

### Main Resource Person of this Workshop-cum Training:

Dr. Chandima Gomes, A Senior Lecturer in Physics at the University of Colombo, an Associate Professor at Monash University (SL Branch), an Advisor to the National Lightning Safety Institution, USA, the Team Leader of South Asian Lightning Awareness Program (SALAP), the Chairman of the Expert Study Group on Lightning Protection Issues (operating under NASTEC, Ministry of Science and Technology), he may be the most active lightning protection consultant and researcher in the South Asian region and one of the few experts specialized in this field in the entire Asian Region. For the last few years he has been conducting training programs on lightning protection technologies to the engineers in Sri Lanka, Bangladesh, India, Bhutan, Nepal, Pakistan and Colombia.

### South Asian Technology Research and Information Centre (SATRIC):

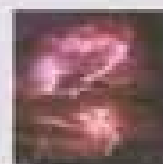
SATRIC was established with the objective of channeling the highest level of expertise in science and technology to the South Asian Region and also of developing indigenous technologies to address the needs and requirements of the region, in collaboration with regional partners. SATRIC, so far, has conducted a number of training programs in Sri Lanka, India, Bangladesh, Pakistan, Nepal and Bhutan. SATRIC also undertake partial and complete turnkey projects where development and application of technology is required.

### Bangladesh Lightning Research Centre (BLRC)

BLRC formed in 2004 and it is established in the Department of Physics, Jahangirnagar University, Savar, Dhaka. Professor Dr. Md. Abdul Mannan Chowdhury is the main coordinator of BLRC. Under his supervision a number of students are doing PhD and M.Phil in Lightning Physics. BLRC conducted few workshops together with TARA on lightning Physics and its Protection.

### Lightning Awareness Centre (LAC)

LAC was established to make people be aware of the threat of the lightning and its devastating aspect. It has done various workshops in Bangladesh on lightning protection for the school teachers and students, college teachers and students, fishermen, common people and also for the university level. LAC took part in many international Lightning Protection Workshop and Training Programs.



Jointly Organized by



**TARA-Technological Assistance for Rural  
Advancement  
And  
BLRC, Dept. of Physics, Jahangirnagar  
University**

**Assistance:  
Colombo University  
South Asian Technology Research and  
Information Centre (SATRIC)**

Main Resource Person

Dr. Chandima Gomes, PhD, CEng (UK), CPhys (UK),  
MIET (UK), MInstP (UK), MIP (SL)

5<sup>th</sup> and 6<sup>th</sup> of November 2007  
RPATC, Chittagong, Bangladesh



Sponsored by

**OBO Bettermann, Germany**



**WORKSHOP ON LIGHTNING PROTECTION AND SAFETY**  
**Solutions for Your Lightning Problems**

TARA- Technological Assistance for Rural Advancement and Bangladesh Lightning Research Centre (BLRC), Department of Physics, Jahangirnagar University, Dhaka organizing the "Workshop on Lightning Protection and Safety" with the theme of "Solutions for Your Lightning Protection Problems", in collaboration with the Department of Physics, Colombo University, Sri Lanka and South Asian Technology Research and Information Centre (SATRIC), Colombo, Sri Lanka. Sponsors provided by OBO Bettermann GmbH, Germany. The goals objectives of this program are to improve the technical and engineering skills in Lightning Protection of the engineering, scientific and research communities and to expand their knowledge in the current international standards and practices in Lightning Protection.

This training program is highly beneficial to the Engineering and Management Communities of Power and Communication sectors, Aviation and Ports Authority, Industrial sector, Insurance and Banking Sectors, Government and Private Engineering Institutions, Garment Industries, Building Construction and Computer Industry, Defense, Commercial Sector that work in electronic environments (factories offices etc.) and any other institution or individual interested in the above subject.

protection equipment and services and any other institution or individual interested in the above subject.

#### Course Themes:

1. Theory and designing of external protection systems for structures
2. Theory and designing of protection systems for low voltage power installations (230 V), communication & data line systems and equipment
3. Human safety at work place environment

#### Learning Objectives of this course are given below:

1. Understanding the lightning threat levels.
2. Designing external protection systems for complex buildings.
3. Designing surge protection systems for commercial and industrial buildings.
4. Supervising the installation and commissioning of protection systems.
5. Preparing BOQs for protection systems.
6. Product and quotation evaluation.
7. Keeping proper maintenance record and maintaining safety guidelines for workers



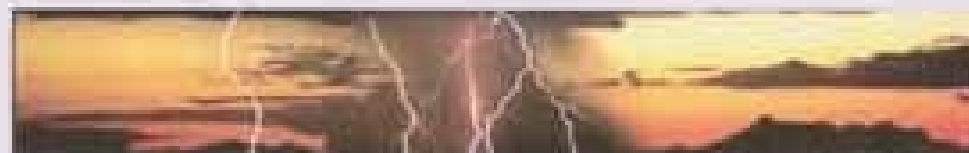
Date: 5<sup>th</sup> and 6<sup>th</sup> of November 2007  
(from 8.30 a.m. to 5.30 p.m.)

Venue: RRATIC (Regional Public Administration Training Center)  
Near Stadium, Chittagang Bangladesh

No. of Participants: 40

Registration Fee: Tk. 3,500/= (Course fee includes course material, Lunch & refreshments but not the cost of staying and traveling)

Registration: A cheque drawn in favour of "Technological Assistance for Rural Advancement" together with the registration form should be sent to the Program Coordinator



As the number of participants is strictly limited, the reservations are made on first come first serve basis.

Application should reach us on or before 30<sup>th</sup> October 2007

#### Application

1. Name:
2. Designation:
3. Name of the Sponsoring authority: (if any)
4. Address for Communication:  
Phone No. (office):  
(home):  
Fax (office / home):  
Email:
5. Cheque / Draft No:

For more information please contact:

Dr. Munir Ahmed  
Program Coordinator  
Lightning Awareness Center  
TARA-Technological Assistance for Rural Advancement  
1 Purbachal Road (South of Air More)  
Northwest Badda, Gulshan, Dhaka-1212, Bangladesh.  
Telephone: (880-2) 885-1405, 885-1406, 01712-204477, 01817-026106  
Email: tara@prtechco.net  
munir\_tara@yahoo.com

Prof. Dr. Md. Abdul Mannan Chowdhury  
Department of Physics  
Jahangirnagar University  
Savar, Dhaka-1342  
Bangladesh.  
Tel: 880-2-7708478-85 Ex.1634,  
01552 410926(M), 880-2-7701443 (R)  
Email: marzia111@yahoo.com