



# NEWS LETTER

## New Year's Issue

The Institution of Engineers (India)

ASSAM STATE CENTRE  
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*"A Century of Service to the Nation"*

### From Chairman's Desk



Every New Year brings along with it new hopes and aspirations, fresh promises and resolutions. I join all your well-wishers to convey my best wishes for 2024 to all Corporate

Members, State Committee Members, Staff and Associates, and sincerely hope that this year will usher in peace, prosperity and good health to you all. This opportune moment, I thank all members for reposing their faith on me and vesting upon me the responsibilities of the Chairman of Assam State Centre of the Institution of Engineers (India) for the session 2023-24 & 2024-25.

The major problem we are facing in recent times is the lack of interest of the young generation of engineers in collective efforts and strengthening the activities of the IEI, which is a pioneer professional body with a chequered history of 103 years. We must go for serious introspection to find out the causes of this problem and create spaces for the budding engineers to join this Institution, which will result in increase of membership and maintenance of the glory of our Assam State Centre. Arrival of young engineers will automatically infuse new ideas and spirit to boost up start-ups, entrepreneurial ventures, besides the routine activities.

We have successfully celebrated the 66 th Foundation Day, organised 18 th H P Barua Memorial Lecture, National Energy Conservation Day and participated in the 38 th Indian Engineering Congress at Jabalpur, M.P. These are necessary, but sufficient for a State Centre to thrive.

I thank all Corporate Members, State Committee Members, Well-wishers and Staff of ASC, IEI who helped us in all manners during the last period. A special mention for the staff and members who made it possible to publish the IEI News Letter on time,

Once again, a very Happy New Year and Bhogali Bihu wish to all of you.

Warm regards

(Er. Mahesh Barkataki FIE)  
Chairman

### From Honorary Secretary's Desk



Dear Corporate Members,

I am truly honoured to be the Honorary Secretary of this esteemed Centre for the next two years. I would like to offer my thanks to the retiring Committee members for their faith on me to act as the Hony. Secretary of this Centre.

In the last quarter of the year many events took place in the Centre. The AGM of IEI, ASC was held on 30 th October 2023, where a new State Committee took over the charge for the next two year. We organized 66 th Foundation Day of IEI, ASC along with H.P. Barua Memorial Lecture on 28 th November 2023. This year H.P. Barua Memorial Lecture was presented by Padmashree Dr. Rabi Bastia, CEO, Oilmax Energy Pvt. Ltd., Mumbai. An IEI Alumni Meet was organized on the same day where Assam Chapter of IEI Alumni Association was formed. On that day Satyendra Sarma Memorial award and Gokul Ch. Goswami Memorial award were also presented by Padmashree Dr. Rabi Bastia. National energy Conservation Day was celebrated in the Centre on 14 th Dec' 2023 where Prof. Debendra Chandra Baruah, Deptt. Of Energy & Director of Centre of Multidisciplinary Research, Tezpur University, Tezpur presented a lecture on "Energy Conservation Scenarios in some sectors of Economic Importance: An analysis with special Reference to Policy and Perspective in Assam."

A strong team of delegates consisting of 8(eight) members and 3 (three) spouses from ASC participated in the 38 th Indian Engineering Congress held at Jabalpur from 27-29 December 2023. Our team took part in various lectures and technical events and interacted with IEI's new elected President.

As we are ready to welcome 2024, we hope to maintain the technical activities throughout the year, so as to motivate the young engineers to participate in our program.

Wishing everyone a very happy and prosperous new year 2024.

(Er. Monojit Mishra MIE)  
Hony. Secretary

#### Forthcoming events :

- National Science Day : 28.02.2024
- World Water Day : 22.03.2024

- World Telecommunication & Information Society Day : 17.05.2024
- World Environment Day : 05.06.2024

War does not determine who is right - only who is left. - Bertrand Russell

# Report on 56<sup>th</sup> Engineers' Day - 2023

The Institution of Engineers (India), Assam State Centre celebrated the 56<sup>th</sup> Engineers Day on 15<sup>th</sup> September, 2023 in its Panbazar premises to commemorate the birthday of Bharat Ratna Sir Mokshagundam Visvesvaraya on the theme **“Engineering a Resilient Future: Building Stronger, Smarter, Safer”**. In the morning at 10-00 hrs floral tribute was offered to the bust of Sir M Visvesvaraya. At 5 PM a function was arranged at IEI ASC where Prof. (Dr.) N N Patwari FIE, Chairman of the Centre presided. Er. Monojit Mishra MIE, Jt. Hony. Secy. gave the welcome address.

Life and achievements of Sir M Visvesvaraya was presented by Er. Bhaben Kalita, Past Hony. Secretary of the Centre. He lucidly explained the achievements of Sir MV through beautiful pictures using power point presentation.

Six Eminent Engineers were felicitated on the occasion of Engineers' Day for their outstanding contribution in their respective fields of Engineering. The felicitation program was conducted by Er. Mahesh Barkataki FIE, Past Hony. Secretary of the Centre. As Appointed Speaker of the function, Prof. (Dr.) S K Kakoty delivered a power point presentation on the theme. He clearly mentioned that if a system is developed to be robust and resilient, it can withstand all challenges like Covid situations. Prof. Kakoty used power point slides to depict the works carried out by the Rural Technology Group of IIT Guwahati under his guidance to enhance the life events of rural people. Such supportive activities are helping to achieve Sustainable Development Goals (SDG) of the society.



# REPORT ON WORLD OZONE DAY 2023

The Institution of Engineers (India) Assam State Centre in association with Pollution Control Board, Assam celebrated the World Ozone Day 2023. The programme was organized under "Mission LIFE (Lifestyle for Environment)" on 16<sup>th</sup> Sept., 2023 at 6.00 PM in the Auditorium of its Panbazar premises. Dr. Shantanu Kr. Dutta, Member Secretary PCB Assam gave the welcome address to the gathering and introduced the Resource Person Dr. Rahul Mahanta, Associate Professor, Department of Physics, Cotton University. Prof (Dr) N N Patwari FIE, Chairman, IEI-ASC presided over the meeting.

Dr. Arup Kr. Misra, Chairman, PCBA gave a stunning and splendid speech on the Celebration of the International Ozone Day of the meeting. He also emphasized on the public awareness on Ozone layer depletion and its consequences. Dr. Rahul Mahanta, Resource Person elaborated in details through a power point presentation about the impacts of Ozone Layer and improvement of these parameters. In the meeting Er. Gokul Bhuyan Addl. Chief Environment Engineer, PCBA Guwahati also spoke on the theme connecting air pollution. There were large numbers of Corporate Members of IEI, Officer, Staff of PCBA and many other representatives of company, etc. in the meeting. There was lively and vibrant interaction among the Speakers and participants. The Program was very much successful in terms of its objectives. The meeting was concluded with formal Vote of thanks from Pulak Sarmah FIE, Honorary Secretary IEI-ASC.



# REPORT ON 723<sup>RD</sup> COUNCIL MEETING OF THE INSTITUTION OF ENGINEERS (I) HOSTED BY THE ASSAM STATE CENTRE

The Assam State Center of IEI organized the 723<sup>rd</sup> Council Meeting of the Institution of Engineers (India) during 23–25 September 2023 in the premises of the Indian Institute of Technology, Guwahati at North Guwahati. Most of the Council Members and Invited members checked in on 22<sup>nd</sup> September, 2023 and they were all accommodated in the Guest House No.2 of IIT Guwahati. Except Meghalaya, all the delegates arrived by flight and volunteers of the Organizing Committee received them at LGBI Airport. Registration of the delegates was initiated from 4:00 PM at the Guest House with a free registration kit to every delegate. Delegates were welcomed at the Registration Desk with an Assamese Phulam Gamocha on the first day, i.e. on 23<sup>rd</sup> September, 2023 there were 2(two) meetings, - one of CATE (Council for Advancement of Technology and Engineering) from 2:30 PM and other was CCC (Centres Coordination Committee) from 4:00 PM in the Conference Hall No.2 and hall No.4 of IIT Guwahati respectively. From 6:30 PM a Council Dinner along with Cultural show was arranged in the premises of Assam State Center at Panbazar, Guwahati city. All the delegates along with their spouses, HQ staff were ferried to the ASC from IIT Guwahati in 4 (four) AC Deluxe Buses. Members of State Committee and Organizing Committee were also invited to the Council Dinner and Cultural show.

A marathon meeting of the Council took place on the 2<sup>nd</sup> day (24<sup>th</sup> September, 2023) in the Conference Hall No.3 on the both half of the day, where besides their regular business, Dr. G Ranganath FIE as the new President of IEI was elected for the ensuing year 2024. The Organizing Committee arranged a sightseeing program for the spouses & families of the Council Members to various places of importance in and around North Guwahati and Sualkuchi.

The Council meeting continued till 25<sup>th</sup> September, 2023 to complete their Agenda. After Lunch the Council Meeting was concluded. The meeting proceedings were recorded with Audio or Audio-visual mode, which were later handed over to the HQ staff for their needful action. Most of the delegates left for their homes or some other destinations on that day itself and they were dropped at Airport or their convenience. Rest of the Council Members left on the following day.

The Council Members, President and President Elect highly praised the management of the Assam State Centre for successful organization of the event.



# REPORT ON ANNUAL GENERAL MEETING

The 65<sup>th</sup> Annual General Meeting of the Assam State Centre of IEI was held on 30<sup>th</sup> October, 2023 at 6.00 pm. The meeting was attended by a large number of Corporate Members, including Past Chairmen and Honorary Secretaries. The meeting was presided over by Prof. (Dr.) N N Patwari FIE, Chairman. Prof. Patwari in his remarks urged upon the active participation of the corporate members in all the events. The minutes of the last 64<sup>th</sup> AGM was read out by the Hony. Secretary and it was confirmed and approved by the meeting. The annual report on various activities of IEI (ASC) and the audited accounts of the year 2022-2023 were also presented by Er. Pulak Sarmah, Honorary Secretary of the Centre and the same was approved by the house. The meeting opined to retain the services of the existing Audit Firm for one more year. The results of the election to the State Committee Members for the year 2023-24 & 2024-25 were announced in the meeting. The members are

## Chemical Engineering Division

1. Dr. Plaban Bora, M-165782-2 (uncontested)

## Civil Engineering Division

1. Dr. Milanjit Bhattacharyya, F-128591-9 (Contested)
2. Er. Subha Brata Sarmah, F-114502-5 (Contested)
3. Er. Shantanu Choudhury, M-170746-3 (Contested)

## Electronics Telecommunication Engineering Division

1. Mr. Amitava Nath FIE, F-114664-1 (uncontested)

## Electrical Engineering Division

1. Md. Nuruzzaman, F-122315-8 (uncontested)
2. Er. Bhaben Kalita, M-131289-2 (uncontested)

## Environmental Engineering Division

1. Er. Goku Bhuyan, F-124322-1 (uncontested)

## Mechanical Engineering Division

1. Er. Suradas Bhattacharjee, M-169074-9 (uncontested)

A new State Committee headed by Er. Mahesh Barkataki FIE as Chairman and Er. Monojit Mishra MIE as Hony. Secretary took over charge from the retiring committee. Er. Barkataki in his address appealed the corporate members to visit the Centre and think of more lively activities with new ideas and suggestions for the future. He also sought active cooperation to the new State Committee from the members and their participation in all the programmes and activities of the Centre. Er. Monojit Mishra offered a formal vote of thanks to the Chair and all the members.



## REPORT ON 66<sup>th</sup> FOUNDATION DAY AND 18<sup>th</sup> H.P. BARUA MEMORIAL LECTURE

The 66<sup>th</sup> Foundation day of Assam State Centre of the Institution of Engineers (India) was celebrated on 28<sup>th</sup> November, 2023 Tuesday at its own Auditorium situated at Panbazar. On this occasion; the 18<sup>th</sup> H.P. Barua Memorial Lecture was arranged in memory of Late Hari Prasad Barua, the legendary engineer of Assam during the British regime.

The formal meeting of the Memorial Lecture, presided over by the Chairman of the Centre Er. Mahesh Barkataki, started with the welcome address given by Hony. Secretary of Centre Er. Monojit Mishra. Before the Memorial Lecture, Er. G.N. Khound Past Chairman of the Centre presented the life and achievements of Er. H.P. Barua in a very lucid manner narrating his contribution to Assamese literature and for development of Technical Education in Assam. The speaker of the Memorial Lecture was Padmashree Dr. Rabi Bastia CEO, Oilmax Energy Pvt Ltd., Mumbai who had given a power point presentation on the theme of the Lecture –“Engineering Marvel: The Corner Stone of Human Civilization.” In his presentation, Dr. Bastia precisely spoke on the theme with an interesting mix of exemplary engineers, highly creative designs and some dream projects, which have shaped human civilization to a large extent. He also emphasized upon the matter that invention of a thing/matter should never lead to path of any sort of destruction, so that peaceful and healthy living is not hampered. In the meeting the Satyendra Sarma Memorial award for best engineering graduate and Gokul Chandra Goswami award for the best Electrical Engineering Graduate under Assam Science and Technology University, Guwahati for the year 2023 were awarded to Er. Suhashinee Bezbaruah of and Er. Ruchika Paul, both from Jorhat Engineering College, respectively . The award function was beautifully conducted by Dr. Arup Kr. Misra, Past Chairman of IEI, ASC. The meeting was attended by a host of corporate members, engineers, families of the donors and invited guests. The meeting came to an end with the formal vote of thanks offered by Er. Shantanu Choudhury, Jt. Hony. Secretary of the centre.



# REPORT ON NATIONAL ENERGY CONSERVATION DAY 2023

The Institution of Engineers (India), Assam State Centre celebrated the National Energy Conservation Day on 14<sup>th</sup> December, 2023 at its premises. The Day is celebrated every year by the people all over the country on 14<sup>th</sup> December since 1991 to emphasize upon the growing need of energy conservation and efficiency. The Energy Conservation Act in India was enacted by the Bureau of Energy Efficiency (BEE) in the year 2001. The Bureau of Energy Efficiency is a constitutional body under Ministry of Power, which comes under the Government of India, and helps in the development of policies and strategies in order to reduce the energy use. It is an institutional member of the World Energy Council (WEC).

Energy forms the basis of sustainability for human society. Its conservation is our priority. National Energy Conservation Day in India is celebrated to make people aware about the importance of energy, as well as saving or conserving energy by judiciously using energy. The exact means of energy conservation lies in using energy efficiently by avoiding the unnecessary uses. Energy conservation should be rooted in the behavior of every human being to get more efficiency out of per unit energy.

Dr. Deben Chandra Baruah, Professor of Energy Studies, Tezpur University presented the thematic lecture of the day with a range of innovative ideas and activities being carried out in India for promoting green energy. Dr. Baruah, with his vast experience of working with different sectors presented a number of case studies in front of the audience. The Corporate Members took part actively in the discussion after the lecture.

Chairman of the Centre, Er. Mahesh Barkataki presided over the session, while Er. Monojit Mishra, the Honorary Secretary introduced the speaker. Vote of thanks was given by Er. Pulak Sarmah, the Immediate Past Honorary Secretary of this Centre.



# REPORT ON 38<sup>TH</sup> INDIAN ENGINEERING CONGRESS, JABALPUR

Indian Engineering Congress (IEC) is the culmination of the year-long hectic activities of the Institution of Engineers (India) across the country, which is a great event cherished by all members of the professional body. The 38<sup>th</sup> edition of IEC was held at Hotel Royal Orbit, Jabalpur, Madhya Pradesh under the aegis of Jabalpur Local Centre during 27-29 December 2023 with a theme "Reimagining Tomorrow : Shaping the Future through Disruptive and Interdisciplinary Technologies". The Honorable Deputy Chief Minister, Govt. of Madhya Pradesh, Er. Rajendra Shukla inaugurated the event on 27<sup>th</sup> December morning as the Chief Guest in the presence of a galaxy of veteran Corporate Members, office bearers, industry leaders, awardees and dignitaries.

The 3-day technical event was marked by eight Memorial Lectures, Glimpses of Engineering Personalities, International Meet, number of presentations made on the focal theme and other Plenary Sessions. Dr. G Ranganath from Tamil Nadu took over the as New President of the Institution of Engineers (India) for the session 2023-24.

As a matter of pride and pleasure for the Assam State Centre, its active member and former Chairman, Dr. Arup Kumar was invited to deliver the 36<sup>th</sup> Dr. A N Khosla Memorial Lecture. Current Chairman of Pollution Control Board, Assam, Dr. Misra, delivered the Address on 28.12.2023 on the topic: "Transitioning from Linear Economy to Circular Economy: Charting out a Roadmap for Sustainable Development."

After three days of activities, discussions and deliberations, and most important networking among the representatives of all States and Union Territories of India, the 38<sup>th</sup> IEC came to an end on 29<sup>th</sup> December, 2023. The valedictory session of the Congress was graced by Sri Ajay Vishnoi, MLA, Govt. of MP, besides a host of important functionaries and office bearers of the Institution of Engineers (India).

The Assam State Centre of IEI was represented by a strong 12 member contingent comprising of Er. Mahesh Barkataki, Chairman & Council Member; Er. Monojit Mishra, Hony. Secretary; Dr. Arup Kumar Misra; Er. Gajendra Nath Khound; Er. Pradip Adhikary; Er. Pulak Sarmah; Er. Bhaben Kalita; Er. Nuruzzaman; Er. Subha Brata Sarmah; Ms. Shanta Khound; Ms. Pratima Adhikary and Ms. Reena Kalita.



News Letter Prepared by Er. M Barkataki, Chairman and Er. Monojit Mishra, Hony. Secretary, IEI, ASC