

# NEWSLETTER

# IPL FOUNDATION

**Empowering Communities, Enriching Lives**

With an objective to foster rural outreach and capacity development of farmers and youth, IPL Centre for Rural Outreach (ICRO) launched by Indian Potash Limited (IPL) was set up in New Delhi, as a Corporate Social Responsibility project for promoting productivity in the areas of Agriculture, Rural development, Industry, and the service sector. It aims to provide agricultural knowledge, new skills to farmers through youth and promote entrepreneurial ideas and opportunities.

The activities of ICRO are being subsumed in the IPL Foundation in order to streamline and coordinate all the CSR activities coherently. To begin with, IPL Foundation has unveiled its new logo as depicted in the newsletter.



**Dr. Rajeev Ranjan,**  
IAS (Retd)  
Senior Advisor, IPL  
Foundation

I'm delighted to share the progress of work done under the ICRO/IPL Foundation in our bi-monthly second newsletter. Our initiatives have significantly impacted rural communities, focusing on education, healthcare, and sustainable development. The dedication of our team has been vital in creating positive change.

In this edition, we've also highlighted the initiatives undertaken by IPL as a company, showcasing their commitment to community welfare. I extend my heartfelt thanks to Indian Potash Limited, led by M. D, Dr. Gahlaut, for their invaluable support, to Dr. U. S. Teotia, Chief Manager (Agri Sci), the Heads of IPL Units, and the Education Society team for their commitment for executing these projects. A special thanks to Ms. Disha Kannan for her excellent work on this newsletter.

As we expand our programs, we invite you to share your ideas and content for future editions. Additionally, we are seeking to constitute an editorial team to enhance the newsletter's reach and impact. Together, let's stay committed to our mission of creating a brighter, more equitable future for all.



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## Amrit Internship Programme

"Empowering Growth  
Together: Interns and  
Farmers Unite in  
Agriculture!"



**Amrit Internship Programme at Ganpat University, Mehsana, Gujarat**

The Amrit Internship Programme offers a unique opportunity for rural youth, featuring e-learning modules that provide insights into agriculture productivity and sustainability. These modules cover cropping practices, innovative technologies, and government schemes, enhancing the interns' knowledge. Each intern is tasked with engaging 100 farmers over the three-month internship, gaining valuable skills and insights into local agricultural challenges. This experience not only boosts employability but also encourages entrepreneurial opportunities, while the interns' contributions offer essential perspectives on field-level issues and the local agro-climatic environment.

IPL Foundation has launched Amrit Internship Programme in Mehsana, one of the districts of Gujarat on 18th July, 2024 in collaboration with Ganpat University, in Sakhoti Tanda on 6th September, 2024 and in Rohana Kalan and Titawi on 19th September, 2024, Uttar Pradesh in collaboration with IPL Sugar Units.



**Amrit Internship Programme at IPL Sugar Unit - Sakhoti Tanda**



**Amrit Internship Programme at IPL Sugar Units - Rohana Kalan and Titawi**



# "GATHERING FOR GROWTH: FARMERS MEET



Farmer Meets with interns represent a dynamic exchange of knowledge, skills, and experiences that benefit both the interns and the farming community at large. By bridging the gap between theory and practice, these events contribute to the professional development of interns while also driving positive change and innovation in agriculture.

The Farmers Interaction Meet at TNAU, Coimbatore, on August 13-14, 2024, was the highlight of the IPL-ICRO-Amrit internship programme. Dr. M. Senthilkumar, Associate Professor (Agri.Ext.) opened the event, with Dr. P. P. Murugan, Director of Extension Education praising the data collection efforts of students. Dr. Rajeev Ranjan, IAS (Retd.), spoke on natural farming and SMART agriculture. Technical sessions included pest management by Dr. A. Suganthi and coconut pest issues by Dr. P. S. Shanmugam, Associate Professors, Agri. Entomology. The meet featured intern experiences, farmer feedback, and concluded with a vote of thanks and the distribution of vegetable seed kits.



**Farmer's Meet at TNAU, Coimbatore, Tamil Nadu on 13th August, 2024**

The "Farmer's Meet and Awareness Programme on Natural Farming" was held by Krishi Vigyan Kendra, Dakshin Dinajpur, West Bengal on July 15, 2024. The event, attended by 29 interns and 15 farmers, featured Dr. Sibananda Singha's (Sr. Scientist & Head, D.D.K.V.K) welcome, Dr. J. Karforma's (Dean, College of Agriculture, U.B.K.V) insights on organic vs. natural farming, Dr. S. Kundu's (Associate Prof. (Agronomy), College of Agriculture, U.B.K.V) discussion on environmental impacts of chemicals, and Dr. N. Mandal's (SMS (Agronomy), D.D.K.V.K) detailed explanation of natural farming principles and inputs. Dr. T.K. Das (Co-ordinator, ICRO Amrit Internship Programme, D.D.K.V.K. ) emphasized the long-term benefits of natural farming and concluded with a vote of thanks.



**Farmer's Meet at KVK Dakshin Dinajpur, West Bengal on 15th July, 2024**



# STRENGTHENING SKILLS AND CAPABILITIES: CAPACITY BUILDING



**Capacity Building programmes at KVK Dakhin Dinajpur, West Bengal**



Krishi Vigyan Kendra, Dakshin Dinajpur, West Bengal organized two capacity Building Programmes for the ICRO Amrit Interns. These were aimed at enhancing skills in modern agriculture and allied subjects for farmers and rural youths in West Bengal.

**1. Training on Low-Cost Fish Feed Preparation (9th to 10th July, 2024):** A two-day training programme was conducted on "Preparation of Low-Cost Fish Feed using Locally Available Materials." This session focused on developing skills in Fishery Science. Seven interns from the ICRO Amrit Internship Programme joined 23 local farmers and rural youths. Key figures included Dr. B. Goswami, the In-charge of D.D.K.V.K., who discussed the cost benefits of local vs. commercial fish feed, Mr. Subhashis Dalui, who detailed the preparation of low-cost feed, and Mr. Himadri Jhar, who addressed local fish diseases and their control measures. Dr. T.K. Das, the Programme Coordinator, emphasized the importance of spreading this knowledge among other interns and farmers.

**2. Training on Advanced Seed Production Techniques (9th to 12th July, 2024):** A four-day training programme focused on "Advance Techniques of Seed Production of Paddy" and aimed at enhancing agricultural skills among farmers and rural youths. The programme was attended by six interns and 24 local participants. Dr. B. Goswami opened the session with motivational remarks. Lectures included discussion on scientific paddy cultivation practices, insights into pest and disease management, and advice on post-harvest management. Dr. T.K. Das highlighted the significance of improving seed quality and availability.

These training programmes were integral to the professional development of both interns and local agricultural practitioners, aiming to foster advancements in both fishery science and paddy cultivation.



## CLOSING CEREMONY:

## A NEW BEGINNING



### Closing Ceremony of Amrit Internship Programme at Mayurbhanj, Odisha on 26th July, 2024

Maharaja Sriram Chandra Bhanja Deo University organised Amrit Internship Programme, in which 50 postgraduates participated for taking field survey on agricultural practices and challenges in Odisha's Mayurbhanj district, from February to July 2024.

The valedictory ceremony was organised on July 26th, 2024, which was chaired by Hon'ble Vice Chancellor Prof. S.K. Tripathy and attended by key figures including Prof. H.K. Sahu and Prof. S.K. Nayak, as well as the survey interns and local farmers. The ceremony highlighted the survey's achievements, with Prof. Tripathy emphasizing the importance of such fieldwork for understanding regional agricultural practices. Prof. Nayak praised the interns' dedication and discussed the survey's insights into the agricultural conditions and challenges faced by farmers, recommending ongoing monitoring and follow-up.

Farmers expressed satisfaction with the survey's efforts and raised concerns about soil erosion, nutrient depletion, and irrigation issues. They also sought assistance for forming local cooperative groups. The Vice Chancellor and ICRO Mentor Ms. Nandini Roy assured the farmers, support and collaboration to address their issues. The event concluded with the distribution of certificates to the interns and formal acknowledgments of all contributors by Dr. Bhubaneswar Sabara.



### AMRIT INTERNS RECEIVING THE CERTIFICATES FROM HON'BLE VICE CHANCELLOR, PROF. S.K. TRIPATHY OF MSCB UNIVERSITY



# SCHOOL VISIT

## UDBHAV SHIKSHA NIKETAN

On September 6, 2024, UDBHAV SHIKSHA NIKETAN in Sakhoti Tanda, Uttar Pradesh, was honored by the visit of Dr. Rajeev Ranjan, IAS (Retd), Senior Advisor of IPL Foundation, and Dr. U.S. Teotia, Chief Manager of Agri-Science at Indian Potash Limited. This visit underscored the IPL Foundation's ongoing commitment to educational development and community support through their philanthropic initiatives.

Dr. Ranjan and Dr. Teotia toured the school's facilities, including classrooms and other infrastructure. They reviewed the current educational resources and interacted with both students and staff to understand their needs, challenges and future plans.



**DR. RAJEEV RANJAN, IAS(RETD), SENIOR ADVISOR, IPL FOUNDATION(L) AND DR.U.S.TEOTIA, CM-AGRI SCI, IPL(R) INTERACTING WITH THE STUDENTS**





# PATHWAYS TO A GREENER FUTURE: SUSTAINABILITY CONCLAVE



**DR. RAJEEV RANJAN, IAS(RETD), SENIOR ADVISOR, IPL FOUNDATION(R) AND DR.U.S.TEOTIA, CM-AGRI SCI, IPL(L) AT GALGOTIAS UNIVERSITY**

Galgotias University's School of Agriculture, in collaboration with IPL Foundation, organized a pivotal Sustainability Conclave on "Productivity and Green Growth," featuring discussions on sustainable agricultural practices. The event was honored by the presence of Dr. C.P. Reddy, Senior Additional Commissioner, Ministry of Rural Development, as Chief Guest, and Padma Shri Dr. V.P. Singh, a renowned plant breeder, as Guest of Honour.

Prominent progressive farmers such as Padma Shri Manoj Tyagi and Shri Dharampal Tyagi shared their insights, while two technical sessions covered topics like sustainable agriculture, organic farming, and integrated pest management. The conclave included a poster session showcasing student research, a farmer awareness session for direct interaction with scientists, and Dr. Rajeev Ranjan's address on the importance of adopting sustainable practices.

Chancellor Shri. Sunil Galgotia and CEO Dr. Dhruv Galgotia commended the event for reflecting the university's dedication to innovation and sustainability in agriculture.



**SNIPPETS OF THE CONCLAVE AT GALGOTIAS UNIVERSITY**



**NATIONAL NEWS** 2024-09-13  
**Galgotias University's School of Agriculture in collaboration with IPL organized an important Sustainability Conclave on the theme "Productivity and Green Growth"**

गलगोटियास विश्वविद्यालय के स्कूल ऑफ एग्रीकल्चर ने IPL के साथ मिलकर "उत्पादकता और हरित विकास" विषय पर एक महत्वपूर्ण सस्टेनेबिलिटी कॉन्क्लेव का आयोजन किया।



गलगोटियास विश्वविद्यालय के स्कूल ऑफ एग्रीकल्चर ने IPL के सहित विकास" विषय पर एक महत्वपूर्ण सस्टेनेबिलिटी कॉन्क्लेव का आयोजन किया। इसमें कृषि, सस्टेनेबिलिटी और ग्रामीण विकास के प्रमुख क्षेत्रों पर चर्चा की गई। इस कार्यक्रम में मुख्य अतिथि के रूप में उल्लेखनीय व्यक्तियों की उपस्थिति थी।



# EMPOWERING FARMERS: INSIGHTS AND INNOVATIONS AT THE MEGA FARMERS MEET



**MR. U.N.SINGH, GENERAL MANAGER, IPL AT MEGA FARMERS MEET**

On September 14, 2024, a Mega Farmers Meet was held at Periyannayagam Mahal in Koothanur Village, Kallakurichi District, Tamil Nadu in collaboration with Tamil Nadu Agriculture Department. The event attracted 430 farmers. The event highlighted the company's activities and encouraged the use of IPL products for better yields. Mr. Upendra Nath Singh, the General Manager, shared insights about IPL's history, farmer-oriented initiatives, product supply, and company strengths, urging farmers to adopt IPL products. The Assistant Director of Agriculture discussed various agricultural practices and emphasized the benefits of IPL's NPK 16:16:16 complex for improved yields. Deputy Manager Mr. K. Haribabu elaborated on the importance of fertilizer application, including Polyhalite and water-soluble fertilizers. Mr. S. Kirubakaran outlined government subsidy schemes, while other sales officers, including Mr. P. Mariappan, Mr. E. Chandran, Mr. N. Banuchandar, and Mr. P. Saravanapiragash, contributed to the discussions and arrangements.

A representative from M/S. Sri Karpaga Vinayaga Traders expressed gratitude for the initiative, and Mr. G. Madhankumar concluded the program with a vote of thanks.



**SNIPPETS OF THE MEGA FARMER MEET**





# HEALTH CAMP : ENHANCING COMMUNITY HEALTH AND AWARENESS

Indian Potash Limited organized a three-day health camp from July 19-21, 2024 in Talajaring and Nandol gram panchayats, Junagarh district, Kalahandi, Odisha. The initiative aimed to provide free treatment and health advice to marginalized populations.

The health camp focused on providing free consultations to pregnant women, children, youth, and the elderly. It aligned with the Sustainable Development Goal (SDG) of promoting healthy lives for all.

Over the three days, approximately 5,000 individuals received consultations from a diverse team of medical professionals, including a gynaecologist, general physicians, and dental staff, supported by a medical team from the Community Health Centre.



The health camp aimed to reduce illness by addressing dehydration and malnutrition while enhancing individuals' capabilities through education on health and nutrition. It promoted community awareness by teaching First Aid and preventive measures, alongside fostering hygiene awareness in Talajaring and Nandol.

This health camp achieved significant outcomes through community sensitization on health issues. There was a 10% reduction in alcohol and tobacco use, alongside a 10% decrease in disease incidences. Additionally, health center visits increased by 50%. Overall, the camp benefited 2,116 women, 2,244 men, and 654 students, highlighting its positive impact on the community.



GLIMPSE OF THE HEALTH CAMP IN KALAHANDI, ODISHA



# HEALTH CAMP : ENHANCING COMMUNITY HEALTH AND AWARENESS

The process involved effective community engagement through awareness campaigns that informed residents about health issues and the upcoming camp. Additionally, collaborations were established with government health services and Apollo Pathology to provide free tests and medications, ensuring comprehensive healthcare access for the community. In addition to general health services, free eye tests were provided by LEPR A EYE Hospital, enhancing the comprehensive care offered during the camp.



GLIMPSE OF THE HEALTH CAMP IN KALAHANDI, ODISHA

On the final day, certificates were awarded to participants, recognizing their engagement in health education.





## BREWING SUCCESS: INNOVATIONS IN SUSTAINABILITY AT THE GRAIN-BASED DISTILLERY UNIT IN TALAJARING, KALAHANDI



We are excited to share our commitment to sustainability at the IPL 190 KLPD Grain-Based Distillery Plant in Talajaring, Kalahandi, Odisha. Our facility features a robust setup, including 90 TPD of DDGS production, 80 TPD of CO<sub>2</sub> gas recovery, a 40 TPH AFBC boiler, and a 5 MW turbine. We are currently conducting water trials and boiler hydraulics, with key infrastructure already commissioned. In addition to our internal plantation of 17,000 trees, we support community initiatives such as five solar-based borewells under the Jal Jeevan project, the planting of **31,000 tree saplings** through the Mission Hariyali project, and the installation of solar street lights. Furthermore, our free e-transportation service with electric auto-rickshaws promotes sustainable transport in the region, enhancing the quality of life for our surrounding communities.



**Planting over 50,000 saplings**



# KEY INITIATIVES AT THE GRAIN-BASED DISTILLERY UNIT IN TALAJARING, KALAHANDI

## 1. Tree Plantation Campaign

- Over 50,000 saplings planted using the Miyawaki technique, enhancing local biodiversity.

## 2. 10 KW Off-Grid Solar Station

- Powers the labor colony and street lights, reducing diesel dependency.

## 3. Solar-Based Borewells

- Installed one at the site and five in nearby villages for better water access.

## 4. Water Treatment Plant

- A 25 CUM/hour softener plant for efficient water usage.

## 5. Solar Street Lights

- 15 installed with 25 more on the way for village illumination.

## 6. Electric Auto-Rickshaw Service

- Free transport service connecting Talajaring, Nandol, and Junagarh.



Tree planting by Mr. Neeraj Sharma, VP, IPL



## ➔ Future Plans

- Rainwater Harvesting Tank
- 0.5 MW Rooftop On-Grid Solar Power Station





# THE SSP PLANT: A STEP TOWARDS SUSTAINABLE AGRICULTURE IN BIHAR



Indian Potash Limited has established a Single Super Phosphate (SSP) Plant in Muzaffarpur, Bihar. SSP is an effective fertilizer, containing 14.50% water-soluble phosphate, crucial for crop growth. The production process involves reacting rock phosphate with concentrated sulfuric acid to create a soluble form, which is then granulated.

SSP provides essential nutrients—phosphorus, sulfur, and calcium—that enhance root development and plant health. With 80 SSP plants in India and a consumption of 30 lakh MT, SSP accounts for 6.6% of total phosphatic inputs, making it a vital fertilizer alongside DAP. The new plant aims to support local agriculture, lower subsidy costs, and generate employment while promoting sustainable soil fertility.

As a mineral fertilizer, SSP can be mixed with other nutrients to create tailored fertilizers that address specific soil needs.





# "IPL UNITS: PIONEERING SUGAR, DISTILLERY, AND SOYA PRODUCTION"

## Indian Potash Limited, Dhenkanal Sugar Unit



Indian Potash Limited (IPL), the largest fertilizer importer in India, expanded into various sectors in 2010, including sugar and distillery. In November 2022, IPL acquired a 116-acre sugar unit in Dhenkanal, Odisha, with a capacity of 2,500 MT TCD. In its first year, it crushed 2.19 lakh MT of sugarcane, increasing to 2.61 lakh MT in 2023-24, achieving a recovery rate of 10.37%. The unit employs 450 people and supports over 3,500 farmers through financial aid and education. IPL also operates a distillery producing Extra Neutral Alcohol and recently launched a **soya unit** for Soya Mini Chunks and Nuggets. Committed to community welfare, IPL is enhancing local infrastructure and aims to boost sugarcane cultivation to 600,000 tonnes, benefiting farmers and fostering regional growth.

## Indian Potash Limited, Distillery Unit





# FROM STRENGTH TO STRENGTH: CELEBRATING IPL FAMILY - SOME SELECTED SUCCESS STORY"



IPL Foundation is pleased to inform that Ms. Anoushka Sawant, daughter of our colleague Ms, Pooja Sawant, Asst. Manager (Accounts), has successfully passed her C A final and is now a certified CA.

Further, while working, she plans to pursue Chartered Financial Analyst (CFA). Her determination and hard work has made her accomplished her dream.

Ms. Disha Kannan, Programme Coordinator of IPL Foundation who is also a professionally trained odissi dancer, has represented India with a dance troupe led by Association for Learning Performing Arts & Normative Action (A.L.P.A.N.A) at the International Dance Festival held in Hue, Vietnam and secured **SILVER** Medal.



This event was supported by Indian Council for Cultural Relations (ICCR) , Government of India.

Her accomplishment not only highlights her dedication and passion for art of dance but also serves as an inspiration to aspiring artists across the nation.



# FROM STRENGTH TO STRENGTH: CELEBRATING IPL FAMILY - SOME SELECTED SUCCESS STORY"



Ms. Nandini Roy, Mentor of IPL Foundation have won the award under **'Outstanding Individual'** category on the theme 'The Future of Farming: Sowing the Seeds of Change' in the event '5th edition of 'Outlook Agritech Summit & Awards 2024' organised by Outlook Group on 9th September, 2024.

The Summit was built on the success of the previous editions of the event to showcase groundbreaking innovations, while forging new collaborations in the agritech sector.

The award was received for her contribution to the agriculture sector from the Secretary of Ministry of Agriculture & Farmers' Welfare, GoI.



Mr. Siddhartha Singh, SM (Accounts), proudly completed the 42 km Ladakh Marathon in Leh, finishing with a time of 04:21:27. Set against the breathtaking backdrop of Ladakh, which sits over 11,000 feet above sea level, this marathon presents a unique challenge due to its thin mountain air and rugged terrain.

His accomplishment highlights not only his endurance but also the extraordinary beauty and difficulty of one of the world's most iconic marathon courses.



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