

ABOUT THE SEMINAR:

Technological advancements are taking place in different fields of Civil Engineering like Structural Engineering, Geotechnical Engineering, Environmental Engineering, Water resource Engineering etc. These new developments in various fields will be presented by distinguished speakers from academia. Discussions on Practical problems, theoretical and instrumental enhancements would help budding engineers in the development of perception and motivate in growing interest in inventive project works.

OBJECTIVE OF SEMINAR:

The objective of this seminar is to make participant aware of recent advancement in the field of Civil Engineering practice and research. Scope of further technological advancement in various fields will also be discussed in seminar. Participants will be introduced to various new techniques and field problems which may be useful in enriching knowledge and innovative ideas.

SPEAKERS: -

- ❖ **Dr. Bibhas Chandra Barman**
(Deputy Director (Hydraulics), River Research Institute)
- ❖ **Prof. Sankar Chakrabarti** *(Ex-Professor , Civil Engg. Dept., Jadavpur University)*
- ❖ **Prof. R. B. Sahu** *(Professor, Civil Engg. Dept., Jadavpur University)*
- ❖ **Prof. Amitava Gangopadhyay**
(Ex-Professor, Civil Engg. Dept., Jadavpur University)
- ❖ **Prof. R. N. Biswas** *(Professor, Netaji Subhash Engg College)*

DISCUSSION TOPICS:-

- Latest Developments in Water Resources of India
- Current Trends and Challenges in Subsoil Exploration
- Earthquake Effects on Soil
- Scope and Prospect of Environmental Engineering
- Various Aspects of Contract

TARGET AUDIENCE

3RD Year and 4TH Year Civil Engineering students, faculty members and staff members of CIVIL ENGINEERING DEPARTMENT NETAJI SUBHASH ENGINEERING COLLEGE.

REGISTRATION DETAILS

Registration fees: RS. 50/- (FOR EACH PARTICIPANT) Registration will be done on the day of Seminar

TIME- 10:00 am-10:30 am

DATE AND TIME OF PROGRAMME

15TH & 16TH March, 2018 (THURSDAY & FRIDAY), APC HALL, NETAJI SUBHASH ENGINEERING COLLEGE

FOR ANY OTHER INFORMATION CONTACT TO :

DR. KINGSHUK DAN

MOB: 9831875466

E mail: Kingshuk.dan@gmail.com

DETAILS OF SESSION:-

DAY-1

INAUGURAL SESSION (10:30 AM – 11:00 AM)

MORNING SESSION (11:00 AM – 12:30PM)

SPEAKER:- Dr. BIBHAS CHANDRA BARMAN
TOPIC-LATEST DEVELOPMENTS IN WATER RESOURCES OF INDIA

LUNCH BREAK 12:30 PM -1:15 PM

AFTERNOON SESSION (1:15PM- 4 PM)

SPEAKER: PROF. SANKAR CHAKRABORTI
TOPIC-CURRENT TRENDS AND CHALLENGES IN SUBSOIL EXPLORATION

TEA BREAK 2:45 PM -3:00 PM

SPEAKER:- PROF. R. N. BISWAS
TOPIC-VARIOUS ASPECTS OF CONTRACT

DAY-2

MORNING SESSION (10:30AM-1:45PM)

SPEAKER:- PROF. R. B. SAHU
TOPIC- EARTHQUAKE EFFECTS ON SOIL

TEA BREAK 12:00 PM -12:15 PM

SPEAKER:- PROF. AMITAVA GANGOPADHYAY
TOPIC-SCOPE AND PROSPECT ENVIRONMENTAL ENGINEERING

VALEDICTORY SESSION (1:45 PM - 2PM)

ADVISORY COMMITTEE:

PROF.(DR.) HRISHIKESH MANDAL (Director, Netaji Subhash Engineering College)
PROF.(DR.) AMAL KUMAR GHOSH (Principal, Netaji Subhash Engineering College)
PROF. SANKAR CHAKRABORTI (Ex-Professor and HOD, Jadavpur University)
PROF. R. N. BISWAS (HOD, Netaji Subhash Engineering College)
PROF. AMITAVA GANGOPADHYAY (Ex-Professor, Jadavpur University)

ORGANIZING COMMITTEE:

COORDINATORS:

DR. KINGSHUK DAN
PROF. ARNAB DUTTA
PROF. SUBHA PRASAD CHAKRABORTY

Members (faculty):

DR. SAMARESH PAN
DR. ATANU SAHU
PROF. P. DEB SARKAR
PROF. SADHAN MOHANTA
PROF. AIKATAN BISWAS
PROF. SANCHARI GHOSH
PROF. ANGSHUMAN SAHU
PROF. DEBLEKHA KONER
PROF SAYANDEEP BHATTACHARYA

Members (technical assistant)

SANTANU MAITY
SHIPRA DEY
BIDISHA BHATTACHARYA
DECHEN SAMANTA
RIYA SAHA

Members (students)

PROJJWAL BHOWMICK
ABHINANDAN GANGULY
PAYEL DAS
KRITTIKA PODDAR
SOURAV BHOWMICK
VIKASH KUMAR



SEMINAR ON RECENT ADVANCES IN CIVIL ENGINEERING

**ON 15TH & 16TH MARCH, 2018
(Thursday & Friday)**

**VENUE: - APC HALL
NETAJI SUBHASH ENGINEERING COLLEGE
GARIA, KOLKATA – 700152**



ORGANIZED BY

**CIVIL ENGINEERING DEPARTMENT
NETAJI SUBHASH ENGINEERING COLLEGE**

COORDINATOR

Dr. Kingshuk Dan
Prof. Arnab Dutta
Prof. Subha prasad Chakraborty

Brief Report on Seminars/Workshops conducted by Civil Engineering Department

2017-18

A two days seminar entitled “Recent advances in Civil Engineering” was organized by Civil Engineering Department, NSEC on 15th & 16th March, 2018 at APC hall of institute. Dr. Kingshuk Dan, Prof. Arnab Datta & Prof. S P Chakraborty were the coordinators of the seminar. 100 numbers of students comprising of 3rd and 4th year attended the seminar. Technological advancements are taking place in different fields of Civil Engineering like Structural Engineering, Geotechnical Engineering, Environmental Engineering, Water resource Engineering etc. These new developments in various fields were presented by distinguished speakers from academia. Discussions on Practical problems, theoretical and instrumental enhancements would help budding engineers in the development of perception and motivate in growing interest in inventive project works.

Dr. Bibhas Chandra Barman, Deputy Director, River Research Institute enlightened the students and faculty fraternity with the latest developments in water resources in India. Prof. Sankar Chakraborty, Ex. Prof, Jadavpur University addressed the burning issue in geotechnical fields like current trends and challenges in sub-soil exploration. Prof. R B Sahu, Prof, Jadavpur University highlighted the effects of earthquake of soil. Prof. Amitava Gangopadhyay, Ex. Prof, JU talked about the recent technologies used in environmental engineering.

Brief Report on Seminars/Workshops conducted by Civil Engineering Department

2016-17



A three days workshop on “Design and Construction of steel structures including one day site visit” was organized by Civil Engineering Department, NSEC collaboration with Institute of Steel Development and Growth (INSDAG) from 7th to 9th September, 2016. Prof. R N Biswas was the coordinator of the seminar. A notable numbers of students comprising of 3rd year attended the seminar.

Brief Report on Seminars/Workshops conducted by Civil Engineering Department

2016-17

A two days seminar entitled "Recent advances Ground improvement technique" was organized by Civil Engineering Department, NSEC on 11th October, 2016 at APC hall of institute. Dr. Kingshuk Dan, Prof. Arnab Datta & Prof. S P Chakraborty were the coordinators of the seminar. 100 numbers of students comprising of 3rd and 4th year attended the seminar. The objective of this seminar was to make participant aware of recent advancements in the field of ground improvement. Scope of further advancements will also be discussed in seminar. Participants will be introduced to various new techniques and field problems which may be highly useful in enriching knowledge and innovative ideas.

Existing soil in a site may not be suitable to support various structures like multi storied building, bridge, dams etc. In that case properties of soil should be improved to withstand against given load. The purpose of ground improvement is to increase shear strength of soil and reduce compressibility to an extent. A Number of techniques have been developing for both granular soil (like using drop hammer, dynamic consolidation, vibrocompaction) and cohesive soil (preloading with vertical drains, stone columns). The recent advancement in the field was discussed by distinguished speakers from academia.

DR. KOUSHIK DEB, Prof, IIT KGP discussed on "STONE COLUMN IMPROVED GROUND: SOME RECENT STUDY". PROF. BIKASH CH. CHATTOPADHYAY, Ex. Prof, IEST, Shibpur enlightened the students on "DYNAMIC EARTH PRESSURE ON RETAINING WALL". Prof, Sankar Chakraborty, Ex. Prof, JU talked about "INFLUENCE OF GEOJUTE REINFORCEMENT ON THICKNESS REDUCTION OF FLEXIBLE PAVEMENT- A MODEL STUDY".



ONE DAY SEMINAR ON **RECENT ADVANCES IN GROUND IMPROVEMENT TECHNIQUE** ON 11TH NOV, 2016 (Friday)

COORDINATOR

DR. KINGSHUK DAN
DR. SAMARESH PAN
PROF. AIKATAN BISWAS

ORGANIZED BY

DEPARTMENT OF CIVIL ENGINEERING
NETAJI SUBHASH ENGINEERING COLLEGE

**VENUE: - APC HALL
NETAJI SUBHASH ENGINEERING COLLEGE
GARIA, KOLKATA - 700152**

ABOUT THE SEMINAR:-

Existing soil in a site may not be suitable to support various structures like multi storied building, bridge, dams etc. In that case properties of soil should be improved to withstand against given load. The purpose of ground improvement is to increase shear strength of soil and reduce compressibility to an extent. A Number of techniques have been developing for both granular soil (like using drop hammer, dynamic consolidation, vibrocompaction) and cohesive soil (preloading with vertical drains, stone columns). The recent advancement in the field will be discussed by distinguished speakers from academia.

OBJECTIVE OF SEMINAR:-

The objective of this seminar is to make participant aware of recent advancements in the field of ground improvement. Scope of further advancements will also be discussed in seminar. Participants will be introduced to various new techniques and field problems which may be highly useful in enriching knowledge and innovative ideas.

SPEAKERS:-

DR. KOUSHIK DEB

ASSOCIATE PROFESSOR
IIT, KHARAGPUR.

PROF. BIKASH CH. CHATTOPADHYAY

EX-PROFESSOR,
IEST, SHIBPUR

PROF. SANKAR CHAKRABARTI

EX-PROFESSOR & HOD, CIVIL ENGG. DEPT.
JADAVPUR UNIVERSITY

DISCUSSION TOPIC :-

- STONE COLUMN IMPROVED GROUND : SOME RECENT STUDY
- DYNAMIC EARTH PRESSURE ON RETAINING WALL
- INFLUENCE OF GEOJUTE REINFORCEMENT ON THICKNESS REDUCTION OF FLEXIBLE PAVEMENT- A MODEL STUDY

TARGET AUDIENCE :-

3RD YEAR AND 4TH YEAR CIVIL ENGINEERING STUDENTS, FACULTY MEMBERS AND STAFF OF CIVIL ENGINEERING DEPT. OF **NETAJI SUBHASH ENGINEERING COLLEGE.**

REGISTRATION DETAILS :-

REGISTRATION FEES : RS. 100/- FOR EACH PARTICIPANT.
REGISTRATION WILL BE DONE ON THE DAY OF SEMINAR FROM 9:30 AM.

TENTATIVE PROGRAMME:-

11TH NOV, 2016 (FRIDAY), APC HALL NSEC

REGISTRATION TIME:-

9:30 AM TO 10 AM

DETAILS OF SESSION:-

INAUGURAL SESSION (10:00 AM – 10:30 AM)

MORNING SESSION (10:30 AM – 12 NOON)

SPEAKER:- DR. KAUSHIK DEB

LUNCH BREAK 12 NOON -1PM

AFTERNOON SESSION (1:30 PM- 5PM)

DR. BIKASH CHANDRA CHATTOPADHYAY ;

TEA BREAK 3PM-3:15 PM.

PROF. SANKAR CHAKRABARTI

VALEDICTORY SESSION (5:00 PM-5:15 PM)

FOR ANY OTHER INFORMATION CONTACT TO :
DR. KINGSHUK DAN / MOB : 9831875466 , NSEC



ONE DAY SEMINAR ON
RECENT ADVANCES IN GROUND IMPROVEMENT TECHNIQUE
11TH NOVEMBER, 2016
Organized by
CIVIL ENGINEERING DEPARTMENT,
NETAJI SUBHASH ENGINEERING COLLEGE

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. Subhradev Bhattacharyya, student of Netaji Subhash Engineering College participated in the one day seminar on RECENT ADVANCES IN GROUND IMPROVEMENT TECHNIQUE held in Netaji Subhash Engineering College on 11th November, 2016.

PROF (DR.) KINGSHUK DAN

Programme Coordinator and
Assistant Professor, Civil Dept.,
Netaji Subhash Engineering College

PROF. G.K. SADHU

Assistant Professor and
Head of Department, Civil Dept.,
Netaji Subhash Engineering College

PROF. (DR.) AMAL K. GHOSH

Principal,
Netaji Subhash Engineering College

ইন্ড্যাগ আয়োজিত কর্মশালা নেতাজি সুভাষ ইঞ্জিনয়ারিং কলেজ-এ

গত ৭ই থেকে ৯ই সেপ্টেম্বর তিনদিনব্যাপি কর্মশালা আয়োজিত হয় নেতাজি সুভাষ ইঞ্জিনয়ারিং কলেজ-এর সিভিল ইঞ্জিনয়ারিং বিভাগ এবং ইন্সটিটিউট অব স্টীল ডেভেলপমেন্ট এন্ড গ্রোথ (ইন্ড্যাগ)-এর যৌথ সহযোগিতায়। কর্মশালার বিষয়বস্তু “ডিজাইন এন্ড কন্সট্রাকশন অব স্টীল স্ট্রাকচার”।

তিনদিনব্যাপি এই কর্মশালায় প্রথম দুদিন (৭ই এবং ৮ই সেপ্টেম্বর) ক্লাসরুম লেকচার এবং শেষদিন (৯ই সেপ্টেম্বর) নির্মানস্থল পরিদর্শনের আয়োজন করা হয়েছিল। কর্মশালার প্রারম্ভিক অনুষ্ঠানে এই বিষয়ের গুরুত্ব এবং উপযোগিতা ব্যাপারে ছাত্র-ছাত্রীদের উদ্দেশ্যে বক্তব্য রাখেন নেতাজি সুভাষ ইঞ্জিনয়ারিং কলেজ-এর নির্দেশক ডঃ ঋষিকেশ মন্ডল, অধ্যক্ষ প্রঃ অমল কুমার ঘোষ, ডিন (একাডেমিক্স) প্রঃ সুশান্ত কুমার ভট্টাচার্য, সিভিল ইঞ্জিনয়ারিং বিভাগ-এর বিভাগীয় প্রধান প্রঃ গৌতম কুমার সাধু, ইন্ড্যাগ এর ডিরেক্টর জেনারেল শ্রী সুসিম ব্যানার্জী এবং ডেপুটি জেনারেল ম্যানেজার ডঃ জয়ন্ত কুমার সাহা। এই কর্মশালায় পরিকাঠামো নির্মান সম্পর্কিত বিভিন্ন প্রাসঙ্গিক বিষয়ে আলোকপাত করা হয়। আলোচনা শেষে বিভিন্ন বিষয়ে প্রশ্নোত্তর পর্বের আয়োজন ছিল।

শেষদিনে রাজারহাট এ নির্মিয়মান সম্পূর্ণ ইস্পাত নির্মিত “রেস্টেলো” নামক আবাসন পরিদর্শনের আয়োজন করা হয়েছিল। নির্মানস্থলে ইন্ড্যাগ-এর বিশেষজ্ঞরা আবাসনটির কাঠামো ও নির্মান কৌশল ছাত্রদের নিকট বিশদে ব্যাখ্যা করেন।





Institute For Steel Development & Growth (INS DAG) &
Netaji Subhash Engineering College (NSEC), Garia



Certificate for Participation

This is to certify that

Abhijit Santra, 3rd year, Civil Engineering Student

has successfully participated in the Refresher Course

on

**DESIGN & CONSTRUCTION OF STEEL STRUCTURES
(INCLUDING SITE VISIT)**

*organized jointly by Civil Engineering Department, Netaji Subhash Engineering
College, Garia & Institute for Steel Development & Growth, Kolkata*

during 7th – 9th Sept 2016.

Mr. Sushim Banerjee
DG , INSDAG

Prof. Amal K. Ghosh
Principal, NSEC

Prof. G. K. Sadhu
HOD(CE), NSEC

Dr. Jayanta Saha
Coordinator, INSDAG