

THE INSTITUTION OF ENGINEERS (INDIA)

SILCHAR LOCAL CENTRE

Dated Silchar the 18th October, 2008

Report from the Honorary Secretary at the 19th Annual General Meeting held on 18th October, 2008.

Dear Members,

At the outset, I convey festive greetings to you all. After being installed on 12th October, 2007 the present committee has completed a year. During this long twelve months, it has been our endeavour to continue not only with our mandatory jobs but also to carry on with different other technical activities mainly such technical activities which are related to the local problems. The activities performed are highlighted below.

During the above mentioned period, total numbers of Local Committee Meeting convened was ten and number of Lecture Meeting held on different topics was five, besides celebrating the mandatory requirement of (i) 19th Foundation Day of Silchar Local Centre on 17th February, 2008, (ii) World Telecommunication Day on 17th May jointly with Bharat Sanchar Nigam Limited, Silchar, (iii) World Environment Day on 5th June, 2008 with Pollution Control Board, Assam and (iv) 41st Engineers Day on 15th September, 2008.

Different topics discussed in our lecture meeting are as follows :

- 1) 13-10-2007 Lecture on Vertical Axis wind turbine for small & large scale power production.
- 2) 25-11-2007 Lecture on Power Crisis aggravated by the depletion of the natural gas from Barak Valley.
- 3) 16-12-2007 Lecture on NATRIP in the development of N.E. Region.
- 4) 08-03-2008 Lecture on Bio-Technology and its Extending Horizon.
- 5) 25-07-2008 Lecture on building team spirit & human relationship.

In addition to the above mentioned technical activities, Silchar Local Centre has organized a seminar on 'Communication Bottleneck in the development of Barak Valley' on 27-04-2008 as a part of Golden Jubilee Celebration of Assam State Centre, Guwahati. Chariman and other dignitaries of Assam State Centre attended the Seminar. BRTF, N. F. Railway and National Highway Authority of India presented papers. Resolutions taken in

that seminar were sent to the authorities for implementation. It may be mentioned here that this local Centre for the first time organized state level seminar and more than 100 Engineers participated.

Further a workshop on "Detection of Forged Currency Notes" was organized at this Centre for awareness with the help of Reserve Bank of India, Guwahati. People from all sections of our society participated in that workshop held on 25th February, 2008. UBI, LICI and Assam Gramin Vikash Bank sponsored the programme. So our Local Centre did not confine in only technical activities but also addressed other burning issues.

A field trip was organized on 15th November, 2007 to DLF, Adamtilla to assess the problems faced by the Power Generation Company in getting natural gas from ONGCL. Findings were placed in the meeting held on 25th November, 2007. You will be glad to know that due to our initiative, ONGCL brought Workover Rig from upper Assam and two wells were repaired – as a result gas production of ONGCL improved. Power generation at Adamtilla also improved to a great extent.

Earthquake Resistant Design Cell & Helpline was opened by Hon'ble Union Minister Shri S. M. Dev on 23rd February, 2008 to implement the resolution taken earlier. As this valley being situated in earthquake prone zone-v, it will help the people of this valley to construct houses earthquake resistant.

Construction of building for Counselling & Information Centre was completed which was opened by Hon'ble Union Minister Shri S. M. Dev on 23rd February, 2008. It may be mentioned here that an amount of Rs. 2.00 lacs was donated by Hon'ble Union Minister Shri S. M. Dev from his MPLAD fund.

As per resolution taken in last Local Committee Meeting, today we have opened our library in the name of late Er. Satyendra Kumar Dubey at this Centre. Prof. Nikhilesh Paul donated 103 Nos. of books and a steel almirah in the name of his departed father. We sincerely thank him. It is expected that within short time, all the necessary books as per AMIE syllabus will be procured to guide the AMIE students.

From the session 2008-09 we will be able to award "Kalikrishna-Mrinalini Gold Medal" to the best student of NIT, Silchar. An amount of Rs. 1.0 lac donated by Dr. K. D. Krori and family has been kept in fixed deposit with Assam Gramin Vikash Bank, Itkhola, Silchar and with the interest generated, we will be able to award Gold Medal every year to the Silchar NIT Topper. We sincerely thank Dr. K. D. Krori and his family members for the same.

We were able to partially develop our low lying vacant land of this Centre in this session. Our senior member Er. S. R. Swami has come forward and constructed a culvert over the municipal drain for the entry of trucks etc. into the vacant land at his own cost. Premier Oil donated more than 200 trucks of soil and transported the same to fill up the low lying area of our centre. 2/3rd low lying area was thus filled up. It is expected that within next year, we will be able to fill remaining low lying area of this centre. We are thankful to our member Er. S. R. Swami and Premier Oil for their help.

The Local Centre is continuing its AMIE coaching in the centre itself. Vocational training course for repairing of 2/3 wheeler and Plumbing and Sanitary Fitting have been completed for two batches. We have also published two volumes of News Letter in this session.

At present, membership list of Silchar Local Centre G-29; FIE – 22; MIE – 85; AMIE – 63, Student members attached to Silchar Local Centre - 329. Dear Friends, we are poor in membership aspect. We must improve the membership scenario of the centre. I now request you that each of us should induct atleast five graduate engineers for membership within a month. If we all exert, our membership scenario will definitely improve soon.

You will be glad to know that we are keeping the local centre open daily from 12 Noon to 8 p.m. Full credit for these activities goes to our Chairman of the Local Centre Er. K. K. Dutta and other dedicated members of this centre. I personally will remain thankful to my Chairman for his dedicated, dynamic and selfless service for the cause of the Local Centre.

Dear members, there are many other things where we fail to fulfill your expectation. Publication of report of our activities in the News Letter published by the Head Quarter may be one such example. However, we will do the needful to reduce our shortfalls.

Before I conclude, I take this opportunity to thank you all for your support and cooperation and hope the same in future also. After all, we all feel proud for any good of our Silchar Local Centre.

Er. Prasanta Dey
Honorary Secretary

THE INSTITUTION OF ENGINEERS (INDIA)

SILCHAR LOCAL CENTRE

Dated Silchar the 25th October, 2009

Report from the Honorary Secretary **at the 20th Annual General Meeting held on 25th October, 2009.**

Dear Members,

At the outset, I convey festive greetings to you all. After being installed on 12th October, 2007 the present committee has completed its tenure. During this tenure, it has been our endeavour to continue not only with our mandatory jobs but also to carry on with different other technical activities befitting to the name and fame of the Institution. Some such activities were reported in the 19th Annual General Meeting held on 18th October, 2008 and glimpse of the rest activities will be summarised here.

During the last one year period, total numbers of local committee meeting convened was ten. The number of Lecture Meeting held on different topics was seven besides celebrating the mandatory requirement of (i) 20th Foundation Day of Silchar Local Centre on 28th January, 2009, (ii) World Telecommunication Day on 17th May jointly with Bharat Sanchar Nigam Limited, Silchar, (iii) World Environment Day on 5th June, 2009 with Pollution Control Board, Assam and (iv) 42nd Engineers Day on 15th September, 2009.

Different topics discussed in our lecture meeting are as follows :

- 1) 29-11-2008 Lecture on Earthquake Hazards in N. E. Region.
- 2) 06-12-2008 Lecture on Status Report on Bio-Diesel Plantation in Barak Valley.
- 3) 13-12-2008 Lecture on Application of Nanotechnology.
- 4) 20-12-2008 Lecture on Bangali Jatir Utpatti O Bikash.
- 5) 27-12-2008 Lecture on Global Warming and Climate Change.
- 6) 03-01-2009 Lecture on Appreciation to Soil-Testing.
- 7) 10-01-2009 Lecture on Quality Control Improvement : Then and Now.

The Local Centre has successfully completed one batch of AMIE Coaching in this year.

At present, membership list of Silchar Local Centre G-32; FIE – 22; MIE – 87; AMIE – 62, Student members attached to Silchar Local Centre is more than 350. Dear Friends, we are poor in membership aspect. We must improve the membership scenario of the centre. If we all exert, our membership scenario will definitely improve soon.

Dear members, there are many other things where we fail to fulfill your expectation. Publication of report of our activities in the News Letter published by the Head Quarter, result oriented membership drive, fund collection for our main building, holding Regional or National Seminars etc.

Our next committee will take charge from today and start their function from tomorrow. I hope that our Centre will move some more steps ahead and complete the unfinished tasks. I pray to the Almighty for their success and I express my best wishes for them.

I may be exonerated for some unintentional mistakes in conducting the activities of the Local Centre, as I could not give sufficient time due to my official engagement.

Before I conclude, I take this opportunity to thank our Chairman Er. K. K. Dutta and other dedicated members of this Centre. I personally thankful to my Chairman for his dedicated and dynamic service for the cause of the Local Centre. Special thanks to the members of press and electronic media for their active support in covering the activities of the Local Centre.

Er. Prasanta Dey
Honorary Secretary

THE INSTITUTION OF ENGINEERS (INDIA)
SILCHAR LOCAL CENTRE

Dated Silchar the 29th October, 2011

Report from the Honorary Secretary

at the
22nd Annual General Meeting
on 29th October, 2011

Dear Members,

I first of all convey my heartfelt festive greetings on the eve of Subha Bijoya to you all present here in this evening.

Today is the 22nd Annual General Meeting of the Institution of Engineers (India), Silchar Local Centre. The present committee took over the charges on 25th October, 2009. So after being installed on 25th October, 2009, the present committee has completed its tenure of two years. It was our endeavour to continue not only with our mandatory activities but also to carry on a few technical activities which enhance name and fame of the Silchar Local Centre.

During our tenure, 22 (twenty two) numbers of Local Committee Meeting were convened. We also organised number of Lecture Meetings on different topics as follows :—

- 1) 13-02-2010 Lecture Meeting on Stress Management (Silva Method) of Mind Control alongwith Mudra Therapy by Dr. Sukumar Nath Choudhury.
- 2) 22-05-2010 Lecture Meeting on Co-relation between Plinth Height and Road Level by Dr. Ashim Kanti Dey.
- 3) 26-02-2011 Lecture Meeting on Basic Mathematics by Er. Subhash Chandra Choudhury.
- 4) 26-03-2011 Lecture Meeting on Heridity & Genes by Er. Subhash Chandra Choudhury.
- 5) 23-04-2011 Lecture Meeting on Big Numbers by Er. Subhash Chandra Choudhury.
- 6) 28-05-2011 Lecture Meeting on Chemistry of Water by Er. Subhash C Choudhury.
- 7) 8th, 9th & 3-Days Public Awareness Campaign for Safe Construction Practices with the

14th Sept. '11 District Administration, Cachar, Silchar.

Besides this we also celebrated our mandatory activities – (i) 21st & 22nd Foundation Day of Silchar Local Centre on 28th January (ii) World Telecommunication & Information Society Day on 17th May in collaboration with Bharat Sanchar Nigam Limited, Silchar with publication of News letter (2010) (iii) World Environment Day on 5th June, (iv) 43rd Engineers' Day.

In 43rd Engineers' Day, we felicitated our past Chairman of Silchar Local Centre. Among them, they were Er. B. U. A Barbhuiya, Er. S. P. Das Purkayastha, Er. P. K. Deb, Er. Haridas Dutta. This year, the 44th Engineers' Day on 15th September, 2011 was celebrated in befitting manner. We felicitated and honoured Er. B. K. Roy, Retd. Chief Engineer, PWD, Assam as Eminent Engineer. Besides this we also felicitated our all Past Chairman & Past Hony. Secretary present on that very day. We also honoured the best student of Silchar Polytechnic. An essay competition was organised among the students of NIT, Silchar and Silchar Polytechnic on the theme "Disaster Mitigation".

To commemorate the day one Souvenir was released. We also celebrated the day with a Seminar with powerpoint presentation on the theme "Engineering Preparedness for Disaster Mitigation".

We also completed successfully AMIE Coaching for Section - A Diploma stream for the session Summer - 2010. During the coaching of AMIE, Silchar Local Centre procured one Lap-Top Computer for providing computer support to the Local Centre.

At present, membership list of Silchar Local Centre as received on 31-03-2011 are – Associate-45; AMIE - 63, MIE - 92 & FIE - 28, total nos. of Corporate Members comes to 228. Dear friends, we are very poor in membership aspects. We must improve our membership scenario of the Centre.

May I lay before your the plight of the Local Committee of Silchar Local Centre for your guidance and direction. I would like to state that of the 16 (sixteen) members of the local committee, about 5 (five) members have not attended even a single meeting convened so far. So, in the light of the selection of members, I request and appeal all the members of this house to be very careful while selection of Local Committee Members as the local committee is answerable to general body for performance of this Centre. One of the option could be to include a combination of Seniors & Juniors.

Dear members, there are many other things we fail to fulfill your expectation. Publication of report of our activities in the News Letter of Head Quarter, result oriented membership drive, fund collection for our main building for which we could not start our construction. holding Regional or National Seminars, permanent boundary wall etc.

Our next committee will take charge from today and start their function from tomorrow. I am very much optimistake that under the dynamic leadership of Chairman (elect) Er. S. R. Swami, unfinished tasks of this Local Centre will be completed. I pray to the almighty for their success and express best wishes for next committee members to be formed.

I may be exonerated for some unintentional mistakes in conducting the activities of the Local Centre, as I could not spare my time more.

I also take opportunity to thank our Chairman Er. A. K. Ray for support & guidance during the activities of this Centre. I also like to convey my special thanks & wishes to our outgoing Local Committee Members.

In the concluding part, I sincerely believe that this Local Centre will rise to a greater height of activities with co-operation, help, guidance and support from our beloved members of this Local Centre.

My special thanks to all the members of this house for their presence in this evening. I also convey my thanks to Press & Electronic Media for their active support for covering our activities of this Local Centre.

Lastly, I also extend my love and gratitude to Senior Members who rendered their services for the relentless journey of this Local Centre.

With best wishes on Happy Diwali.

Er. Gautam Dutta Choudhury
Honorary Secretary

Report from the Honorary Secretary

at the 24TH Annual General Meeting on 26th October, 2013

The Present Committee tookover charges in the month of November, 2011 and has completed two year journey. During this period, this committee has convened 17 Local Committee Meetings, performed technical activities, installed bust statue of Sir M. Vivesvaraya and completed Plan & Estimate for the construction of a multi-storied office building of Silchar Local Centre.

As about technical activities, our committee has organised the following lecture meetings :-

1. Talk on "Management of self & coronary artery disease (CAD) Regression programme by Dr. M. M. Nath, Retd. Head of the Deptt., Deptt. of Cardiology, Silchar Medical College, Silchar on 14.12.2011.
2. Lecture Meeting on " Traffic Management System" by Er. Bikramjit Dasgupta, NATRiP, Silchar on 12.01.2012.
3. Lecture Meeting on "Mobile Network : Current and Future Trend" by Dr. Pradipto Das, Deptt. of Computer Science, Assam University, Silchar on 22-01-2012.
4. Lecture Meeting on "Project Management" by Dr. D. Ghosh, Asstt. Professor, Deptt. of Business Administration, Assam University, Silchar on 28-04-2012.

Beside these, we celebrated mandatory functions and arranged discussion on designated theme by distinguished speakers.

- i) 23rd & 24th Foundation Day on 28th January, 2012 & 13.
- ii) World Telecommunication & Information Society Day on 17th May, 2012 & 13.
- iii) World Environment Day on 5th June, 2012 & 13.
- iv) Engineers' Day on 15th September, 2012 & 13 respectively.

45th Engineers' Day held on 15th September, 2012 at this Centre, we felicitated Er. Ardhendu Dasgupta, Retd. Superintending Engineer, PWD, Govt. of Assam an eminent engineering personality for his outstanding contribution to the society. On this day News Letter (Vol. 8, Issue No. I) of Silchar Local Centre was released. The day was celebrated in a grandious way with the participation of engineers of this valley. Likewise, the 46th Engineers' Day held on 15th September, 2013 at this Centre, we have arranged unveiling of bust of Bharat Ratna Sir Dr. M. Visvesvaraya, by our Chairman,

Er. S. R. Swami in present of all the engineers members & invitees. Also, the day was celebrated by felicitation of Er. P. K. Das, Retd. Head of the Deptt., Silchar Polytechnic an eminent engineer who has produced well established engineers by his able guidance. We also felicitated Vinod Kumar, IPS, DIG, Southern Range, Cachar Circle and also Shri Mohitosh Paul Choudhury, President, Ex-student Forum of Silchar Polytechnic. Besides this, one best student of Silchar Polytechnic of the year 2013 was also felicitated for his outstanding academic performances. Hence, as a whole the day was celebrated in a colorful manner with the presence of all the learned members and invitees. And to commemorate the day one "News Letter (Vol. 9 Issue I) of Silchar Local Centre was also released.

Our membership strength (As on September, 2013)

F = 33, M=98, AM = 110 – Total = 241

Some new applications for membership have been forwarded to the Head Quarter for necessary action. Though, the figure is poor we are to work hard to increase the member strength. Friends, I am glad to mention here that in 261th Local Committee Meeting held on 11-05-2013, Er. P. Adhikari, Chairman and Er. S. K. Kakoty, Hony. Secretary, Assam State Centre of the Institution of Engineers (India) have joined us to interact with our members and they have suggested to induct Engineers from Mizoram State to increase membership strength.

Our Committee proposed to construct a new building for Silchar Local Centre with office room, guest room, class room, car parking, library, auditorium, boundary wall etc. on own land of Silchar Local Centre. Accordingly, a construction committee under the Chairmanship of Er. B. K. Das and convenorship of Er. Gautam Dutta Choudhury and other members was constituted for this purpose. The construction committee has placed a plan & estimate of the building before the local committee for discussion. After threadbare discussion, some modification has been suggested by the committee. Finally, with modifications, plan & estimate has been forward to the Head Quarter for necessary action. The revered members, you would be much happy in knowing that the Head Quarter has released building grant of Rs. 2.0 lakh to start the work. In subsequent Local Committee Meeting it has been resolved that atleast Rs. 10.00 lakhs is necessary in the first phase to start the construction work. Now, the balance amount will be collected through sponsor and personal contributions from the members. This is a challenging task ahead and we are to work unitedly to achieve this goal.

Friends, I feel that my contributions as Hony. Secretary is nominal compared to my predecessors who have taken a lot of trouble in developing this Centre. However, I have always been trying to protect the status of glorious past and held the head of the initiate high. I am sure that the vast experience of Er. Subhash Chandra Choudhury {Past Hony. Secretary & Chairman (elect)} will accelerate the activities of the Centre.

In fine, I extend my sincere thanks and gratitude to you all whose constant support, guidance and advice directly or indirectly has inspired me to bring the Silchar Local Centre to this present stage.

With all warm festival greetings I conclude.

Long Live The Institution of Engineers (India), Silchar Local Centre.

Er. Nikhil Ranjan Choudhury
Hony. Secretary

THE INSTITUTION OF ENGINEERS (INDIA)
Silchar Local Centre
Report from the Honorary Secretary

Dear members,

First of all I convey my seasons greetings to all of you in this **25th Annual General Meeting 2014**. It gives me immense pleasure to present before you the report of the work done by the present committee. The Present Committee took over charges in the month of October, 2013 and has completed one year journey.

Administrative: Our membership strength as on September, 2014 : F =30, M=100, AM =114 Total = 244
as on September, 2013 : F =33, M=98, AM =110 Total = 241

During this period, this committee has convened 12 (twelve) Local Committee Meetings, performed technical activities, took initiatives for construction of the office building which is yet to take shape because of unavoidable reasons.

Technical Activities : The committee has organized the following major events:–

- ▶ **Regional Workshop on Role of IPR on Innovation in Electronics, Communication, Computing & Devices in collaboration with Tezpur University IPR Cell was held on 27-28 November 2013.**

The above workshop was sponsored by Department of Electronics and Information Technology (DeitY), Government of India. The two-day workshop covers the aspects related to Role of Intellectual Property Rights in ICT; use of Copyright and Trademarks to protect innovations in ICT; litigations related to Copyright and Trademarks in ICT Sectors; use of Patents to protect innovations in ICT; how to search Patent Information; how to manage Innovations and IPR in an Academic Institution.

The workshop was attended by the Faculty Members, PG Students and PhD Scholars of Assam University and NITS, Working Engineers and Entrepreneurs of Barak Valley. The resource persons were Prof. P. Ganguli, MHRD IPR Chair, Tezpur University, Dr. Pritam Deb, Coordinator IPR Cell, Tezpur University, Mr. A.Sen and Mr. Abhishek Sen, Patent Advocates of Kolkata.

- ▶ **One day interactive and hands on session on Nerve Therapy was held on 26 June 2014.**

The interactive hands-on session was attended by 45 participants of Silchar Town. Mr.S Dutta, of Guwahati demonstrated various procedures to overcome “stress” and to gain control over different deceases.

► **All India Workshop on Concrete Technology.**

The Institution of Engineers (India), Silchar Local Centre organized All India Workshop on Concrete Technology on September 21, 2014 in collaboration with Star Cement. The Chief Guest for the program was Mr. Bijoy Krishna Nath, Proprietor of Local News Daily Dainik Jugashanka, The Guest of Honour was Mr. D. C. Tikadar, Senior General Manager, BSNL Silchar. The Chairman, Er. Subhash C Choudhury in his welcome address highlighted about the theme of the workshop. The resource persons for the workshop was Prof. Sudip Talukar, Department of Civil Engineering, IIT Guwahati ; Prof. Aminul Islam Laskar, Head, Department of Civil Engineering, NIT Silchar and Mr. Mukesh Kewalramani, General Manager (Technical) Star Cement.

The program was attended by 140 working engineers, members of The Institution of Engineers (India), Silchar Local Centre, Research Scholars and Students of NIT Silchar, Assam University and Silchar Polytechnic. The program was coordinated by Dr. Rajan Bhattacharjee, AMIE Silchar Local Centre.

Beside these, we celebrated mandatory functions and days of National importance

► **25th Foundation Day on 28 January, 2014.**

The foundation day was observed on 28 January, 2014 in the Silchar Local Centre where members and engineers were present. The day long program was celebrated in two sessions. In the first session The Institution's flag was hoisted at 9am followed by a fellowship meeting. The members present went to the memory lane and narrated how this centre was established in 1991. Er. G. H. Roy, Er. P. P. Nath and Er. Sankar Sen took active part in the discussion. The second session was held in the evening where technical session on topics "Total Quality Control" and "Outcome based teaching learning process" were discussed by the speakers Prof. Aminul Islam Laskar, Dr. Debomalya Ghose, Er. S. C. Choudhury and Prof. B. K. Roy.

► **Lecture on Missile Technology**

A special lecture session was held on 19 February 2014 at the IT Department of Assam University, Silchar. The topic for discussion was "Brahmos Supersonic Cruise Missile". This was jointly organized by the Institution of Engineers (India), Silchar Local Centre and the IT Department of Assam University, Silchar. The speakers were Dr. P. Bharadraj & Col. Anil Mishra from Brahmos - a venture of Indo-Soviet Missile Programme. The session was attended by about 100 undergraduates, post graduates, research scholars and faculty members of the School of Technology, Assam University, Silchar.

► **World Telecommunication & Information Society Day on 17 May, 2014.**

The Silchar Local Centre in collaboration with BSNL Silchar organized the event. This year's theme was "Broadband for Sustainable Development". The experts from BSNL delivered lecture on Broadband and its use, sustainable development etc. The Chief Guest for the program was GM, BSNL Silchar. The Guests of Honour were Prof. Sreemanta Dutta, Director of Ramanuj Gupta Junior College and Prof. Anup Choudhury, Rtd Professor of Silchar Polytechnic. The program was attended by working engineers, members of The Institution of Engineers (India), Silchar Local Centre, research scholars and students of NIT Silchar, Assam University and Silchar Polytechnic.

► **World Environment Day on 5 June, 2014.**

This time the Silchar Local Centre observed the World Environment Day in collaboration with Bharat Vikash Parishad. Saplings were planted in the newly constructed old-age home of Bharat Sevashram Shanga at Malini Beel. A seminar was held in Niranjana Paul Institute where Shri I B Ubaidya of Rosekandy Tea Estate & Er. S C Choudhury spoke on theme "Small Islands & Climate Change".

► **Engineers' Day on 15 September, 2014.**

The Institution of Engineers (India), Silchar Local Centre observed the Engineers' Day on 15th September 2014. The program was inaugurated by Mr.D.C.Tikadar, Senior General Manager, BSNL Silchar. The Chairman Er.Subhash C Choudhury in his welcome address highlighted about the theme "Making Indian Engineering World Class" and mentioned the different roles that engineers have to perform. Mr.D.C.Tikadar, Senior General Manager, BSNL Silchar, in his speech elaborated the contributions of Engineers in Nation Building as well as in Economy. Mr.Santosh Singh, Marketing Manager, Jindal Steel, discussed about the engineering skills as well as the quality of engineering works.

Dr.Sudipta Roy, Head Department of Information Technology, Assam University delivered a lecture on World Class Engineering Education; thereby he mentioned the role of Indian Engineering Education in the current competitive scenario. In continuation of the speech Dr.Debomalya Ghose, Asstt Professor, Department of Business Administration, Assam University & Hony. Secretary, The Institution of Engineers (India), Silchar Local Centre mentioned the Engineering Scenario in the world vis-à-vis the Engineering Scenario in India and also suggested few measures for world class engineering.

The program was attended by working engineers, members of The Institution of Engineers (India), Silchar Local Centre, Research Scholars and Students of NIT Silchar, Assam University and Silchar Polytechnic. Besides this, three best students each from NIT Silchar, Assam University and Silchar Polytechnic of the year 2014 were felicitated for their outstanding achievement in academics. The Program was sponsored by Jindal Steel (Courtesy M/s. Ashutosh Bhandar).

Dear Members, I feel that my contributions as Hony. Secretary is very nominal compared to my predecessors who have taken a lot of trouble in developing this Centre. I extend my sincere thanks and gratitude to all of you for your constant support, guidance and advice.

With warm sessions greetings !

Long Live The Institution of Engineers (India), Silchar Local Centre.

Er. (Dr.) Debomalya Ghose
Hony. Secretary

THE INSTITUTION OF ENGINEERS (INDIA)
Silchar Local Centre
Report from the Honorary Secretary

Dear members,

First of all I convey my seasons greetings to all of you in this **26th Annual General Meeting 2015**. It gives me immense pleasure to present before you the report of the work done by the present committee. The Present Committee took over charges in the month of October, 2013 and has completed two years journey.

Administrative: Our membership strength as on September, 2015 : F =32, M=111, AM =116 Total = 259

During this period, this committee has convened 13 (twenty three) Local Committee Meetings, performed technical activities, took initiatives for construction of the office building which is yet to take shape because of unavoidable reasons.

The committee has organised the following major events :-

- **Swacch Bharat Mission** on 26-12-2014

The Centre celebrated the Swacch Bharat Mission, where the members actively participated in the event. Street cleaning programme including mass awareness programme involving shopkeepers and residents were undertaken.

- **Lecture Meeting on Emerging Technologies in Banking Sector** on 26 December 2014

The centre has organized a lecture meet in collaboration with Alumni of Department of Computer Science Assam University, on Emerging Technology in Banking sector. The presentation was delivered by Mr. Kaushik Roy, Manager, HSBC Bank. The lecture meet was attended by the students of Assam University, G C College, Silchar Poly Techniq as well as the members of Centre.

- **Republic Day** on 26 January, 2015 :

The Centre observed the Republic Day by hoisting the National Flag. The Chairman delivered his speech on the significance of Republic Day.

- **26th Foundation Day** on 28 January, 2015 :

The foundation day was observed on 28 January, 2015 in the Silchar Local Centre where members and non-member engineers were also present. The day long program was celebrated in two sessions. In the first session The Institution's flag was hoisted at 9am followed by a fellowship meeting. The members present went to the memory lane and narrated how this centre was established in 1991. The second session was held in the evening where there was a discussion on latest engineering scenerios.

- **World Telecommunication & Information Society Day** on 17 May, 2015

The Institution of Engineers (India), Silchar Local Centre in collaboration with Bharat Sanchar Nigam Limited, Silchar organized on 17th May 2015 World Telecommunication & Information Society Day at the Institution Premises. Prof.N.V.Deshpande, Director, NIT Silchar was the Chief Guest Mr. P.K Das AGM (Planning) of BSNL, Silchar was the kenote speaker.

Er.Subash C Choudhury, Chairman, Silchar Local Centre presided over the program and welcomed all the guests and members. Prof.N.V.Deshpande, Director, NIT Silchar discussed the importance of ICT and telecommunication in modern days. Mr. P.K Das AGM (Planning) of BSNL, Silchar in his key note address mentioned the current scenario of telecom operators. In the technical lecture session on the theme there were three speakers. Dr. D.Ghosh, Hony, Secy, of IE(I), Silchar Local Centre highlighted on the drivers of innovations as ICT and telecommunication and also mentioned the recent E-Commerce scenario of the globe with ICT and Telecommunication. Prof.Sudipta Roy, member of the The IE(I), Silchar Local Centre

mentioned the significant role of ICT and Telecommunication during disaster. Mr.Sanjeev Kumar, JTO of BSNL, Silchar discussed about the wi-fi spots and their importances on the society. The program was anchored by Er.Ratnajyoti Choudhury and vote of thanks was given by Prof.Sudipta Roy.

- **World Environment Day on 5 June, 2015**

Silchar Local Centre observed the World Environment Day in R K M E School, Rongpur Silchar. The Charman Er.Subhash C Choudhury and the members Er. Haridas Dutta, Er. P P Nath, Er B P Singh, Er. D P Roy and Er. D. Ghosh were present in the meet. Street cleaning, cleaning of school compound, tree plantation and lecture meeting on the theme “**Sustainable Consumption & Production**”.

- **Independence day on 15 August, 2015**

The Centre observed the Independence Day by hoisting the National Flag. The members were present in the event and the Chairman delivered his speech for the Independence Day and our role in Nation building.

- **AMIE Coaching Classes on September, 01, 2015**

The centre has started the AMIE (Section A) Coaching Class which was inaugurated on September 01, 2015. The faculties from premier Colleges and Institutions as well as working professional Engineers have been engaged for the different sessions.

- **Engineers’ Day on September, 15, 2015**

The Institution of Engineers (India), Silchar Local Centre observed the Engineers’ Day on 15th September 2015. The programme was attended by the members and students of Silchar Polytechnic and Assam University.

Dear Members, I feel that my contributions as Hony. Secretary is very nominal and could have been much more. I extend my sincere thanks and gratitude to all of you for your constant support, guidance and advice.

With warm sessions greetings !

Long Live The Institution of Engineers (India), Silchar Local Centre.

Er. (Dr.) Debomalya Ghose
Hony. Secretary

The Institution of Engineers (India)
Silchar Local Centre
Report from the Honorary Secretary

Dear members,

First of all I convey my season's greetings to all of you in this 27th Annual General Meeting 2016. It gives me immense pleasure to present before you the report of the work done by the present committee. The present committee took over charges in the month of October' 2015 and has completed one year.

Administrative: Our membership strength as on September'2016: F=34, M=119 &AM= 131
Total= 284 members.

During this one year period, this committee has convened 10 Local Committee Meetings, performed technical activities, took initiatives for construction of the new office building- construction work of the building has already started and the work is under progress.

The committee has organised the following major events:

1. Observation of 27th Foundation Day (28th Jan'2016)

27th Foundation Day of the Institution of Engineers (India), Silchar Local Centre, was celebrated with full dignity and gaiety. The day long program was celebrated in two sessions. In the first session The Institution's flag was hoisted at 9 am followed by a discussion session among the members present. The members narrated the various initiatives being taken for the establishment of this centre in 1990. Er. D.P Roy, Er. P.P Nath, Er. S.C Choudhury and Er. N.R Choudhury took active part in the discussion. The second session was held in the evening. Chairman, SLC welcomed the members present. Er. P.P Nath during his speech recollected the contributions of Er. H.V Sundaran (the then Principal of Silchar Polytechnic), Er. S.P Das Purkayastha and other senior members for the establishment of this centre. Er. S.C Choudhury presented a lecture session on "For a Healthy Heart..." and suggested informative points on how to maintain good health.

2. One day Training Programme on Mushroom Cultivation (25th Feb'2016)

One day training program on "Mushroom Cultivation" was organised by the Institution of Engineers (India), Silchar Local Centre, on 25th Feb'2016 at the institute premises. The training was provided by Dr. Ridip Ranjan Saharia & Shri Manabendra Bharali, Agricultural Scientists from Krishi Vigyan Kendra, Arunachal, Cachar. Around 75 candidates participated in this training program including students from Biotechnology and Botany departments of Guru Charan College, Silchar, students from Botany department of Cachar College, Silchar and other aspirants associated with agriculture.

The trainers explained in details regarding the various types of mushrooms available, which are edible, health benefits from consumption of mushrooms and also about the low cost of its production and good profit margin.

3. **Joint seminar on “Retro Fitting of Building” with Tripura State Centre at Agartala (27th March’2016)**

Tripura State Centre in their Silver Jubilee Celebration organised joint seminar with numbers of State & Local Centres including Nepal & Bangladesh. IEI Silchar Local Centre was invited for participation in the joint seminar on **Retro-fitting of Building** on 27th March’2016 at Agartala. Er. D.P Roy, FIE, Chairman, Silchar Local Centre, spoke in the inaugural session and Prof (Dr.) Ashim Dey, FIE, from NIT- Silchar, presented the theme paper. Dr. Rajan Bhattacharjee, AMIE, also took part in that event.

4. **Observation of “World Telecommunication Day- 2016” (17th May’2016)**

The “World Telecommunication & Information Society Day- 2016” was celebrated by the Institution of Engineers (India), Silchar Local Centre, in collaboration with Bharat Sanchar Nigam Ltd, Silchar, at the Institution premises on 17th May’2016. D.P Roy, Chairman, Silchar Local Centre, presided over the program and welcomed the guests and members. Sr. General Manager of BSNL, Sri. D.C Tikader attended the program as Chief Guest and delivered the keynote address and also discussed the importance of ICT and telecommunication in modern days. Guest of honour of this program, Dr. F.A Talukdar of NIT- Silchar spoke on the theme-“ICT Entrepreneurship for Social Impact”.

Dr. D. Ghosh of Assam University Silchar and Er. A.K Tripathy of BSNL, Silchar were the speakers on the occasion. They pointed out that ICT enabled solution & application will create sustainable development and also open avenues for new jobs especially for youths in the current knowledge economy.

Convener of the program, Er. N.R Choudhury read out the message of Secretary & Director General. The program was anchored by Er. S.C Choudhury and vote of thanks was conveyed by Er. Bikramjit Das Gupta, Hony Secretary, SLC.

5. **Observation of “World Environment Day- 2016”** (5th June’2016)

The Institution of Engineers (India), Silchar Local Centre in association with Forest Department, Govt. of Assam & Assam University Silchar observed the “World Environment Day- 2016” at its own premises. Mr. Panna Deb, Asst. Prof, Ecology & Environmental Science Dept of Assam University, Silchar, spoke on the theme- “Zero Tolerance for Illegal Wildlife Trade”. Mr. Tejas Mariswamy, Asst. Conservator of Forest, Govt. of Assam, also spoke on the aforesaid theme. Both the speakers highlighted the illegal trade of the precious parts of wild animals which has been a business among various countries. Er. D.P Roy Chairman, Silchar Local Centre, presided over the program and welcomed the guests and members. Er. Bikramjit Das Gupta, Hony Secretary, SLC, conveyed the vote of thanks.

6. **70th Independence Day** (15th August’2016)

The Institution of Engineers (India), Silchar Local Centre celebrated the 70th Independence Day on 15th August’2016 with full dignity and honour. Chairman hoisted the National Flag and members were present in the event. The national song was sung and Chairman delivered his speech for the Independence Day.

7. **Visiting Team from Assam State Centre at Silchar** (10th Sep’2016)

As desired by the IEI HQ, a 3 member team headed by the Chairman of Assam State Centre Er. (Dr.) A.K Misra, Hony Secretary Er. M. Borkataky & Er. Amitava Nath visited Silchar on 10.09.2016. Accordingly, they, along with Er D.P Roy, Er. Angshu Kumar Roy, Er. N.R Choudhury & Er. Pinak Pani Nath of Silchar Local Centre visited the proposed location for AMIE Examination Centre at Silchar Polytechnic. The team discussed with the Polytechnic authorities and examined the infrastructure & facilities available there. In this regard, IEI- HQ approval on the report of Assam State Centre is waiting. In the evening, the visiting team had a meeting with the members of the Centre and had discussion as well as interaction on various issues.

8. **Construction of New Building:**

The Land & Building Committee (LBC) of IEI- HQ has so far released Rs. 12 lacs for construction of multi-storeyed building of Silchar Local Centre. Based on the fund

received, the construction work is under progress. Need to send requirement of further amount for completion of the construction of the building.

9. Membership & New Membership Drive:

The present membership strength is 284 (F-34, M-119 & AM-131). The process of making new members is ongoing. We are making all efforts to reach the target of 300 plus members within this calendar year.

Honorary Secretary's Report

1. Celebration of 49th Engineers Day (15th Sept'2016)

The Institution of Engineers (India), Silchar Local Centre, celebrated the 49th Engineers' Day on 15th Sept'2016 with fervour and gaiety. The theme was: "Skill Development for young engineers to reform the core sector....vision 2025". In the morning session flag hoisting ceremony was held at the institute premises. Chairman & Hony Secretary along with other members had a discussion after the flag hoisting. In the evening- a seminar session was held at Rajib Bhawan, Silchar. **Er.S Viswanathan, IAS, Deputy Commissioner, Cachar was the Chief Guest. Er. Anurag Agarwal, IPS, IGP (Border) was the Guest of Honour.** Er. D.C Tikadar, ITS, General Manager, BSNL, Silchar was also present in that event. Er. D.P Roy, Chairman, IE(I),SLC, delivered the welcome address. Speakers on the theme were (i) Shri T.K Chakraborty, Asst Director, MSME, Silchar, (ii) Prof. (Dr.) Prasanna Kumar G.V, Agricultural Engg Dept, Assam University Silchar. Er. Bikramjit Das Gupta, Hony Secretary, IE(I), Silchar Local Centre conveyed the vote of thanks.

2. Joint seminar on "Retro-Fitting of building" with Tripura State Centre at Silchar (12th Nov'2016)

The Institution of Engineers (India), Silchar Local Centre organized an one day seminar on "Retrofitting of Building" jointly with Tripura State Centre on 12th Nov'2016. Prof (Dr.) Rajat Gupta, Director-in-charge, NIT- Silchar, attended the seminar as Chief Guest.

Shri Rajib Roy, Additional Deputy Commissioner, Cachar, graced the occasion as Guest of Honour. Er. D.P Roy, Chairman, IE(I), Silchar Local Centre presided over the inaugural session. Er. R.K Mazumder, Chairman, Tripura State Centre & Er. Chinmoy Debnath, Hony. Secretary, Tripura State Centre, participated in this seminar and delivered their speech on the topic. Speakers for the seminar were Prof (Dr.) Ashim Kanti Dey of NIT Silchar, Er. Supratim Bhowmick, Asstt. Prof. Civil Engg Dept, Dholai District Polytechnic, Ambasa & Er. Ashim Paul, Asstt Prof & HoD, Civil Engg Dept, ICFAI University, Tripura. Er. Bikramjit Das Gupta, Hony Secretary, IE(I), Silchar Local Centre conveyed the vote of thanks.

3. *Observation of 28th Foundation Day (28th Jan '2017)*

28th Foundation Day of the Institution of Engineers (India), Silchar Local Centre, was celebrated with full dignity and gaiety. The day long program was celebrated in two sessions. In the first session The Institution's flag was hoisted at 9 am followed by a discussion session among the members present.

In the evening, seminar session was held at the institute premises. Er. D P Roy, Chairman IE(I) Silchar Local Centre, presided over the session & delivered the welcome address. Prof. K.L Baisnab of NIT Silchar delivered a presentation on "Nano Technology". Officials from District Water Sanitation Committee (DWSC), PHE Silchar delivered a presentation on "Swachha Bharat Mission (Gramin)". Er. Bikramjit Das Gupta, Honorary Secretary, IE(I) Silchar Local Centre delivered the vote of thanks.

4. *One Day Seminar on "Innovation & Entrepreneurship : Challenges & Opportunities in North East Region" jointly with NIT-Silchar (9th April '2017)*

An one day seminar on "Innovation & Entrepreneurship : Challenges & Opportunities in North East Region" was organized by The Institution of Engineers (India), Silchar Local Centre jointly with NIT, Silchar on 9th April 2017 at NIT Silchar in association with The Institution of Engineers (India), Tripura State Centre & NIT, Agartala. Faculty from NIT Agartala, NIT, Mizoram and Assam University, Silchar also participated in that Seminar. In the inaugural session, Dr. Dilip Ch. Nath, Vice-Chancellor, Assam University, Silchar graced the seminar as Chief Guest and appreciated the initiative for organising the seminar on such an important topic. Er. D P Roy, Chairman IE(I) Silchar Local Centre delivered the welcome address. Dr. Rajat Gupta, Director, NIT, Silchar presided over the meeting.

In the technical session four presentations were delivered on the aforesaid theme by Dr. Sudip Dey of NIT, Silchar, Prof. Umesh Mishra of NIT, Agartala, Er. Ratnajyoti Dutta Choudhury of IE(I) Silchar Local Centre and the last presentation by a team from Ogocraft Consultancy, Agartala. Er. Sanjay Bhowmik, General Manager, APDCL, delivered his speech on the theme. Er. Bikramjit Das Gupta, Hony. Secretary, IE(I) Silchar Local Centre conveyed the vote of thanks and highlighted the need of Innovation & Entrepreneurship for the economic development of the North-East India.

5. *One Day Seminar on “Smart City- with Special emphasis on Intelligent Traffic Management” (13th May’2017)*

The Institution of Engineers (India), Silchar Local Centre organised one day seminar on **“Smart City – with special emphasis on Intelligent Traffic Management”** on 13th May 2017 at Rajiv Bhawan, Silchar. **Shri S Viswanathan, IAS, Deputy Commissioner, Cachar was the Chief Guest.** He appreciated the initiative for organising seminar at the right time & highlighted that Silchar has been proposed to be developed as “Smart City” by the Ministry of Urban Development.

Smt. (Dr.) Ramandeep Kaur, IPS, Additional Superintendent of Police was the Guest of Honour. Er. D P Roy, Chairman, IE(I) Silchar Local Centre, presided over the seminar and delivered the welcome address.

The speakers of the seminar were (i) Er. Saugata Shome, Convener of the seminar, (ii) Dr. Pabitra Rajbongshi, Deptt. of Civil Engineering, NIT, Silchar, (iii) Dr. Ashim Kanti Dey, Proffessor, Deptt. of Civil Engineering, NIT, Silchar and (iv) Er. Supriya Deb, Deputy Director, Town & Country Planning, Silchar, Govt. of Assam.

Er. Bikramjit Das Gupta, Honorary Secretary, IE(I) Silchar Local Centre delivered the vote of thanks.

6. *Observation of “World Telecommunication & Information Society Day- 2017” (17th May’2017)*

The “World Telecommunication & Information Society Day- 2017” was celebrated by the Institution of Engineers (India), Silchar Local Centre, in collaboration with Bharat Sanchar Nigam Ltd, Silchar, at the Institution premises on 17th May’2017. D.P Roy, Chairman, IE(I), Silchar Local Centre, presided over the program and delivered the welcome address. Sr. General Manager of BSNL, Sri. D.C Tikader attended the program

as Special Guest of Honour and delivered the keynote address. Guest of honour of this program, Dr. Sudipta Roy, Dean, School of Technology, Assam University Silchar, spoke on the theme-“**Big Data for Big Impact**”.

Other speakers on the theme were Dr. D. Ghosh, Associate Professor, Dept. of Business Administration, Assam University Silchar, Shri Wasim Arif, Asst. Prof, Dept. of Electronics & Telecommunications, NIT- Silchar & Er. A.K Tripathy, SDE, BSNL, Silchar.

Convener of the program, Er. N.R Choudhury read out the message of Secretary & Director General, ITU. The program was anchored by Dr. D. Ghosh and vote of thanks was conveyed by Er. Bikramjit Das Gupta, Hony Secretary, IE(I), Silchar Local Centre.

7. *Observation of “World Environment Day- 2017” (5th June’2017)*

The Institution of Engineers (India), Silchar Local Centre, celebrated the “World Environment Day” on 5th June’2017 at its Institution premises. Er. D.P Roy, Chairman, Silchar Local Centre, presided over the program and delivered the welcome address. **Prof. Dilip Chandra Nath, Vice Chancellor, Assam Central University Silchar**, attended the program as **Chief Guest** and delivered the keynote address highlighting the enormous growth of the human population and its adverse effect on the nature for maintaining their livelihood. Guest of honour of this program, Prof. Parthankar Choudhury, Head, Ecology & Environmental Science Dept, Assam University Silchar, spoke on the theme-“**Connecting people to nature**”.

Other speakers on this event were Dr. Panna Deb, Assistant Professor, Dept. of Ecology & Environmental Science, Assam University Silchar & Shri Rajib Gupta, Consultant, District Disaster Management Authority, Cachar, delivered power point presentations on the aforesaid theme and also discussed environmental issues related to Silchar town. Convener of the function, Er. Ratnajyoti Dutta Choudhury, anchored the program and vote of thanks was conveyed by Er. Bikramjit Das Gupta, Hony Secretary, IE(I)- Silchar Local Centre.

8. *71st Independence Day (15th August’2017)*

IE(I), Silchar Local Centre celebrated the 71st Independence Day on 15th August’2017 with full dignity and honour. Er. D.P Roy, Chairman, Silchar Local Centre hoisted the National Flag which was followed by the National Anthem. The

chairman & members present spoke on the contribution of freedom fighters which led to India's independence.

9. *One day Seminar on “Sanitation & Hygiene” jointly with PHE Dept, Karimganj Division (22nd Aug’2017)*

The Institution of Engineers (India), Silchar Local Centre organised one day seminar on “Sanitation & Hygiene” jointly with Public Health Engineering Department, Karimganj Division on 22nd August, 2017 at conference hall of PHE, Karimganj.

In the inaugural session Er. D P Roy, Chairman, The Institution of Engineers (India), Silchar Local Centre presided and Er. Prasenjit Nath, Executive Engineer (PHE) welcome the participants and dignitaries present in the seminar. Numbers. of NGO, College Students took part in the discussion.

Speakers in the seminar were (i) Er. S C Choudhury, (ii) Er. R J Dutta Choudhury, (iii) Er. G Dutta Choudhury, Members of The Institution of Engineers (India), Silchar Local Centre and (iv) Mr. Bhaskar Dutta from PHE, Division. Er. N R Choudhury & Er. D K Kundu of IE(I), Silchar Local Centre participated in the seminar. There was interaction among the participants including members of NGO & students.

Er. S B Nath of PHE, Karimganj Division offered vote of thanks.

10. *One day seminar on “Geotechnical Problems in Southern Assam- Causes & Remedies” (9th Sept’2017)*

The Institution of Engineers (India), Silchar Local Centre organized a one day seminar on “Geotechnical Problems in Southern Assam: Causes & Remedies” at Rajib Bhawan, Silchar, on 9th Sept’2017, jointly with Indian Geotechnical Society, Silchar Chapter. Prof. (Dr.) Burhan Uddin Ahmed Barbhuiya, Former Principal, Regional Engineering College (REC), Silchar, was the Chief Guest and Shri M.H Acharya, DGM (Civil), ONGC, Srikona, Silchar, was the Guest of Honour.

Er. D.P Roy, Chairman, Silchar Local Centre, presided over the seminar and delivered the welcome address.

The Speakers of the seminar were (i) Shri M.H Acharya, DGM (Civil), ONGC, Srikona, Silchar (ii) Er. S.R Swami, Past Chairman, IE(I), Silchar Local Centre (iii) Er. Ratna Jyoti Dutta Chowdhury, IE(I), Silchar Local Centre, (iv) Prof. (Dr.) Ashim Kanti Dey, Civil Engg Dept, NIT- Silchar, (v) Dr. Arjun Sil, Asst Prof. Civil Engg Dept, NIT- Silchar, (vi) Ms. Parbin Sultana, Asst Prof. Civil Engg Dept, NIT- Silchar, (vii) Ms. Nirmali Borthakur, Asst Prof. Civil Engg Dept, NIT- Silchar, (viii) Dr. Monowar Hussain, Asst Prof. Civil Engg Dept, NIT- Silchar, (ix) Dr. Debjit Bhowmik, Asst Prof. Civil Engg Dept, NIT- Silchar & (x) Prof (Dr.) Abdul Karim Barbhuiya, Civil Engg Dept, & Registrar of NIT- Silchar .

Er. Bikramjit Das Gupta, Honorary Secretary, IE(I) Silchar Local Centre delivered the vote of thanks.

11. Proposal for one day seminar on “Renewable Energy Technology: Issues & Prospects- 2017”

A one day seminar on “Renewable Energy Technology: Issues & Prospects” is proposed to be held on 25th Sept’2017 at NIT Silchar, jointly by the The Institution of Engineers (India), Silchar Local Centre and NIT Silchar. Er. Agnimitra Biswas of Mechanical Engg Dept, NIT Silchar, will act as one of the co-ordinator for this joint seminar.

12. Construction of New Building

The Land & Building Committee (LBC) of IE(I)- HQ has so far released Rs. 17 lacs for construction of multi-storeyed building of IE(I), Silchar Local Centre.

13. Membership & New membership drive

The present membership strength is 297 as on 31st March 2017 (F- 40 , M- 127 & AM- 130). The process of making new members is ongoing. Recently nearly 25 engineers applied for memberships & is expected that more engineers will apply within next 2 months.