



## ***CURRICULUM VITAE***

### **DR. KSHIRODE CHANDRA ROY**

#### **1.0 PERSONAL INFORMATION**

- 1.1 Name : Kshirode Chandra Roy
- 1.2 Father's name : Late Jatindra Nath Roy
- 1.3 Present address : Chief Scientific Officer  
Farm Machinery and Postharvest Process Engineering Division  
Bangladesh Agricultural Research Institute  
Joydebpur, Gazipur-1701, Bangladesh
- 1.4 Permanent address : Vill. & P.O. Jona, Dist. Rajbari, Bangladesh
- 1.5 Date of birth : 1 September 1952
- 1.6 Place of birth : Rajbari, Bangladesh
- 1.7 Marital status : Married
- 1.8 Nationality : Bangladeshi by birth
- 1.9 Date of entry into service : August 1976
- 1.10 Date of entry to the present post : 31 May 2005

#### **2.0 QUALIFICATIONS**

##### **2.1 Academic degrees**

<b>Name of Examination</b>	<b>Year</b>	<b>Board/ Institution</b>	<b>Country</b>	<b>Division/ Class/ Grade</b>	<b>Major</b>
S. S. C.	1968	Dhaka	Bangladesh	First Division	Science
H. S. C. (Equivalent)	1970	Bangladesh Agri- Varsity	Bangladesh	First Division	Science
B. Sc. (Ag. Engg.)	1974 (held in 1976)	Bangladesh Agri- Varsity	Bangladesh	First Class First Position	Farm Machinery
M. Eng.	1978	Asian Institute of Technology	Thailand	GPA 3.3	Agri. & Food Engineering
Ph. D	1989	Utah State University	U.S.A.	GPA 3.6	Irrigation Engineering

## 2.2 Proficiency in Languages (Except Mother Tongue Bengali)

Language	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Hindi	Good	Fair	Slight

## 3.0 PROFESSIONAL EXPERIENCES

### 3.1 Research and Development Experience

- **Chief Scientific Officer:** BARI, May 2005 to date.
- **Principal Scientific Officer:** BARI, April 1996 to May 2005.
- **Postdoctoral Fellow,** Land, Air and Water Resources Department, University of California, Davis, California, USA, March - September 1989.
- **Teaching Assistant,** Utah State University, Logan, USA, 1986-87.
- **Part-time Teacher,** Bangladesh Agricultural Institute, Dhaka, 1982-84, 1990.
- **Senior Scientific Officer,** BARI, October 1978 - March 1996.
- **Agricultural Programme Coordinator,** Mennonite Central Committee (an US/Canadian Christian relief organization), August - December 1976.

### 3.2 Extended Training

Sl. No.	Course Title	Duration	Sponsor	Place
1	Non-refrigerated Potato Storage	01 - 15 Feb 1981	CIP	Baguio, Philippines
2	Small-Scale Water Control Structure	13 - 18 Sep 1982	CIDA	BARI, Joydebpur
3	Power Irrigation Equipment & its Field Maintenance	21 - 26 Jul 1984	BUET	BUET, Dhaka
4	Research Planning & Evaluation	04 - 19 Apr 1990	BARI	BARI, Joydebpur
5	Water Control & Measurement in Water Delivery Systems	16 - 25 Apr 1994	CDP	BARI, Joydebpur
6	Administrative and Financial Management	27 Feb-9 Mar 2000	BARC	BARD, Comilla
7	Advances in Agricultural Machinery	23 Jun-3 Aug 2000	ARMP	Coimbatore and Bhopal, India

### 3.3 Membership of the Professional Societies

- Member, Asian Association of Agricultural Engineers
- Member, International Commission of Agricultural Engineering
- Fellow, Institution of Engineers, Bangladesh
- Member, Krishibid Institution of Bangladesh
- Member, Bangladesh Association for the Advancement of Science
- Member, Bangladesh Society of Agricultural Engineers

### 3.4 Professional Skills

- Teaching Assistant, Utah State University, 1986-87
- Experience in writing **research proposals** and **project reports**
- Wide ranging experience with various PC and mainframe **graphics** packages
- Window and DOS software known : WordPerfect, MS Word, LOTUS, Excel, Harvard Graphics, Quatro Pro, SPSS, MSTAT, IRRISTAT, PowerPoint, AutoCAD etc.

- Computer programming language known: **FORTTRAN, BASIC**
- Extensive experience in **IBM Mainframe and VAX**
- Expertise in writing Numerical methods, **Finite Difference code development**
- **Co-editor, 'Agricultural Mechanization in Asia, Africa and Latin America',**  
(quarterly journal published from Japan) 1980-84
- **Honorary Reporter**, Engineering News (monthly magazine of the Institution of Engineers, Bangladesh) 1990 – 1999
- **Editor**, Journal of the Institution of Engineers, Bangladesh, (Agricultural Engineering Division) 1998 -1999

### 3.5 Participation in Overseas Seminar/Conference

Sl. No.	Place	Year	Seminar/ Conference Title
1	Asian Institute of Technology, Bangkok, Thailand	1977	International Conference on Agricultural Mechanization
2	Peoples' Republic of China and The Philippines	1982	Consultation Meeting of FAO on Producer Gas
3	Amsterdam, The Netherlands	1984	International Conference on Agricultural Mechanization in Developing Countries
4	Colorado, USA	1985	Seminar on Irrigation & Water Management
5	Chicago, USA	1985	Conference of American Society of Agricultural Engineers (ASAE)
6	Baltimore, USA	1987	Conference of American Society of Agricultural Engineers (ASAE)
7	Chicago, USA	1988	Conference of American Society of Agricultural Engineers (ASAE)
8	Anand, Gujrat, India	2003	Groundwater Governance Workshop
9	Beijing, China	2003	Technical Advisory Committee Meeting of APCAEM
10	Beijing, China	2004	International Conference of CIGR on Conservation Tillage
11	New Delhi, India	2005	International Conference on Plasticsulture and Precision Farming

### 3.6 PUBLICATION

I have 21 research articles in referred professional journals, 39 national and international seminar, meeting, and conference publications, 10 Monograph/ Technical Reports, 12 bulletins, 2 books and 74 popular articles.

### 4. REFERENCES

- i) Dr. M Sahadad Hussain  
Director General  
Bangladesh Agricultural Research Institute  
Joydebpur, Gazipur-1701, Bangladesh  
Tel: (02) 925-2715
- ii) Dr. B K Bala  
Professor  
Department of Farm Power & Machinery  
Bangladesh Agricultural University  
Mymensingh, Bangladesh  
Tel: (091) 55518