:

- International Conference on 100 Years of Quantum Mechanics (Physics)
- SERB & NEC workshops on Space & Remote Sensing, Solid Waste Management (Civil)
- 7th International Conference on Energy, Power & Environment (Electrical)
- ICISML 2025 (CSE) and ICISNC-2026 upcoming
- COIN 2025: Interdisciplinary conference with NLSIU Bangalore (HSS)
- IEEE NE-IECCE 2026 hosted by Electrical Engineering

Outreach and Social Development:

- Developed “Gadget for the Visually Impaired” with DoT Inc., South Korea, and global university partners
- Under Unnat Bharat Abhiyan, five villages (Saitsophen, Kutmadan, Mawsmal, Kalatek, Umkhaba) adopted for social and educational development
- Sitimon Sawian Centre for Inclusive Education: Computer training for visually impaired; 8 students **certified in 2025; MoU with global consortium supported by Google and Microsoft**

9. Human Resource and Faculty Development

NIT Meghalaya has focused on faculty growth, recognition, and development to strengthen academic leadership. In 2024–25, the Institute welcomed 10 new faculty after Nov 2024, and hosted 14 visiting/Guest faculty. Multiple faculty development programs and workshops were conducted.

Faculty Recognition:

- Prof. Pinakeswar Mahanta and Prof. Diptendu Sinha Roy – Stanford Top 2% Scientists (2025)
- Dr. Susmita Sharma – Committee Member, IGS Young Geotechnical Engineers Forum (2025–26)



- The faculty of NIT Meghalaya has consistently demonstrated excellence in research, innovation, and academic leadership, contributing to the Institute's growing reputation nationally and internationally. During the year, several faculty members, including Prof. P. Mahanta, Prof. H. C. Das, Prof. A. Dandapat, Prof. S. Mukherjee, Prof. D. Sinha Roy, Prof. D. K. Sarma, Dr. H. Joshi, Dr. R. S. Das, Dr. K. Debnath, Dr. A. Nath, Dr. A. Nayak and many others visited foreign universities in Germany, Dubai, Singapore, Thailand, Portugal, Poland etc. to participate in international conferences and engage in collaborative research, fostering joint research initiatives and academic exchange.
- Dr. Smrutilekha Sahoo became a member of the National Executive Committee of the Indian Geotechnical Society for the year 2025.
- Faculty members have secured competitive research grants and sponsored projects from leading agencies such as DST, DoT, SERB, DRDO, ISRO, MeitY, and AICTE, and have contributed significantly to knowledge creation through SCI/Scopus-indexed journal publications, conference papers, and patents in areas such as renewable energy, smart materials, and artificial intelligence.
- They have delivered keynote addresses and invited talks at national and international forums, and several have been recognized with prestigious awards and fellowships, highlighting their contribution to the field of engineering and technology.
- Beyond research, faculty have played a vital role in curriculum development, student mentorship, consultancy projects, and outreach programs, while also serving on national boards, committees, and review panels. Their achievements underscore a commitment to fostering academic excellence, global collaboration, and innovation, positioning NIT Meghalaya as a centre of distinction in technical education and research.

10. Placements and Career Development

The Institute's graduates have demonstrated high employability, with numerous companies conducting placement drives. During 2024–25, 109 companies participated, placing 64.71% of final-year students, with 55% securing multiple offers.

Placement Highlights:

- Highest package: ₹52 LPA (Amazon)
- Average package: ₹11.75 LPA
- Early placements: JP Morgan (₹19.75 LPA), Service Now (₹18.67 LPA), MakeMyTrip (₹12 LPA)
- Upcoming recruiters: BP, SLB, Accenture, Infosys

The 12th Convocation of NIT Meghalaya stands as a testament to the Institute's academic excellence, institutional growth, and societal impact. The achievements of students, faculty, and staff reflect NIT Meghalaya's commitment to innovation, inclusivity, social responsibility, and holistic development, contributing meaningfully to the nation's progress.



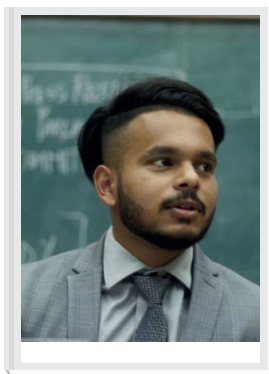
GRADUATION DATA:
2025

Disciplines	B. Tech.	M. Tech.	M.Sc.	Ph. D.	Total
Civil Engineering	30	6	-	2	38
Computer Science Engineering	34	12	-	10	56
Electronic & Communication Engineering	34	2	-	9	45
Electrical and Electronics Engineering	30	1	-	4	35
Mechanical Engineering	25	3	-	4	32
Chemistry	-	-	16	2	18
Mathematics	-	-	9	1	10
Physics	-	-	11	4	15
Humanities and Social Sciences	-	-	-	1	1
Total	153	24	36	37	250



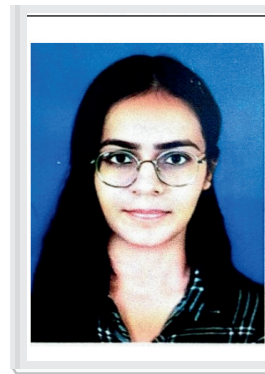
AWARDEES

PRESIDENT'S GOLD MEDAL



PARTHIV DAS
B21CS002
COMPUTER SCIENCE & ENGINEERING
2021-2025

CHAIRPERSON'S GOLD MEDAL

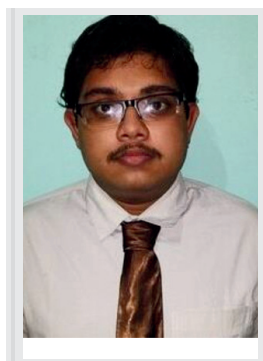


SHUBHAVI KUKREJAI
B21CS018
COMPUTER SCIENCE & ENGINEERING
2021-2025

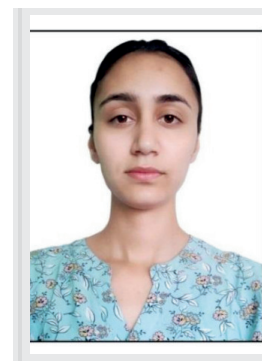
INSTITUTE GOLD MEDALISTS



YASH RAJ GUPTA
B21CS034
COMPUTER SCIENCE & ENGINEERING
2021-2025



SAYANTAN BOSE
T23CS002
COMPUTER SCIENCE & ENGINEERING
2023-2025

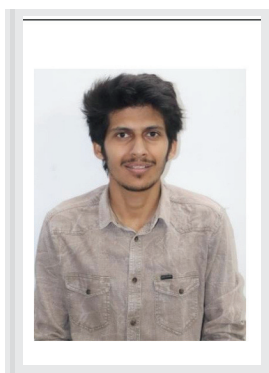


SHREYA RAMOLTA
S23PH001
PHYSICS
2023-2025



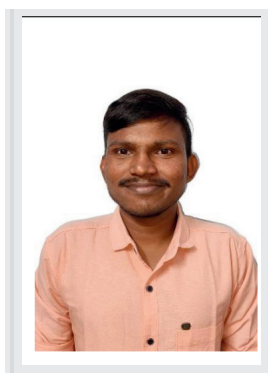
INSTITUTE SILVER MEDALISTS

BACHELOR OF TECHNOLOGY



MANISH KUMAR BISHNOI

B21CE013
CIVIL ENGINEERING
2021-2025



EDIGA AJAY GOUD

B21EC010
ELECTRONICS & COMMUNICATION ENGINEERING
2021-2025



BAVANI SANKAR S

B21EE019
ELECTRICAL ENGINEERING
2021-2025



SOURABH PAUL

B21ME013
MECHANICAL ENGINEERING
2021-2025



YASH RAJ GUPTA

B21CS034
COMPUTER SCIENCE & ENGINEERING
2021-2025

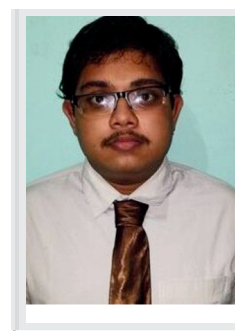


MASTER OF TECHNOLOGY



PRATEEK GHOSH

T23CE006
CIVIL ENGINEERING
2023-2025



SAYANTAN BOSE

T23CS002
COMPUTER SCIENCE & ENGINEERING
2023-2025

MASTER OF SCIENCE



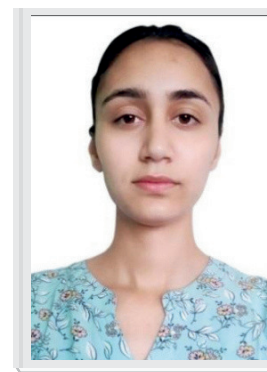
ADITI AGGARWAL

S23CY004
CHEMICAL & BIOLOGICAL SCIENCES
2023-2025



SOUVIK BHATTACHARYA

S23MA007
MATHEMATICS
2023-2025



SHREYA RAMOLTA

S23PH001
PHYSICS
2023-2025



LIST OF DEGREE RECIPIENTS

DOCTOR OF PHILOSOPHY

Department: Chemical & Biological Sciences

Roll No.	Name	Thesis Title	Supervisor
P19CH003	Palash Jyoti Boruah	Investigations on the Reaction Mechanism of Chemical Reactions Based on Electronic Structure Calculations and Excited State Dynamics	Dr. Amit Kumar Paul, Assoc Prof, Dept of Chemical Sciences, Bose Institute, Kolkata
P20CH002	Kakali Baruah	Biogenic synthesis of Silver, Gold and their Bimetallic Nanoparticles: A Comprehensive Understanding of Protein-Corona Formation, Binding Aspects, and Biological Applications	Dr. Atanu Singha Roy

Department: Computer Science and Engineering

Roll No.	Name	Thesis Title	Supervisor
P16CS001	Susovan Chanda	Enhancing IoT Security through Context Aware Deep Learning and Advanced Encryption Techniques	Prof. Diptendu Sinha Roy
P19CS012	Moirangthem Rabindra Singh	Certificateless Schemes for Data Security in IoMT System	Dr Surmila Thokchom
P21CS001	Prasant Kumar Mohanty	Explainable Artificial Intelligence for Next-Generation Smart City Applications and Services	Prof. Diptendu Sinha Roy



Roll No.	Name	Thesis Title	Supervisor
P19CS005	Kaushik Ray	Enhancing Quality of Service in Low-Rate Wireless Personal Area Networks through Traffic-Aware Solutions	Dr. Soumen Moulik
P21CS002	Sonali Samal	Development of Efficient Deep Learning Models for the Identification of Obscenity to Safeguard Women, and Society	Dr. Bunil Kumar Balabantaray
P21CS017	Chandrasen Pandey	Data-Augmentation with Generative AI for Edge Traffic Analytics over 5G and Beyond Networks	Prof. Diptendu Sinha Roy
P19CS007	Anil Kumar Swain	Development of AI-Driven Techniques for Enhanced Lung Cancer Detection and Classification	Dr. Bunil Kumar Balabantaray
P19CS011	S R Ngamwal Anal	Detection of Adverse Drug Reactions Using Deep Learning Techniques with Case Studies on COVID-19 Vaccines and Drugs	Dr. Yogita, Assistant Professor, CSE Dept, NIT Kurukshetra (on lien from NIT Meghalaya)
P19CS006	Nongmaithem Nandini Devi	Addressing Concerns related to Pricing, Data Privacy, and Operational Efficiency for Next-Generation Smart Energy Transactions	Dr. Surmila Thokchom
P19CS001	Lizia Sahkhar	Efficient Cloudlet Movement and Placement Strategy in a Dynamic Environment	Dr. Bunil Kumar Balabantaray



Department: Electrical Engineering

Roll No.	Name	Thesis Title	Supervisor
P20EE001	Subhasis Bandopadhyay	Design and Development of Improved Switching Techniques for Reduction of Harmonics in Grid	Dr. Atanu Banerjee, IEST Shibpur
P21EE001	Manish Kurre	Development and Analysis of Induction Heated Autoclave System Driven by Various Multilevel Inverters	Dr. Atanu Banerjee, Assoc Prof, IEST Shibpur
P22EE007	Priyanka Roy	Advanced Control and Development of Three-level Diode-Clamped Traction Inverter for Electric Vehicles	Dr. Atanu Banerjee, IEST Shibpur
P22EE002	Sumant Kumar Dalai	Modeling and Analysis of Reduced Component Switched-Capacitor Boost Inverter for Grid-Connected Photovoltaic System	Prof. Gayadhar Panda, Professor, NITTR Kolkata

Department: Mechanical Engineering

Roll No.	Name	Thesis Title	Supervisor
P19ME010	Bhargab Madhab Barua	Surface Modification of Aluminium Alloy Using CNT Based Powder Metallurgical Green Compact Tool in EDM Process	Dr. Maneswar Rahang
P19ME015	Souradeep Dutta	Numerical and Experimental Study of Machining of Smart Material and Super Alloys Using Powder Mixed Micro-EDM/EDA Process	Prof. Deba Kumar Sarma, Professor
P18ME007	Dheeman Bhuyan	Investigation of Blood Flow Phenomena and Introduction of Pulsatility During Cardiopulmonary Bypass	Dr. Pallekonda Ramesh Babu (former faculty, ME Dept, NITM), Asst Prof, NIT Warangal



Roll No.	Name	Thesis Title	Supervisor
P19ME007	Vasujeet Singh	CFD Simulation of Hydrodynamics and Co-combustion using Coal and Biomass in an Industrial Scale	Prof. Harish Chandra Das

Department: Civil Engineering

Roll No.	Name	Thesis Title	Supervisor
P19CE003	Pranamee Baruah	Comprehensive study of process parameters affecting the precipitation of carbonate minerals in soil triggered by urea hydrolysis	Dr. Susmita Sharma
P21CE005	Richard Badonbok Lyngkhoi	Experimental study on the behaviour of AAC masonry walls reinforced by embedding steel wire mesh into the masonry bed and bed-head joint	Prof. C. Marthong

Department: Electronics and Communication Engineering

Roll No.	Name	Thesis Title	Supervisor
P19EC010	Gouri Shankar Chetia	Development of Blind Hyperspectral Unmixing Method for Variants of Endmembers	Dr. Bishnulatpam Pushpa Devi
P19EC009	Gaurav Bhargava	Automation of GaN Based Power Amplifier for Sub-6 GHz Applications	Dr. Shubhankar Majumdar
P19EC005	Soumendu Ghosh	Design of Electromagnetic Metasurface for Polarization Engineering and Radar Stealth Applications	Dr. Abhishek Sarkhel
P21EC009	Suresh Penchala	Analytical Framework and Performance Analysis of Intelligent Reflecting Surface-Aided 6G Communication	Dr. Shravan Kumar Bandari



Roll No.	Name	Thesis Title	Supervisor
P19EC007	Kattekola Naresh	Towards Sophisticated Applications: Designing Approximate Computing Circuits for Neural Networks and Microwave Imaging	Dr. Shubhankar Majumdar
P21EC004	Debbarni Sarkar	Performance Evaluation of Intelligent Reflecting Surface-Assisted 6G Wireless Networks	Dr. Satyendra Singh Yadav
P20EC002	Moupali Roy	Design and Analysis of Respiratory Systems through Nonlinear System Identification Methodology	Dr. Prabir Saha
P21EC003	Rabul Saikia	Development of Computer-aided Diagnostic System for Acute Leukemia Detection from Peripheral Blood Smear Images	Dr. Salam Shuleenda Devi
P19EC002	Chirag Gupta	Performance Evaluation of DL-based Channel Estimators in UAV-Assisted Wireless Communication Systems	Dr. Satyendra Singh Yadav

Department: Mathematics

Roll No.	Name	Thesis Title	Supervisor
P19MA002	Sanjiv Subba	Generalizations of Semicommutative Rings	Dr. Tikaram Subedi



Department: Physics

Roll No.	Name	Thesis Title	Supervisor
P19PH001	Obeidullah Khan	Study of the Industrial relevant molecules using DFT analysis	Prof Ayon Bhattacharjee
P18PH005	Shaheen Gulshanah	Adsorption mechanism of formaldehyde by rutile (110) SnO ₂ surfaces: A first-principles approach	Prof. Ayon Bhattacharjee
P20PH001	Sanchia Mae Kharphanbuh	Electric Field-Assisted Laser-induced Breakdown in Liquids: Nucleation and Application of Mn ₂ O ₃ nanoparticles	Dr. Arpita Nath
P19PH005	Santu Mazumder	Exploring the impact of layer structures and materials properties on the efficiency of CZTS based solar cell	Dr. K.Senthilkumar

Department: Humanities & Social Sciences

Roll No.	Name	Thesis Title	Supervisor
P19HS001	Ankita Bhowmick	Voices of the Oppressed in Select Works of Toni Morrison	Prof. Paonam Sudeep Mangang



MASTER OF TECHNOLOGY

Department: Civil Engineering (Structural Engineering)

SI. No.	Roll No.	Name
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2	T23CE003	Daphihun Pyngrope
3	T23CE004	Aibok Khasain Shabong
4	T23CE005	Gabriel Handell Sohkhlet
5	T23CE006	Prateek Ghosh
6	T22CE005	Samuel Bennett

Department: Computer Science and Engineering

SI. No.	Roll No.	Name
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2	T23CS002	Sayantan Bose
3	T23CS003	Marissa Nova Khyriem
4	T23CS004	Dhananjay Bhargava
5	T23CS005	Shrikant Sharma
6	T23CS006	Ankita
7	T23CS007	Sweta Jha
8	T23CS008	Abygail Nora Lyngdoh
9	T23CS009	Sainphyrnai Marbaniang
10	T23CS010	Deibyntalang Myllemngap
11	T23CS011	Badahun Konjir
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Department: Electronics and Communication Engineering (VLSI and Embedded Systems)

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Department: Electrical Engineering (Power and Energy Systems)

SI. No.	Roll No.	Name
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Department: Mechanical Engineering (Fluids and Thermal Engineering)

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MASTER OF SCIENCE

Department: Physics

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6	S23PH006	Dipshikha Das
7	S23PH007	Aibanribiang Lyngkhohi
8	S23PH008	Baphilari Khyriem
9	S23PH009	Anirban Das
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Department: Mathematics

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Department: Chemical and Biological Sciences

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13	S23CY014	Megha Kumari
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BACHELOR OF TECHNOLOGY

Department: Civil Engineering

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Department: Computer Science and Engineering

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22	B21CS026	Cleverson Mynthlu
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26	B21CS030	Nitish Modi
27	B21CS031	Gutti Madhulika
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Department: Electronics and Communication Engineering

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23	B21ME029	Ribok Sylliang
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25	B21ME032	Diyasha Mahanta



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