



NITM

Chronicle

Issue 4; January 2020

HIGHLIGHTS

- ❖ AREIS 2019
- ❖ COIN 2019
- ❖ TECHFEST COGNITIA
- ❖ PRE CHRISTMAS
CELEBRATIONS
- ❖ INTRA INSTITUTE FOOTBALL
TOURNAMENT



F2F

WITH THE DIRECTOR



Director, NITM

Team: Sir, This time our Institute has been ranked 61st by the National Institute Ranking Framework, MHRD. What was your plan of action for this accomplishment?

Director: The rank of our Institute has ascended from 100th position in 2017 to 61st this year.

It is a great accomplishment with further scopes for improvement. My current goal is to secure the position of our institute within the top 50 engineering Institutes. It was only with the help and cooperation of all the faculty members, staffs and our hardworking students that we have achieved this feat. Placement sector is performing better, results have improved, and these are contributing factors to a better rank. As NITM is operating from a temporary campus, we have some space constraints, but these impediments have not come in our way in excelling in academic sphere, we have good number of projects involving both faculties and students. If we could shift to our permanent campus in another half a year, we can conduct numerous additional activities that will eventually lead to an improved rank. There is always a continuous effort to make our Institute visible to outsiders through regular activities (student activities, faculty activities). Among the 32 NITs, this time, we are at 15th position, which means we have surpassed many well established old national level institutes. It encourages us immensely to work harder.

Team: Sir, the Annual Technical fest COGNITIA 2019 was a great success and students had shown active participation and collaboration. For the first time colleges and schools across Shillong participated in the fest. What is your outlook on this?

Director: In Cognitia, this time, we involved school students with an aim to apprise the school going students in Meghalaya about the national level institute next door. Most importantly, to sensitize them about career opportunities and various facilities we offer. They were trained and later exhibitions were done with our own physical resources to stimulate their interest in the higher education.

I am happy that our hard work is paying off and we hope to achieve bigger and better goals in the future.

150th Gandhi Jayanti

The Institute celebrated the birth anniversary of **Shri Mohandas Karamchand Gandhi** on **October 02, 2019**. Dr. Paresh Nath Chatterjee, SAC President, Dr. Bidyasagar Kumbhakar, SAC Vice-President (Cultural), and Prof. Ayon Bhattacharjee, Dean (R&C), lighted the lamps in honour of Mahatma Gandhi. Prof. Bhattacharjee, in his speech, highlighted the principles and contributions of Gandhiji which transformed him from a common man to the ranks of Mahatma and the Father of the Nation. He also emphasised the ideals by which Mahatma Gandhi lived and inspired millions around the globe. The event was coordinated by Dr. Tribedi Bora, Assistant Professor, Department of Physics.



Vicky Hajong, CSE, B.Tech I, Sushmita Paul, CSE, B.Tech II, and Sushant Kumar, ME, B.Tech III organised various patriotic events in the memory of the Father of the Nation. Muskan Jaiswal, ECE, B.Tech II was the host of the event. Observing Gandhiji's doctrine of cleanliness, the celebration ended with a cleanliness drive where students, teaching, and non-teaching staffs participated with full zeal in cleaning the campus and hostel premises. Volunteers made the event a great success.

Recent Advances in Chemistry 2019

A **National Symposium on Recent Advances in Chemistry 2019**, was organised by the Department of Chemistry, NIT Meghalaya in association with **DST-SERB** and **North East Council, Government of India** during **October 14–15, 2019**. RAC 2019 aims to deliberate upon the emerging trends in chemical sciences and to provide a platform for dialogues on collaborative interdisciplinary research in the frontier areas of chemical sciences. The conference covered topics like **Supramolecular chemistry, Green chemistry, Biophysical chemistry, Bioorganic and medical chemistry, Bio inorganic chemistry, Polymer science, Nanomaterials, and Energy storage device**. The conference received participation from institutes like IIT Guwahati, IIT Roorkee, IISER Kolkata, NEHU, NERIST and NIT Hamirpur.

Prof. S. Dasgupta, Department of Chemistry, IIT Kharagpur, Prof. S. Deep, Department of Chemistry, IIT Delhi, Prof. N. Chattopadhyay, Department of Chemistry, Jadavpur University, Prof. S. K. Pati, Theoretical Sciences Unit, JNCASR, Prof. S. Adhikari, School of Chemical Sciences, IACS, Prof. S. Patil, Solid State and Structural Chemistry Unit, IISc Bangalore, Dr. Apurba Kumar Sau, NII Delhi delivered the keynote lectures. The conference was also graced by the several invited and young scientist lectures from reputed institutes like IITs, IISc, IISER, BHU, JNU, NITs, NEHU, and Gauhati University.



Prof. Bibhuti Bhusan Biswal, Director, NIT Meghalaya was the Patron, **Prof. Ayon Bhattacharjee**, Dean (R&C), **Dr. Atanu Banerjee**, Dean (SW), **Prof. Gayadhar Panda**, Dean (AA) & Dean (FW), and **Dr. Deba Kumar Sarma**, Dean (P&D) were the advisors. Dr. Atanu Singha Roy, Assistant Professor and HoD, Department of Chemistry, and Dr. Amit Kumar Paul, Assistant Professor, Department of Chemistry, were the conveners of the conference. The organising secretaries were Dr. Pares Nath Chatterjee, Associate Professor, Dr. Gitish Kumar Dutta, Associate Professor, Dr. Naba Kamal Nath, Assistant Professor, and Dr. Mukul Pradhan, Assistant Professor.

Workshop on Cyber Security

A one week National Workshop on Cyber Security, sponsored by TEQIP-III, was organized by the Department of Computer Science and Engineering, NIT Meghalaya in association with **Relearn Academy, Chandigarh**, during **October 14-19, 2019**. **Prof. Bibhuti Bhusan Biswal**, Director, NIT Meghalaya, was the Chief Patron and **Prof. Ayon Bhattacharjee**, Dean (R&C), was the Patron. The workshop was co-ordinated by Dr. Surmila Thokchom, Assistant Professor, Department of CSE, and Dr. Yogita, Assistant Professor and HoD, Department of CSE. There were 65 participants including students of the Institute as well as faculties from other colleges of the state, besides few members of Meghalaya Police. The attendees gained a clear understanding on cyber security tools to curb cyber-crime around the world.

Center for Innovation, Incubation & Entrepreneurship

The **Center for Innovation, Incubation and Entrepreneurship** celebrated the Innovation Day on **October 15, 2019** on the auspicious occasion of Dr. A.P.J. Abdul Kalam's Birth Anniversary. During this event **Prof. Bibhuti Bhusan Biswal**, Director, NIT Meghalaya had issued the sanctioned letters to the students and faculty members received from the **State Council of Science, Technology & Environment (SCSTE), Meghalaya** under **Scheme Sponsored Projects 2019**. The SCSTE Meghalaya sanctioned 15 projects and financial support of **Rs. 11,21,469/-**. These projects were designed to solve the livelihood issues of the Meghalaya region through the event **INNOVATHON 2019**.

Jal Shakti Campus

A "Jal Shakti students' team" was constituted on **October 18, 2019**. The team was formed under the "**Jal Shakti Campus**" initiative of Department of Higher Education, MHRD, Government of India. A team of thirteen students was formed. The key interventions of the team were to promote and monitor water conservation, and water management inside as well as outside the NIT Meghalaya campus. Jal Shakti student's team: Anil Bhukya B18EE023 Atul Kumar B18EE019 Kunal K. Ray B18ME004 Manveer B18ME027 Aman Alok B18ME014 Neekshitha Reddy B19CE023 Rohit K. Prasad B19ME015 Naveen Kumar B18EE003 Vaibhav K. Ratnesh B18CS015 Suraj Gautam B18CE012 P.M. Reddy B19CE025 Nathaniel M. Lyngdoh B18EC008 Rila I dor Suchiang B18CE012.



COIN-2019

The Department of **Humanities and Social Sciences** had organized a two days **International Conference (COIN-2019)** on the theme of **“Intersections of Literature and History for Social and Cultural Change”** during **October 19-20, 2019**, sponsored by **ICSSR-NERC** and **TEQIP III**. Many eminent academicians graced the Conference with a resourceful keynote on various aspects of the theme of the conference. Ten keynotes and around 175 presentations were delivered on current research areas. The Conference was graced by the presence of Resource persons across the globe. Delegates from Bangladesh, Sri Lanka, South Sudan, and from over 100 universities, institutes and colleges had made their active participation in the Conference.



Prof. Ahmed Ahsanuzzaman, English Discipline, Khulna University, Bangladesh, Prof. Awadesh Mishra, Director, EFLU, Shillong Campus, Prof. Jyotirmoy Prodhani, NEHU, Prof. Saugata Bhaduri, School of Language, Literature and Culture Studies, JNU, Prof. Simi Malhotra, Director, Centre for North East Studies and Policy Research, Jamia

Millia Islamia, Prof. Th. Ratankumar Singh, Director, College Development Council, Manipur University, Dr. Avishek Ray, Assistant Professor, NIT Silchar, Dr. N. Binata, Assistant Professor, Manipur University of Culture, Imphal, Prof. T. K. Bamon, EFLU, Shillong Campus, and Dr. Paonam Sudeep Mangang, Associate Professor and HoD, Department of HSS, NIT Meghalaya were the keynote speakers.



Indian Women and Mathematics

The Department of Mathematics, NIT Meghalaya organized a one and half day workshop titled **“Indian Women and Mathematics (IWM) Regional Workshop on Research and Opportunity”** in association with **IIT Mumbai** and **IIT Guwahati** during **October 19 – 20, 2019**. The **National Board of Higher Mathematics (NBHM)** funded the workshop. There were 64 (51 Female, 13 Male) participation in the workshop, of which 47 were outstation candidates. 12 participants presented twelve posters. In addition, there were also 10 local attendees from NIT Meghalaya. In the workshop, six lectures were delivered by invited speakers from IIT Mumbai, IIT Kanpur, IIT Madras, ISI Delhi, IIT Guwahati and University of Delhi. A short talk was delivered by one of the faculty members on **“Opportunities in Mathematics”**. An interaction session regarding queries related to career and research was conducted for all the participants. An interview with Prof. Tanvi Jain (ISI Delhi) was held related to her research journey and the difficulties faced. The workshop was ended with vote of thanks and distribution of certificates.

National Unity Day

The Institute observed the Rashtriya Ekta Diwas 2019 (National Unity Day) to commemorate the 144th birth anniversary of Sardar Vallabhbhai Patel on **October 31, 2019**. Jaswant Arya, B.Tech III and Riya Choudhuri, B.Tech II threw light on integrity of Indian masses on this occasion. Vicky Hajong B.Tech I and Proshidh Hajong, B.Tech IV sang melodious patriotic songs, whilst Sushant Kumar and group of B.Tech presented a drama illustrating the Unity in Diversity of the India. At the end all students, faculty and staff members pledged to dedicate themselves to preserve the unity, integrity and security of the nation. A unity run was organised early in the morning in the local areas of Shillong under the command of Dr. Paresh Nath Chatterjee, SAC President, Dr. Bidasagar Kumbhakar, SAC Vice-President (Cultural) and Dr. Pradeep Kumar Rathore, SAC Vice-President (Sports).



National Vigilance Week

The National vigilance week was observed during **October 28 – November 02, 2019** to encourage all stakeholders of NIT Meghalaya to curb corruption. An Essay competition on the topic **"Integrity- a way of life"** was organized where the winners were **Gauri Shankar (1st)**, **Obeidullah Khan (2nd)**, and **Esha Lyndoh (3rd)**. An extempore speech competition with topics related to **"Elimination of corruption from different areas of society"** was organized where the winners were **Dheeman Bhuyan (1st)**, PhD, ME, **Obeidullah Khan (2nd)**, PhD, PH and **Ankita Bhowmick (3rd)**, PhD, HSS. The events were organised with an aim to raise public awareness regarding the existence, causes and threats posed by corruption.



Awareness Program

An awareness program on “Criminal justice system and importance of good mental health” was organized on **November 06, 2019**.

TopCem Plant visit

The students from B.Tech IV, Department of Mechanical Engineering made an Industrial visit to the **Topcem Cement plant at Meghalaya Cements Limited, Thangskai, Lumshnong, East** on **November 06, 2019**. The event was sponsored by **NIT Meghalaya**. Dr. Pallekonda Ramesh Babu, Assistant Professor, Department of ME, NIT Meghalaya had communicated with the HR of the organization to conduct the educational trip to the industry and accompanied the students to visit the plant. During the visit students get a chance to see various units of the plant and their merits and demerits and various operations to be performed during the preparation of the cement. The visit also educated students about the various challenges the industry is facing and the possible research areas.



Invited talks

- The Department of Chemistry organized a guest lecture by **Dr. Joyanta Choudhury**,

Associate Professor, Department of Chemistry, IISER Bhopal, on **November 02, 2019**.

- The Department of Electronics and Communication Engineering had organized an invited talk by **Prof. Loana Voiculescu** from the City College of New York, USA, on "**Innovative MEMS Sensors for Biological Applications**" on **November 29, 2019**.

AREIS 2019

A ten days **National Training Program on “Advancements for Renewable Energy Integration Systems (AREIS 2019)”**, was organized by the Department of Electrical Engineering, during **December 04-13, 2019**. The training was funded by **CSR Sponsored Project REC Transmission Projects Company Limited, New Delhi**. This training program was designed to address recent advancements in the area of smart electric grid technologies related to integration of renewable energy sources, control techniques, protection technologies and big-data analytics. A total number of 32 participants registered and participated for the workshop. Two external experts, Prof. Akshya Kumar Swain from University of Auckland, New Zealand and Prof. Sukumar Mishra from IIT Delhi along with faculties of NIT Meghalaya delivered lectures during the workshop. Two industry sessions by Typhoon HIL and Ericsson India Pvt. Ltd. were also conducted along with the hands-on-practice sessions on MATLAB, PSIM, PSSE.

Condolences

A condolence meeting was held on **November 11, 2019** in the memory of **Late Kanai Chandra Sarker**, who passed away on **November 07, 2019**. He was an M.Tech first year student at Department of Electronics and Communication Engineering, NIT Meghalaya. The Director, Deans, faculty members, non-teaching staff and all students of the Institute prayed for the departed soul and expressed heartfelt thoughts to the grieved family.

Codastic- The coding club of NIT Meghalaya

CODERSEYE 1.1

Codastic conducted a coding challenge entitled "**CODERSEYE 1.1**" on **November 02, 2019** at NIT Meghalaya. This event was conducted to create an excitement for coding among students. The winners were **Shanborlang Suja (1st)**, **Jaswant Arya (2nd)**, and **Kummari Tirupathi Rao (3rd)**.



Hacktoberfest

Codastic conducted a Hacktoberfest workshop on **October 26, 2019**. The workshop was organized for the developers, competitive programmers, or beginners in programming. The workshop allows all coders to contribute to open source projects.



Welcome codes

Codastic conducted an open coding challenge "**Welcome Codes**" in which student from more than 20 colleges and universities participated. The winners of the challenge were **Swapnil Mahajan (1st)**, Harcourt Butler Technical University, Kanpur, **Souradeep Paul (2nd)**, Kalyani Government Engineering College, and **Vichitr (3rd)**, NIT Karnataka.



Codastic achievement

After qualifying online coding round, the team of three coders (**Ashutosh Kumar**, **Divyesh Shrivastava**, and **Jaswant Arya**, B.Tech, NITM) represented NIT Meghalaya at **International Collegiate Programming Contest (ICPC) Regionals on-site**.



Faculty outreach programmes

- **Dr. Manideepa Saha**, Assistant Professor and HoD, Department of Mathematics, was invited to deliver a talk on **“National Conference on Recent Trends in Mathematics and its Applications”** held at GITAM, Bengaluru during **December 20-21, 2019**.
- **Dr. Saikat Mukherjee**, Associate Professor, Department of Mathematics, was invited to deliver a talk **“On Woven-ness of K-fusion frames”** in the **13th International Conference on Mathematical Sciences for Advancement of Science and Technology (MSAST 2019)** held during **December 21-23, 2019** at Kolkata.
- **Dr. Susmita Sharma**, Assistant Professor, Department of CE, was invited to deliver a talk in the **Training Program on Landslide Mitigation and DPR Preparations**, sponsored by NDMA, New Delhi, organized by North-Eastern Hill University (NEHU) on **November 28, 2019**.
- **Dr. Paresh Nath Chatterjee**, Associate Professor, Department of Chemistry, was invited to deliver a talk on **“C-C Bond breaking reaction: unconventional route towards the synthesis of TRAMs”**, organised by Recent Trends in Chemistry, Department of Chemistry, NEHU Shillong, during **October 31- November 01, 2019**.
- **Dr. Amit Kumar Paul**, Assistant Professor, Department of Chemistry, was invited to deliver a talk on **“The Unimolecular Dissociation of Weakly Bound Aromatic Complexes at High Temperatures in Gas and Condensed Phase”**, organised by Recent Trends in Chemistry, Department of Chemistry, NEHU Shillong, during **October 31- November 01, 2019**.
- **Dr. Paonam Sudeep Mangang**, Associate Professor and HoD, Department of HSS, delivered a lecture on **“The Relevance of Inter-disciplinarity in Modern Research”**,

ELCC-2019 at Manipur University during **November 22-23, 2019**.

- **Dr. Anup Dandapat**, Associate Professor, Department of ECE, served as the **session chair in IEEE International Symposium on Smart Electronic Systems (IEEE-iSES)**, Rourkela, India during **December 16-18, 2019**.
- **Dr. Anup Dandapat**, Associate Professor, Department of ECE, was invited to the **2nd International Conference on Electronics and Communication Engineering (ICECE'2019)**, Xi'an, China, during **December 09-11, 2019**.
- **Prof. Gayadhar Panda**, Professor, Department of EE, delivered an invited talk on **“Power quality control of multi-level inverter for Renewable energy Applications”**, organized by HIT Bhubaneswar, Odisha, during **October 03-04, 2019**.
- **Dr. Bunil Kumar Balabantaray**, Assistant Professor, Department of CSE, served as the **session chair in ICMLCI 2019** organized by Interscience Institute of Management, BBSR, Odisha, India, during **December 14-15, 2019**.
- **Dr. Diptendu Sinha Roy**, Associate Professor, Department of CSE, was invited to deliver a talk on the topic **“Tutorial on Hadoop Big Data Analytics and Cloud Computing”** held at NESAC, Umiam, on **November 18, 2019**.
- **Dr. Alok Chakrabarty**, Assistant Professor, Department of CSE, was invited in the one week ATAL Workshop on ARTIFICIAL INTELLIGENCE, to deliver a talk on **“Statistical and Sense based Short- and Medium-sized Natural Language Text Classification”**, organized by North Eastern Hill University, Shillong, India, on **October 22, 2019**.

Department of Mathematics has received DST-FIST grant and one GIAN Proposal has been accepted.

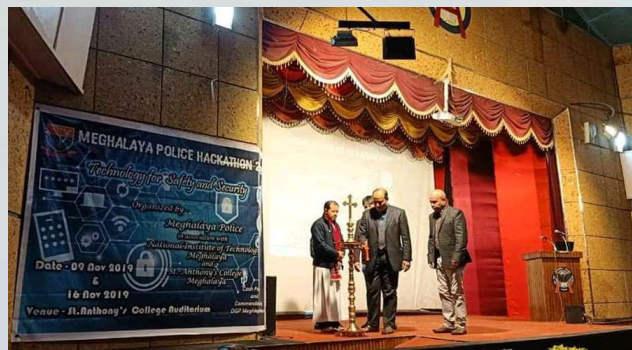
Students' achievements

- **Shaheen Gulshanah**, PhD, PH received a prestigious **INSPIRE fellowship** to pursue her PhD in the field of Liquid Crystals at Department of Physics, NIT Meghalaya.
- **Sourav Das**, PhD, CY received the **Best Poster Award** at the National Conference on Recent Trends in Chemistry (RAC) organized by the Department of Chemistry, NIT Meghalaya during **October 14-15, 2019**.
- **Rishika Chakraborty**, PhD, CY received the **Best Poster Award** at the National Conference on Recent Advances in Chemistry (RAC 2019) organized by the Department of Chemistry, NIT Meghalaya during **October 14-15, 2019**.
- **Arundhati Ashangbam**, PhD, HSS received the Award for the **Best Presentation among PhD Scholars** at COIN-2019 held at NIT Meghalaya during **October 19-20, 2019**.
- **R. U. Ahmed**, PhD, ECE received the **Best Paper Award** in International Conference on Recent Trends in Advanced Computing (ICRTAC) held at VIT University, Chennai during **November 11-12, 2019**. The paper entitled "Fast and Area Efficient Implementation of RSA Algorithm".
- **Bhabani Shankar Nayak**, CY, secured **All India Rank 0043** in **GATE 2020** (Chemistry).

Meghalaya Police Hackathon 2019

Meghalaya Police in association with NIT Meghalaya and St. Anthony's College, Meghalaya had organized **Meghalaya Police Hackathon 2019** with a slogan **"Technology for Safety and Security"**. In the phase I of the event, i.e. on **November 09, 2019** SP CID Shri Herbert G. Lyngdoh, MPS, Shri Jagpal Singh Dhanoa, IPS, SDPO- Sadar, Shilling talked about Drug Abuse),

WPSI Smt. Christine highlighted the increasing Crime against Women and Children, Shri Walsall M. Momin, MPS shared Traffic Problems in Shillong, Shri. Banraplang Jyrwa, MPS told the threat and dire consequences of Fake news, with the participating teams.



On **November 16, 2019**, sixteen teams namely **Megheckors, ETHITECH, OGTECH, fsociety, Mind Benders, Innovation Geeks, Cicada 404, Titans, PROJIKOR, NonSense, bitcoders, Elite Hackers, STAMBH, UNIQUE, TriNetra, and Decepticons** gathered at New Computer centre, NIT Meghalaya and presented the solutions to the problems discussed in Phase I of the event. The winners are yet to be announced.



एक भारत श्रेष्ठ भारत

Intra-Institute Painting Competition

An Intra-Institute Painting Competition on the topic “**Environmental scenario in relation to technology advancement**” was organized by the Photography Club, NIT Meghalaya on **December 09, 2019**. The winners were selected on the basis of artistic expression, self-curation, composition, colouring techniques, subject matter, and adaptation of time and space. Ksh Aasyothama, BFA, Delhi College of Art, India was the external expert. . The winners were **Vedanshu Kuwal (1st)**, **Manolina Saha (2nd)**, and **Amrit Raj (3rd)**.

Quiz competition

A Quiz Competition was organized by the Literary Club on **December 11, 2019**. Prof. Ayon Bhattacharjee (Dean R&C) was the quizmaster. Thirty one teams participated in the competition. Out of which, six teams qualified for the finals. The winning teams **Liger (1st)** (Shivam Sharma and Hemant Narayan Yadav), **Edunites (2nd)** (Aviral Kumar Choubey and Ritik Mani Yadav), and **Phoenixes (3rd)** (Naman Satyavana and Gaurav Gupta) were awarded for their performances.



Essay Competition (Hindi & English)

An Essay Competition was organized in both Hindi and English languages by the Literary Club, NIT Meghalaya on **December 12, 2019**. The topics of the essay were respectively “**\$5 trillion economy dream or reality**” and “**Adhunik Bharat ki Sankalpna**”. Thirty five students participated in the competition. The winners (**English**) were **Jahnvi Kashyap (1st)**, **Meenakshi Kharel (2nd)**, and **Doliza Dolma Kharlyngdoh (3rd)**. The winners (**Hindi**) were **Ritik Mani Yadav (1st)**, **Prince Kumar Singh (2nd)**, and **Shivam Sharma (3rd)**.



Arunachal Pradesh, Uttar Pradesh & Meghalaya

A workshop on Drama, Historical and Geographical Background and Festivals of Arunachal Pradesh, Uttar Pradesh and Meghalaya was conducted on **November 06, 2019**. Seven groups of six students each gave a presentation about the various cultural aspects of one of the three states. Which include information about its people, its history, legacy, various languages spoken, festivals and celebrations, tourist destinations and cuisines. The discussions allowed students to learn about the unity in diversity of the states and how the festivals were celebrated in the ancient days, about the present situation of people, and the sites of historical relevance.



Intra-Institute Football Tournament

An Intra-Institute Football Tournament was organized by the Sports committee, **Student Activity Center**, at Pohkseh Football ground and Polo ground, Shillong during **October 19 – 20, 2019**. In this tournament, two teams from each year (one from boys and another from girls) participated.

	Boys	Girls
Winning team	Tur Shaphrang (1 st year "B")	Team 3 rd & 4 th year girls
1st Runner-up	Team 4 th year "A"	Herd (1 st year girls)



Pre-Christmas celebrations

NIT Meghalaya celebrated pre-Christmas on **December 11, 2019** in the mini auditorium. The event opened with a worship song followed by Bible reading and prayer by Wiwatdaka Lakai. To begin the event, Dr. Balajiled Nongrum, the speaker of the event, cut the cake. B.Tech I students performed a skit and B.Tech II students entertained the audience by their action song, while another special song was performed by Janouris Shabong and group. The programme ended with praises, worship, and benedictions offered by the speaker. All the students relished the refreshment and exchanged gifts.





The **Fourth Annual Technical festival of NIT Meghalaya, Cognitia 2019**, was organized by the Students' Council of NIT Meghalaya within the campus. It was organized during **September 30- October 01, 2019**. It is one of the biggest technical fests of the state. The event was co-sponsored by title sponsor- **Star Cement**, banking partners- **Canara Bank, Meghalaya Co-operative Apex Bank, Meghalaya Rural Bank, Bank of Baroda**, education partner- **Coding Blocks**, media partner- **The Northeast Times**, food partner- **Pizza Hut**, riding partner- **Royal Enfield** and a bunch of local entrepreneurs. During these two days, students from different colleges competed with all their wit and knowledge of technology in Robotic events. The winners were rewarded with attractive cash prizes. The events were Race Against Time (RAT), Goal Against Time (GAT), RoboDiction, Line Follower Robot, Robo Rumble, Prison Breakout, and Pick and Place. The CSE, ECE, EE, ME, and CE departments of NIT Meghalaya also organised the Department specific events. Events like Techstorm, Science Exhibition, Debate, Quiz and Gaming events hyped up the excitement and competitive spirit of the participants. The brainstorming events, Techstorm and Science Exhibitions, were new additions to the fest organised by the **Yabhakriti**, the Robotics Club of NIT Meghalaya.



A few days prior to the main fest, dedicated workshops were conducted by Yabhakriti members for the participants. This trained them in assembling and building personalized robots to compete in the events. The main event commenced with the inauguration programme. The Chief Guest, Mr. B. Anantha Sarma, Executive Director, Power Grid Corporation of India Limited, Director, NIT Meghalaya, Dean (SW), SAC President, VP- Technical were felicitated with bouquet and memento, followed by lighting of lamp and speeches by the dignitaries. Cognitia 2019 was finally declared open by the Director, which followed the Robotics, Departmental and the rest of the events up till the evening.



The final day began with no less hype and enthusiasm. The final round of the events took place during the day, while in the evening the prize distribution ceremony took place to celebrate the hard work and the zest of the students. The winning teams from Techstorm Group I were **Binary Beats (1st)** and **The Dementors (2nd)** while from Group II, **Innovation Geeks (1st)**. The winners of the Science and Technology Exhibition were **Vikalp Sharma (1st)** from KV NEHU, and **Mansi Sharma (2nd)**, **Debasmita Das (3rd)** from NIT Meghalaya. Cognitia, being the biggest college-based technical fest of Meghalaya, is one of a kind in the state.



An **Institution's Innovation Council** was constituted to conduct various innovations and entrepreneurship related activities prescribed by MHRD's Innovation cell in time bound fashion.

<p>President: Prof. Harish Chandra Das (Professor, ME, NITM)</p> <p>Vice President and Convener: Dr. Ch. V. Rama Rao (Asst. Prof, EC, NITM)</p> <p>External Experts:</p> <p>Mr. Banteibor Lyngkhoi (SCSTE, Meghalaya)</p> <p>Mr. P. Sudhakararao (GMTD Meghalaya, BSNL, Shillong)</p> <p>Deepak Choudhury (Regional Manager, SBI Regional Business Office, Shillong)</p>	
INNOVATION ACTIVITY	
<p>Coordinator: Dr. Sanjoy Debbarma (Asst. Prof, EE, NITM)</p> <p>Student Members:</p> <p>Chirag Roy (B17EC011), Shubham Singal (B18ME012), Naman Satyavana (B17EE018), Prince Kumar Singh (B17CS024), Nathaniel Manbha Lyngdoh (B18EC008), Govind Kumar (B18EC025)</p>	
START UP ACTIVITY	INTERNSHIP
<p>Coordinator:</p> <p>Dr. Gitish Kishor Dutta (Asst. Prof., CY, NITM)</p> <p>Student Members:</p> <p>Mayank Singh (B18EC005), Dathrang I Kyndiah, (B18EE012), Shubham Anand (B18EC024), Vivek Singh Chauhan (B17ME010), Jaswant Arya (B17CS036), Saurabh Yadav (B17CE026), Sudha Kumari (B18CS009)</p>	<p>Coordinator:</p> <p>Dr. Rajat Subhra Das (Asst. Prof., ME, NITM)</p> <p>Student Members:</p> <p>Sushant Kumar (B17ME026), Himanshu Raj (B17EE026), Diam Kupa Tariang (B18CS004), Kerlarympei Mawrie (B18EC002), Rahul Kumar Gupta (B18CE002), Pinkylin Nonglang (B18EE026), Atul Kumar (B18EE019)</p>
IPR	SOCIAL MEDIA
<p>Coordinator:</p> <p>Dr. Kishore Debnath (Asst. Prof., NITM)</p> <p>Student Members:</p> <p>Rishabh Jaiswal (B17EE019), Pankaj Goyal (B18EC009), Chandan (B17CS023), Saurav Dayal (B17CE031), Kunal Kumar Ray (B18ME004), Damonmi Sungoh (B18CS005), Amardeep (B18EE030)</p>	<p>Coordinator:</p> <p>Dr. Vipin Pal (Asst. Prof., CS, NITM)</p> <p>Student Members:</p> <p>Vineet Kumar (B18EE028), Rajeev Ranjn Chaurasia (B18CS017), Matti Dondor Majaw (B18EC018), Aman Raj (B17CE030), Tushar Singh (B18CS021), Rila I Dor Suchiang (B18EC012)</p>
ARIIA Coordinator:	NIRF Coordinator:
Dr. P. Ramesh Babu (Asst. Prof., ME, NITM)	Dr. P. Rangababu (Asst. Prof., EC, NITM)
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