

Report on
Orientation Programme held for Amrit Interns
from Cuttack district, Odisha



Venue: ICAR, National Rice Research Institute

Date: 6-7 September 2022



Background

Indian Potash Limited (IPL) was established under the Indian Companies Act with the primary objective of import-handling, promotion, and marketing of potash throughout India. IPL is a significant player in various value chains and inputs, contributing to agricultural growth and the prosperity of farmers in India. IPL's field work has led to the acceptance of potash among Indian farmers, which was previously unknown to them.

As part of its Corporate Social Responsibility, IPL has gradually included activities focused on strategic spending and shared values. IPL strives to strike a balance between long-term social programs such as rural outreach, health improvement, and literacy initiatives, and areas like sustainability, productivity, and climate change.

The National Productivity Council of India (NPC), established in 1958, is an autonomous organization under the Department for Promotion of Industry & Internal Trade, Ministry of Commerce and Industry, Government of India. NPC conducts research in the field of productivity and provides consultancy and training services in various sectors, including industrial engineering, agri-business, economic services, quality management, human resources management, information technology, technology management, energy management, and environmental management.

IPL Centre for Rural Outreach (ICRO): ICRO was established by IPL as part of its Corporate Social Responsibility on March 17, 2022. NPC serves as the service provider for ICRO, assisting in the execution of projects.

About the Amrit Internship Program: The Amrit Internship Program is designed to provide hands-on experience to interns, exposing them to the real challenges faced in agriculture and rural development. It allows interns to apply their academic learning in real-life contexts, gain experience in their field, and acquire skills that will be valuable in their professional lives.

The objectives of the ICRO Amrit Internship Program are as follows:

- Promote productivity-related employment-enhancing vocational skills among youth and rural people.
- Create awareness about enhancing agriculture productivity.
- Create a network of youth entrepreneurs with skills to work in rural settings.
- Work towards improving knowledge resources on youth interface.
- Ensure environmental sustainability and conservation of natural resources.



The eligibility criteria for selecting interns include being a citizen of India with an Aadhar card, being at least 18 years old and not exceeding 40 years old, and having completed Class 12th, a diploma, or graduation. Preference is given to candidates with qualifications in agriculture or related sectors. The duration of the internship is three months.

To facilitate the program, an online application portal (www.icroamrit.npcindia.gov.in) has been developed and hosted on the NPC website. The program brochure was prepared and circulated to various stakeholders, industry partners, and educational institutions. E-learning modules for interns have been developed and hosted on the internship portal by NPC. The interns are required to go through these modules and complete an assessment questionnaire. The internship program combines e-learning with field-level exposure through NPC regional offices and IPL facilities across the country.

Orientation programs for the Amrit Internship Program is conducted at various locations depending upon the convenience of the implementing agency and the interns. These programs are designed to provide interns with guidance on the application process, interacting with farmers, completing questionnaires, accessing e-learning modules, and lectures by experts in agriculture practices, innovative technologies, government programs, and agri-startup and entrepreneurship.

This program aims to equip interns with valuable skills and experiences, making them more employable and promoting entrepreneurial ideas and opportunities. The interns' contributions during the program will provide valuable insights into practical field issues and the local agro-climatic scenario.

Amrit Internship programme for interns from Cuttack district, Odisha

The Amrit interns were identified by IPL. The Orientation Programme was held at ICAR, National Rice Research Institute, Cuttack on 6-7 September, 2022 and the Programme Schedule is attached at **Annex-A**. 50 interns registered for the programme are as per details at **Annex-B**.

The programme was attended by 50 interns and farmers were present in the entire programme. The welcome Speech was delivered by Mr. Baroda Prasad Bhuyan Jr. Sales Officers (Mktg.), IPL Odisha followed by Lighting of Lamp Ceremony by Dr. Rajeev Ranjan, Director ICRO, and Dr. U.S. Teotia , Chief Manager , IPL New Delhi , Mr. Sharad Kumar Tosh - Agriculture Development Officer (ADO), Ms. Monalisha Behra – Assistant Agriculture Officer (AAO), Mr. Sanjeev Chandra Sinha, SRM, IPL Odisha.



Inauguration of Orientation Programme at National Rice Research Institute (NRRI), Cuttack Odisha by Dr. Rajeev Ranjan, IAS Retd., Dr. U S Teotia, Chief Manager, IPL and Scientists from NRRI

Mr. Sanjeev Chandra Sinha, SRM, ODISHA, in his opening address welcomed all the dignitaries on the dais and highlighted the activities being carried out by IPL and the role of ICRO for rural outreach.

Dr. Teotia, Chief Manager, IPL New Delhi spoke on the role of ICRO, Indian Potash Limited & National Productivity Council and explained in detail about the Amrit Internship Programme and he also informed farmer that shakti sugar is takeover by IPL Company, So now IPL will help farmer to grow and earn more profit by harvesting Sugarcane. He asked farmer& interns to go through the sambad Project as its running every week (Video, SMS and OBD) through this they will get an idea for the sugarcane.



Address by Dr. U S Teotia, Chief Manager, IPL during the inaugural session

Dr. Rajeev Ranjan, Director ICRO, New Delhi highlighted the role of ICRO and the recent initiative taken towards rural outreach. He said IPL and NPC have jointly established IPL Centre for Rural Outreach (ICRO) with the involvement and technical expertise of NPC, The first programme launched was the ICRO Amrit Internship Programme. He said that the Amrit Internship Programme is a unique internship programme for youth in the rural areas. Dr. Ranjan said that the handbook released today has been brought out for the convenience of the intern as it gives an overview of the internship programme and steps to be followed to register on the online portal, access e-learning modules and collection of farmers' feedback on the online platform.



Inaugural Address by Dr. Rajeev Ranjan, IAS Retd., Director ICRO at NRRRI, Cuttack, Odisha

Dr Ranjan said that each intern is expected to reach out to 100 farmers during the period of internship. Through this three month internship programme, the intern will be exposed to learning experiences and new skills making them more employable and also promote entrepreneurial ideas and opportunities.

Dr Ranjan further said that the contribution of interns during the period will be valuable and give us firsthand insights to field level practical issues and also the overall local agro-climatic scenario. He explained regarding cropping management in case of sugarcane, role played by Krishi Vigyan Kendras in extension and outreach. He also explained about the Corporate Social responsibility and IPL intervention under CSR. He explained about the Role of Agriculture in GDP India is 5th Largest economic in the world. He talked about importance of nutritional security and the reasons for malnutrition etc.



Amrit Interns participating in Orientation programme at NRRI, Cuttack

Mr. Sarad Kumar Tosh, Agriculture District Officer, Cuttack, Odisha shared the details of Integrated Nutrient Management.

Ms. Monalisha Behra - Assistant Agriculture Officer shared the view on role of macro and micro nutrients in plant. She also asked farmer to focus on quality rather than quantity and detailed the government policy and their focus on rural youth, vocational training etc. She spoke about fertilizer intensive crop – sugarcane and intercropping farming. She also requested IPL to include women interns to promoted women employment.

Mr. Bipin Barik Panda, Scientist, NRRI spoke about how farmers can increase their income, issues/ problems of harvesting, cropping patterns etc. Dr. Rajesh Dash, Chief Statistics & Crop Insurance head of Govt. Odisha & Director of Agriculture explained the use of fertilizer.



Address by Scientist from NRRI, Cuttack during orientation programme at Cuttack

Mr. Avijit Nayak, Deputy Director, NPC and Mr. Alok Kumar, Assistant Director, NPC explained the process of collecting data on google form and moderated the Q & A Session.

Day 2 of the Orientation Programme

Mr. Rajeev Kumar Rout, JSO, IPL Odisha welcomed the gathering which was followed by Lighting of Lamp Ceremony by B.C. Patra, Director NRRI, Dr. Rajeev Ranjan, Director ICRO, and Dr. U.S. Teotia, Chief Manager, IPL New Delhi, Ms. Subhashree Nanda – Assistant Agriculture Officer, Mr. Sanjeev Chandra Sinha , SRM, IPL Odisha.

Dr. Teotia discussed the motive to develop the sugarcane sector and the importance of right source of fertilizer, right dose of fertilizer, right method of application, and right time of application. He further suggested strategies to be adopted for increasing farmer income.

Mr B. C. Patra, Director NRRI explained the reasons for setting up the National rice research institution and steps taken to solve the farmer problem through their various divisions and disciplines.

Dr. A.K. Nayak, Scientist, NRRI share the view on harvesting patterns and optimum usage of fertilizer for farming.

Dr. P.C. Rath, Scientist, Plant Pathology & Agronomy spoke on how to protect the crop from insects, usage of nitrogen. Etc..

Dr. M.J Baigh, Principal Scientist, Bio Chemistry shared idea of agriculture production.

Dr. S. Manath Ray, Scientists, NRRI spoke on rice improvement, land domination, deforestation, usage of nitrogen and surfactants.

Dr. G.A K Kumar, Scientist, NRRI, shared the information which is beneficial for the interns as well as farmer for example- Farmer Production Organisation, Fertilizer Certification, ABI (Agri- Business integrated) for innovation, Training Program etc .

Dr. Teotia discussed the details of “Amrit internship programme” and expectation with interns and farmers.



Dr. U S Teotia, Chief Manager, IPL addressing during concluding session

Live demonstration session for interns on form fills (Questionnaire) with the help of farmers was taken by Mr. Avijit Nayak, Deputy Director & Mr. Alok Kumar, Assistant Director, NPC, Odisha.

Amrit Internship program was successfully conducted with Valedictory by Mr. Alok Kumar, Assistant Director, NPC, Odisha. The programme was well appreciated by all the dignitaries, farmers and interns.



Annex-A

Orientation Programme for Amrit Interns and Farmers Meet on 6th And 7th September, 2022 at NRRI, Cuttack, Odisha Programme

Time and Date	6 th September, 2022
8:00 AM– 10:30 AM	Registration of interns and farmers and Breakfast
10:30 AM – 10:45 AM	Light of Lamp by dignitaries - Dr. Rajeev Ranjan, Director ICRO and other.
10:45 AM - 11:00 AM	Welcome address by Mr. Baroda Prasad Bhuyan, JSO, IPL
11:00 AM -11:15 AM	Role of IPL Centre for Rural Outreach and Amrit Internship Programme By Mr. Sanjeev Chandra Sinha, SRM, IPL
11:15 AM – 12:00 NOON	Address by Dr. U S Teotia , Chief Manager, IPL, New Delhi
12:00 NOON – 12:45 PM	Address by Dr. Rajeev Rajan, Director ICRO, New Delhi
12:45 PM – 1:30 Pm	Role of Fertilizer in Plant by Mr. Sharad Kumar Tosh – Agriculture Development Officer Role of macro and micro nutrients in plant by Ms. Monalisha Behra - Assistant Agriculture Officer, GoO
1:30 PM – 2:15 PM	Lunch
2:30 PM – 3:15 PM	Agronomy by Dr. Bipin Bihari Panda, Agronomy Scientist, NRRI
3:15 PM– 3:45 PM	Balanced Use of Fertilizers by Dr. Rajesh Dash Chief Statistics & Crop Insurance head & Director of Agriculture, GoO.
3:45 PM – 4:15 PM	Tea and Refreshment
4:15PM - 5:00 PM	Q & A Session by Mr. Avijit Nayak, Deputy Director, NPC
7th September, 2022	
8:00 AM – 10:30 AM	Registration of farmers/ participants & Breakfast
10: 30AM -10:45	Light of Lamp by dignitaries - Mr. B.C. Patra - Director, NRRI, Dr. Rajeev Rajan, Director ICRO, New Delhi, Dr. U S Teotia , Chief Manager, IPL New Delhi .
10:45 Am -11: 15Am	Address by Dr. U S Teotia , Chief Manager, IPL New Delhi
11:15 Am – 12:00 Noon	Address by B.C. Patra , Director NRRI - ODISHA
12:00 NOON – 12:30	Address by Mr. Rajeev Rajan , Director ICRO , New Delhi
12:30 PM -1: 15 Pm	Session on methods of sugarcane cultivation by Ms. Subhashree Nanda, Assistant Agriculture Officer
1:30PM – 2: 15 PM	Lunch
2:30 PM -3:00 PM	Session on Plant Pathology by Dr. Srikant Lenka, Scientist, NRRI
2:30 PM -3:30 PM	Session on Methods of sugarcane cultivation by Ms. Subhashree Nanda- Assistant Agriculture officer (Sugarcane).
3:30 PM – 4:00 PM	Session on Ratoon Management by Mr. T- Shailendra - Senior Manager (Cane – Shakti Sugar)
4:00 PM – 4 :30 PM	Tea and Refreshment
4:30 PM– 5:00PM	Hand on Experience for interns on filling the questionnaire and interaction with the farmer – Session moderated by Mr. Avijit Nayak, DD and Mr. Alok Kumar, AD, NPC
5:00 PM – 5:30 PM	Q & A Session and Valedictory / Votes of Thanks by Mr. Avijit Nayak, DD, NPC

LIST OF INTERNS REGISTERED IN THE PROGRAMME
(Sr.No.1 to 24 completed the programme successfully)

S.No	Application ID	Name	Mobile	Address	Email ID
1	20220800135	Sunitya Parija	9337819467	AT-KUAMANGA,PO-GOTHINA,DIST-JAGATSINGHPUR,ODISHA-754132	sagarparija12@gmail.com
2	20220800136	Satyabrata Das	7991030507	At/po - chasikhanda, ps -Biridi, Dist-Jagatsinghpur -754102	satya.das94@gmail.com
3	20220800137	Sakti Ranjan Tripathy	7749096782	at-sadhusaha,po-kalarabanka-754132	Tripathysaktiranj@gmail.com
4	20220800139	Rashmi Ranjan Parida	8249677617	At-Balapur,Po-Bagalpur -754102	rashmiranjan3008@gmail.com
5	20220800140	Priti Ranjan Nayak	8249299695	At/Po-Bagalpur -754102	pritriranjannayak9950@gmail.com
6	20220800141	Sandip Routray	7847873877	AT-CHHEDA PO-ADASPUR DIST-CUTTACK-754011	sandiproutray32@gmail.com
7	20220800143	Manoranjan Sasmal	9398480598	SALIJANGA,REDHUA,JAGATSINGHPUR-754104	sasmal1998@gmail.com
8	20220800145	Sidhartha Shankar Swain	9692095553	Near gopinath temple	swain1058@gmail.com
9	20220800147	Manas Routray	6372515181	AT-CHHEDA PO-ADASPUR DIST-CUTTACK-754011	routraymanas05@gmail.com
10	20220800148	Shibalabha Routray	7077293435	At-barahipur Po- adasपुर Dis-Cuttack-754011	shibalabharoutray@gmail.com
11	20220800150	Sarat Kumar Das	7978967698	Po-Sundargram	saratdada85@gmail.com
12	20220900005	Manoj Kumar Muduli	9040417119	At-manguli Po-Parbatipur PS-Biridi dist-Jagatsinghpur-754111	manojmuduli934@gmail.com
13	20220900006	Bighnesh Senapati	9861765026	At-saleibedpur-3, Post-Adasपुर,bluck -kantapada, Dist-Cuttack -754011	bighneshsenapati96@gmail.com
14	20220900009	Mahima Mohapatra	9937800476	At/Po- Porgadei,P. S- Tirtol,Dist-Jagatsinghpur.-754160	mahimamohapatra2000@gmail.com
15	20220900011	Malaya Ranjan Behera	9348377581	Sanapatasundarpur Po-Badapatasundarpur Kantapada, Cuttack-754018	malayaranjanbehera9348@gmail.com
16	20220900015	Yoshobanta Routray	6370020636	AT-CHHEDA PO-ADASPUR DIST-CUTTACK-754011	yoshobantar@gmail.com
17	20220900016	Sarada Prasad Lenka	9337970658	AT- Hajipur Po- Chasapada via-Kaduapada Dist-Jagatsinghpur-754106	lenkasaradaprasad0@gmail.com
18	20220900017	Pradipta Kumar Barick	8658714256	At- Hazipur ALIAS Chasapada po-chasapada via- kaduapada Dist-jagatsinghpur-754106	barickpradiptakumar1234@gmail.com
19	20220900021	Debasis Behera	9348811775	AT-KUDAPATANA, PO-KANTAPADA, PS-BALIPATANA, DIST-KHORDHA, ODISHA-752103	debasisbehera201@gmail.com
20	20220900023	Sudhirranjanbiswal	6370854052	AT- NUAPALAI, PO- SAEIPUR, DIST- JAGATSINGHPUR, ODISHA-754132	sudhirranjanbiswal74@gmail.com
21	20220900024	Manoranjan Sahoo	9337949764	SALIJANGA,REDHUA,JAGATSINGHPUR-754104	manoranjansahoo440@gmail.com
22	20220900025	Debasis Sahoo	8917699808	AT- ALLPUR,PO- BAIROI, DIST-CUTTACK PIN- 754010, PS- OLATPUR	sahoodebasis645@gmail.com
23	20220900029	Susil Ranjan Das	7377449605	AT/PO- UTTARKUL VIA-TYENDAKURA PS- KISHANNAGAR DIST- CUTTACK-754134	9337382923susilranjan@gmail.com
24	20220900037	Swadeep Routray	6372306731	At -Manguli po- Parbatipur , Dist -Jagatsinghpur	swadeeproutray440@gmail.com

25	20220700017	Ashutosh Behuria	7978591355	S/o:- Guru Charan Behuria, Kundla, Bhadrak, Odisha,756135	ashutoshomtx162@gmail.com
26	20220800134	Trilochan Routray	7381969958	at/po-Sailo jharapada, via/ps-Govindpur dist-Cuttack-754003	kanha9965@gmail.com
27	20220800142	Saumya Ranjan Sasmal	9337541441	At-Murunia Po-Radhang Dist-Jagatsinghpur Odisha-754104	srs.lulu10@gmail.com
28	20220800144	Pradipta Kumar Panda	9337710322	At manguli po parbatipur via biridi road-754111	pradiptaunique1212@gmail.com
29	20220800146	Tutu Moharana	9937766439	At-manguli Po-parbatipur Dist-jagatsinghpur-754111	tutumoharana80@gmail.com
30	20220800149	Sarada Prasad Sinha	7978430964	At-BadajhariloAt-Badajharilo Po-Sundargram Dist+Cuttack-754002	saradasinha33@gmail.com
31	20220800151	Hemanta Kumar Nayak	6371755608	Dist+Cuttack	nayakhemantakumar556@gmail.com
32	20220800152	Shaikh Saheb Alam	7483370520	AT/PO- NUAGAON PS-NIALI DIST-CUTTACK -754004	shaikhsaheb706@gmail.com
33	20220900003	Santosh Kumar Bhoi	9348020208	PURAN-754102	sb3378003@gmail.com
34	20220900004	Balaram Behera	9668590594	AT-PARIDAPATANA, PO-KANTAPADA, PS-BALIPATANA, DIST-KHORDHA, ODISHA-752103	balarambehera9668@gmail.com
35	20220900008	Suryakanta Sahoo	7608923377	At-TAILA PO-MADHAB PS-NIALI DIST-CUTTACK ST-ODISHA-754004	ssuryakanta885@gmail.com
36	20220900012	Chandrakanta Sahoo	7873796522	AT/PO-BHAKARSAHI VIA-BANAMALIPUR PS-BALIPATANA PIN-752103 DIST-KHURDHA-752103	Chandrakantasahoo555@gmail.com
37	20220900013	Debasis Sahoo	9776235721	At-Bhakarsahi,Banamalipur, Khurda,752103,Odisha	krishna01event@gmail.com
38	20220900014	Rasmiranjan Nayak	9078570149	At-puinchanda/po-kasarda/dist-cuttack pin-754105	rasmiranjann916@gmail.com
39	20220900019	Ratikant Mohanty	6371588151	At-Baghua. Po-Kantapada, Dist-Cuttack-754002	ratikantmohanty45@gmail.com
40	20220900020	Surya Kanta Rout	8458027064	At-korakara, po-Raghunathpur, dist-jagatsinghpur, odisha-754132	suryakantarout687@gmail.com
41	20220900026	Sukadeba Behera	9348522406	AT-THORIAPADA, PO-SOMPUR, PS-KISHANNAGAR, DIST-CUTTACK	sukubehera03@gmail.com
42	20220900027	Rakesh Kumar Sahoo	9114324831	AT-THORIAPADA,DIST-CUTTACK,PS-KISHORENAGAR,PO-SOMPUR-754130	rakeshsahoo10088@gmail.com
43	20220900028	Ananda Behera	8908241039	AT/PO-BODHAPUR,PS-KISHANNAGAR, DIST-CUTTACK-754130	abanand566@gmail.com
44	20220900022	Rajesh Roshan Swain	7008318519	AT- CHITALPUR, PO-SUNDARGRAM, DIST- CUTTACK, PS- OLATPUR, PIN- 754002	rajeshswain122@gmail.com
45	20220900030	Kalinga Keshari Patra	8144788240	AT/ PO - Bhanaragarh, PS - Balipatna, DIST - Khordha, Odisha - 752103	likupatra1992b@gmail.com
46	20220900032	Bidyabhusan Swain	9861015049	At-Salijanga, Po-Redhua, Via-Naliber Dist-Jagatsinghpur	bidyabhusan.swain@gmail.com
47	20220900033	Lokanath Sahoo	9348017730	AT/PO-BHAKARSAHI VIA-BANAMALIPUR PS-BALIPATANA PIN-752103 DIST-KHURDHA-752103	lokanathsahoo9494@gmail.com
48	20220900036	Sagar Sahoo	9583703926	AT/PO- KANTAPADA, DIST-CUTTACK, PS- OLATPUR, PIN- 754002	sahoosagar158@gmail.com
49	20221000001	Deepak Senapati	9090226151	AT-ISANIBERHAMPUR, PO-KHENTALO, DIST-CUTTACK	deepaksenapati507@gmail.com

Note: One intern registered offline and did not continue in the programme.