

Information Brochure

One Day Seminar

On

Integration of Global Navigation Satellite Systems (GNSS) with Wireless Communication and Networks

(IGSWN 2018)

17th February, 2018

Organized by

The Institution of Engineers (India),

In association with

Dr. B.C. Roy Engineering College, Durgapur

EC division, Student Chapter IEI



Venue

Ashutosh Bhawan Auditorium

Dr. B.C. Roy Engineering College, Durgapur-

713206

INVITATION

It is of course a great pleasure to announce that we are going to organize a One-day National Seminar on "Integration between Global Navigation Satellite Systems (GNSS) and Wireless Communication and Networking (WCN) Systems." at Dr. B. C. Roy Engineering College Durgapur on February 17th, 2018. . The basic purpose of the present seminar is to have an interactive session among the students, faculties, scientist and researchers from different organization about the progress and latest development made in the broad areas of Satellite Based Technology and Applications.

INTRODUCTION

The role of Satellite and its application has made a drastic revolution in the communication world. Through its meaningful research and teaching the knowledge and contribution of recent advances in the arena of satellite communication can be gathered. The basic purpose of the present seminar is to have an interactive session among the students, faculties, scientist and researchers from different organization about the progress and latest development made in the broad areas of Satellite Based Technology and Applications. The latest innovation of the global navigation satellite systems (GNSS) technologies plays an important role in improving the quality and safety of modern life. Most of the applications evolved from the Integration between GNSS, geographical information systems (GIS) and wireless communications and networking (WCN) systems. The wide spread applications that are using these technologies include: the automatic vehicle location (AVL), tracking systems, navigation systems, pedestrian navigation systems, intelligent transportation systems, precise positioning, and emergency callers, among others. The location based services (LBS) are possible only by the combination of GNSS, GIS and WCN. The growing need for commercial LBS has forced cellular-phone and network manufacturers to concentrate on positioning solutions, which are even more precise than the regulatory mandates for positioning of emergency callers and other user services and applications.

SPEAKERS ON DIFFERENT TOPICS

- 1) Dr. Rowdra Ghatak , Professor, ECE dept., NIT, Durgapur
- 2) Dr. Parmeswar Banerjee, Visiting Faculty, GNSS DRDO Project, Physics Dept. Burdwan University, Former Chief Scientist , Former Acting Director National Physical Laboratory, New Delhi
- 3) Dr. Anindya Bose, Senior Scientific officer, Physics Dept., Burdwan University
- 4) Dr. Chandan Kumar Ghosh, Professor, ECE Dept. BCREC

About Institute of Engineers

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform to share professional experiences. IEI has membership strength of

nearly 0.73 million. Established in 1920, with its headquarters at 8 Gokhale Road, Kolkata – 700 020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering. In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honor. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions with active involvement of professionals, engineers, academicians and research workers. It provides a vast array of technical, professional and support ing services to the Government, Industries, Academia and the Engineering fraternity, operating from over 100 Centers lo cated across the country.

About the Venue

Dr. B.C. Roy Engineering College, Durgapur, is dedicated to the memory of Dr. Bidhan Chandra Roy, the architect of modern West Bengal and BCREC management is deeply committed to gradually build the college as one of the best seats of Engineering and Management Education in Eastern India with domestic and global requirements in view.

BCREC was set up with a view to be a leader in imparting quality technical education in the country. Since inception, BCREC has created one of the finest infrastructures and fortunate enough to attract the best possible faculty and generating top quality Engineering professionals and managers year after year is, indeed a true service to the nation.

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Er.M.N.Bandhopadhyay, Secretary, IEI Durgapur local centre

And other committee members

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Prof. Ankita Mitra

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 Mr. Sandip Bhattacharjee

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 Ankit Anurag (ECE)
 Tithi Mondal (ECE)
 Akash pathak (ECE)
 Shilpa Nayak (ECE)
 Ashis Kumar (CSE)
 Nipun Agarwal (ECE)
 Pratik Rajhans (ECE)
 And all IEI (EC) division
 Student members

Important dates

Last date of registration: 10.2.2018

(Strictly on first come basis)

Seats: Limited

Date of seminar: 17.2.2018

Duration: - one day

**Venue: Dr. B.C. Roy Engineering College
 Durgapur, 713206**

Registration

Members of IEI, BCREC Faculty, staffs and students Rs 100/-
 Faculty from other institute Rs 200/-
 Delegates from industry Rs 500/-
 Foreign Delegate Rs 2000/-

Advertisement tariff

Various sponsoring organizations are requested to sponsor the program for grand success.

Banners (Big size)	Rs 5000/-
Banners (Small size)	Rs 4000/-

For further details please contact

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Integration between Global Navigation Satellite Systems (GNSS) and Wireless Communications and Networking (WCN) Systems

17th Feb, 2018

Registration Form

To

The Seminar Convenor,

Dear Sir,

The following person may please be registered as a delegate for participation in the above seminar to be held at BCREC on 17th Feb 2018

Please find enclosed a DD/Cheque/Cash NoDt.....

Rupees (.....) drawn on

Please fill up the form below

Name: _____

Designation: _____

College/Office Address _____

Permanent Address: _____

Telephone: _____ Fax _____

Mobile No _____

email _____

Delegate Signature

One day Seminar on “Integration of Global Navigation Satellite Systems (GNSS) with Wireless Communication and Networks”

Report :-

A One-day National Seminar on “Integration between Global Navigation Satellite Systems (GNSS) and Wireless Communication and Networking (WCN) Systems.” at Dr. B. C. Roy Engineering College Durgapur on February 17th, 2018. The basic purpose of the seminar is to have an interactive session among the students, faculties, scientist and researchers from different organization about the progress and latest development made in the broad areas of Satellite Based Technology and Applications. The role of Satellite and its application has made a drastic revolution in the communication world. Through its meaningful research and teaching the knowledge and contribution of recent advances in the arena of satellite communication can be gathered. The basic purpose of the present seminar is to have an interactive session among the students, faculties, scientist and researchers from different organization about the progress and latest development made in the broad areas of Satellite Based Technology and Applications. The latest innovation of the global navigation satellite systems (GNSS) technologies plays an important role in improving the quality and safety of modern life. Most of the applications evolved from the Integration between GNSS, geographical information systems (GIS) and wireless communications and networking (WCN) systems. The wide spread applications that are using these technologies include: the automatic vehicle location (AVL), tracking systems, navigation systems, pedestrian navigation systems, intelligent transportation systems, precise positioning, and emergency callers, among others. The location based services (LBS) are possible only by the combination of GNSS, GIS and WCN. The growing need for commercial LBS has forced cellular-phone and network manufacturers to concentrate on positioning solutions, which are even more precise than the regulatory mandates for positioning of emergency callers and other user services and applications. The programme was organized by ECE department of BCREC in association Institution of Engineers, IEI(I), EC division BCREC. Prof. (Dr.) Parneswar Banerjee Former Acting Director National Physical Laboratory, New Delhi, Prof. (Dr.) Rowdra Ghatak, Professor of NIT Durgapur, Prof. (Dr.) Anindya Bose, Burdwan University and Prof. (Dr.) Chandan Ghosh, Professor ECE, BCREC were the speakers on this occasion. Other personalities present during the inauguration was Prof. (Dr.) Pijush Pal Roy, Director BCREC, Prof. (Dr.) N.N.Pathak, HoD, ECE, Prof. (Dr.) Chandan Koner, IEI representative Mr. H.K. Goswami and Mr. M.N. Bandhopadhyay. Prof. Rajib Banerjee and Prof. Debipriya Dutta of ECE department, BCREC was the organizing chair of the seminar.







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