

CV  
Habib ur Rahman  
Manger Agricultural Machinery  
Mint Consulting Group (MCG)

**DATE OF BIRTH** December 1, 1948

**NATIONALITY** Pakistani

**EDUCATION** i)1979 – 1982: University of Philippines at Los Banos, Manila while Research Scholar at International Rice Research Institute (IRRI), Philippines  
**M. S. Agricultural Engineering (Excellent Grade)**  
Major Subject: Agricultural Power and Machinery  
Minor Subject: Applied Mathematics (Computer-based Mathematical Modeling)  
Thesis Title: A 0-1 Integer Programming Model for Farm Planning and Machinery Selection

ii)1966 – 1970 University of Agriculture, Faisalabad  
**B. S. Agricultural Engineering (First Division)**

iii)1964 – 1966 University of Agriculture, Faisalabad  
**F. Sc. Agriculture (First Division)**

iv)1953 – 1964 D.C High School, Toba Tek Singh  
**Matriculation (First Division)**

**OTHER TRAINING** Agricultural and Rural Development **Project Planning and Analysis** Course at the Project Training Institute, Lahore (5 Weeks) organized by Dr. J.P. Gittinger, World Bank

**Computer based Project Planning and Analysis**  
Course at the Project Training Institute, Lahore (3 Weeks) organized by Dr. J.P. Gittinger, World Bank

Trainer's Training in **Project Planning and Analysis** (2 Weeks) organized with the assistance of the World bank

Study Tour of Australia for studying **Competitive Grant System for funding Agricultural Research** (10 days)

Training at Staff Training Institute, Lahore (One week)

Prepared **Case Studies in Project Planning and**

**Analysis** and presented in training workshops organized by the World Bank at Lahore, Karachi and Quetta

**COMPUTER SKILLS**

Proficient in MS Word, Microsoft Excel, D-Base, Windows, Lotus 123, Harvard Graphics, Power Point, Statistical Package for Social Sciences (SPSS) etc.

**LANGUAGES AND DEGREE OF PROFICIENCY**

	<u>Spoken</u>	<u>Written</u>	<u>Reading</u>
English	Excellent	Excellent	Excellent
Urdu	Excellent	Excellent	Excellent
Persian	-	Fair	Fair

**MEMBERSHIP IN PROFESSIONAL SOCIETIES**

Member, Pakistan Engineering Council  
Member, Pakistan Society of Agricultural Engineers

**EMPLOYMENT RECORD**

March 2010 to date

Employer: Mint Consulting Group (MCG)  
**Position Held: Manager Agricultural Machinery  
Gambella Alvero Rice Project, Ethiopia**

Description of Duties

- Has responsibility for the overall supervision of all agricultural machinery operations and maintenance staff in the project.
- Guides subordinate staff in solving technical problems and monitors progress.
- Assists GARP management in planning, organizing, and coordinating agricultural machinery operations and maintenance activities.
- Advises the GARP management on agricultural machinery operations and maintenance matters and keeps them informed on the operational status of all the project equipment.
- Ensures, through discussions and recommendations to GARP management, that field-level operations and maintenance procedures and programs conform to current policies and directives.
- Reviews and consolidates all agricultural

- machinery operations and maintenance reports.
- Maintains the Agricultural Machinery Operations and Maintenance SOPs.
  - Coordinates with GARP management in matters related to recruitment of staff, procurement of equipment and supplies, and maintenance of security related to agricultural machinery.
  - Analyzes field conditions to identify the type and specifications of agricultural and allied machinery required for rice crop production and recommend its procurement source.
  - Inspects and tests agricultural machinery and equipment before final placement of order if possible, or test the machinery on its arrival for adequate performance.
  - Coordinates and leads agricultural machinery related project activities.
  - Assigns suitable and qualified farm machinery staff to different jobs.
  - Ensures quality control in operations and maintenance of agricultural machinery.
  - Identifies the need, plans and prepares write-ups for educational training programs and infield training to provide the project staff with adequate knowledge of the agricultural machinery and implements.
  - Plans agricultural machinery workshops for repair and service as well as warehouses for parking.
  - Calculates operating cost of agricultural machinery for efficient and economical use.
  - Coordinates with other crop production departments for mechanized field operations.
  - Plans operations of agricultural machinery and allocates it as per requirement of field blocks in coordination with Director Technical, Farm Manager and other members of crop production team.
  - Performs other tasks as assigned by the Director (Technical).

March 2000 – December 2008

Employer : Chief Secretary / Government of the Punjab

**Position Held: Deputy Secretary (Planning),  
Agriculture Department**

#### Description of Duties

- **Planning, preparation, processing, implementation, coordination and evaluation of development projects (both foreign-assisted and local funded)**
- Monitoring of implementation of agricultural laws, particularly those related to pesticides and fertilizers
- Monitoring of availability of inputs such as seed, fertilizer, pesticide, irrigation water etc.
- Administrative matters of Agricultural Universities in Punjab
- Processing of Schedules of New Expenditure, Administrative Approvals and Sanctions of projects
- **Technical Matters of all Wings of Agriculture Department**
- Correspondence with Planning and Development, Finance and Services & General Administration Departments and the Federal Government
- **Performance Budgeting**
- **Procurement of machinery and equipment**

May 1999 – February 2000

Employer: Secretary Agriculture /Government of the Punjab

**Position Held: Under Secretary (Field and Water Management), Agriculture Department**

#### Description of Duties

Assistance in Planning, Budget Control, Management and Administration of Agricultural Engineering, Soil Conservation, Water Management, Pest Warning and Quality Control of Pesticides, Planning and Evaluation Cell, Punjab Seed Corporation, Purchase Cell, Punjab Agricultural Research Board, Regional Agricultural Economic Development Centre (RAEDC) and Autonomous Bodies under the Punjab Agriculture Department (Universities and the Punjab Seed Corporation)

December 1993 – May 1999

Employer: Secretary Agriculture/Chief Executive, Punjab

## Agricultural Research Board (PARB)

### **Position Held: Member Planning and Programming (Engineering and Irrigation), PARB**

#### Description of Duties

- **Master Planning** of research on crops, livestock, irrigation, forestry and fisheries sub-sectors of agriculture with particular focus on:
  - **Identifying provincial research priorities**
  - Farming systems research involving crops, livestock and agro-forestry
  - **Diagnostic surveys** to identify and prioritize farmer's production and marketing constraints
  - Reorganization of research and extension systems incorporate the farming systems approach
  - **Program planning and budgeting**
- Human resources development for agricultural research
- Strengthening research-extension-farmers linkages for effective technology generation and transfer
- Developing budgets for research institutions and funding of projects
- Review of Agriculture Sector
- Developing Implementation Plan for the **Provincial Agricultural Research Master Plan (PRMP)**
- Project Planning for funding agricultural research
- Design, development, institutionalizing and implementing the **Competitive Grant System (CGS)** for funding high priority agricultural research in the province
- **Project Monitoring and Evaluation**
- **Research Coordination** among the 64 research institutes in the livestock, irrigation, forestry and fisheries sub-sectors under the provincial line departments and the universities.
- Interaction and collaboration with World Bank missions
- Implementation of development projects
- Procurement of machinery and equipment under World Bank Guidelines

July 1986 – December 1993

Employer: Secretary Agriculture/Director, Rice Research Institute, Kala Shah Kaku

**Position Held: Agricultural Engineer**

Description of duties:

- **Planning and Implementation of development projects**
- **Analysis of Development Projects**
- **Procurement of machinery and equipment**
- **Interaction with foreign and local research institutions**
- Assistance in Research Management and Administration
- Comprehensive farming systems research and technology transfer on rice-wheat farming system
- Farm Machinery Development: Designed, developed and popularized the country's first rice-wheat thresher
- Tested and introduced rice transplanters, combine harvesters, tillage and sub-soiling equipment, seeders, weeders, sprayers and other equipment for rice-wheat-livestock farmers
- Collaborated with plant breeders, agronomists, soil scientists, plant pathologists, entomologists, economists and statisticians for:
  - **Developing linear programming models of the rice-wheat farming system, and**
  - Technology development and transfer
- Irrigation, drainage and water management research for optimizing the scarce water resources
- Soil reclamation research
- Soil and water conservation research
- Economic analysis of improved and conventional technological packages for small farmers
- Studies on minimization of crop losses
- Production, post-harvest and marketing problems of rice-wheat-buffalo farmers
- **Studies on optimization of irrigation water, consumptive use models and soil-plant-water relationships**
- Management of farm machinery and research infrastructure

April 1973 – June 1986

Employer: Secretary Agriculture/Director, Rice Research Institute, Kala Shah Kaku

**Position Held: Assistant Agricultural Engineer (Research)**

Description of duties

- **Preparation and implementation of Agricultural Development Projects**
- Farm Machinery and Implements Testing and Development
- Procurement of equipment and field machinery
- Irrigation and Drainage Research in Rice-Wheat Farming System
- Collaborated with Plant Breeders, Agronomists, Soil Scientists, Plant Pathologists, Entomologists, Economists and Statisticians for Farming Systems Research and Technology Transfer

1970 – 1973

**Position Held: Assistant Agricultural Engineer**

Employer: General Tractors and Machinery Co. Ltd. Rahim Yar Khan/ Isa Khel Estate, Kot Samaba (Private Sector)

Description of duties

- Farm Machinery Operation, Maintenance
- Farm Implements Designing
- Farm Management
- Farm Machinery and Implements Marketing
- Training

**PUBLICATIONS**

- 26 Research Publications and Seminar Papers
- More than 50 Professional Reports, Popular Articles and Miscellaneous Manuscripts

**OTHER PROFESSIONAL EXPERIENCE**

- **Worked at the International Rice Research Institute (IRRI)**, Philippines. Interacted with international scientists and engineers for about 3 years (1979 -1982)

- **Worked as counterpart with OPCV – NESPAK**  
Consultants on Master Planning, Research  
Prioritization, Diagnostic Surveys, Program  
Budgeting, Monitoring and Evaluation, Research  
Communication and Report Writing under World  
Bank funded Agricultural Research, Phase-II (ARP-  
II) project for 5 years  
(1993-1998).
  
- **Developed and implemented Competitive Grant  
System (CGS)** – 49 inter-disciplinary farming  
systems projects were funded under the system  
(1997-1999).