

## NPC Consultant Professional Profile

### I. Personal Information

**Name:**Binko Tirkey

**Current Position& Domain:**Deputy Director

**Domain:** Agri-business Management/ Industrial Engineering

**Office Location:**NPC HQ, New Delhi

**Languages:**Hindi, English, Oriya & Bangla

**Contact:**[binko.tirkey@npcindia.gov.in](mailto:binko.tirkey@npcindia.gov.in)/+91-11-24607332



### II. Professional Summary

16+ years of professional experience in Programme Implementation & Evaluation Research studies under various Government Scheme in the field of Agriculture and fisheries sector, Organisation Restructuring/Development, HR interventions like Competency Mapping, Succession Planning, HR Audit, Job Evaluation & Analysis, Productivity Linked Incentive scheme, Production Norms, Work Study, Manpower Audit/Assessment, Offline Recruitment Examinations/Test in a variety of Govt. and private organisations. Experience in developing, conducting and coordinating seminars, conferences, training programmes for different organisations.

#### Areas of Expertise

**Primary Domains:**Agricultural Engineering/Industrial Engineering

**Specialized Skills:**Research studies in Agriculture & Fisheries, Organization Restructuring/Development,Manpower/HR Audit, Job Evaluation & Analysis, Productivity Linked Incentive scheme, Production Norms, Work Study / Research studies in Agriculture & Fisheries

**Industry Focus:**Department of Agriculture, Dept. of Fisheries(DoF),Dept. of Fertilizers(DoF), Dept. of Consumer Affairs(DOCA), BSES Rajdhani Power Ltd. (BRPL),New Delhi Municipal Council (NDMC),Power Finance Corporation, ESIC,Mother Dairy Fruits & Vegetables Pvt. Ltd.(MDFVPL), PilkhuwaUnit andVedanta Aluminium Limited

### III. Professional Experience

**Current Position:**Deputy Director      **Organisation:**NPC, New Delhi **Duration:** 2019-till date 2025

**Previous Position:** Assistant Director      **Organisation:** NPC, New Delhi      **Duration:** 2009-2019

**Key Responsibilities:**

<b>S. No.</b>	<b>Assignment Title</b>	<b>Year</b>
1.	Assessment of Evaluating Efficacy, Utility and Impact of Nano Urea in Comparison to Conventional Urea	2024
2.	Assessment of Post harvest Losses of Inland and Marine Fishes and measures to mitigate these losses	2023
3.	Improvement in fish marketing infrastructure of Gazipur and Howrah Wholesale fish markets	2023
4.	Study for Design Improvement in Storage Containers Used in Supply Chain for Inland and Marine fishes by Vendors	2023
5.	Study of Best practices in fish marketing system of Andhra Pradesh and dissemination through workshops	2023
6.	Agro-climatic zone-specific Mapping of Innovative Fishing Practices for enhancing Production and Productivity in Upper Gangetic Plain Region	2023
7.	Evaluation of RAS and Biofloc Technologies and their dissemination through Workshop	2023
8.	Study to strengthen Monitoring Mechanism of Implementation of PMMSY	2023
9.	Base line Survey on Production and Productivity of Inland Fisheries for the Department of Fisheries, Government of India	2021-22
10.	Impact Evaluation of Buffer Stocking Policy of Pulses for Department of Consumer Affairs, Government of India	2021
11.	Review of Existing and Framing of New Productivity Linked Bonus Scheme for ESIC	2020
12.	Manpower Assessment, Manpower Planning and Analysis of Organization Structure in Power Finance Corporation, New Delhi	2019
13.	Preparation of C-DAP of 40 Districts of UP (2017-22) & SAIDP of UP State for Year 2016-17	2019
14.	Preparation of C-DAP of 40 Districts of UP (2017-22) & SAIDP of UP State for Year 2016-17	2019
15.	Manpower Assessment & Restructuring at BSES Rajdhani Power Ltd. (BRPL).	2018
16.	Training and Examination of A.A.O. Grade for New Delhi Municipal Council (NDMC), New Delhi	2017
17.	Implementation of Up scaled "Lean Manufacturing Competitiveness Scheme "Development Commissioner (Micro, Small & Medium Enterprises), Govt. of India	2014
18.	Study on Manpower Assessment & Designing of PLIS for Mother Dairy Fruits & Vegetables Pvt. Ltd.(MDFVPL), Pilkhuwa Unit	2012
19.	Recruitment Assignment of MP Power Transmission Co. Ltd., for various posts	2011-2012
20.	In Company Training Programme on Office Procedures for National Academy of Statistical Administration(NASA),Ministry of Statistics and Programme Implementation, GOI at 11 NSSO Offices.	2011
21.	Series of In House Training Programme on Service Matters, GFR etc at NITS, Noida, Kolkata, etc.	2011-2012
22.	Organization Restructuring and Manpower Norm Study for National Institute of Open School, Noida	2011

23.	Manpower Rationalization & Job Specification Study for Vedanta Aluminum Ltd., Lanjigarh, Orissa	2010
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#### **List of APO Workshop/Conference Conducted**

<b>S. No</b>	<b>Title of APO Workshop</b>	<b>Type</b>	<b>Year</b>
1.	National Conference on “Capacity Building of Sustainable Food Value Chains for Enhanced Food Safety and Quality” from 21- 22 August 2019,at India International Centre, Lodhi Estate, New Delhi Sponsored by APO	Conference	2019
2.	National Level One day Dissemination workshop on Improvement required in Fish Marketing Infrastructure (Howrah Wholesale Fish Market) and Modern Fish Marketing Systems on 12.2.2024 at CIFRI, Kolkata, West Bengal	Workshop	2024
3.	National Level One day Dissemination workshop on Best Practices in Fish marketing System of Andhra Pradesh on 27.2.2024 at Andhra University, Visakhapatnam, Andhra Pradesh	Workshop	2024

#### **List of Webinars Conducted**

<b>S. No</b>	<b>Title of Webinar</b>	<b>Year</b>
1.	How to Ensure Productivity in Agriculture and Allied sector during and after COVID-19 Lockdown Situation?	2020
2.	Challenges of Standards and Conformity Assessment in Food Sector	2020
3.	Effective Private Speaking	2020
4.	Productive Procrastination	2020
5.	Acquire positive power in Life	2020

#### **List of Training Programme Conducted**

<b>S. No</b>	<b>Title of Training Programme</b>	<b>Type</b>	<b>Year</b>
1.	Modern Office Management, Team Building and Effective Communications” from 20th to 24th March, 2023 at Goa	Training	2023
1.	Work Life Balance & Stress Management from 12-16th February 2018 at Goa	Training	2018
2.	Stress Management at Workplace for Working Women Executives from 16-20th January 2017 at Goa	Training	2017
3.	Achieving Organizational Excellence through Total Quality Management(TQM) from 12-16th June 2017 at Manali	Training	2017
4.	Team Building & Team work in organizations from 12-16th March 2012 at Goa	Training	2012
5.	Stress & Time Management from 5-9th March 2012 at Port Blair	Training	2012
6.	Stress Management for Women Executives from 16-20th January 2012 at Goa	Training	2012
7.	HR & IT Tools for Developing Executive Secretaries from 13-17th June 2011 at Leh	Training	2011
8.	Effective Office Management & Right to Information Act-2005 from 31st -4th Nov 2011 at Puri	Training	2011
9.	Six Sigma Work Culture: A Journey towards Excellence from 8-12	Training	2011

	August,2011 at Ooty		
10.	Team Building: Redefining Role of HR from 10-15th July 2011 at Kodaikanal	Training	2011
11.	NLP-Leading a Life of Excellence from 10-14th Jan,2011 at Goa	Training	2011
12.	HR Practices for Excellence from 18-22nd Oct 2010 at Kanyakumari	Training	2010
13.	Stress & Time Management from 6-10th September,2010 at Goa	Training	2010
14.	Stress & Time Management from 7-11th Dec,2009 at Goa	Training	2009
15.	Team building & Team work in organizations from 2nd to 6th November,2009 at Gangtok	Training	2009

#### **IV. Major Project Experience in NPC:**

**(1) Project Title:** Baseline Survey on Production & Productivity of Inland Fisheries under PMMSY Scheme

**Client Name:** Department of Fisheries, Govt. of India

**Type:** Government      **Sector:** Fisheries Sector

**Role:** Team Leader

**Duration:** 2021-22

**Problem Definition:** To assess the production and productivity of Inland fisheries from different sources, to assess the reasons for wide variation in production and productivity of Inland fisheries in different sources, to collect information about innovative technologies used by progressive fishers and fish farmers in the country, to find out the extent of contamination and pollution of Inland water fish sources by arsenic and other heavy metallic matters, fly ash, sewer and drainage water and other sources.

#### **Few Recommendations Made:**

- i. The electricity charges being high renders semi-intensive and intensive aquaculture practices unviable. Aquaculture should be treated on par with agriculture for the purpose.
- ii. It is suggested that Clean and Hygienic fish market with refrigeration facilities may be set up by the State Governments. This will reduce the post harvest losses and the consumers will get better quality of fishes.
- iii. It is suggested that hatcheries may be set up, both in Government sector and private sector so that farmers may purchase seeds from these hatcheries. Moreover, the prices of seeds of fishes particularly cold water fisheries and saline water fisheries are on higher side. Therefore, these seeds should be available on reasonable price.
- iv. It is suggested that fish feed mill, both in Government and private sectors may be set up in fish producing areas.
- v. Regular training and awareness programs may be organised by the State Governments for fish farmers.etc.

**(2) Project Title:** Manpower Assessment, Manpower Planning and Analysis of Organization Structure

**Client Name:** Power Finance Corporation, New Delhi

**Type:** PSU      **Sector:** Power Finance

**Role:** Team Leader

**Duration:** 2019-20

The study was conducted to find out the power allocation & workloads & utilization levels of about 500 manpower at various job positions in different functions/sections and suggested the optimum manpower along with the projection for upcoming 5 years.

**(3) Project Title:** Preparation of C-DAP of 40 Districts of UP (2017-22) & SAIDP of UP State for Year 2016-17

**Client Name:** Directorate of Agriculture, Government of UP

**Type:** Government      **Sector:** Agriculture

**Role:** Team Member

**Duration:** 2019-22

## **V. Educational Background**

### **Highest Degree:**

- **Degree:** M.Tech (Agricultural Engineering)
- **Institution:** College of Agriculture Engineering & Technology, Orissa University of Agriculture & Technology, Bhubaneswar, India
- **Type:** Full Time      **Year:** 2004-2006
- **Specialization:** Post Harvest Processing & Food Engineering
  
- **Degree:** Post Graduate Certificate in Industrial Engineering
- **Institution:** Ambedkar Institute of Productivity (AIP), Chennai, India
- **Type:** Full Time      **Year:** 2008-2009
- **Specialization:** Industrial Engineering
  
- **Degree:** B. Tech (Agricultural Engineering)
- **Institution:** College of Agricultural Engineering, Rajendra Agriculture University, PUSA, India
- **Type:** Full Time      **Year:** 1999-2003
- **Specialization:** Agricultural Engineering

### **Additional Professional Qualifications:**

- Certificate in Project Management (CIPM) from International Institute of Projects & Program Management, Noida in 2019
- Certified Lead Auditor on ISO 19011-2018- Schedule 4 of Food Safety and Standards (Licensing & Registration) Regulations, 2011
- **Membership:** Life Member of Indian Society of Agricultural Engineers (**LM-11372**)
- **IT Skills:** MS Office, MS Project, Photoshop, MS Visio, SPSS etc.
  
- **List of Training:**

S. No	Title of Programme	Type	Location	Year
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1.	Workshop on Labor-management Relations in the Digital Era, 26–29 November 2024, by Asian Productivity Organisation, Tokyo, Japan(24-CL-31-GE-WSP-A)	Workshop Face to Face	Seoul, Republic of Korea	2024
2.	Conference on the Digital Food and Beverage Industry by Asian Productivity Organisation, Tokyo, Japan.	Conference (Virtual Session)	New Delhi, India	2024
3.	International Conference on Climate-smart Agriculture by Asian Productivity Organisation, Tokyo, Japan.	International Conference (Virtual Session)	New Delhi, India	2023
4.	Workshop on Efficient Food Storage Technologies and Management Practices by Asian Productivity Organisation, Tokyo, Japan	Workshop (Virtual Session)	New Delhi, India	2022
5.	Training Course on Innovative Aquaculture Models (Virtual Session) by Asian Productivity Organisation, Tokyo, Japan.	Conference (Virtual Session)	New Delhi, India	2022
6.	Conference on Enabling Regulations to Accelerate Agricultural Innovations by Asian Productivity Organisation, Tokyo, Japan	Conference (Virtual Session)	New Delhi, India	2021
7.	ISO 19011-2018- Schedule 4 of Food Safety and Standards (Licensing & Registration) Regulations, 2011	Certificate program for Lead Auditor	New Delhi, India	2020
8.	Certificate in Project Management (CIPM) from International Institute of Projects & Program Management, Noida	Training Program	New Delhi, India	2019
9.	Course on Research Methods on Gender Issues in Labour at V V Giri National Labour Institute, Noida	Training Program	Noida	2019
10.	Training on ISO IEC 17020:2012 Conformity Assessment by jointly Quality Care Services & NPC	Training Program	New Delhi, India	2019
11.	e-Learning Course on Global Food Safety Trends: Application of Advanced Technologies from 17 <sup>th</sup> – 20 <sup>th</sup> Dec, 2018	E-learning (APO)	New Delhi, India	2018
12.	Customer Satisfaction Management for Health Sector" with Asian Productivity Organization , Tokyo from 03rd Dec-2018 to 6th Dec-2018	E-learning (APO)	New Delhi, India	2018
13.	e-Learning course on Green Productivity from 13 <sup>th</sup> -16 <sup>th</sup> November 2017	E-learning (APO)	New Delhi, India	2017
14.	“Training of Trainers (TOT) Programme on Intellectual Property Right and National IPR Policy” from September 4-8, 2017 organized jointly by PFC-TIFAC and CIPAM (DIPP).	TOT	New Delhi, India	2017
15.	Multicounty Observational Study Mission on Industrial Engineering Techniques for Productivity Improvement in SMEs” (16-IN-	OSM (APO) Face to face	Singapore	2016

	73-GE-OSM-B) from 7-11th November 2016.			
16.	e-Learning course on ISO26000: Guidance on Social Responsibility from 9-12 <sup>th</sup> May 2011	E-learning (APO)	New Delhi, India	2011
17.	e-Learning Course on Exporting Agrifood Products to Emerging Global Markets from 4-6 <sup>th</sup> August 2009	E-learning (APO)	New Delhi, India	2009
18.	In Country Training Program for Productivity & Quality Practitioners: DON Strategy Implementation for India from 8 to 20 <sup>th</sup> September 2008	DON(APO)	Chennai, India	2008

**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that I shall be responsible for any willful misstatement described herein.

Date: 10.2.2025

Place: New Delhi

Binko Tirkey