



NEWS LETTER

The Institution of Engineers (India) NORTH BENGAL LOCAL CENTRE

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*“97 years of Relentless journey towards
Engineering Advancement for Nation-building”*

Volume-5

Number-2

April- June, 2017

Chairman :
Er. G.K.Panda, FIE

Honorary Secretary :
Er. Asim Mahapatra, MIE

LECTURE MEETING

1. A Lecture Meeting on “APPLICATION OF TAGUCHI METHOD IN QUALITY ENGINEERING” was organized by The Institution of Engineers (I), North Bengal Local Centre, on 20th January, 2017 at 3.00 p.m. at Engineers’ House., Jalpaiguri Govt. Engg. College Campus, P.O + Dist. Jalpaiguri-735102. At the beginning of the programme, welcome address was given by Er. Asim Mahapatra, Honorary Secretary, NBLC (IE). The theme speaker of the programme was **Er. Nimai Mukhopadhyay**, Assistant professor , Mechanical Engg. Department ,Jalpaiguri Govt. Engg. College, Jalpaiguri-735102

Er. Nimai Mukhopadhyay delivering his presentation he speaks about the Taguchi’s contribution to quality engineering management . He says that Taguchi quality philosophy (1978) is the off line product quality improvement philosophy which can enhance satisfaction and delight of a customer with product or process design modification. It prescribes product or process design approximately nearer to predetermined mean central dimension or desired statistical optimization. Taguchi prescribes high quality engineering product/system design at reduced cost taking into considerations of the uncontrollable variables into account. There is no recovery of error/mistake /quality loss of a work done or mercy for the wrong doing. For the mistake committed / quality loss by someone, another person has to pay for it society/country as a whole has to suffer for it. There is no mercy of wrong performance even in the dictionary of nature. The speaker briefly describe about the Taguchi concept of robust design, Taguchi’s optimised orthogonal array, Taguchi combination table or response table, Taguchi’s concept of parameter design and tolerance design (DOE) etc.

15 participants enjoyed the presentation and it was very interactive session. Finally, Er. N.C Sadhukhan, Member, North Bengal Local Centre (IE) proposed the vote of thanks.



Title of photo: Er. Nimai Mukhopadhyay at his presentation



Title of photo: Er. Nimai Mukhopadhyay at his presentation



Er. Goutam Bairagi , Member NBLC(IE) presenting memento to Er. Nimai Mukhopadhyay



Vote of thanks given by Er. N.C. Sadhukhan, member NBLC(IE)

2. A Lecture Meeting on “**Various aspects of safety in the factories of North Bengal**” was organized by The Institution of Engineers (I), North Bengal Local Centre, on **6th February ,2017** (Monday) at 3.00 p.m. at Engineers’ House., Jalpaiguri Govt. Engg. College Campus, P.o + Dist. Jalpaiguri-735102. At the beginning of the programme, welcome address was given by Er. Asim Mahapatra, Honorary Secretary, NBLC (IE). The theme speaker of the programme was **Er. Arup Goswami** , Assistant Director of Factories, Government of West Bengal.

Er. Arup Goswami delivering his presentation he speaks about the methods that should be followed by a worker to work at their workplace and take necessary protection against falling.

He describes different types of accident occurred due to negligence of workers in their working place. He gives various ideas to the workers that they need to do to work at a height. He briefly describe about the possibilities of accident caused by no edge protection, floor opening , wall opening etc. He also narrate about active and passive type of fall protection systems, rope and cable grab, vertical and horizontal lifeline cable, full body harness, pendulum effect, safety net , different points regarding inspection of harness etc.

20 participants enjoyed the presentation and it was very interactive session. Finally, Er. N.C Sadhukhan, Member, North Bengal Local Centre (IE) proposed the vote of thanks.



Title of photo: Welcome address given by Er. A.Mahapatra, Hon. Secretary NBLC(IE)



Title of photo: Er. Arup Goswami at his presentation



Title of photo: Er. Arup Goswami at his presentation



Title of photo: Er. N.C.Sadhukhan , Member NBLC(IE) presenting memento to Er. Arup Goswami

Republic Day Celebration

The 68th Republic Day of India had been celebrated at The Institution of Engineers (India), North Bengal Local Centre, Jalpaiguri with a great deal of patriotic zeal. Er. Goutam Bairagi , Member, NBLC (IE) hoisted the Indian flag. The National Anthem had been sung by the members present. The programme was concluded with very inspiring speech given by Er. Asim Mahapatra, Honorary Secretary , NBLC (IE).



Title of photo: Er. Goutam Bairagi, member, NBLC(IE) hoisting the National Flag



Title of Photo: The Engineers' House

Observation of World Water Day, 2017

World Water Day, 2017 was observed by the Institution of Engineers (India), North Bengal Local Centre on **22nd March, 2017 at 3:00 P.M. at Engineers' House, within the premises of Jalpaiguri Govt. Engg. College, Jalpaiguri-735102 on the theme of "Wastewater"**. Er. Chiranjib Kundu, Assistant Professor, Department of Civil Engineering, SIEM, Dhukuria, P.o. New Champta , Dist.- Darjeeling was the theme speaker of the day.

Er. Chiranjib Kundu delivering his presentation, he spoke about the wastewater and water quality issues , domestic wastewater urban runoff, various way for wastewater management systems etc. He briefly narrate about the different types of sewerage systems like on and off site systems , industrial wastewater, agricultural wastewater etc. He clearly describe about the centralized and decentralized systems of wastewater management. He said there are two types of wastewater one is black water comes from kitchen sink , toilet and latrine and another is gray water comes from wash basin , bathroom and laundry. He spoke about the process , advantage and disadvantage of gray water recycling and reuse . He gives clear ideas about the reuse application of treated gray water.

Altogether 15 members were present in the programme. All the members present shared their views on the proposed theme of the day. Finally, Er. N.C. Sadhukhan, member, North Bengal Local Centre proposed the vote of thanks.



Forthcoming Events

1. Lecture meeting on the topic of “Advanced Construction Technologies” scheduled to be held on 21st April, 2017 (Friday) at 3.00 p.m. at Engineers’ House, Jalpaiguri Govt. Engg. College, Jalpaiguri-735102 .
2. Lecture meeting on the topic of “Application of Signal processing tools for condition assessment of induction motor” scheduled to be held on 11th May, 2017 (Thursday) at 3:00 p.m. at Engineers’ House, Jalpaiguri Govt. Engg. College, Jalpaiguri-735102 .
3. “World Telecommunication and Information Society Day-2017” will be celebrated on 17th May, 2017 (Wednesday) at 3:00 p.m. at Engineers’ House, Jalpaiguri Govt. Engg. College, Jalpaiguri-735102 . (Theme will be declare later).
4. “World Environment Day-2017” will be celebrated on 5th June,2017 (Monday) at 3:00 p.m. at Engineers’ House, Jalpaiguri Govt. Engg. College, Jalpaiguri-735102 .
5. Lecture meeting on the topic of “Soft computing and Rough computing” scheduled to be held on 23rd June, 2017 (Friday) at 3:00 p.m. at Engineers’ House, Jalpaiguri Govt. Engg. College, Jalpaiguri-735102 .

[Note : All of the Programmes are subjected to last minute changes, if unavoidable circumstances arise. Members are requested to keep in contact with the website of NBLC (IEI)]

List of newly Elected/ Upgraded Corporate Members

Sl. No.	Membership No & Name	Date of Election	Division of Attachment	Centre of Attachment
1.	AM170625-2 CV MR SUSHANT PRADHAN S/O PURAN PRADHAN NEAR ACHARYA CLUB NAYA BAZAAR KURSEONG WEST BENGAL 734203 Mob: 8972164804 Email: sushpra55@gmail.com	31.12.2016	CV	North Bengal
2.	M-156805-6 MC MR NABENDU DEY S/O LT NIRMAL KANTI DEY SUNVIEW APARTMENT 73 ASHUTOSH MUKHERJEE ROAD COLLEGE PARA PO SILIGURI WEST BENGAL 734001 Mob: 9832011433 Email: NABENDU_DEY@REDIFFMAIL.COM	31.12.2016	MC	North Bengal
3.	M-156832-3 CV MR AMARENDRA KUMAR SINGH S/O TEJ PRATAP SINGH FLAT - H 1ST FLOOR BLOCK - A SANKALP ENCLAVE 2 & 1/2 MILE EASTERN BY PASS SILIGURI WEST BENGAL 734008 Mob: 9402406284 Email: ak1973s@rediff.com	31.12.2016	CV	North Bengal
4.	M-156943-5 MR SANJIT PANDIT S/O SUDHANGSHU SEKHAR PANDIT FLAT 4C/01 BEGRAJ SILVER OAKS HOTEL SINCLAIRS COMPOUND MALLAGURI POST PRADHAN NAGAR SILIGURI WEST BENGAL 734003 Mob: 9051037340 Email: PANDITSANJIT@YAHOO.COM	31.12.2016	MN	North Bengal
5.	AM170768-2 CV MR PRABESH SHARMA S/O DEO PRASAD SHARMA S R ROAD GHOOM BHANJYANG PS JOREBUNGLOW WEST BENGAL 734102 Mob: 8967049260 Email: prabesh_sharma100@yahoo.com	31.01.2017		North Bengal
6.	AM170855-7 EL MS MOUSUMI BASU DAS W/O SHUBHARTHI BASU	31.01.2017	EL	North Bengal

	C/O MR PARTHA SARATHI BASU KERANI PARA EXTN VIVEKANANDA PARA WEST BENGAL 735101 Mob: 9832016301 Email: sm.mousumi@gmail.com			
7.	AM171165-5 EL MR CHIRANJIT SAIN S/O AMAL KUMAR SAIN YOGOMAYA APARTMENT 1ST FLOOR DBC ROAD DESHBANDHU PARA WEST BENGAL 734004 Mob: 9434468922 Email: sain.aec@gmail.com	31.01.2017	EL	North Bengal
8.	AM171166-3 EL MS SANJUKTA DEY D/O NARAYAN CHANDRA DEY YOGOMAYA APARTMENT 1ST FLOOR DBC ROAD WEST BENGAL 734004 Mob: 9614373254 Email: sanjuktadey2012@gmail.com	31.01.2017	EL	North Bengal
9.	AM171167-1 EL MR SUBHAJIT ROY S/O BIDHAN KUMAR ROY 151 PRAFULLA CHAKI SARANI DESHBANDHUPARA PO SILIGURI WEST BENGAL 734004 Mob: 9126082162 Email: subhajitroy.sit@gmail.com	31.01.2017	EL	North Bengal
10.	M-157035-2 EL MR MITUL RANJAN CHAKRABORTY S/O PRIYA RANJAN CHAKRABORTY BIDYAPITH ROAD DESHBANDHU PARA BESIDE DESHBANDHU BIDYAPITH SCHOOL WEST BENGAL 734004 Mob: 9434221483 Email: mitulchakraborty@gmail.com	31.01.2017	EL	North Bengal
11.	M-157036-0 EL MR PRALAY ROY S/O NIBARAN CHANDRA ROY S/O MR NIBARAN CHANDRA ROY MADAN MOHAN PARA WARD NO 3 POST DINHATA WEST BENGAL 736135 Mob: 9832324040 Email: prashi_140@yahoo.co.in	31.01.2017	EL	North Bengal
12.	M-157037-9 EL MR JAYANTA BHUSHAN BASU S/O RANAJITENDRA BHUSAN BASU	31.01.2017	EL	North Bengal

	PURBASA APARTMENT 2ND FLOOR OPPOSITE VIBGYOR CLUB SUBHASHPALLY SILIGURI WEST BENGAL 734001 Mob: 9474089314 Email: jbb.sit@gmail.com			
13.	M-157038-7 EL MR DIPAK KUMAR BHATTACHARYYA S/O BHUMEN BHATTACHARYA 112/6 BANKIM CHANDRA ROAD EAST VIVEKANANDA PALLY SRISTI APPT POST RABINDRA SARANI WEST BENGAL 734006 Mob: 9475614745 Email: dipak.bhattacharjee_sit@yahoo.com	31.01.2017	EL	North Bengal
14.	M-157039-5 ET MS SARMISTHA MONDAL W/O APURBA KR MONDAL NETAJI PALLY SHIB MANDIR POST KADAMTALA WEST BENGAL 734011 Mob: 9434212123 Email: sharmi2301@yahoo.co.in	31.01.2017	ET	North Bengal
15.	M-157040-9 ET DR SUBHOJIT SARKER S/O LATE BIRENDRA KUMAR SARKER 77/1 MEGHNATH SAHA SARANI BEHIND NIVEDITA NURSING HOME PRADHAN NAGAR WEST BENGAL 734003 Mob: 9434328879 Email: subhojitsarker@gmail.com	31.01.2017	ET	North Bengal
16.	AM171403-4 CP MR MITHUN ROY S/O RABINDRA CHANDRA ROY MILANI APARTMENT (2ND FLOOR) MILAN MANDIR ROAD SUBHASH PALLY WEST BENGAL 734001 Mob: 7044561269 Email: MATHMITHUNROY@GMAIL.COM	28.02.2017	CP	North Bengal
17.	AM171405-0 CV MR SAIKAT SAHA S/O DEBASHIS SAHA GURUNG BASTY OPP KEROSHIN SHOP NIVEDITA ROAD SILIGURI (M CORP) PRADHAN NAGAR WEST BENGAL 734003 Mob: 7679050507 Email: ER.SAIKAT20SAHA@GMAIL.COM	28.02.2017	CV	North Bengal
18.	AM171479-4 EL MR INDRAJIT KOLEY S/O SWAPAN KUMAR KOLEY	28.02.2017	EL	North Bengal

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19.	M-157373-4 CP MR KRITTIBAS PARAI S/O BANAMALI PARAI ASSISTANT PROFESSOR/ DEPTT OF CSE SILIGURI INSTITUTE OF TECHNOLOGY POST SUKNA SALBARI WEST BENGAL 734009 Mob: 9874215201 Email: krittibas.sit@gmail.com	28.02.2017	CP	North Bengal
20.	M-157445-5 EL MR RATUL CHATTERJEE S/O PRANAB KUMAR CHATTERJEE 22/C C V RAMAN SARANI COLLEGE PARA SILIGURI 734001 Mob: 9007272724 Email: ratul.chatterjee0986@gmail.com	28.02.2017	EL	North Bengal
21.	M-157489-7 CP MS SAMPA DAS D/O BIRENDRA CHANDRA DAS DEPARTMENT OF CSE SILIGURI INSTITUTE OF TECHNOLOGY SALBARI POST SUKNA WEST BENGAL 734009 Mob: 9932243219 Email: sampa.sit@gmail.com	28.02.2017	CP	North Bengal
22.	M-157490-0 CP MS SUTAPA BHATTACHARYA D/O SUBHASH CHANDRA BHATTACHARYA SUCHETANA APARTMENT 66 SWAMIJI SARANI SHANTIMORE HAKIMPARA WEST BENGAL 734001 Mob: 9474764215 Email: sutapa2007@gmail.com	28.02.2017	CP	North Bengal
23.	M-157491-9 CP MS MOUMITA GHOSH D/O BIJON GHOSH DEPARTMENT OF CSE SILIGURI INSTITUTE OF TECHNOLOGY SALBARI POST SUKNA WEST BENGAL 734009 Mob: 9831007901 Email: mou2005be@gmail.com	28.02.2017	CP	North Bengal