

Curriculum Vitae of the proposed Expert Team leader

**NAME: Engr. Dr. S Reaz Ahmed**

<b>1. Name of Expert:</b>	Professor Dr. S Reaz Ahmed		
<b>2. Date of Birth:</b>	01 Jan 1968	<b>Citizenship:</b>	Bangladeshi
<b>3. Complete Personal Contact Details:</b>	: Professor, Dept. of ME, Bangladesh University of Engineering and Technology (BUET), Dhaka 1000, Bangladesh Mobile: 0171 1176 762, Email address: srahmed@me.buet.ac.bd		
<b>4. Education:</b>			
Degree / Discipline	Institute		
PhD in Mechanical Engineering	Department of Nanomechanics, Tohoku University, Japan		
M. Sc in Mechanical Engineering	Dept. of Mechanical Engineering, Bangladesh University of Engineering and Technology (BUET), Dhaka, Bangladesh		
B. Sc. in Mechanical Engineering	Dept. of Mechanical Engineering, Bangladesh University of Engineering and Technology (BUET), Dhaka, Bangladesh		
<b>5. Membership of Professional Bodies:</b>	Member, Institution of Engineers, Bangladesh		
<b>6. Training:</b>	(a) International Symposium on Research and Education in the 21st Century, Tohoku University, Japan, 2000. Invited and funded by Tohoku University, Japan		
<b>7. Languages:</b>			
Language	Speaking	Reading	Writing
Bangla	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent
Japanese	Good	Good	Average
<b>8. Employment Record:</b>	<i>(Starting with present position, list in reverse order every employment held by staff member since graduation, providing dates of employment, name of employing organization, positions held.)</i>		
<b>(a) Academic Experience</b>			
Firm/Institute	Duration	Designation/Role	
Bangladesh University of Engineering and Technology (BUET)	April, 2007 to date	Professor Dept. of Mech Engg	
Bangladesh University of Engineering and Technology (BUET)	December, 2002 to April, 2007	Associate Professor Dept. of Mech Engg	
Bangladesh University of Engineering and Technology (BUET)	September, 1994 to December, 2002	Assistant Professor Dept. of Mech Engg	
Bangladesh University of Engineering and Technology (BUET)	June, 1991 to September, 1994	Lecturer Dept. of Mech Engg	

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<b>(b) Administrative Experience</b>		
Position	Institution	Duration
Director	Directorate of Advisory, Extension and Research Services, BUET	Nov. 2012 to date
Assistant Provost	Ahsan Ullah Hall, BUET	2002 to 2004
<b>9. Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned</b>		
<p>A. Consultancy service for technical assessment of 267 salt lodation plants in eight salt processing zones of Bangladesh". The work was carried out by the Dept. of Mechanical Engineering, BUET, in association with UNICEF and BSCIC (2000-2001).</p> <p>B. Consultancy service for physical verification and valuation of the plant and machinery of Excelsior shoes limited, Chittagong EPZ, Chittagong". The consultancy work was sponsored by the Securities and Exchange Commission, Bangladesh (2001)</p> <p>C. Consultancy service for the installation verification of the imported capital machinery / equipment and valuation of the spare parts for Cold Rolling Mill Installed by KYCR Coil Industries Limited, Chittagong". The consultancy work was sponsored by Bangladesh Customs House, Chittagong (2003).</p> <p>D. Consultancy service for design checking and installation verification of the Capital Machinery / Parts imported by RAK Ceramics (Bangladesh) Limited for the Tiles Expansion and the Sanitary ware Plants". The consultancy work was sponsored by Bangladesh Customs House, Chittagong (2003).</p> <p>E. Consultancy service for investigation of the effect of Tack-welding of elastic rail clips with inserts in the PSC sleeper and on the development of secured rail clipping system". The consultancy work was sponsored by Bangladesh Railway, Chittagong (2003)</p> <p>F. Consultancy service for verification of the installation of the Capital Machinery / parts imported by M/S. Holcim (Bangladesh) Limited". The consultancy work was sponsored by Bangladesh Customs House, Chittagong, (2003)</p> <p>G. Consultancy service to the money lending consortium led by Agrani Bank Limited for verification of cost and appropriateness of proposed rerolling mills of BSRM at Fouzderhat. 2007</p> <p>H. Consultancy service to Bangladesh Sugar and Food Industries Corporation (BSFIC) for the feasibility study of (i) installing sugar refinery plant for producing sugar from imported raw sugar and (ii) power production through cogeneration in the sugar mills of BSFIC. 2010</p> <p>I. Consultancy service to Agrani Bank Limited for Technical Evaluation of the Proposed Scheme of Power Generation from Rice Husk Produced as byproduct from an Automatic Rice Mill of M/s AKW Agro &amp; Food Industries Ltd., Ghoraghat, Dinajpur. 2011</p>		
<b>10. Other Professional Works at national level</b>		
<p>A. Working as the member of the Technical Committee of Bangladesh Agricultural Development Corporation (BADC). The Ministry of Agriculture, Government of Bangladesh (2007~date)</p> <p>B. Worked as the Chairman of the Committee for Preparing the Specification of Specialized Products and Household Appliances, formed by Bangladesh Standards and Testing Institutions (BSTI), Dhaka 1208, Bangladesh (2003~2005)</p> <p>C. Worked as the member of the Technical Committee of Secondary Education Sector Improvement Project (SESIP). The Ministry of Education, Government of Bangladesh (2002~2005)</p>		

**11. Research and Publication**

- A. Research theme is focused on Material Testing, Computational mechanics, Composite materials
- B. Published over 50 research papers in international and national journals.
- C. Presented 50 research papers in international and national conferences.
- D. Supervised one doctoral student and five masters students.

Date: 11 May 2013