IDP- OUAT : Branding the University for Excellence and Equity in Agricultural Education to Produce Skilled Graduates for Enhanced Employability and Entrepreneurship

Experience & Learning from International Exposure

NAHEP

Institutional Development Plan (IDP)
(Sub-Component 1 A)
National Agricultural Higher Education Project (NAHEP)

भाकृअनुप
ICAR

Supported by: ICAR, New Delhi & World Bank

Odisha University of Agriculture and Technology
Bhubaneswar- 751003

Publication Details

Printed	March, 2022
Citation	Experience & Learning from International Exposure Under IDP- NAHEP, OUAT, Bhubaneswar
Edited and Compiled by	Dr. R. C. Dash, Principal Investigator Dr. P. C. Mishra, Associate Coordinator Mr. Ranjit Kumar Sahoo, Consultant, IDP-NAHEP, OUAT
Associated by	Dr. C.S.K. Mishra, Nodal Officer, ESP Dr. J. Padhi, Nodal Officer, EAP Dr. Devraj Lenka, Nodal Officer, College of Agriculture, Bhubaneswar Dr. Sanat Mishra, Nodal Officer, PME Dr. Jayakrushna Das, Nodal Officer, CVSc. & AH, Bhubaneswar Dr. S. K. Raul, Nodal Officer, College of Agril. Engg. & Technology, BBSR Dr. S.K. Patra, Nodal Officer, College of Fisheries, Rangeilunda Dr. Uttam Kumar Behera, Nodal Officer, College of Agriculture, Bhawanipatna Dr. Pragnyashree Mishra, Nodal Officer, College of Horticulture, Chiplima Mrs. P. Satpathy, Nodal Officer, College of Agriculture, Chiplima Mr. Basanta Kumar Samal, SRF, College of Agriculture, Bhubaneswar
Published by	Principal Investigator IDP-OUAT, Bhubaneswar
Email	pinahepouat@gmail.com
website	www.ouat.nic.in
Copyright	IDP- OUAT, Bhubaneswar

Dr. P. K. Agrawal
VICE CHANCELLOR

ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
BHUBANESWAR-751003, ODISHA

Dated the 08 April, 2022

MESSAGE

Agricultural Education plays an important role in generation of technical manpower in agriculture and allied areas. National Agricultural Higher Education Project (NAHEP) is supporting the Agricultural Universities for strengthening higher agricultural education system. With the support from NAHEP, 24 under-graduate students of OUAT have visited globally reputed Universities / Institutes for International exposure. This is perhaps the maiden effort by any University of the state to send under-graduate students for such training. I am glad to know that the learning experiences of the visiting students have been documented in a publication entitled "Experience & Learning from International Exposure".

I wish the publication all success.

Signed 8.4.22

(P. K. Agrawal)

Tel : (0674)2397700 (O), 2561606 (R) FAX : 0674-2397780 Email: vcouat@gmail.com, vc@ouat.nic.in

Dr. R. K. Paikaray
Dean, PGF-cum-DRI

FOREWORD

Odisha University of Agriculture & Technology (OUAT), awarded Institutional Development Plan (IDP), under National Agricultural Higher Education Project (NAHEP) with financial support from Indian Council of Agricultural Research (ICAR) and World Bank (WB) in 2018-19 with an aim to branding the University for excellence and equity in agricultural education producing skilled graduates of enhanced employability and entrepreneurship. Under IDP, the OUAT is in the process to make provision for education of the youth of the state in agriculture and allied disciplines, promoting advancement of research and teaching to generate appropriate need based technology, undertake extension education programme for effect transfer of generated technological knowhow and providing ample scope to accommodate future needs human resources of the state in the fields of agriculture and allied disciplines.

To provide a global agricultural prospective to the UG students, under IDP Project OUAT has proposed international exposure for 75 UG students and 24 students undergone international exposure and shared their experience and learning.

This book is a compiled document of experience and learning of gained from the international exposure, hope this book will motivate other students for agricultural study and research. The initiative for bringing this book by Principal Investigator, IDP is highly appreciated. The support provided by all Nodal officers, Consultant and Senior Research Fellows is duly acknowledged.

(R. K. Paikaray)

Dr. R.C. Dash
Principal Investigator

PREFACE

Indian Council of Agricultural Research (ICAR) commenced National Agricultural Higher Education Project (NAHEP) with the assistance of World Bank (WB) in November 2017 with an overall objective to support participating Agricultural Universities (AUs) and ICAR in providing more relevant and higher quality education to the students. NAHEP is designed to strengthen the National Agricultural Education System in India and endeavours increased agricultural productivity and support quality improvements in higher education to create a more skilled workforce that continuously improves the quality and productivity of key sectors, including agriculture. There are four components under NAHEP, namely, Institutional Development Plan (IDP), Centres for Advanced Agricultural Sciences and Technology (CAAST), ICAR to Support Excellence in Agricultural Universities (AUs), and ICAR Innovation Grants to AUs.

Odisha University of Agriculture & Technology(OUAT) has been implementing IDP under component 1(a) with the key objective "create a student centric learning system for producing academically excellent graduates, ready for entrepreneurship, industry and public service, enhance faculty competence meeting the current and future needs of agricultural education and research and make academic governance more efficient, responsive and adaptable which would be a template inspiring others to emulate". With this objective, IDP-OUAT has been sponsoring many activities for enhancing learning outcomes through academic and infrastructure development, and effectiveness with emphasis on industry- academia linkages, creating better employment and entrepreneurship opportunities by coordinating development of teaching, research and extension on emerging areas of agriculture and allied sector. International exposure for the students is one of the major activities under this project which will help to produce quality graduates and IDP-OUAT proposed 75 students for international exposure. I am happy to share that, till date, 24 students from four partnering colleges have successfully completed international exposure and another batch of 18 students will be leaving for such training shortly. International exposure under IDP-OUAT have played a pivotal role in enhancing the learning outcomes of OUAT students. Through such trainings, OUAT has been making directional efforts to make students future ready while improving learning outcomes, securing effective job placements and collaborations, and ultimately improving the quality and relevance of agricultural higher education in India.

The book "Experience & Learning from International Exposure" is based on the experience and learnings shared by the students undergone international trainings. Hope this book will help to disseminate the learning and experience among the fellow students and develop a healthy competition among them.

The support, guidance and motivation provided by Hon'ble Vice-Chancellor to the project has been instrumental to the entire project team in effective implementation and achieving the target. I, thank Dean, PGF-cum-DRI & Controlling Officer, IDP for his support and encouragement to the IDP team. The Project staff and Consultant deserve the special appreciation for their support.

(R. C. Dash)

Send off Programs of International Training

Dr. Arun Ku. Sahoo, Hon'ble Minister of Agril. & FE, Govt. of Odisha, Dr. P.K. Agrawal, Hon'ble Vice-Chancellor & Other dignitaries during send off programme of B.Tech (Agril. Engg) students to IRRI, Phillippines

Dr. P.K. Agrawal, Hon'ble Vice-Chancellor, Dr. R. C. Dash, P.I., I.D.P. & other dignitaries during send off programme of B.Sc. (Ag.) students to University of Nebraska, Lincoln, USA

Dr. P.K. Agrawal, Hon'ble Vice-Chancellor, Dr. R. C. Dash, P.I., I.D.P. & other Dignitaries during send off programme of B.V. Sc. & A.H. & B.F.Sc. students to UNL, USA & AIT, Bangkok

Students During International Training at Foreign Universities

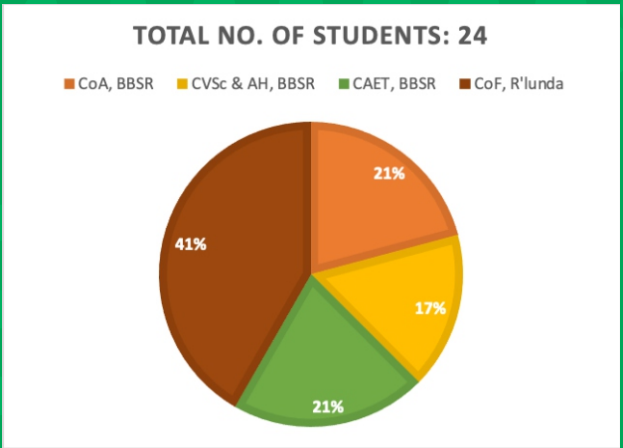
Agril. Students interacting with Mr. Kelly Bruns, District Director, UNL, North Platte

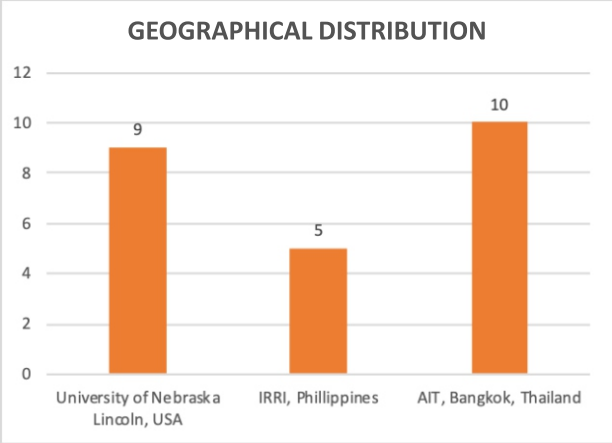
Veterinary Students with the officials of UNL, USA

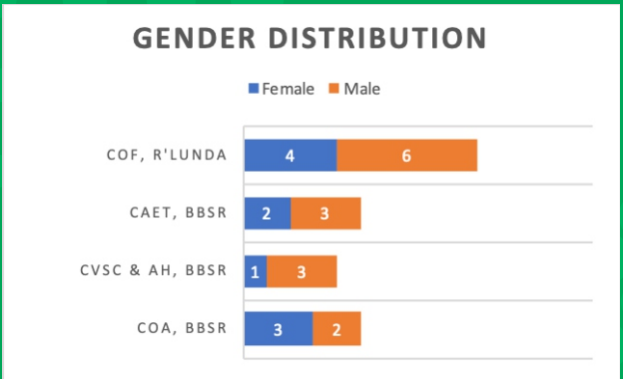
Fishery Students at AIT, Bangkok

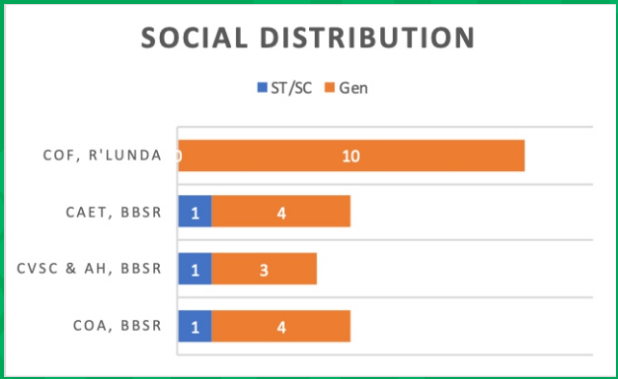
Industrial visit of Agril. Engg. students at Philippines

Executive Summary









Ankita Mohapatra

College	:	College of Agriculture, Bhubaneswar
Academic Year	:	2016-2020
Visiting University/ Institute	:	University of Nebraska Lincoln, USA
Training Period	:	09/ 02/ 2020 to 30/ 05/ 2020
Thematic area	:	Effects of compaction on soil nitrogen dynamics under different moisture regimes and in different soil types

I had the opportunity to work at the Panhandle Research and Extension Center (PHREC), UNL, Scottsbluff, under the guidance of Dr. Bijesh Mahajan and Dr. Dipak Santra and the supervision of Dr. Saurav Das and Dr. Dinesh Pandey. The goal of our research project was to evaluate the effects of variable soil compaction on N-dynamics under dry and wet weather in a simulation study using two different soil systems. During the entire course of training, I managed to learn how to adapt theoretical knowledge into a hands-on experience, write a research paper and instill professionalism.

The meeting with the Ex-Director of PHREC, Dr. Jack Whittier, and his wife, Robynn, exemplified the cordiality and richness of American culture.

The learning from my training exposure has influenced me in various ways. It motivated me to pursue higher education in the field of agriculture and to help people in solving soil-related problems in my area. Besides, it has also broadened my perspective in day-to-day decision-making, improved my presentation, communication, and interpersonal skills, and allowed me to work in a multicultural and multifunctional team environment.

Mitali Kumbhakar

College	:	College of Agriculture, Bhubaneswar
Academic Year	:	2016-2020
Visiting University/ Institute	:	University of Nebraska Lincoln, USA
Training Period	:	09/ 02/2020 to 30/ 05/ 2020
Thematic Area	:	Screening for salinity tolerance in proso millet germplasm

"I have learned many valuable things from this international training both professionally and socially as well. Professionally, I was assigned to do some research about the response of PROSOMILLET (Panicum miliaceum) to salinity conditions. I have learned all the procedures related to this research like starting from seed threshing, preparation of petri plates, putting seeds in petri plates, setting favorable conditions in the incubator for germination, and how to take results and analyze these results.

Yes, this four-month training program has had a great impact on my present professional and social life. Professionally I can analyze and compare the conditions of farmers of USA and India. I'm able to think about how the problems could be solved in near future and how the yield from the crops would be increased. In arid regions, most of the soil is saline, so we can think about the salinity tolerant Proso millets and other millets which are rich in nutrients and healthy. I am very thankful to IDP, OUAT and all the persons associated with this project to make this project successful."

S. Karubakee

College	:	College of Agriculture, Bhubaneswar
Academic Year	:	2016-2020
Visiting University/ Institute	:	University of Nebraska Lincoln, USA
Training Period	:	09/ 02/2020 to 30/ 05/ 2020
Thematic Area	:	Effects of compaction on soil nitrogen dynamics under different moisture regimes and in different soil types

"It was a very good learning experience for me. Major expectations from international training included the learning climate in the university i.e., learning approaches, exposure to different fields, practical exposure, technical guidance, and learning. I was able to work more efficiently because there was effort put on by my team members and my supervisor as well. I saw that flexibility in official time motivates people to give more output. They are very flexible at the workplace and believe in freedom with responsibility. I could feel there has been a drastic improvement in my presentation and technical skills. I had got opportunity to interact with people from different backgrounds and learn how to work in a team. I was motivated to go for higher studies. Now, I am pursuing my master's degree, and hope my work should bring glory to farmer's life. My exposure to the research line and lab work has highly influenced my interest in academics."

Pandab Sabar

College	:	College of Agriculture, Bhubaneswar
Academic Year	:	2016-2020
Visiting University/ Institute	:	University of Nebraska Lincoln, USA
Training Period	:	09/ 02/2020 to 30/ 05/ 2020
Thematic Area	:	Screening for salinity tolerance in proso millet germplasm

"I am very much thankful to OUAT and particularly IDP- NAHEP to provide me this opportunity. That was a wonderful experience for me & learnt research methodology and writing process for the international journal, Learned and experienced different aspects of Agricultural Science i.e. legal, technical, processing, entrepreneurship, research & innovation. Shared my key thoughts and learning with renowned scientists & other international scholars coming from all over the world. Impressive work culture and discipline, and entrepreneurship skills.

Research and training program will boost my professionalism, apart from that several other key learnings from international exposure like punctuality, time management, innovativeness, and entrepreneurship skill will also help me to grow my career aspects. The work culture and scientific approach of students, scientists, and others impressed me to adopt their practice."

Biswajeet Pradhan

College	:	College of Agriculture, Bhubaneswar
Academic Year	:	2016-2020
Visiting University/ Institute	:	University of Nebraska Lincoln, USA
Training Period	:	09/ 02/2020 to 30/ 05/ 2020
Thematic Area	:	Screening for salinity tolerance in roso millet germplasm

"To visit any foreign country is always a good feeling. The same was inculcated in my mind when I was selected for the International Training program. I sought to learn the good vibes and virtues from the developed country.

Due to the program, I was able to brush up my several skills both professionally and socially. Professionally, I was indulged in several research projects. Our main project was to select the varieties of Proso millet (Panicum miliaceum) based on their ability to resist salinity and drought conditions. I also received several entrepreneurial skills in association with big agro-industries of the USA viz. Western Farm Seeds, Western Sugar Factory, Ward Soil Testing Laboratory, Grain Place Organic Food, etc. Socially, I was able to understand the family structure and social hierarchy present there.

Taking reference from the training program, I can say that this program was related not only to academics or mere research work but also to several dynamic aspects. We the five agriculture students got in touch with other Indian students present there. Our coordinator Dr. Dipak Santra was very cooperative and was our go-to man in case of any problem. The major backbone behind the successful completion of the program was OUAT and its administration, starting from Vice-Chancellor to PI-NAHEP, Dean COA, and other associated officers.

We all will remember those four months we spent together in the foreign country acquiring knowledge in several fields. All good thing comes to an end. Similarly, the trip ended but the memories we collected will be cherished forever."

Dr. Gaurav Dutta

College	:	College of Veterinary Science & Animal Husbandry, Bhubaneswar
Academic Year	:	2015-2020
Visiting University/ Institute	:	University of Nebraska Lincoln, USA
Training Period	:	01/ 03/ 2020 to 30/ 05/ 2020
Thematic Area	:	Advance tools for disease diagnosis in livestock & poultry and commercial farming

"Traveling abroad and that too the U.S was once in a lifetime dream and experience for me. We all have been well aware of the U.S being the pioneer in research developments and technology interventions for several decades.

Exposure to large-scale feedlots, ranches, rearing farms, heifer development farms, and veterinary clinics was a great testament to meaningful experiences. One-to-one interactions with well-established global scientists, professors, vets, livestock owners gave an astounding leak to the world full of explorations and new opportunities. Socially meeting people from different countries, learning their cultures and work ethics helped me grow as a person is being open to everything.

From the day I arrived there I was amazed by the scope for a research scholar in animal science/veterinary science and how much big the livestock industry is. I would be forever grateful for this opportunity and thankful to each and everyone involved in this training program for making it a successful one."

Dr. Priyanka Priyambada Priyadarsini

College	:	College of Veterinary Science & Animal Husbandry, Bhubaneswar
Academic Year	:	2015-2020
Visiting University/ Institute	:	University of Nebraska Lincoln, USA
Training Period	:	01/ 03/ 2020 to 30/ 05/ 2020
Thematic Area	:	Advance tools for disease diagnosis in livestock & poultry and commercial farming

"This program has given us immense knowledge and experiences to improve our skills and personality. The classroom teaching made us learn about different theoretical portions and improved our knowledge. The exposure visits to different firms gave us joy and experience where we have witnessed many new and modern techniques. I am very much thankful to my university for letting me experience this.

We have learned several things from the program both professionally and socially such as, we have visited different farms like dairy farms, beef cattle farms, heifers development farms, ranches, fodder farms, and hospitals, where we learnt about the farm practices and different modern techniques. We have witnessed the robot milking system (which is still not introduced in India), sheep shearing, several technologies that we have only read like ultrasonography of mares (female horse) to detect estrous, instruments for semen collection etc. We have also witnessed the beef cattle breeds and exotic sheep breeds (merino) etc and we have been explained about fodder production, feed storage, estrous synchronization techniques etc. by excellent facilities.

The farm practices, fodder management, we can apply in our field but there is a limitation to applying everything in Indian conditions. Maybe after 20-30 years we can get an opportunity or can create some. And I am very much thankful to my university for letting me experience this."

Dr. Rudra Narayan Babu

College	:	College of Veterinary Science & Animal Husbandry, Bhubaneswar
Academic Year	:	2015-2020
Visiting University/ Institute	:	University of Nebraska Lincoln, USA
Training Period	:	01/ 03/ 2020 to 30/ 05/ 2020
Thematic Area	:	Advance tools for disease diagnosis in livestock & poultry and commercial farming

"This foreign exposure & internship training program boosted up my professional life & career. We four consider ourselves lucky enough to gain this opportunity because for the first time our University made arrangement for students to have foreign exposure through IDP-NAHEP. This training added limelight to our CV & helped us to bag knowledge regarding various practices of veterinary & animal sciences in different parts of Scottsbluff. Also having exposure to the different farms boosted up our entrepreneurial skills. We gained confidence in interacting with people of various cultures & lifestyles. Also having some contacts with the delegates of Nebraska would help us make our tracks set for future exposures.

We got entrepreneurial exposure at the robot dairy of Brett Beavers where we gathered lots of facts regarding the development and modernization of the dairy sector in Nebraska which can be implemented here in the future. We also got some entrepreneurship training in the West Central North Platte institute where we got to know about the Grow Safe method of feeding cattle (A kind of modern European technique). Professionally, we got a charming exposure to animal sciences & managemental practices which are beneficial for us."

Dr. Saswata Suraj Swain

College	:	College of Veterinary Science & Animal Husbandry, Bhubaneswar
Academic Year	:	2015-2020
Visiting University/ Institute	:	University of Nebraska Lincoln, USA
Training Period	:	01/ 03/ 2020 to 30/ 05/ 2020
Thematic Area	:	Advance tools for disease diagnosis in livestock & poultry and commercial farming

"The training made me familiar with the US cattle industry, poultry industry, feed preparation strategies, animal management practices in farms, implementation of robotics in farming, and some technical aspects of equine health management. Because of COVID restrictions, we couldn't have many social interactions but one thing that inspired me a lot was the personal and professional relationship among the working personnel of Panhandle Research Center; everyone starting from the janitor to the director was getting admired for their job irrespective of the hierarchy in position.

During the training program, we had some offline and many online theory classes which are helping me in my academics. The technical know-how that we obtained in the exposure visits is helping me to some extent in my postgraduate program. I'm thinking of setting up a farm in the next 5-10 years where I can implement the new technologies that I learned from the training program to improve productivity simultaneously cutting down the price of production."

Subhashree Jethy

College	:	College of Agricultural Engineering & Technology, Bhubaneswar
Academic Year	:	2017-2021
Visiting University/ Institute	:	IRRI, Philippines
Training Period	:	14/ 10/ 2020 to 25/ 10/ 2020
Thematic Area	:	Rice- Post production to marketing

"International training helped me develop brief knowledge about the training subject: Production Technologies, Post-Production Technologies such as Storage & Processing Technology, Material Handling, By-Product Utilization & Waste Product Management, and Business plan & Marketing Techniques. Practical exposure in the mills; laboratory learning; visiting commercial industries widen the prospects of agriculture and its allied sectors and helped me in my academics.

Rice Knowledge Bank Resources: A digital extension service that provides practical knowledge about rice cultivation to small-scale farmers in developing countries.

Rice Doctor: A diagnostic tool that helps to identify problems in crops and provide solutions to manage them.

Crop Manager: A computer and mobile-based application that provides advice on crop management to farmers based on the area, soil condition, climatic conditions, etc.

IRRI Milling Quality Kit: A small, handy, mobile kit that helps us to make better decisions in post-harvest management and grain quality assessment.

Solar Bubble Dryer: A latest, low-cost drying technology developed by IRRI and GRAIN Pro for drying paddy. It is mobile and runs with solar energy."

Sreyashree Pattnaik

College	:	College of Agricultural Engineering & Technology, Bhubaneswar
Academic Year	:	2017-2021
Visiting University/ Institute	:	IRRI, Philippines
Training Period	:	14/ 10/ 2020 to 25/ 10/ 2020
Thematic Area	:	Rice- Post production to marketing

"This exposure at an international organization in a foreign land is beyond any training program. I experience lots of new things and this enriches my thought process, personality and gives me a strong motivation to learn more things practically which can help me in my professional career. Meeting different people and dealing with them gives me courage and immense confidence. I admire their friendly culture and their professionalism. The way they resolve our doubts and give us relevant examples for our better learning is commendable. I can say those 15 days were probably the best time I spent in my life to date. That gives me a strong motivation and courage to face the world sincerely.

Brief knowledge about the different training subjects like the Post-Production Technologies such as Storage & Processing technology, Material Handling, By-Product Utilization & Waste Product Management, and Business Plan & Marketing Techniques. Practical exposure in the rice mills; laboratory learning; visiting commercial industries widen the prospects of agriculture and its allied sectors and helped me in my academics. By this training session, we learned how to deal with our seniors in the work field; though we were students at that time and had no professional work experience."

Satyabrata Das

College	:	College of Agricultural Engineering & Technology, Bhubaneswar
Academic Year	:	2017-2021
Visiting University/ Institute	:	IRRI, Philippines
Training Period	:	14/ 10/ 2020 to 25/ 10/ 2020
Thematic Area	:	Rice- Post production to marketing

"It was a very practical training that boost my knowledge about Rice post-production. We learned about various rice knowledge banks, milling quality kits for the very first time. We also work with various post-production of rice tools like a combine harvester, mechanical driers, solar bubble drier, etc. We also got experience with different storage types for rice after harvesting. We visited two reputed institutes in Philippines i.e. PhilMech & GrainPro under field visit and interacted with their scientists.

This training has added a remarkable point to my CV and helped me to acquire a deep knowledge of rice post-production which will be helpful in my professional and personal life in the future. Also having exposure to such an International organization and interaction with the great scientist of the field boosted my knowledge as well as confidence in the field. Meeting, interacting, and working with other country people gives me immense pleasure and confidence. One thing which I learned from the people of Philippines is their discipline and time management in professional and personal life which encouraged me. I also interact with the local people to know about their culture and language. They are so much friendly and helpful that within these training days they helped me to learn their language. Also traveling abroad for the very first time without any mentor had helped me to increase my self-confidence in life."

Siddhartha Shankar Das

College	:	College of Agricultural Engineering & Technology, Bhubaneswar
Academic Year	:	2017-2021
Visiting University/ Institute	:	IRRI, Philippines
Training Period	:	14/ 10/ 2020 to 25/ 10/ 2020
Thematic Area	:	Rice- Post production to marketing

"It was a wonderful training program, I learned many subjects like Production Technologies, Post-Production Technologies such as Storage & Processing Technology, Material Handling, By-Product Utilization & Waste Product Management, and Business Plan & Marketing Techniques. Practical exposure in the mills; laboratory learning; visiting commercial industries widen the prospects of agriculture and its allied sectors and helped me in my academics. This trip instilled immense confidence as well as the habit of time management in us. Exposure to rich Philippine culture helped us widen our scope of seeing the world.

Exposure to an International Organization was far more fruitful than the academic dimensions of the trip. It created scope to meet different people and know their culture, habit, ethics, and study their agricultural practices and technologies. I am grateful to OUAT for providing this opportunity to me to enrich my knowledge."

Ansuman Paikray

College	:	College of Agricultural Engineering & Technology, Bhubaneswar
Academic Year	:	2017-2021
Visiting University/ Institute	:	IRRI, Philippines
Training Period	:	14/ 10/ 2020 to 25/ 10/ 2020
Thematic Area	:	Rice- Post production to marketing

"International exposure at IRRI, Philippines organized by IDP-NAHEP was the highlight of our undergraduate career. This exposure program helps us both academically as well as professionally and widens our prospects towards the Technological world of agriculture.

Though our exposure program period reduced considerably, we got some serious real farmer-like experience in this limited period of training. We got introduced to some of the advanced post-production technologies and exposure to different laboratories and workshops was simply amazing. We also got a huge opportunity to visit a private company which is one of the leading manufacturers of agro-processing equipment and learn so much about the commercialization.

Besides the training, sightseeing and shopping in the World's 2nd largest mall were memorable and enjoyable moments of the training program."

G. Deepak Reddy

College	:	College of Fisheries, Rangeilunda
Academic Year	:	2016-2020
Visiting University/ Institute	:	AIT, Bangkok, Thailand
Training Period	:	01/ 03/ 2020 to 17/ 06/ 2020
Thematic Area	:	Water quality and aquatic animal health management

"The major expectation from the international exposure is to gain sound knowledge and practical skills in the different technologies and farming systems adopted for fish farming. Despite this, our main expectation was to develop entrepreneurial skills and attitudes.

International exposure gave us practical skill and experience on different intensive fish farming systems like Recirculatory Aquaculture System, Intensive Bio-floc System, In-pond Raceway System and Aquaponics System, Breeding and seed production of Aquatic Chicken (Tilapia), Breeding and seed production of catfish, culture of seabass, Pangasius and shrimp. Practical sessions are conducted on entrepreneur skill development.

International training helped me a lot in my professional development. It strengthened my core subject of interest i.e. Aquaculture by understanding it practically which not only clears my concept but also developed a sound practical skill. Different advanced feed formulation methods and advanced software in the field of nutrition and feed technology helped me to become strong in the field of feed manufacturing. In the future, I planned for installing a feed manufacturing unit and make cost-effective low-cost feed so that farmers are more benefited. Field exposure to different farms and hatcheries in Thailand inspired me a lot to become an entrepreneur."

Itishree Das

College	:	College of Fisheries, Rangeilunda
Academic Year	:	2016-2020
Visiting University/ Institute	:	AIT, Bangkok, Thailand
Training Period	:	01/ 03/ 2020 to 17/ 06/ 2020
Thematic Area	:	Water quality and aquatic animal health management

"International training is a platform where we get a chance for more exposure. This four-month internship at the Asian Institute of Technology, Bangkok, Thailand, was a once-in-a-lifetime opportunity. I learned about fisheries and aquaculture operations on a worldwide scale. I was able to examine and compare productivity, resource management, fish nutrition, and postharvest technologies in Indian fisheries and aquaculture.

During my internship, I worked on an Aquaponic cum Tilapia hatching system with the potential to boost productivity and decrease nutritional insecurity. This method would help the people of Thailand to culture Tilapia in their kitchen garden. I also learned about research methodologies, statistical data analysis, and specific aspects of the seafood industry, a potential area for India's rising economy.

This training program not only enhanced my professional skills but also improved my social skills. I truly loved connecting with folks from different nations and sharing customs. The information I obtained from this program is presently giving me an advantage in my research work, and it has contributed significantly to my practical experience."

Mrutyunjaya Ghadai

College	:	College of Fisheries, Rangeilunda
Academic Year	:	2016-2020
Visiting University/ Institute	:	AIT, Bangkok, Thailand
Training Period	:	01/ 03/ 2020 to 17/ 06/ 2020
Thematic Area	:	Aquatic nutrition and feed technology

"I am sharing this with my heart full of joy and excitement that I got to be a part of this international training program. This is the first time I stepped on the campus of a foreign university and saw foreign people interacting with us in reality that to the outside tv screen, it's like dream come true situation for me.

I expected to get a detailed idea about the normal fish culture practices that people are following in Thailand and how they are different from India, to take knowledge on fisheries of Thailand and the seafood market there, and to make the best use of this opportunity to borrow knowledge from world's some of best faculties out there in AIT.

We gathered ample of information about tilapia culture in Thailand accompanied by four major field trips arranged by our mentor Dr. Ram C. Bhujel. Moreover, in one of our field trips we got a chance to work with some Thailand farmers in harvesting the tilapia eggs which is a very hands-on thing and knowledgeful at the same time. The extensive lectures on tilapia culture, aquaponics, and Thailand seafood market by Ram C Bhujel sir helped us in sharpening our knowledge. The best part is we got a chance to make a self-made aquaponics system integrated with a glass jar tilapia hatchery and a RAS (recirculatory aquaculture system). The different tasks assigned by Ram sir helped me to improve my writing skills and communication skills.

So, overall this training program is a great initiative taken by IDP-NAHEP which is going to help many more students like me in the coming years. Lastly, I would like to thank IDP -NAHEP and College of Fisheries, OUAT for giving me the opportunity to be a part of this training program."

Adyasha Sahu

College : College of Fisheries, Rangeilunda
Academic Year : 2016-2020
Visiting University/ Institute : AIT, Bangkok, Thailand
Training Period : 01/ 03/ 2020 to 17/ 06/ 2020
Thematic Area : Tilapia Aquaculture

"This International training program was brought a golden opportunity for me to learn innovative ideas, practical knowledge, and exposure to various farms in Thailand for understanding their farming practices. We started learning on Introduction and overview of fisheries and Aquaculture development, followed by Commercial Tilapia hatchery, Tilapia grow out Techniques, Fish feed formulation exercise and feed making practical, Fish feed quality control (sampling and laboratory analysis), Seafood business management, Nutrition and feed making, Asian sea bass farming, Recirculatory Aquaculture system (RAS), Aquaponics systems – Design and operation, Catfish and Pangasius breeding. The farm visits helped me a lot to know their farming practices and their ideas about entrepreneurship. Especially, the egg collection from the mouth of tilapia was an amazing practical experience for me which we had held in one of the farm visits. It helped me to clear the concepts behind the field of fisheries aquaculture farming and business management.

The internship program became successful because of Dr. R C Bhujel. I will always be grateful before IDP- NAHEP, and OUAT for this golden opportunity"

Omkar Patra

College	:	College of Fisheries, Rangeilunda
Academic Year	:	2016-2020
Visiting University/ Institute	:	AIT, Bangkok, Thailand
Training Period	:	01/ 03/ 2020 to 17/ 06/ 2020
Thematic Area	:	Genetics and Biotechnology in Aquaculture

"Major expectations include overall idea and exposure to different types of fisheries activities that are going on in foreign countries with major criteria based on culture (Aquaculture, Nutrition and Health Management) and fisheries (Fisheries resource management, harvest, and post-harvest technology, etc.)

Professionally it was an eye-opener training for me, where I got direct interaction with our mentor Dr. Ram C Bhujel, and enhanced knowledge about different aquaculture practices with statistical observation with some hands-on training on the nutritional aspect as well as aquaponics system integrated with tilapia hatchery operation (Plastic jar Hatchery). Seafood business study is also a new aspect of fisheries which I learned.

Professionally it is useful for me to do work efficiently both on-site and lab premises with better handling practices. Regarding data analysis, it is a great experience on data entry, manipulation, mining with statistical analysis.

Major learnings from the visit are Culture practices, Data analysis, Hatchery operation, Egg collection, Aquaculture methods, Statistical Methods, Seafood Business, Aquatic animal health management, big data survey, live food organisms and lab works on nutritional biochemistry.

It was a wonderful experience for me and I will always be grateful and thankful before IDP-NAHEP and OUAT for giving me this golden opportunity."

Swagatika Sahoo

College	:	College of Fisheries, Rangeilunda
Academic Year	:	2016-2020
Visiting University/ Institute	:	AIT, Bangkok, Thailand
Training Period	:	01/ 03/ 2020 to 17/ 06/ 2020
Thematic Area	:	Water Quality and Aquatic Animal Health Management

"These three months' internship at the Asian Institute of Technology, Bangkok, Thailand was an incredible experience for me. I gained knowledge on the activities related to fisheries and aquaculture from a global perspective and could able to analyze and compare the production, resource management, fish nutrition, and postharvest technologies in Indian fisheries and aquaculture. During the internship period, I worked on an innovative plan i.e. Aquaponic cum Tilapia hatchery system which has the potential to increase production and reduce nutritional insecurity. I also learned about the research procedures, data analysis using statistical methods as well as some aspects of the seafood business, which is a promising sector for the growing Indian economy. This training program not only helped me to become a better professional but also improved me socially as a person. I enjoyed meeting with people from different countries and sharing cultures. The knowledge that I have gained from this program is currently giving me an edge in my research work and it contributed a lot to my hands-on experience. I want to say thanks to the IDP- OUAT, NAHEP- ICAR and World Bank for creating this opportunity for UG students."

Preetysh Nanda Patnaik

College	:	College of Fisheries, Rangeilunda
Academic Year	:	2016-2020
Visiting University/ Institute	:	AIT, Bangkok, Thailand
Training Period	:	01/ 03/ 2020 to 17/ 06/ 2020
Thematic Area	:	Tilapia Aquaculture

"Training at AIT, Bangkok, Thailand has been an excellent and rewarding experience. There had been a lot of concepts that were learned during the internship. Starting with the fieldwork experience of setting up the hatchery combined Aquaponic system, maintaining the Tilapia broodstock to all the theory classes attended; the exposure and experience was a one-time opportunity. The classes attended included various topics such as Seafood Business Management, Aquaponics, Statistics, Tilapia Hatchery, and Grow-out Management, along with these main topics we had lectures about various species such as Catfish, Shrimp, Pangasius, etc. We also learned about Intensive farming practices such as RAS, Aqua-mimicry, Biofloc, IPRS.

Along with the classwork, we also had various Field visit activities to popular farms of Thailand, to learn their culture and management practices. We had some practical exposure at Sena farms, one of the popular Tilapia seed farms of Thailand, where we learned Egg collection from the mouth of Tilapia.

We also learned to write and submit professional articles and reports, following all the guidelines, wherein we learned how to write articles of professional level. We also had 2 lectures held by renowned guest lecturers Dr. Ei Lin (Regional Director, Trouw Nutrition, the Netherlands) and Dr. Peter Edwards (Professor Emeritus) and we learned about Introduction to company & its products and Evolution of Aquaculture in Asia respectively.

Socially, also the above learnings and skills have helped in building a constructive personal and professional personality as well as in carrier. The training program helped to build confidence while facing various interviews and also while facing an audience in public or on-stage. I will be always grateful to the IDP- OUAT and NAHEP- ICAR for giving me the opportunity."

Sonali Mahapatra

College : College of Fisheries, Rangeilunda
Academic Year : 2016-2020
Visiting University/ Institute : AIT, Bangkok, Thailand
Training Period : 01/ 03/ 2020 to 17/ 06/ 2020
Thematic Area : Aquatic Seed Production

"The internship is an integral platform for anyone to gain experience in an actual workplace. Internship in AIT was a golden opportunity for students to learn, gain experience, and also help to make a bright future. In this internship we learned a lot of things like working in a professional field, cultural practices of different species, advanced technologies used in other countries, improving my communication skill, writing articles and reports, we gained a lot of statistical knowledge, practical field exposure which improves our practical knowledge any many more.

On the whole, this 'International Aqua Internship' was a very useful experience. I had gained knowledge about the technologies of farming used in other countries their production, export, import, demands in the aquaculture sector. I learned how to work into professional practices which will help me a lot in research work. Related to the study, I learned about feed manufacture, non-conventional feed ingredients, and how to use them to make a balanced protein-rich feed. Along with these we also came to know more about the statistics their uses in fisheries and their application in today's work. Furthermore, we also came to know about the seafood business and its importance in today's life. The skills about report and article writing, working in professional fields with the farmers, setup of an aquaponics system, RAS system setup its advantages, and many more.

Furthermore, I had experienced a lot of practical knowledge during the field visit to different farms, hatcheries. Also, the experience gained by working with farmers in Sena farm is amazing. This internship program let me know more about the job opportunities which will help me a lot in my carrier buildup in the future.

This internship was also good to find out what are my strength and weakness. This helped me to decide what skills and knowledge I have to improve in the coming time. I can confidently assert that the knowledge I gained through this internship will contribute to my future endeavors. At last, this internship has given me new insights and motivation to pursue a carrier in the aquaculture field."

Piyush Ranjan Behera

College	:	College of Fisheries, Rangeilunda
Academic Year	:	2016-2020
Visiting University/ Institute	:	AIT, Bangkok, Thailand
Thematic Area	:	International Aqua-internship
Training Period	:	01/ 03/ 2020 to 17/ 06/ 2020
Thematic Area	:	Aquatic nutrition and feed technology

"For me, the international Aqua-Internship training was like a dream come true. I went there with a lot of expectations in mind, starting from learning new technology used in fisheries to enhancing my whole personality. I was interested in learning about Thailand's aquaculture system as well as the farmers' entrepreneurial skills.

The training helped me to have a scientific understanding of my fisheries subject. The knowledge I gained throughout the training is still relevant to me now. Some of Dr. Bhujel's statistical principles are now applicable to my master's degree. During the training, I have to submit a report every week. Which has improved my writing skills. And that skill is now helping me in the preparation of my thesis and research paper. Lastly, I feel much more confident now and I am ready to work in the corporate sector, or the future, I may start my own venture.

I learned about aquaponics, Recirculatory Aquaculture System (RAS), aquamimicry, biofloc, IPRS, fish nutrition, statistics, seafood business, basic laboratory technique for evaluating proximate feed composition, and water quality management. As part of the field exposure, I went to several commercial farms like 333 farm, Prasert farm, Nam Sai farm, SENA Farm, SU thin Farm, Pron Prasert Farm, Tong catfish Farm. I met with the owner and farm manager and learned about their system, how they began it, and how they manage it. It was eye-opening for me to see how determined and hard they worked for the establishment of their farm. Even I got myself involved in the farm activities like handling fish, administrating hormone, and seed collection. Last but not the least, I must say Thailand is a beautiful place. Thai people taught me how to be punctual, attentive, and act like a professional."

Swatishree Nayak

College : College of Fisheries, Rangeilunda
Academic Year : 2016-2020
Visiting University/ Institute : AIT, Bangkok, Thailand
Training Period : 01/ 03/ 2020 to 17/ 06/ 2020
Thematic Area : Aquatic Seed Production

"This is a life-changing opportunity for me. As it is an international tour, I had a lot of expectations. A completely new place, with new and advanced technology. I expect to get more new things to learn and have practical experience. More knowledge on new technology which is developing in a different country. We work with AIT staff, colleagues, and students and the way they help us is commendable. One thing which impresses me a lot is their sincerity towards their job, they are so obedient. They perfectly know time management and teach us the same. We get an opportunity to work with such inspiring people. We too learn how to work under professionals and how to behave. Not only studies overall also we learn a lot which will help in our professional career.

From this training, I learned a lot about aquaponics, Monosex tilapia breeding, catfish breeding, how to use Statistical Package for Social Sciences (SPSS), etc. they also teach us some entrepreneurship skills. And we also learned about some entrepreneurs from them who are very successful by adopting their technology. It even gave me a broad idea about choosing my higher studies."

Activities of Agriculture Students at University of Nebraska Lincoln, USA

Students interacting with Dr. Stephen Baenzier about different varieties of barley & wheat in greenhouse

Dr. Amit Jhala during a theory session with the students

Practical session of the students in green house

Practical session on seed counting and packaging in the laboratory

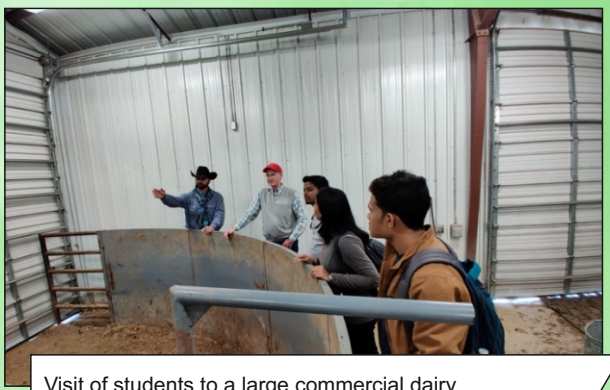
Trainees working at Ward soil testing laboratory

Dr. Dipak Santra & Dr. Bijesh Mahajan discussing about the progress of training

Activities of Veterinary Students at University of Nebraska Lincoln, USA

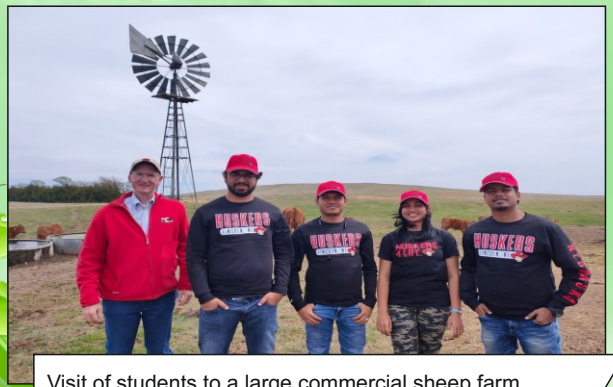
During field visit of the students

Visit of students to a stud farm



Visit of students to a large commercial dairy

Visit of students to a feed industry



Visit of students to a large commercial sheep farm

Certificate distribution ceremony

Activities of Agricultural Engineering students at IRRI, Philippines.

Students with the faculties at IRRI, Phillipines

Demonstration of modern farm equipment

Students interacting with faculties during a demonstration at IRRI, Phillipines

Students interacting with faculties of IRRI, Phillipines

Students during a practical session

Hands on training of students at IRRI, Phillipines

Activities of Fishery Students at AIT, Bangkok, Thailand

Fishery students at AIT, Bangkok

Hands on training on setting up re-circulatory Aquaculture System

Trainees during a practical session on cage aquaculture technology

Hands on training on Tilapia breeding by the students

Trainees during a practical session on eggs collection from the mouth of Tilapia in Sena farm

Trainees along with the Guide Dr. R.C. Bhujel while receiving the participation certificate

MEDIA OUTREACH

ବିଦେଶ ଯିବେ ୧୪ କୃଷି ଛାତ୍ରଛାତ୍ରୀ

ଭୁବନେଶ୍ୱର, ୨୯।୨(ବ୍ୟୁରୋ): ଓଡ଼ିଶା କୃଷି ଓ ବୈଷୟିକ ବିଶ୍ୱବିଦ୍ୟାଳୟ (ଓୟୁଏଟି) ଅଧୀନ ପଶୁଚିକିତ୍ସା ଓ ପଶୁପାଳନ ମହାବିଦ୍ୟାଳୟ ଏବଂ ରଙ୍ଗେଇଲୁଣ୍ଡାସ୍ଥିତ ମତ୍ସ୍ୟ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟର ୧୪ ଛାତ୍ରଛାତ୍ରୀ ଯିବେ ବିଦେଶ । ଶେଷ ବର୍ଷର ଏହି ଛାତ୍ରଛାତ୍ରୀମାନେ ୧ ତାରିଖ

ତିନି ମାସ ରହିବେ, ଉନ୍ନତ ଜ୍ଞାନକୌଶଳ ଶିଖିବେ

(ରବିବାର) ଆମେରିକା ଓ ଥାଇଲାଣ୍ଡ ଗସ୍ତ କରିବେ। ଏନେଇ ଶନିବାର କୁଳପତି ପ୍ରଫେସର ପବନ କୁମାର ଅଗ୍ରୱାଲ୍ ସୂଚନା ଦେଇଛନ୍ତି। ସେମାନେ ବିଦେଶରେ ମେ ମାସ ପର୍ଯ୍ୟନ୍ତ ଅବସ୍ଥାନ କରିବେ। ଏହି ସମୟ ମଧ୍ୟରେ ସେମାନେ ବିଭିନ୍ନ ବୈଜ୍ଞାନିକ ଗବେଷଣାଗାର, ପଶୁପକ୍ଷୀ ଓ ମତ୍ସ୍ୟ ସମ୍ବନ୍ଧୀୟ ଫାର୍ମ ପରିଦର୍ଶନ କରିବେ। ବିଜ୍ଞାନ ଭିତ୍ତିକ ଅତ୍ୟାଧୁନିକ ଯନ୍ତ୍ରପାତିର ବ୍ୟବହାର ଓ ପ୍ରାଣୀ ଚିକିତ୍ସା ସମ୍ବନ୍ଧୀୟ ନୂଆ ଜ୍ଞାନ କୌଶଳ ଆହରଣ କରିବେ। ବିଶ୍ୱବିଦ୍ୟାଳୟ ଦ୍ୱାରା ପରିଚାଳିତ ଆନୁଷ୍ଠାନିକ ବିକାଶ ଯୋଜନା ମାଧ୍ୟମରେ ଛାତ୍ରଛାତ୍ରୀ ଓ ଶିକ୍ଷକମାନଙ୍କ ବୈଷୟିକ ଦକ୍ଷତା ବିକାଶ ତଥା ପ୍ରାୟୋଗିକ ଜ୍ଞାନକୌଶଳ ବୃଦ୍ଧି କରିବାକୁ ଚଳିତ ଶିକ୍ଷାବର୍ଷଠୁ ଏହି ପଦକ୍ଷେପ ଗ୍ରହଣ କରାଯାଇଛି। ଶନିବାର ଆୟୋଜିତ କାର୍ଯ୍ୟକ୍ରମରେ କୁଳପତି ଶ୍ରୀ ଅଗ୍ରୱାଲ ବିଭିନ୍ନ ବୈଷୟିକ ତାଲିମ ତଥା ବିଦେଶର ଉନ୍ନତ ଜ୍ଞାନକୌଶଳ ମାଧ୍ୟମରେ ଆମ ରାଜ୍ୟର କୃଷକଙ୍କ ଉନ୍ନତି କରିବାକୁ ଛାତ୍ରଛାତ୍ରୀଙ୍କୁ ଉତ୍ସାହିତ କରିଥିଲେ। ଅନ୍ୟତମ ଅତିଥି ଭାବେ ପଶୁଚିକିତ୍ସା ଓ ପଶୁପାଳନ ମହାବିଦ୍ୟାଳୟ ଅଧକ୍ଷ ଲକ୍ଷ୍ମଣ ବାବୁ, ଆଇଡିପିର ମୁଖ୍ୟ ପ୍ରଫେସର ରାମଚନ୍ଦ୍ର ଦାଶ, ମତ୍ସ୍ୟ ମହାବିଦ୍ୟାଳୟ ଅଧକ୍ଷ ପ୍ରଫେସର ସୌମେନ୍ଦ୍ର ନନ୍ଦ ଛାତ୍ରଛାତ୍ରୀଙ୍କୁ ପ୍ରେରଣା ଦେଇଥିଲେ। ଆଇଡିପିର ସହମୁଖ୍ୟ ଡ. ପୂର୍ଣ୍ଣଚନ୍ଦ୍ର ମିଶ୍ର, ନୋଡାଲ୍ ଅଧିକାରୀ ଡ. ଜୟକୃଷ୍ଣ ଦାସ, ଡ. ସୁଶାନ୍ତ କୁମାର ପାତ୍ର ଉତ୍ସବ ପରିଚାଳନା କରିଥିଲେ।

ମଧ୍ୟରେ ସେମାନେ ବିଭିନ୍ନ ବୈଜ୍ଞାନିକ ଗବେଷଣାଗାର, ପଶୁପକ୍ଷୀ ଓ ମତ୍ସ୍ୟ ସମ୍ବନ୍ଧୀୟ ଫାର୍ମ ପରିଦର୍ଶନ କରିବେ। ବିଜ୍ଞାନ ଭିତ୍ତିକ ଅତ୍ୟାଧୁନିକ ଯନ୍ତ୍ରପାତିର ବ୍ୟବହାର ଓ
କରାଯାଇଛି। ଶନିବାର ଆୟୋଜିତ କାର୍ଯ୍ୟକ୍ରମରେ କୁଳପତି ଶ୍ରୀ ଅଗ୍ରୱାଲ ବିଭିନ୍ନ ବୈଷୟିକ ତାଲିମ ତଥା ବିଦେଶର ଉନ୍ନତ ଜ୍ଞାନକୌଶଳ ମାଧ୍ୟମରେ ଆମ ରାଜ୍ୟର କୃଷକଙ୍କ
ଦେଇଥିଲେ। ଆଇଡିପିର ସହମୁଖ୍ୟ ଡ. ପୂର୍ଣ୍ଣଚନ୍ଦ୍ର ମିଶ୍ର, ନୋଡାଲ୍ ଅଧିକାରୀ ଡ. ଜୟକୃଷ୍ଣ ଦାସ, ଡ. ସୁଶାନ୍ତ କୁମାର ପାତ୍ର ଉତ୍ସବ ପରିଚାଳନା କରିଥିଲେ।

ଓୟୁଏଟିର ୫ ଛାତ୍ରଛାତ୍ରୀଙ୍କ ଫିଲିପାଇନ୍ସ ଗସ୍ତ

ଭୁବନେଶ୍ୱର,୧୧।୧୦(ନି.ପ୍ର): ଶିକ୍ଷାଦାନ ଓ ଗବେଷଣା ମାନରେ ଉନ୍ନତି ଆଣି ଓଡ଼ିଶା କୃଷି ଓ ବୈଷୟିକ ବିଶ୍ୱବିଦ୍ୟାଳୟକୁ ଏକ ଉତ୍କୃଷ୍ଟ ବିଶ୍ୱବିଦ୍ୟାଳୟରେ ପରିଣତ କରାଯିବ। ଏହି ପରିପ୍ରେକ୍ଷୀରେ ଛାତ୍ରଛାତ୍ରୀ ଓ ଅଧ୍ୟାପକଙ୍କୁ ଉଚ୍ଚତର ଜ୍ଞାନ ଆହରଣ ନିମନ୍ତେ ଅନ୍ତର୍ଜାତୀୟ ଶିକ୍ଷାନୁଷ୍ଠାନକୁ ପଠାଯିବାର ବ୍ୟବସ୍ଥା ଏକ ନୂତନ ଯୁଗର ଆରମ୍ଭ ବୋଲି କୃଷି ଓ କୃଷକ ସଶକ୍ତୀକରଣ, ମତ୍ସ୍ୟ ଓ ପ୍ରାଣୀସମ୍ପଦ ବିକାଶ, ଉଚ୍ଚଶିକ୍ଷାମନ୍ତ୍ରୀ ଡ.ଅରୁଣ କୁମାର ସାହୁ କହିଛନ୍ତି।

ଫିଲିପାଇନ୍ସସ୍ଥିତ ଅନ୍ତର୍ଜାତୀୟ ଧାନ ଗବେଷଣା କେନ୍ଦ୍ରକୁ ଉଚ୍ଚତର ଜ୍ଞାନ ଆହରଣ ନିମନ୍ତେ କୃଷି ଓ ବୈଷୟିକ ବିଶ୍ୱବିଦ୍ୟାଳୟ ଅଧୀନସ୍ଥ କୃଷି ଯାନ୍ତ୍ରିକ ଓ ବୈଷୟିକ ମହାବିଦ୍ୟାଳୟ ୫ ଛାତ୍ରଛାତ୍ରୀଙ୍କ ବିଦେଶ ଗସ୍ତ କାର୍ଯ୍ୟକ୍ରମ ଶୁକ୍ରବାର ପୂର୍ବାହ୍ନରେ ବିଶ୍ୱବିଦ୍ୟାଳୟର ବିଜୁ ପଟ୍ଟନାୟକ ସଭାଗୃହରେ ଆୟୋଜିତ ହୋଇଯାଇଛି। ମୁଖ୍ୟ ଅତିଥି ଭାବେ ମନ୍ତ୍ରୀ ଡ. ସାହୁ କହିଛନ୍ତି; ବିଦେଶକୁ ଛାତ୍ରଛାତ୍ରୀ ଓ ଅଧ୍ୟାପକ ଗସ୍ତ କରି ଜ୍ଞାନ ଆହରଣ କରିବା ଏକ ଯୁଗାନ୍ତକାରୀ ପଦକ୍ଷେପ। ବିଦେଶରୁ ଫେରିବା ପରେ ସେମାନେ ଅନ୍ୟ ଅଧ୍ୟାପକ ଓ ଛାତ୍ରଛାତ୍ରୀଙ୍କୁ ଜ୍ଞାନ ବିତରଣ କରିବେ। ବିଶ୍ୱବିଦ୍ୟାଳୟର ଶିକ୍ଷାମାନ ଓ ଗବେଷଣା ଜାତୀୟ ଓ ଅନ୍ତର୍ଜାତୀୟସ୍ତରରେ ବୃଦ୍ଧି ପାଇବ। ଏହାଦ୍ୱାରା ସବୁଠାରୁ ଅଧିକ ମେଧାବୀ ଛାତ୍ରଛାତ୍ରୀ ଆକର୍ଷିତ ହେବେ। ଓଡ଼ିଶା କୃଷି ଓ ବୈଷୟିକ ବିଶ୍ୱବିଦ୍ୟାଳୟର ଶିକ୍ଷକ ଓ ଛାତ୍ରଛାତ୍ରୀଙ୍କୁ ରାଷ୍ଟ୍ରୀୟ ଉଚ୍ଚତର କୃଷି ଶିକ୍ଷା ପ୍ରକଳ୍ପ ଅଧୀନରେ ଅତ୍ୟାଧୁନିକ ତାଲିମ୍ ଓ ଶିକ୍ଷା ପାଇଁ ଆଗାମୀ ତିନିବର୍ଷ ପର୍ଯ୍ୟନ୍ତ ୨୫ ଲେଖାଏଁ ଛାତ୍ରଛାତ୍ରୀ ଓ ଅଧ୍ୟାପକଙ୍କୁ ବିଦେଶ ପଠାଯିବ। ଏଥିପାଇଁ ଭାରତ ସରକାର ଓ ବିଶ୍ୱବ୍ୟାଙ୍କ ତରଫରୁ ଦେଶର ୮ କୃଷି ଓ ବୈଷୟିକ ବିଶ୍ୱବିଦ୍ୟାଳୟକୁ ଆର୍ଥିକ ସାହାଯ୍ୟ ଯୋଗାଇ ଦିଆଯାଇଛି। ଏଥିମଧ୍ୟରେ ଓଡ଼ିଶା କୃଷି ଓ ବୈଷୟିକ ବିଶ୍ୱବିଦ୍ୟାଳୟ ରହିଛି। ବିଶ୍ୱବ୍ୟାଙ୍କ ଓ ଭାରତ ସରକାରଙ୍କ ପକ୍ଷରୁ ୨୫ କୋଟି ଓ ରାଜ୍ୟ ସରକାର ତରଫରୁ ୫ କୋଟି ଟଙ୍କା ବିଶ୍ୱବିଦ୍ୟାଳୟକୁ ମିଳିଛି। ପ୍ରଥମ ପର୍ଯ୍ୟାୟରେ ୩ ଛାତ୍ର ଓ ୨ ଛାତ୍ରୀ ବିଦେଶ ଗସ୍ତ ପାଇଁ ଯୋଗ୍ୟ ବିବେଚିତ ହୋଇଛନ୍ତି। ଛାତ୍ରଛାତ୍ରୀ ଅକ୍ଟୋବର ୧୨ରୁ ୧୫ଦିନ ପାଇଁ ଫିଲିପାଇନ୍ସ ଗସ୍ତ କରିବେ।

କାର୍ଯ୍ୟକ୍ରମରେ ବିଶ୍ୱବିଦ୍ୟାଳୟର କୁଳପତି ଡ. ପବନ କୁମାର ଅଗ୍ରୱାଲ ଅଧକ୍ଷତା କରି ଛାତ୍ରଛାତ୍ରୀଙ୍କ ବିଦେଶ ଗସ୍ତ ଶିକ୍ଷାଲାଭ ସମ୍ପର୍କରେ ଆଲୋକପାତ କରିଥିଲେ। କୃଷି ଓ ଯାନ୍ତ୍ରିକ ବୈଷୟିକ ମହାବିଦ୍ୟାଳୟର ଅଧକ୍ଷ ଡ. ସଞ୍ଜୟ କୁମାର ଦାଶ ସ୍ୱାଗତ ଭାଷଣ ଦେଇଥିଲେ। ପ୍ରକଳ୍ପର ନୋଡାଲ ଅଧିକାରୀ ଡ. ରାମଚନ୍ଦ୍ର ଦାଶ ଧନ୍ୟବାଦ ଦେଇଥିଲେ।

ଆଇଆର୍‌ଆର୍‌ଆଇ ଯିବେ ଓୟୁଏଟିର ୫ ଛାତ୍ରୀଛାତ୍ର

ଓୟୁଏଟି ପକ୍ଷରୁ ଆୟୋଜିତ କାର୍ଯ୍ୟକ୍ରମରେ କୃଷି ଓ କୃଷକ ସଶକ୍ତୀକରଣ ଏବଂ ମତ୍ସ୍ୟ ଓ ପ୍ରାଣୀ ସମ୍ପଦ ମନ୍ତ୍ରୀ ଅରୁଣ କୁମାର ସାହୁ ଓ ଅନ୍ୟମାନେ।

ଭୁବନେଶ୍ୱର, ୧୧।୧୦(ବ୍ୟୁରୋ)

ଉଚ୍ଚତର ଜ୍ଞାନ ଆହରଣ ନିମନ୍ତେ ଶନିବାର ପ୍ରଥମ ଥର ପାଇଁ ଓଡ଼ିଶା କୃଷି ଓ ବୈଷୟିକ ବିଶ୍ୱବିଦ୍ୟାଳୟ(ଓୟୁଏଟି)ର ୫ ଛାତ୍ରୀଛାତ୍ର ଫିଲିପାଇନ୍ସସ୍ଥିତ ଅନ୍ତର୍ଜାତୀୟ ଧାନ ଗବେଷଣା କେନ୍ଦ୍ର(ଆଇଆର୍‌ଆର୍‌ଆଇ) ଯିବେ। ସେଠାରେ ୧୫ଦିନ ଧରି ଛାତ୍ରୀଛାତ୍ରମାନେ ଧାନ ଚାଷରେ ଯାନ୍ତ୍ରିକୀକରଣ, ଫସଲ ଅମଳ ପରବର୍ତ୍ତୀ ପ୍ରଯୁକ୍ତି ବିଦ୍ୟା ଉପରେ ଜ୍ଞାନ ଆହରଣ କରିବେ। ସେଠାରୁ ଫେରିବା ପରେ ଆହରଣ କରିଥିବା ଜ୍ଞାନ ଓ ଅନୁଭୂତିକୁ ଛାତ୍ରୀଛାତ୍ରମାନେ ଆଇସିଏଆର୍ ମୁଖ୍ୟାଳୟ ଓ ବିଶ୍ୱବିଦ୍ୟାଳୟସ୍ତରୀୟ ସେମିନାରରେ ଉପସ୍ଥାପନା କରିବେ। ସୂଚନାଯୋଗ୍ୟ, ଓୟୁଏଟିର ଶିକ୍ଷକ ଓ ଛାତ୍ରୀଛାତ୍ରମାନଙ୍କୁ ରାଷ୍ଟ୍ରୀୟ ଉଚ୍ଚତର କୃଷି ଶିକ୍ଷା ପ୍ରକଳ୍ପ ଅଧୀନରେ ଅତ୍ୟାଧୁନିକ ତାଲିମ୍ ଓ ଶିକ୍ଷା ପାଇଁ ବିଦେଶ ପଠାଯିବାର ବ୍ୟବସ୍ଥା କରାଯାଇଛି। ଏହି ପ୍ରକଳ୍ପ ଅଧୀନରେ ପ୍ରତି ବର୍ଷ ୨୫ ଛାତ୍ରୀଛାତ୍ର ଓ ୨୫ ଅଧ୍ୟାପକଙ୍କୁ ବିଦେଶ ପଠାଯିବ। ଏନେଇ ଭାରତ ସରକାର ଓ ବିଶ୍ୱ ବ୍ୟାଙ୍କ୍ ତରଫରୁ ଓୟୁଏଟି ସମେତ ଭାରତର ୮ କୃଷି ବିଶ୍ୱବିଦ୍ୟାଳୟକୁ ସହାୟତା ଯୋଗାଇ ଦିଆଯାଇଛି। ଏହି ପ୍ରକଳ୍ପ ମାଧ୍ୟମରେ ଛାତ୍ରୀଛାତ୍ର ଓ ଶିକ୍ଷକଙ୍କ ଅତ୍ୟାଧୁନିକ ଶିକ୍ଷା ଓ ତାଲିମ୍ ପାଇଁ ୫ କୋଟି ୪୨ ଲକ୍ଷ ଟଙ୍କାର ଖର୍ଚ୍ଚ ଧାର୍ଯ୍ୟ କରାଯାଇଛି। ତେବେ ପ୍ରଥମ ପର୍ଯ୍ୟାୟରେ ଓୟୁଏଟିର ୨ ଛାତ୍ରୀ ଓ ୩ ଛାତ୍ର ଫିଲିପାଇନ୍ସ ଯାଉଛନ୍ତି। ଏହି କ୍ରମରେ ଆସନ୍ତା ତିନି ବର୍ଷ ମଧ୍ୟରେ ୭୫ ଅଧ୍ୟାପକ ଓ ୭୫ ଛାତ୍ରୀଛାତ୍ରଙ୍କୁ ଉଚ୍ଚତର ଜ୍ଞାନ ଆହରଣ ନିମନ୍ତେ ବିଦେଶ ପଠାଯିବ।

ପ୍ରକାଶ ଥାଉ କି, ଶୁକ୍ରବାର ବିଶ୍ୱବିଦ୍ୟାଳୟର ବିଜୁ ପଟ୍ଟନାୟକ ସଭା ଗୃହରେ ଆୟୋଜିତ ଏକ ସ୍ୱତନ୍ତ୍ର କାର୍ଯ୍ୟକ୍ରମରେ କୃଷି ଓ କୃଷକ ସଶକ୍ତୀକରଣ, ମତ୍ସ୍ୟ ଓ ପ୍ରାଣୀ ସମ୍ପଦ ଏବଂ ଉଚ୍ଚଶିକ୍ଷା ମନ୍ତ୍ରୀ ଅରୁଣ କୁମାର ସାହୁ ଯୋଗଦେଇ ଏହି କାର୍ଯ୍ୟକ୍ରମକୁ ପ୍ରଶଂସା କରିଥିଲେ। ଏହି ନୂତନ ପଦକ୍ଷେପ ଦ୍ୱାରା ଓୟୁଏଟିରେ ଶିକ୍ଷାର ଗୁଣାତ୍ମକ ମାନ ବଢ଼ିବା ସହ ବିଶ୍ୱବିଦ୍ୟାଳୟର ଗବେଷଣା ମାନରେ ଉନ୍ନତି ଘଟିବ। ଫଳରେ ଏଠାରେ ଶିକ୍ଷା ଲାଭ କରିବା ପାଇଁ ମେଧାବୀ ଛାତ୍ରୀଛାତ୍ରମାନେ ମଧ୍ୟ ଆକର୍ଷିତ ହେବେ ବୋଲି ମନ୍ତ୍ରୀ ଗୁରୁତ୍ୱାରୋପ କରିଛନ୍ତି।

ମତ୍ସ୍ୟ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟର ୧୦ବିଦ୍ୟାର୍ଥୀଙ୍କ ଥାଇଲାଣ୍ଡ ଗସ୍ତ

ଗୋପାଳପୁର,୨୯।୨(ନିପ୍ର):ରଙ୍ଗେଇଲୁଣ୍ଡା ମତ୍ସ୍ୟ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟରେ ଅଧ୍ୟୟନରତ ଶେଷ ବର୍ଷର ୧୦ଛାତ୍ରଛାତ୍ରୀ ଇଣ୍ଟର୍ଣ୍ଣସିପ ପାଇଁ ଥାଇଲାଣ୍ଡ ଯାତ୍ରା କରିଛନ୍ତି। ରବିବାର ଭୁବନେଶ୍ୱର ବିମାନ ବନ୍ଦର ରୁ ସେମାନେ ଆମେରିକା ଅଭିମୁଖେ ଯାତ୍ରା କରିବେ। ଏହି ଅବସରରେ ଆଜି ଭୁବନେଶ୍ୱର ସ୍ଥିତ ଓ ୟୁ ଏ ଟି ପରିସରରେ ଏକ ସମ୍ବର୍ଦ୍ଧନା ସଭା ଆୟୋଜନ କରାଯାଇଥିଲା। ଓ ୟୁ ଏ ଟି କୁଳପତି ଡ଼ ପବନ କୁମାର ଅଗ୍ରୱାଲ ଏଥିରେ ଉପସ୍ଥିତ ରହି ଛାତ୍ରଛାତ୍ରୀଙ୍କୁ ଶୁଭେଚ୍ଛା ଜଣାଇଥିଲେ। ଅନ୍ୟ ମାନଙ୍କ ମଧ୍ୟରେ କୁଳସଚିବ ସୁଷମା ରାଣୀ ଦେବୀ,ରଙ୍ଗେଇଲୁଣ୍ଡା ମତ୍ସ୍ୟ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟର ଅଧକ୍ଷ ଡ଼ ସୌମେନ୍ଦ୍ର ନନ୍ଦ, ପ୍ରାଧ୍ୟାପକ ଡ଼ ସୁଶାନ୍ତ କୁମାର ପାତ୍ର ଉପସ୍ଥିତ ରହିଥିଲେ। ପ୍ରଥମ ଥର ପାଇଁ କୃଷି ଓ ବୈଷୟିକ ବିଶ୍ୱବିଦ୍ୟାଳୟ ପକ୍ଷରୁ ମତ୍ସ୍ୟ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟର ଛାତ୍ରଛାତ୍ରୀଙ୍କୁ ଥାଇଲାଣ୍ଡ ସ୍ଥିତ ଏସିଆନ୍ ଇନସ୍ଟିଚ୍ୟୁଟ ଅଫ୍ ଟେକ୍ନୋଲୋଜି କେନ୍ଦ୍ରରେ ତିନିମାସ ପାଇଁ ଦକ୍ଷତା ବିକାଶ,ଔଦ୍ୟୋଗିକ ବିକାଶ,କୌଶଳ ଓ ଯୋଗ୍ୟତା ବିକାଶ ନେଇ ତାଲିମ ଦିଆଯିବ। ଏହାସହିତ ବିଦ୍ୟାର୍ଥୀମାନେ ମତ୍ସ୍ୟ ବିଜ୍ଞାନ ନେଇ ଉନ୍ନତ ଜ୍ଞାନକୌଶଳ , ମତ୍ସ୍ୟ ଆନୁବଂଶିକ, ମତ୍ସ୍ୟଜୈବ ପ୍ରଯୁକ୍ତି ବିଦ୍ୟା, ପ୍ରାକୃତିକ ମତ୍ସ୍ୟ ସମ୍ପଦର ସୁବିନିଯୋଗ ଓ ସୁପରିଚାଳନା, ପରିବେଶ ବିଜ୍ଞାନ ଓ ଜଳବାୟୁ ପରିବର୍ତ୍ତନ ନେଇ ଜ୍ଞାନ ଆହରଣ କରିବେ। ବିଶ୍ୱ ବ୍ୟାଙ୍କ ଓ ଭାରତୀୟ କୃଷି ଗବେଷଣା ପରିଷଦର ମିଳିତ ଆନୁକୂଲ୍ୟରେ ଛାତ୍ରଛାତ୍ରୀ ଏହି ଗସ୍ତରେ ସାମିଲ ହୋଇଛନ୍ତି। ଏହି ଗସ୍ତରେ ମହାବିଦ୍ୟାଳୟର ଜି.ଦୀପକ ରେଡ୍ଡି, ସ୍ୱାଗତିକା ସାହୁ, ଇତିଶ୍ରୀ ଦାସ,ସ୍ୱାତିଶ୍ରୀ ନାୟକ,ପ୍ରିତ୍ୟାସାନନ୍ଦ ପଟ୍ଟନାୟକ, ସୋନାଲି ମହାପାତ୍ର,ଓମକାର ପାତ୍ର, ମୃତ୍ୟୁଞ୍ଜୟ ଘଡ଼େଇ, ପିୟୁସ ବେହେରା, ଆଦ୍ୟାସା ସାହୁ ସାମିଲ ହୋଇଛନ୍ତି।


College of Agriculture,
Bhubaneswar


College of Veterinary
Science & Animal Husbandry
Bhubaneswar

NAHEP, OUAT


College of Agricultural Engineering
& Technology, Bhubaneswar


College of Fisheries
Rangeilunda