



**National Young Professionals Development Program (NYPDP)**  
on  
“New Competencies, Career Opportunities and Research Priorities  
in Agricultural Extension”

## **Journey Beyond NYPDP** *Alumni Experiences*



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 Dr. Sk Mosaraf Hossain



## Personal Background

My unwavering aim has always been to become a consultant in the field of Agriculture, specializing in capacity building through training on Agricultural Technology, Innovation, and Entrepreneurship. This vision drove my professional aspirations and shaped my career trajectory.

## Reorientation of Professional Journey

Attending the very first batch of NYPDP at MANAGE, Hyderabad was a pivotal moment that transformed my mission from a mere aspiration into a rock-solid commitment. The program provided me with invaluable exposure to standard practices of training delivery through interactions with notable speakers from diverse fields including academia and consulting.

NYPDP didn't just refine my career goals—it crystallized them. The program gave me the wings to fly and aim high for an unconventional career journey, fueling my passion to transform the Indian Agriculture Ecosystem by seamlessly blending Academia, Industry, and Skill Development.

## Impact on Research/Academic Path

The insights gained from NYPDP significantly influenced my research approach, particularly in the domain of Pluralistic Extension. The program's emphasis on innovative methodologies enabled me to carry out research more creatively and effectively. Post-PhD, I have been able to leverage these learnings to contribute meaningfully to agricultural extension research, focusing on how multiple stakeholders can collaborate for sustainable agricultural development.

## Networking Benefits and Professional Growth

The connections and methodologies learned through NYPDP have been instrumental in expanding my professional reach. I have successfully delivered sessions on AI in Agriculture across different organizations, ranging from universities to international collaborations. Notable achievements include:

- International Collaborations: Partnerships with NIT Indonesia and PAIP Nigeria
- Diverse Training Portfolio: Sessions on AI, Machine Learning, and Remote Sensing in Agriculture
- Precision Farming Expertise: Training delivery on precision farming concepts
- Varied Audience Engagement: Successfully trained students, agriculture professionals, faculty members, and entrepreneurs

## Professional Affiliations and Capacity Building

Building on the foundation provided by NYPDP, I have established myself as:

- National Level Master Trainer affiliated with Agriculture Skill Council of India
- Capacity building Programs on:
  - Organic Cultivation
  - Entrepreneurship
  - Precision Farming
- Farmer Trainer: Trained number of farmers in sustainable and modern farming practices



## Personal Reflection - Key Turning Point

The most significant turning point during NYPDP was realizing that agricultural extension is not just about technology transfer—it's about creating an ecosystem where academia, industry, and skill development work in harmony. This insight shifted my perspective from being just a technical expert to becoming a bridge between different stakeholders in the agricultural value chain.

NYPDP taught me that true impact in agriculture comes not from working in isolation but from building collaborative networks that can drive systemic change in Indian agriculture.

## Vision Moving Forward

My journey beyond NYPDP continues to be guided by the program's core philosophy of holistic development and innovative thinking. I remain committed to transforming the Indian Agriculture Ecosystem through:

- Continued integration of cutting-edge technologies like AI and ML in agricultural practices
- Capacity building across diverse stakeholder groups
- Fostering entrepreneurship in the agricultural sector
- Building bridges between academia, industry, and grassroots implementation

The NYPDP experience has been the cornerstone of my professional journey, providing not just knowledge and skills, but the confidence and vision to pursue an unconventional path that creates meaningful impact in Indian agriculture.



Dr Sk Mosaraf Hossain Participated in the MANAGE-NYPDP at 22-26 April, 2024 at MANAGE Hyderabad.