



**ISTIC**

INTERNATIONAL SCIENCE, TECHNOLOGY AND  
INNOVATION CENTRE FOR SOUTH-SOUTH  
COOPERATION UNDER THE AUSPICES OF UNESCO



**ESCI**

**9 – 11  
OCTOBER  
2011**

**TRAINING WORKSHOP ON**

**MAINTENANCE OF INFRASTRUCTURE**



**ORGANIZED BY:**

**ENGINEERING STAFF COLLEGE OF INDIA  
(ESCI)**

**AND**

**INTERNATIONAL SCIENCE, TECHNOLOGY  
AND INNOVATION CENTRE  
FOR SOUTH-SOUTH COOPERATION  
UNDER THE AUSPICES OF UNESCO  
(ISTIC)**

**HYDERABAD  
INDIA**

### **Content of the Training Workshop**

Maintenance is used as a generic term to include planned maintenance, repair & reimbursement and provision for replacement of the structure. The goal of Infrastructure maintenance is to sustain the life of major assets. When maintenance is carried out too soon or too late, the provider of the assets / Infrastructure incurs unnecessary costs and compromises life of the asset. Maintenance of existing infrastructure should not be seen as secondary importance to the apparently more attractive option of new infrastructure.

Maintaining infrastructure comes at a cost, but this is a prudent investment which will save government significantly in the medium to long term and will promote both the economic and human capital development.

There are other significant costs associated with inadequate maintenance and consequent breakdowns. These costs could include loss of production and consequent economic loss, health risks, injury or loss of life, and the cost of alternative measures needed during breakdowns.

Maintenance norms and standards are yet to be developed for the various sectors (e.g Roads, water, sanitation, etc). Good practice guidelines for planning, design and implementing maintenance programmes will be identified. Based on the maintenance standards, budgeting norms will be developed to facilitate accurate long-term maintenance budget forecasting, taking into account the type, age and condition of the infrastructure.

The programme covers essential contents on assessment needs, planning and execution including financial planning and budgetary control of infrastructure maintenance.

### **Duration of the Training Workshop**

09 – 11 October 2011

### **Venue of Training Workshop:**

Engineering Staff College of India  
Old Bombay Road, Gachi Bowli  
Hyderabad 500 032  
Andhra Pradesh  
India

### **Fees**

ISTIC will bear the cost fee of selected participant amounting \$125 (USD) per day. Course fee includes cost of course material, course kit and twin-sharing accommodation as per availability, breakfast, lunch, dinner, tea / coffee and snacks.

### **Participant**

The maximum number of participants for the programme is proposed to be limited to 40. The registration will be on the basis of first come first served.

Attending participants are expected to pay their own airfare to Hyderabad, India and back.

## Workshop Programme

| Time<br>Date                  | 0945 - 1015<br>Hrs                                                                                                                                        |                                      | Session I<br>1030 - 1130 Hrs                                                              | Session II<br>1130-1300 Hrs                                                                                                    |                                  | Session III<br>1400-1530 Hrs                                                                                                                                                    |                                      | Session IV<br>1545-1715 Hrs                                                                                                                                                       |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sunday<br/>09.10.2011</b>  | <b>Inaugural<br/>Session</b>                                                                                                                              | <b>1015 - 1030 Hrs<br/>Tea Break</b> | Overview &<br>Planning of<br>Infrastructure<br>Maintenance<br><br><b>Cdr. A.K.Poothia</b> | Infrastructure Maintenance<br>Needs in Building Sector<br>Including Services<br>(Assessment)<br><br><b>Shri Arvind Jaiswal</b> |                                  | Maintenance Needs<br>& Operational<br>Maintenance of<br>Roads & Bridges<br><br><b>Shri S. Jaswant<br/>Kumar</b>                                                                 |                                      | Monitoring & Evaluation of<br>Maintenance of Buildings<br>Structures<br><br><b>Shri Arvind Jaiswal</b>                                                                            |
| Time<br>Date                  | Session I<br>0945 - 1115 Hrs                                                                                                                              |                                      |                                                                                           | Session II<br>1130-1300 Hrs                                                                                                    |                                  | Session III<br>1400-1530 Hrs                                                                                                                                                    |                                      | Session IV<br>1545-1715 Hrs                                                                                                                                                       |
| <b>Monday<br/>10.10.2011</b>  | Maintenance of Electrical Installations, fitting<br>including lifts, air-conditioning, air cooling<br>including telecom<br><br><b>Shri G. Rama Murthy</b> |                                      |                                                                                           | Infrastructure<br>Safety (Fire<br>fighting, fire<br>escape & workman<br>Safety)<br><br><b>Shri S. Prasada<br/>Rao</b>          | <b>1300 – 1400 Hrs<br/>Lunch</b> | Landscaping &<br>Horticulture,<br>Concept of Green<br>building &<br>Maintenance<br>Management and<br>Field Visit<br><br><b>Shri K.B.Srivathsa<br/>/ Smt. B.Vara<br/>Lakshmi</b> | <b>1530 – 1545 Hrs<br/>Tea Break</b> | Continue<br>Landscaping &<br>Horticulture, Concept of<br>Green building &<br>Maintenance Management<br>and Field Visit<br><br><b>Shri K.B.Srivathsa / Smt.<br/>B.Vara Lakshmi</b> |
| <b>Tuesday<br/>11.10.2011</b> | Finance Planning & Budgetary Control<br><br><b>Shri Ch.V.Sai Prasad</b>                                                                                   |                                      |                                                                                           | Adaptation of<br>Climate Change for<br>Infrastructure<br><br><b>Dr. Shalini Sarma</b>                                          |                                  | Interaction / Group<br>Discussion / Case<br>Study Presentation<br><br><b>Shri S.Ranga Rao</b>                                                                                   |                                      | Feedback & Valedictory                                                                                                                                                            |

## **About Hyderabad-City of Pearls**

The ancient city of Hyderabad has been once the Nizam's Capital is now the capital of Andhra Pradesh. The fifth largest city in the country and sprawled and flourished on the banks of the river Musi. The city was founded in 1589 by Sultan Mohamad Quli Qutubshah of the Shahi Dynasty.

The city was formally called as Bhagyanagar named after Bhagyamati, the sultan's lover and also described as a panchanami sangam a place where five linguistic and cultural patterns met here Telugu, Marathi, Kannada, Tamil and Urdu have mingled and enriched a city famous for its nawabi traditions of graciousness. Introducing a Sixth culture streams to the sangam has been Britain's age of Empire.

Hyderabad Secunderabad twin cities fused in to one, is a city where north meets south, Islam meets Hinduism and consent meets cosmopolitanism. The Hyderabad Secunderabad are the city is from the 18<sup>th</sup> century onwards and begins after the period of oblivion that befell the city when the Quli-Qutub Shahi dynasty gashed.

All the cultures that have reigned in the two cities have left indelible marks on them the result is a unique cultural amalgam a social blend to which modernism has added its might. Major industries, Educational institutions and important research and training centers are located in this city that are pride of Deccan and enjoys a central location in India. A mild climate and air of spaciousness and world values of courtesy and politeness as to the attraction of the town cities.

Food Hyderabadis love to eat out and this is apparent from the number of Restaurants and eating-joints that dot the landscape all across the city. They cater to a wide range of tastes offering everything from spicy Andhra cuisine to exotic Thai and you can serve the delicious Hyderabad Biryani and a fragrant cup of Irani chai from any corner stall.

## **About ESCI - A Centre for Practicing Engineers**

### **Genesis**

Engineering Staff College of India (ESCI) is a unique institution set up in October 1981 by the premier body of professional engineers in India, The Institution of Engineers (India).

### **Philosophy & Objective**

The primary objectives of ESCI are to impart professional & need-based continuing professional development education and training in frontier areas of engineering and management fields, simultaneously providing professional consultancy & technical services to the industry. ESCI's operations are firmly grounded in its desire to act as a bridge between academic institutions, R&D laboratories and organisations in the government, manufacturing & industry sectors to promote the growth and increased availability of latest know how & expertise to professional engineers & managers in all these sectors.

### **Training Programmes**

Continuing Professional Development Programmes are formulated by ESCI from time to time and announced, on topics of current technology and relevance. ESCI also organizes & conducts customised programmes to meet specific requirement of such organizations. These are held either at ESCI campus or at other locations desired by the sponsoring organizations.

### **Campus & Hostel Facilities**

The 70 acre sprawling campus of ESCI is about 15 km from the centre of Hyderabad city. ESCI, situated in serene and tranquil surroundings, has its main building and five hostel blocks which can accommodate up to 150 participants. The A.C hostel rooms are well furnishing for comfortable stay of the participants and arrangements for catering and recreational activities on campus are also provided. The class rooms are well equipped with all modern audio – visual aids to conduct concurrent programmes.

### **Contact**

Engineering Staff College of India (ESCI)  
Old Bombay Road, Gachi Bowli  
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Andhra Pradesh  
India

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Website: <http://www.escihyd.org>

## **Brief CV of the Eminent Speakers**

Eminent faculties at National level would be conducting the workshop. The CV of the faculty confirmed for the event is listed below at present. Concurrence from other eminent professional underway.

### **1. Cdr. A.K.Poothia**

Cdr Arvind K. Poothia, Director General of Engineering Staff College of India, is former Commander of Indian Navy. A product of National Defence Academy, and the Defence Services Staff College, Wellington, was Commissioned in the electrical branch of the Indian Navy in 1972. An Electronic and Telecommunication Engineer, he also holds masters in Commercial Laws from the University of Bombay; Masters in Defence Studies from the University of Madras and Post Graduate Diploma in Systems Management from Jamnalal Bajaj Institute of Management.

In the Indian Navy, he handled many challenging assignments including Squadron Electrical Officer of Submersible Squadron, Training Squadron, Naval Projects and Air craft carrier. Responding to call of duty, he joined Garden Reach Shipbuilders and Engineers Ltd (GRSEL), Kolkata, a Government of India Undertaking under the Ministry of Defence, designing and manufacturing ships, diesel engines and other engineering items.

With rich experience in Operational Audit, Ship building, Quality Systems and Corporate Marketing, he rose to become Divisional Head. As the Divisional Head and CEO, Diesel Engine Plant, Ranchi, he turned it into a profit-making entity within a short span of two years. The Government later appointed him as the Chairman and Managing Director of the Hooghly Dock and Port Engineers Ltd, Kolkata. The company showed the best-ever results in its history during 1999-2000 under his leadership.

As Secretary & Director General, of the Institution of Engineers (India), the world's largest multi disciplinary body of engineering, he rendered yeoman service to engineering profession by getting India's membership of Engineers Mobility Forum which provides International recognition to Indian professional engineers.

A Fellow of The Institution of Engineers (India), The Institution of Electronics and Telecommunication Engineers, Indian Council of Arbitration and Associate of the Institute of Insurance, Lead Auditor of ISO 9001, 14001 & 18001, he is a recipient of many national awards and Commendation from Indian Navy.

**2. Shri Arvind Jaiswal**

He has done his B. Tech. Civil Engineering from Institute of Technology-BHU, Benares. Presently he is Chief Consulting Engineer EON Designers, Consulting Engineers & Interior Designers. His areas of interest include 3D Computer Modeling, Continuing Education Program, Capacity building in earthquake engineering education for professional engineers, large span structures, behavior of RC frames due to earthquake loads, design, analysis, retrofit and rehabilitation of structures. He has also been member of Association of Consulting Civil Engineers, Indian Institute of Bridge Engineers, Indian Concrete Institute and The Institution of Engineers (India), he has also won Blue Ribbon Member World Seismic Safety Initiative- WSSI Group in India, he has also been associated with conferences Pre-Engineered Technology for Infrastructure Development and World of innovations in structural engineering. His major consultancy activities are Design of various laboratory buildings for DRDO, Analysis and Design of highly irregular buildings with horizontal as well as vertical irregularities, Design of complete infrastructure from roads, drains, pipe crossings, culverts, box culverts, bridges, water supply, fire-fighting, security walls, gates complexes, watch towers, static water sumps.

**3. Shri S. Jaswant Kumar**

S.Jaswant Kumar is holder of masters in Geotechnical engineering and served as Chief Engineer – Design & Planning of Roads & Buildings Department Hyderabad. He has a vast experience of 9 years in Building design and 10 yrs of experience in Planning of roads and bridges. He was Associated with design of Major & Minor Bridges of A.P. State which includes 3 Major Bridges across Godavari and also Introduced many new concepts of ground improvement techniques in Road & Bridge Construction i.e soft soils use of geosynthetics, granular piles etc. He also worked in quality and Vigilance department .

**4. Shri G. Ramamurthy**

He has done his B.E (Electrical) at Osmania University. He has renowned experience as an electrical engineer for the past 30years. Presently he is Technical Director of M/s Elmech Enterprises Limited, G-21, Madhuranagr, Hyderabad, assisting the company in execution of turnkey jobs for 33 KV and 11 KV substations, lift irrigation projects, electrification works for manufacturing units, executing specialized jobs such as design and execution of special earthing system for Faraday's cage, High Voltage impulse testing labs and building lighting protection system etc.

Earlier he worked as Sr. Electrical Consultant having provided consultancy schemes for Financial Institution, Data Centre, Call Centers, Computerization of Banks, Bulk Drug Factories, Renovation works for Govt Hospitals under world Bank Aid, DRDO Prestigious Projects and major industries and as an Electrical Consultant in the Ministry of Finance and small scale Industries, Government of Libya and worked as Distribution Engineer in A.P State Electricity Board. He has also authored a Book, "Hand Book of Electrical Power Distribution" which was printed by M/s. Universities Press India (Pvt) Ltd and marketed by M/s. Orient Long man Pvt Ltd in the year 2004 and reprinted in the year 2005. Being encouraged by the response in the market, the Second Edition of the Book with more topics was again released in the market in the year 2009. He is also Interested in Writing articles on Electrical Power Distribution for Souvenirs, Technical magazine etc. and giving Technical lectures on Power Distribution and Safety Methods in Seminars. He has been Life time Fellow of Institution of Engineer and Chartered Electrical Engineer. (C.E.E)

## **5. Shri S. Prasada Rao**

Graduated in Science in 1978 from Nagarjuna University, Andhra Pradesh. Course on Injection Molding of Plastics obtained during 1979 from Central Institute of Plastic Engineering and Tools, Chennai. Certificate course in Fire Engineering with honors obtained from National Fire Service College, Ministry of Home Affairs, Govt. of India during 1980. Joined immediately Nuclear Fuel Complex as Fire Sub-Officer on 14.02.1981 to look after fire safety and fire protection on round the clock duty and training programme. Diploma in Fire Engineering from National Fire Services College with honors during 1985. Promoted as Station Officer in the same organization during 1988 and taken care of fire safety, fire protection and ensured the renovation of fire hydrant system from underground to over ground for better maintenance. Ensured the active and passive fire protection of new production units. Introduced modern version of fire alarm and detector system. Provided water spray protect system to the LPG and Ammonia storage bullets. Graduated in Fire Engineering awarded by Institution of Fire Engineers (India), New Delhi during the year 1986. Elevated to the position of Dy. Chief Fire Officer during the year 1996 in the same organization. Ensured the zero fire accident status for the past few years by imparting fire training to all employees, contract staff and conducting more number of fire safety inspections, mock drills and fire prevention campaigns.

He served the committee to review the fire safety standards of our department's regulatory board and the adequacy of fire safety of 9 production facilities based on syn gas, H<sub>2</sub>S contact process. He designed the co<sub>2</sub> flooding system for the protection of solvent extraction facility and the multipurpose fire tenders conforming to standards to meet the requirement of multifarious fire hazards. Presented papers on fire safety during different seminars, workshops conducted by the department. Serving as faculty and examiner to the National Fire Service College, Ministry of Home Affairs, Nagpur for different level courses.

Invited talks given on tailor made course for senior level officers from different manufacturing sectors protected by Central Industrial Security Forces and Officers of Andhra Pradesh Fire and Emergency Services. Obtained Master in Science from Sikkim Manipal Science, Technological and Health University during 2004 in the field of Disaster Mitigation. Advising sister units of department at various parts of India on fire safety, fire prevention, fire protection and fire fighting.

Innovative measures adopted for the use of infrastructure of fire safety in a befitting manner to overcome the difficulties. Awareness programme to educate the community, school, college students and employees of office, factories through lectures, and competitions for slogans, cartoons, essay writing, quiz and spot the hazards.

Active and Passive fire protection was recommended for the plant designed for extraction of rare material from Phosphoric acid. Enroute standby duty was provided for the special convoy for the material movement. Two lives were saved during a fire accident that took place at pyro heating production unit.

Salvage operations carried out during fire accidents and hundred lakhs worth of property saved. Procedure manuals, Standing Orders and On-site emergency preparedness plans prepared for different hazards. 30 years of experience in the field of Fire Safety.

## **6. Shri K.B.Srivathsa**

He has done his Bachelor of Architecture, College of Fine Arts and Architecture, at Jawaharlal Nehru Technological University, Hyderabad and Master of Landscape Architecture, School of Planning and Architecture, New Delhi. Presently he is Chief Landscape Architect, Landscape Architects and Environmental Planners, (LAEP). His Specializations are Landscape planning, Eco tourism, Site planning and sustainable landscapes, Environmental Planning. He has been a Guest faculty of Acharya N.G. Ranga Agricultural University, Hyderabad, and Department of Landscape Architecture. Anna University, Chennai and Visiting faculty to Dept. of Architecture, Jawaharlal Nehru Technological University, Dept. of Architecture and Dept. of Landscape Architecture, Church of South Indian Institute of Technology, Dept. of Architecture, Sri Venkateswara College of Architecture.

He is Member of Council of Architecture, Associate of- Indian Institute of Architects, Fellow of Indian Society of landscape Architects and a Resource Person of Indian National Trust of Architectural Conservation & Heritage. He has won Best Landscape architect by Anchor Choice awards –IIA. (Indian Institute of Architects), First position by Dept. of Horticulture In 1000 Sq.yds. Category for Mr.Y.N.Rao's residence and Best maintained heritage precinct award by INTACH for Two consecutive years.

His major achievements include Landscape master planning for Kailasa Hill at Visakhapatnam for V.U.D.A., Landscape for foreground area of QUTBSHAHI TOMBS – Heritage precinct for Q.Q.S.U.D.A. Hyderabad, Landscape Development of Vishakhapatnam Steel City, Landscape Development of Indian Embassy at Kuwait, Landscape for Taj Bengal, Five star Hotel at Calcutta. He has also conducted a National level Workshop - Quality Improvement Programme for the teaching staff on “Landscape architecture- planting design and trends” held at Dept. of Architecture, Jawaharlal Nehru Technological University.

**7. Smt. B.Vara Lakshmi**

She has done her B.Arch, from Gulbarga University, Department of Architecture, P.D.A College of Engineering, Gulbarga. Presently, she is working as a Counsellor (Architect)- Green Buildings at CII Godrej Green Business Centre (Indian Green Building Council), Hyderabad, India. Represented IGBC in the Asia Pacific Green Building Leadership Program at Melbourne and Brisbane, Australia. Trained in Energyplus at NREL, Denver, Colorado, US.

Currently in-charge of Certification for LEED India projects and IGBC Rating programs. Worked on Indigenizing LEED India New Construction & LEED India Core Shell Rating Program for Indian Green Building Council. LEED Facilitation and Advisory services

**8. Shri Ch. V. Sai Prasad**

Post graduate in Commerce from Osmania University, and also completed P.G. Diploma in Public Relations and Financial Management. Presently, he is working as Senior Audit Officer in the office of the Principal Accountant General (Civil Audit), Andhra Pradesh, Hyderabad conducting the audit of Jalayagnam a prestigious Irrigation programme of Government of Andhra Pradesh taken up with an outlay of over 1 lakh crores of rupees. He was earlier External Auditor to United Nations and conducted the Audit of UNAVEM III, Angola. He worked as Deputy Director (Pay and Accounts) in Andhra Pradesh Electricity Regulatory Commission, Hyderabad for nearly 3 years on deputation basis. He has conducted audit of many public works engineering projects for over ten years covering all the aspects of contract management.

He contributed more than 500 articles on various topics of finance and popular economics in various national and internal Journals. He delivered lectures in Regional Training Institute, Nagpur, Regional Training Centre, Hyderabad. International Centre for Information and Systems Audit, Noida, New Delhi, NAARM, NFC, Income Tax department, Central Excise Department, ICTRI, NIRD, MANAGE and also ESCI in Hyderabad. He has handled varied topics like Financial Management, Contract Management, Procurement process, FRs, General Financial Rules, Public Works, IT Audit, etc.

**9. Dr. Shalini Sharma**

Doctorate in Environmental Sciences, Dr Sharma is basically a Scientist and Project Director for various national and international Environment domain projects. Trained for PROJECT DIRECTION at MDL Information System GmbH, Frankfurt, Germany. Conducting training on Change Management at The Institution of Engineers (India), annually.

Current assignment as Senior Faculty and Head, Center for Climate Change at Engineering Staff College of India (ESCI), A Forum of Institution of Engineers, Hyderabad, AP, India. Awarded for Best Research Paper and Presentation in 24<sup>th</sup> All India Botanical Society Conference held in Hyderabad in year 2001. Researcher in renowned institute National Botanical Research Institute (Council of Scientific and Industrial Research), Lucknow, U.P., India.

Published original scientific work in national and international journals & Proceedings. Worked as Domain Specialist, Team Leader and Project Director for Ecotoxicology Data Excerpton & Development in Globalways Solutions Pvt. Ltd (Globalways Inc, California U.S.) Hyderabad (Branch). Consultancy to assess Environmental impacts (EIA) and prepare Management / Mitigation (Environment Management Plan). Delivered lectures on "Climate Change" in various conferences including Army Headquarters, New Delhi.

## **About ISTIC – A Platform for South-South Cooperation in Science, Technology and Innovation (STI)**

The creation of the International Science, Technology and Innovation Centre for South-South Cooperation under the Auspices of UNESCO (ISTIC) is a follow up of the Doha Plan of Action which has been adopted by the Head of States and Government of the Group of 77 and China, during the meeting in Doha, Qatar, from 12 to 16 June 2005 on the occasion of the Second South Summit of the Group of 77.

The Summit urged UNESCO to develop and implement a programme for South-South cooperation in science and technology with the objective of facilitating the integration of a developmental approach into national science and technology and innovation policies, capacity building in science and technology through providing policy advice and exchange of experience and best practices, and creating a problem solving network of centres of excellence in developing countries as well as supporting the exchange of students, researchers, scientists and technologists among developing countries.

ISTIC will act as an International Platform for South-South Cooperation in Science, Technology and Innovation and make use of the network of the G77 plus China and the Organization of the Islamic Conference (OIC). The overall goal of ISTIC is to increase the capacity for management of science, technology and innovation throughout developing countries. ISTIC Secretariat is hosted by Academy of Sciences Malaysia (ASM) for five years before making ISTIC an autonomous organization.

ISTIC Programmes give focus and priority to the following areas:

- i. STI Policy for Development
- ii. Capacity Building
- iii. Collaborative Initiatives with Existing STI Networks
- iv. WEHAB (Water, Energy, Health, Agricultural and Biodiversity)
- v. New Technologies

## **Contact**

International Science, Technology and Innovation Centre  
for South-South Cooperation under the Auspices of UNESCO (ISTIC)  
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Website: <http://www.istic-unesco.org>



**ISTIC**  
INTERNATIONAL SCIENCE, TECHNOLOGY AND  
INNOVATION CENTRE FOR SOUTH-SOUTH  
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**NOMINATION FOR TRAINING WORKSHOP ON  
MAINTENANCE OF INFRASTRUCTURE  
9 – 11 OCTOBER 2011, HYDERABAD, INDIA**

|                                                                                       |                                         |
|---------------------------------------------------------------------------------------|-----------------------------------------|
| <b>FOR OFFICIAL USE ONLY</b><br><br>Reference No :<br><br>Received :<br><br>Checked : | Please affix latest passport photograph |
|---------------------------------------------------------------------------------------|-----------------------------------------|

**1. PERSONAL PARTICULAR**

|                                    |                                                                    |
|------------------------------------|--------------------------------------------------------------------|
| <b>Family Name (surname):</b>      | <b>Date of Birth :</b><br><b>(Date/Month/Year)</b>                 |
| <b>First Name :</b>                | <b>Nationality :</b><br><b>(Citizenship)</b>                       |
| <b>Other given names :</b>         | <b>Gender :</b><br><b>(Male/Female)</b>                            |
| <b>City and Country of Birth :</b> | <b>Marital Status :</b><br><b>(Single/Married/Divorce/Widowed)</b> |
| <b>Passport No. :</b>              |                                                                    |

**2. COMMUNICATION AND MAILING ADDRESS**

|                                                                             |                |             |               |                                   |                |             |               |
|-----------------------------------------------------------------------------|----------------|-------------|---------------|-----------------------------------|----------------|-------------|---------------|
| <b>Candidate's Office Address :</b>                                         |                |             |               | <b>Candidate's Home Address :</b> |                |             |               |
|                                                                             | <b>Country</b> | <b>Area</b> | <b>Number</b> |                                   | <b>Country</b> | <b>Area</b> | <b>Number</b> |
| Office Tel No :                                                             |                |             |               | Home Tel No :                     |                |             |               |
| Office Fax No :                                                             |                |             |               | Home Fax No :                     |                |             |               |
| Mobile No :                                                                 |                |             |               | Email Address :                   |                |             |               |
| Person to be contacted in case of emergency (name, telephone and address) : |                |             |               |                                   |                |             |               |
|                                                                             |                |             |               |                                   |                |             |               |

**3. EMPLOYMENT RECORD**

|                                                                  |
|------------------------------------------------------------------|
| <b>Current Post</b>                                              |
| Employer :                                                       |
| Duration of Service :                                            |
| Title of Post :                                                  |
| Type of Organization :<br>Government/Semi-Government/Private/NGO |
| Main functions of organization :                                 |
| Total numbers of employees in organization :                     |

Description of your current work including your responsibility :

*\*Please use supplementary pages if necessary*

**IMPORTANT REQUIREMENT**

***\*\*Please attach your curriculum vitae (CV)***

**Application and Enquiries**

All applicants are required to complete the prescribed application form and submit the completed form to the following address:

**Secretariat**

**Training Workshop on Maintenance of Infrastructure**

ISTIC, c/o Academy of Sciences Malaysia

902- 4, Jalan Tun Ismail

50480 Kuala Lumpur, MALAYSIA

Tel: +603-2694 9898

Fax: +603-2698 4549

Email: [adzim@istic-unesco.org](mailto:adzim@istic-unesco.org)

Website: <http://www.istic-unesco.org>

Closing Date of Applications: All applications should be submitted to the ISTIC secretariat office by **Thursday, 8 September 2011.**

ISTIC will inform the successful applicants to the training workshop not later than 20 September 2011.  
Application form also can be downloaded from <http://www.istic-unesco.org>