

Registration Form

Heritage Murshidabad

Name: _____

Designation: _____

Department: _____

Organization: _____

Address: _____

Contact No: _____

Email: _____

Sex: Male Female

Highest Qualification: _____

(With Name of the College/University) _____

Experience (In years): _____

Teaching: _____ Research: _____

Others (Please Specify): _____

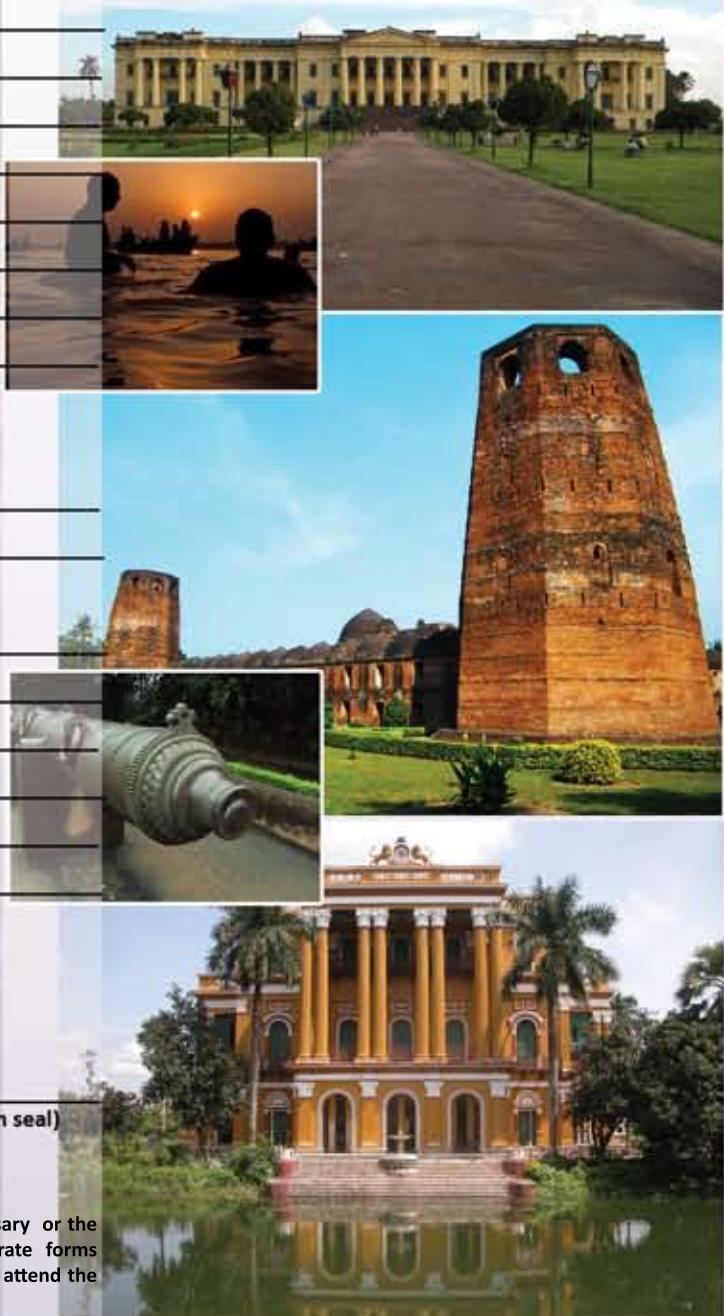
Mobile No: _____

Motivation for attending the program: _____

Signature of the Participant _____

Signature of the Head of the Institute/Department (With seal) _____

Photocopies of the registration form can also be used if necessary or the form can also be downloaded from the college website. Separate forms must be submitted incase multiple faculty members intend to attend the program.



Target Audience

This program is designed for the faculty members/researchers/students. About 30 participants will be selected on the basis of academic background. A few student participants may also be selected on the basis of their special interest.

Registration

Interested participants should send their filled in registration form in the prescribed format duly attested by the Head of the institution, to the address mentioned below, or scan and mail them to the email id mentioned below.

Important Dates

Last date for Registration : 15th May, 2014
Submission of Abstract : 15th May, 2014
Intimation of Selection : 17th May, 2014
Payment of registration fee : 20th May, 2014
Full paper submission deadline : 20th May, 2014
Date of workshop & symposium : 26th-31st May, 2014
(Symposium: 30th May, 2014)

Workshop website : www.gcettb.org.in, www.besdiet.org

Workshop Email : andc2014@besdiet.org

Contact Persons

Dr P J Pal (Coordinator)

Mobile: 9434641986

Chandan Sinha Roy (Joint Coordinator)

Mobile No: 9614461653, 9475880427

E-mail : andc2014@besdiet.org

FAX : 03481-231188, 03482-250142

Venue

Workshop Venue:

Govt College of Engineering & Textile Technology, Berhampore
Berhampore, Murshidabad, West Bengal, Pin-742101

Symposium Venue:

Dumkal Institute of Engineering & Technology
Basantapur, Murshidabad, West Bengal, Pin-742406



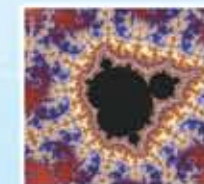
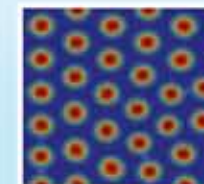
One Week Workshop & Symposium

on

Applied Nonlinear Dynamics and Chaos (ANDC-2014)

(Faculty Development Program)

26th-31st May, 2014



Jointly organised by

Government College of Engineering & Textile Technology

Berhampore, Murshidabad, WB
and

Dumkal Institute of Engineering & Technology

Basantapur, Murshidabad, WB

UNDER

TEQIP-II

Activities

WORKSHOP & SYMPOSIUM

on

“Applied Nonlinear Dynamics and Chaos” (ANDC-2014)

Jointly organised by

Government College of Engineering & Textile Technology, Berhampore (GCETT), Murshidabad
&
Dumkal Institute of Engineering & Technology (DIET), Basantapur, Murshidabad
Under TEQIP (Phase II)

ABOUT THE INSTITUTIONS

Govt College of Engg & Textile Tech, Berhampore

The college was established on 19th July 1927 as Government Silk Weaving and Dyeing Institute, under the administrative control of Directorate of industries, Government of West Bengal. It was renamed as College of Textile Technology in 1950. In 2001, the college was brought under the academic control of the West Bengal University of Technology and a new B. Tech. Course in Computer Science and Engineering was introduced. In 2005, it was finally renamed as Government College of Engineering and Textile Technology, Berhampore. In 2004, Textile Technology department of the institute was accredited by the National Board of Accreditation (NBA).

Mechanical Engineering and Electrical Engineering departments were introduced in the year 2010. The first batch will pass out in 2014. Technical education system in India faces a great challenge in terms of imparting the right knowledge and the pertinent experience that blends to create complete professionals. This college strongly believes in the complete growth of its students and provides them every opportunity and facility to nurture their talents. Our purpose is not to transfer knowledge, but to create an environment that imbibes students to discover and construct knowledge for them and to make them physically healthy, intellectually objective, emotionally balanced and spiritually conscious members of the society.

Dumkal Institute of Engineering & Technology

The college was established on 4 August in 2001 with four streams (CSE, IT, ECE, & EIE). It is one of the oldest Engineering Colleges under WBUT in West Bengal. Basantapur Education Society, under the wise leadership of Dr Nazrul Islam BSc, MA, MBA, PhD, D Litt, IPS, started programmes for spreading education among the people of surrounding rural areas in Dumkal. This area of Murshidabad is well known for illiteracy and poverty. Dr Islam surmounted all obstacles and established Dumkal Institute of Engineering & Technology and paved the way for thousands of rural students to undergo degree course in Engineering & Technology at their door step. Subsequently this college started courses in Electrical Engineering, Mechanical Engineering, Civil Engineering and also M.Tech in ECE. Two 1st Degree Professional

Courses like BBA(H) and BCA have also been included for the interest of the students.

This college takes every care to support the needs of the students regarding day to day theoretical and practical classes. Moreover, they are given ample opportunity for games & sports, literary activities and social services. Realizing the importance of placement, DIET keeps liaison with various industries and more than 80% of the 2011, 2012 & 2013 batches have already got lucrative jobs in different sectors. Well qualified and experienced Faculty members are always dedicated toward all aspect development of students. All laboratories, workshops and other facilities of this college are neatly arranged as has been prescribed by the affiliating university and AICTE.

Objective

The objective of this programme is to promote the two main dimensions: teaching and research relating to formulation and analysis of so-called controlled and uncontrolled, quantitative and qualitative, discrete and continuous time nonlinear systems. Recently, nonlinear dynamical problems and chaos have acquired considerable attention for not only mathematicians, physicists, and engineers, but also in many other areas. This is because most of the real world systems are inherently nonlinear in nature and cannot be treated satisfactorily by employing the usual linear systems theory. There are ample scopes for research on identification of these nonlinear systems associated with, e.g., Biological, Chemical, Medicine, Engineering and Physical phenomena as well as development of suitable mathematical techniques and tools to characterize their distinct features. This workshop will introduce the basic concepts of nonlinear dynamics and chaos, and its broad application in various fields. The objective of this program is to bring together the preeminent experts in this area from different parts of our country, who are engaged in developing various promising tools and techniques as well as researchers/students from different fields of Mathematical, Biological, Chemical, Medical, Engineering and Physical Sciences, to discuss comprehensive and upto-date information on the tools and methodologies that are available for nonlinear systems. We firmly believe that they will exchange their ideas and views on the recent developments in nonlinear dynamics and chaos and their applications through close interactions/discussions, lecture sessions, practical sessions, and offer new perspectives on nonlinear dynamics and chaos.

Broad areas to be covered

- Continuous and Discrete Dynamical Systems, Stability, Local and Global Bifurcations
- Chaos in Continuous and Discrete Dynamical Systems, Hyperchaos, Chaos Controlling and Synchronization
- Reaction Diffusion Systems, Diffusion Driven Instability, Pattern formation
- Applications of nonlinear dynamics in Biological, Chemical, Engineering and Physical Systems.

Registration Fee

- (a) UG Student : 150 INR
(Rs 50/- will be refunded at the Registration desk)
- (b) Research Scholar/PG Student : 200 INR
- (c) Academician (Scientist/Faculty) : 500 INR
- (d) Participant from TEQIP funded college : 1,000 INR
- The registration fee includes workshop kits, tea, breakfast and lunch. Registration fee is to be paid either through Demand Draft drawn in favor of Principal, Govt College of Engg Textile Tech, Berhampore, payable at Berhampore (WB) or cash at the Registration Desk before inauguration of the workshop with a prior intimation to the Coordinator(s).

TA & Accommodation

Traveling, Lodging, boarding and other expenses will have to be borne by the participants. Accommodation will have to be managed by the participants only. However, the guidance (contact 9614461653, 9434441666) will be provided for accommodation. The hotel tariff may range between Rs. 100/- to Rs. 3000/- per day.

Submission of Papers

Interested participants may submit their Abstracts (preferably in latex) through E-mail: andc2014@besdiet.org. Participants are also requested to submit a full paper (within 6 pages, preferably in latex) for publication (after peer-review) in Proceedings.

Organizing Committee

Dr Pallav Jyoti Pal (Coordinator)
Chandan Sinha Roy (Joint Coordinator)
Dr Anindya Ghosh (Co-coordinator)
Sanjoy Chatteraj (Co-coordinator)
Bapi Saha (Organising Secretary)
Md Baijid Hossain (Joint Secretary)
Dr Aniruddha Ghosh (Member)
Proton Sarkar (Member)
Dibyendu Barman (Member)
Sukanta Mondal (Member)
Debraj Sarkar (Member)
Prasit Banerjee (Member)
Md Hamid Islam (Member)

Chief Patrons

1. Dr Sajal Dasgupta, DTE, Govt of WB
2. Dr Nazrul Islam, Formerly IPS, Chairman, BES

Patrons

1. Prof Dr Chakradhar Datta, Principal, DIET
2. Prof Dr Abhijit Biswas, OIC, GCETT

Advisory Committee

1. Hon'ble Prof. Ranjan Bhattacharya, VC, WBUT
2. Prof Dr P C Sen, Formerly in JU
3. Prof Dr Amiya Bhusan Roy, JU
4. Prof Dr Kripasindhu Choudhury, JU
5. Prof Dr Santanu Ray, VB, Santiniketan, WB
6. Prof Dr Charu Gopal Chakrabarty, Formerly in CU
7. Prof Dr Soumitro Banerjee, IISER Kolkata
8. Prof Dr Ardesh Prasad, Delhi University
9. Eduardo González-Olivares, Mathematical Ecology Group, Valparaiso, Chile
10. Dr Prashanta Kumar Mandal, VB, Santiniketan
11. Prof Dr Susmita Sarkar, CU, WB
12. Prof Dr Uma Basu, CU, WB

Tentative list of invited speakers

1. Prof Dr Lakshmanan Muthusamy, Centre for Nonlinear Dynamics, Bharathidasan University, Tiruchirapalli
2. Prof Dr Santanu Ray, VB, Santiniketan, WB
3. Prof Dr Bimal Kumar Mishra, BIT Mesra
4. Dr K Murali, Anna University, Chennai
5. Dr Malay Banerjee, IIT Kanpur
6. Dr Tapan Saha, Presidency University, Calcutta
7. Prof Dr R K Upadhyay, ISM Dhanbad
8. Prof Dr Subenoy Chakraborty, JU
9. Dr Dibakar Ghosh, ISI Kolkata
10. Dr Syamal Kumar Dana, IICB Kolkata
11. Dr Tanmoy Banerjee, BU, Burdwan
12. Prof Dr Joydev Chattopadhyay, ISI Kolkata
13. Prof Dr Sabyasachi Bhattacharya, ISI Kolkata

Poster Presentation of paper is allowed

Proceedings will be published (after peer-review)