

Response Catalogue of International Trainings under NAHEP

*Indian Council of Agricultural Research
National Agricultural Higher Education Project*



Project Implementation Unit
5th Floor, Krishi Anusandhan Bhavan, Pusa Road, New Delhi 110012



Publication Details

Printed	November, 2020
Citation	NAHEP. 2020, Response Catalogue Of International Trainings Under NAHEP: National Agricultural Higher Education Project, ICAR, New Delhi
Edited and compiled by	Dr. R. C. Agrawal, National Director Dr. Hema Tripathi, National Coordinator, M&E Dr. P. Ramasundaram, National Coordinator, IDP Dr. R. B. Sharma, National Coordinator, IG Dr. Prabhat Kumar, National Coordinator, CAAST Mr. Guna Nand Shukla, M&E Consultant Mr. Arvind Jha, M&E Consultant Mr. Nilesh Deshmukh, M&E Consultant
Assisted by	M&E Er. Harendra Kumar, Senior Research Fellow Component 1a: Dr. Ajay Kumar, Research Associate Dr. Shanti Singh, Senior Research Fellow Component 1b & 2: Dr. Suvarna Mahalle, Research Associate Dr. D.K. Jayswal, Research Associate Mr. Pinaki Roy, Senior Research Fellow Component 1c: Dr. Shailja Thakur, Research Associate M & E Consultant Mr. Guna Nand Shukla, Mr. Arvind Jha, Mr. Nilesh Deshmukh
Published by:	National Director, NAHEP
Phone	+ 91-11-2584 8772
Email	nd.nahep@icar.gov.in
Website	https://nahep.icar.gov.in/
ISBN Number	ISBN 978-81-7164-210-6
Copyright	NAHEP-Indian Council of Agricultural Research, New Delhi

Foreword

Indian Council of Agricultural Research (ICAR), with financial assistance from the World Bank (WB), launched National Agricultural Higher Education Project (NAHEP) in 2017 with an aim to bring transformative reforms in agricultural higher education in country. Under NAHEP, the ICAR is in the process of bringing a fundamental change in its approach and control, financial sustainability, accountability, autonomy, transparency, and meritocracy to improve the quality and relevance of agricultural higher education in India. Since its inception, a collaborative and directional efforts are being made by NAHEP stakeholders to achieve the Project Development Objective (PDO) while addressing the improvement of policies, quality assurance through accreditation, common academic regulations and governance, effective curricula delivery systems, improvement of faculty competence, student development, attracting talented students, IT support and upgradation of infrastructure and facilities enabling the ICAR – AU system to catch up nationally and internationally.

I am happy to share that Project Implementation Unit- NAHEP has come up with a Document on 'Response Catalogue of International Trainings under NAHEP'- to highlight the feedback to students' and faculties' those who undergone international training under NAHEP and bringing international experience for wellbeing of the country. This document will act as a testimony of the rich experiences gained by students and faculties during international trainings in cutting edge areas of technologies under NAHEP. The learnings made through such trainings will be further leveraged at partner university level, and will help to create a ripple effect through achievement of the intended project outcomes such as improved employability, entrepreneurship capabilities and research effectiveness. I compliment National Director and his team for taking significant efforts in developing this publication.



Preface



National Agricultural Higher Education Project (NAHEP), with an aim to bring transformative reforms in agricultural higher education in the country. NAHEP is designed to strengthen the national agricultural education system in India with overall objective to provide more relevant and high-quality education to agricultural university students. NAHEP has been supporting to ICAR AUs through Institutional Development Plan (IDP), Centres for Advanced Agricultural Sciences and Technology (CAAST) and Innovation Grants component. It is envisaged that improved AU performance through quality enhancement, better employment and entrepreneurship opportunities created for agriculture graduates, non-accredited AUs attaining ICAR accreditation, and institutional reforms implemented in education division of ICAR and AUs under its different components together shall contribute to the achievement of the overall program objective. Till date, NAHEP has awarded sub-projects to 58 AUs and 3 ICAR institutes. I am happy to share that, under different sub-projects so far 377 students and 120 faculties have visited ~90 international HEIs and have undergone trainings on more than 150 emerging areas of agriculture and allied sector. International trainings under NAHEP have played a pivotal role in enhancing the learning outcomes, teaching performance of faculties and employability of AU students etc.

The support, guidance and motivation provided by Dr. Trilochan Mohapatra, Secretary, DARE and Director General, ICAR to PIU-NAHEP has been instrumental to the entire project team in effective implementation and securing achievements. We highly appreciate the regular support and guidance of the Task Team Leader of NAHEP from World Bank Mr. Edward W. Bresnayan and his team. The initiative for bringing this book by Dr. Hema Tripathi National Coordinator, M&E is highly appreciated. The support provided by all the National Coordinators; consultants is duly acknowledged.

Background

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 endeavors increased agricultural productivity and support quality improvements of higher education to create a more skilled workforce that continuously improves the productivity of key sectors, including agriculture.

Overall, the project aims to develop resources and mechanism for supporting infrastructure, faculty and student advancement, and providing means for better governance and management of agricultural universities, so that a holistic model can be developed to raise the standard of current agricultural education system that provides more jobs and is entrepreneurship oriented and at par with the global agriculture education standards.

NAHEP is a Multi-Global Practice collaboration (Agriculture and Education) project and supports activities and results directly related to cross-cutting strategic areas of climate change, jobs and gender. NAHEP has been promoting efficiency and competitiveness through changes in working mechanism of AUs, raising the teaching and research standards through improved infrastructure, competency and commitments. There are four key 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. It is envisaged that improved AU performance through quality enhancement, better employment and entrepreneurship opportunities created for agriculture graduates, non-accredited AUs attaining ICAR accreditation, and institutional reforms implemented in Education Division of ICAR and AUs under these components together shall contribute to the achievement of the overall program objective.

Till March 2020, 58 Agriculture universities (AUs) have been awarded under NAHEP, wherein 18 AUs come under IDP, 16 AUs under CAAST and 24 AUs under IG in component 1. Besides 3 ICAR institutes i.e. ICAR- Indian Agricultural Statistics Research Institute (IASRI), ICAR- National Institute of Agricultural Economics and Policy Research (NIAP) and ICAR- National Academy of Agricultural Research Management (NAARM) have been implementing Component 2.

Introduction

NAHEP under the guidance of ICAR and World Bank has been supporting AUs and ICAR institutes to provide the better quality and more relevance agricultural higher education to the students. With this aim, NAHEP has been sponsoring many activities for enhancing learning outcomes through academic and infrastructure development, enhancing system management 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. Improving overall competencies for strengthening education through better institutional reforms like curriculum revisions, leveraging ICT infrastructure, human resource capacity development etc.

Towards this endeavour, NAHEP has been encouraging and supporting students and faculties of partner AUs to visit the international HEIs, learn the emerging areas of science and technologies in agriculture and share the rich experiences gained during the training for betterment of Indian agricultural eco-system. So far, 20 partner AUs have established linkages with 89 HEIs across 27 countries and supported 377 students and 120 faculties for international training on cutting edge areas of agriculture and allied sectors (this document comprises the 305 students' and 92 faculties' responses received till July 2020).

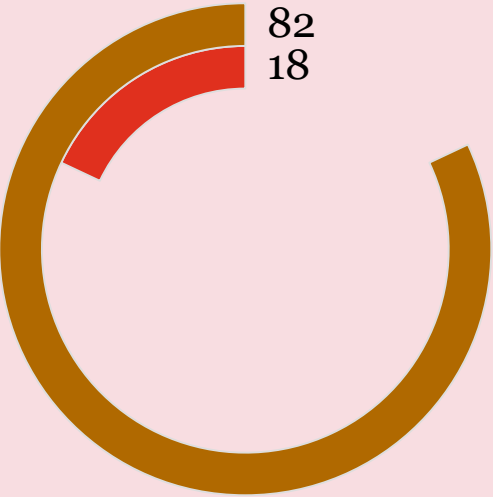
The training themes for UG students under IDP component of NAHEP were majorly focused on personality development, entrepreneurship acumen, problem solving skills to improve their employability and develop entrepreneurship capabilities. Whereas, the training themes for post-graduate and above students under CAAST were mainly on the subject matter areas such as Application of emerging digital technologies, Genomics, Aquaculture Research, Bioinformatics etc. to improve the research effectiveness and scientific entrepreneurship. Moreover, faculties visited internal learning centres/ HEIs under different components aimed to improve teaching effectiveness through introducing international pedagogies, establishing collaborations for improving research effectiveness etc.

Through such trainings, NAHEP has been making directional efforts to make students and faculties of partner universities 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.

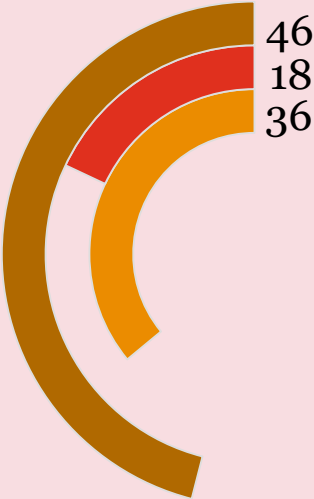
Executive Summary



% of total students trained



% of total faculties trained



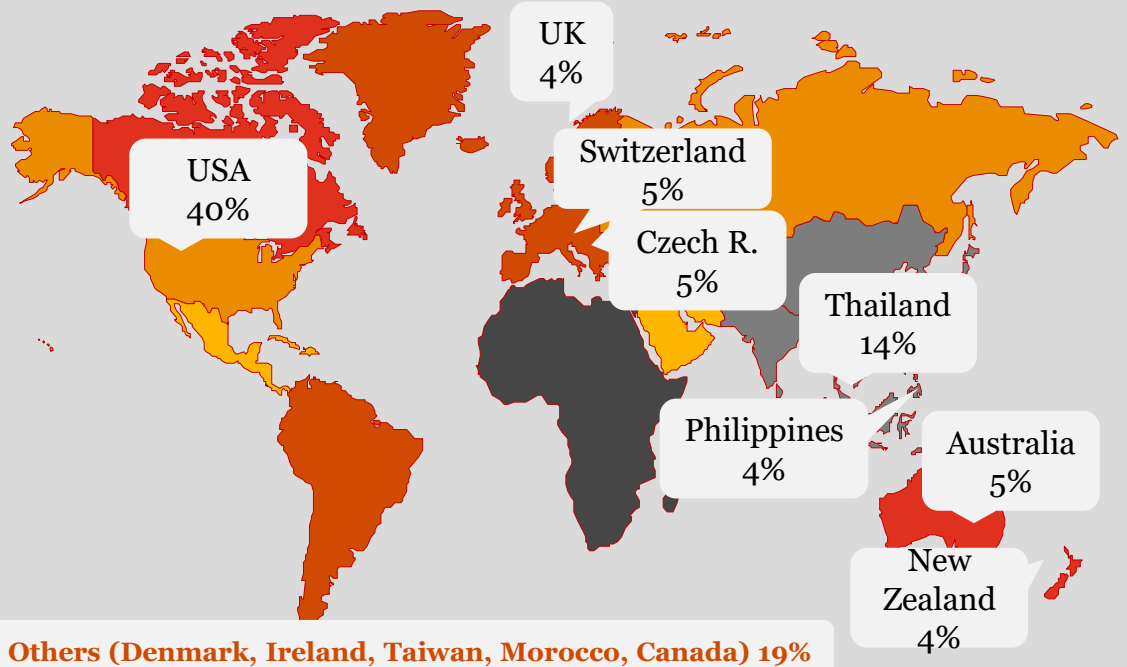
IDP CAAST IG

Gender Distribution

Category	Gender Distribution (%)		Total
Student	50	50	305
Faculty	72	28	92

Male Female





Geographic Distribution (% of total students & faculties)



Executive Summary

AU-wise distribution (% of total students & faculties)			
Comp.	Name of AU/ Institute	Category	Total
IDP	NDRI, Karnal	23% 77%	66
	AAU, Jorhat	17% 83%	66
	CCSHAU, Hissar	25% 75%	40
	TANUVAS, Chennai	27% 73%	22
	ANGRAU, Lam, Guntur	100%	53
	JAU, Junagadh	100%	22
	OUAT, Bhubaneswar	100%	6
	MPUA&T, Udaipur	100%	17
CAAST	IARI, New Delhi	35% 65%	6
	UAS, Bangalore	67% 33%	14
	IVRI, Izatnagar	21% 79%	11
	CIFE, Mumbai	27% 73%	21
	MPKV, Rahuri	5% 95%	17
	CSAUA&T, Kanpur	100%	2
	AU, Jodhpur	100%	14
IG	SVVU, Tirupati	100%	8
	PJTSAU, Hyderabad	100%	4
	BASU, Patna	100%	3
	Dr. PDKV, Akola	100%	3
	Kamdhenu University	23% 77%	2
Grand Total			397

■ Faculty ■ Student

	Number of subject areas covered during the international training	160
	Number of countries covered during the international training	27
	Number of host institutes trained students and faculties	89
	Number of AUs sent students and faculties for international training	20

Component 1a: Institutional Development Plan

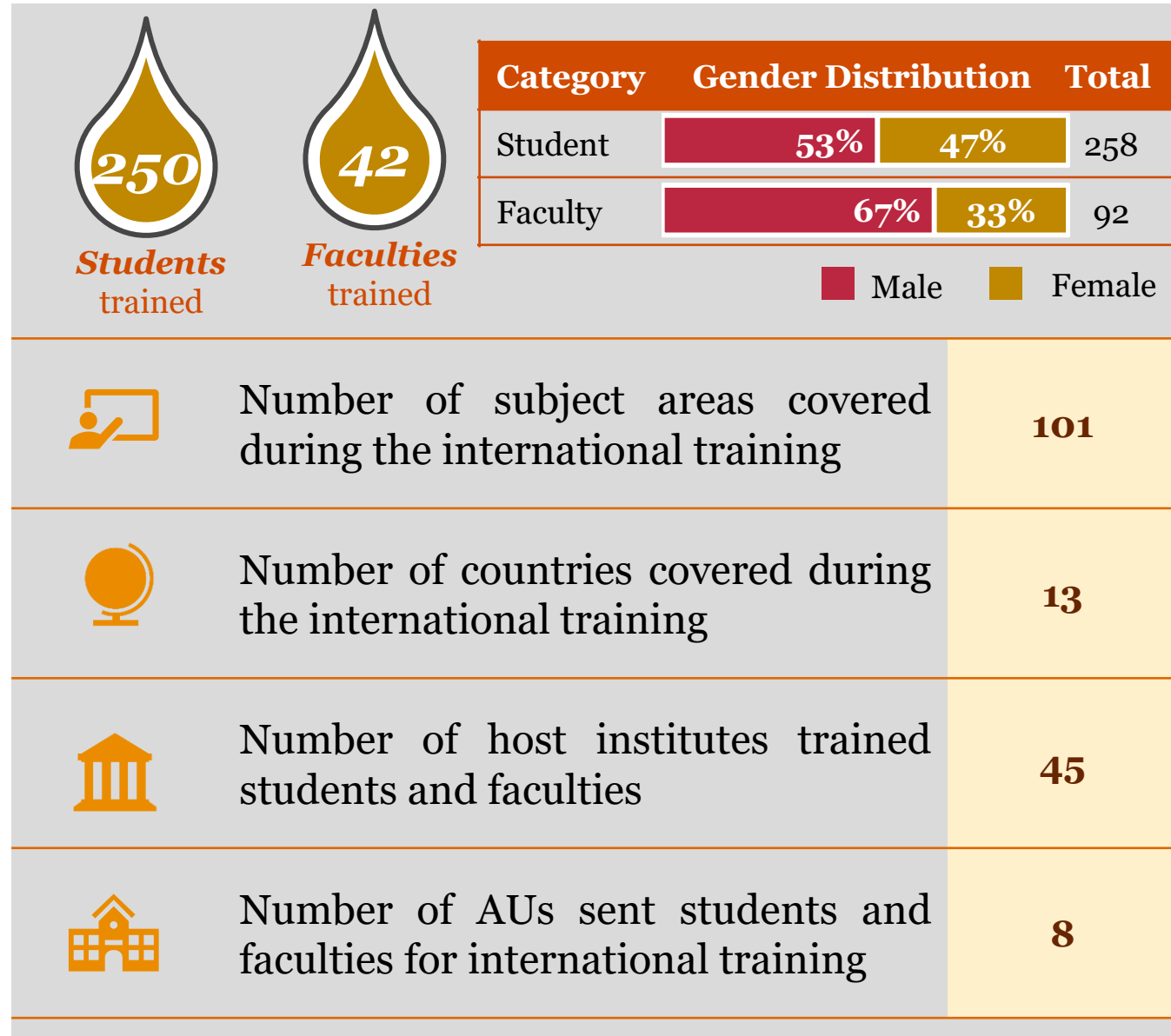


Institutional Development Plan (IDP)

Till March 2020, IDP awarded the sub-projects to 18 AUs, spread across 14 states in the country. Total budget outlay of the component is USD 69.4 Mn (INR ~462 Crores). IDP financed activities are more oriented towards capacity building and governance reforms, leading to the greater autonomy and sustained accreditation of the University. The key provisions for funding under IDP include students' skill and entrepreneurial development, enhancing learning outcome and teaching effectiveness, faculty development and training, networking and industry collaboration, vocational training, students job placement, own revenue generation and support to twinning plan.

In addition to these priorities, emphasis is also being placed on effective industry linkages to enhance employability of agriculture graduates as well as to help AUs to generate their own resources through establishing facilitative Centres.

International training sponsored under IDP would produce quality graduates with desired traits, exposure and experience, and skills in innovation, entrepreneurship, and agribusiness to add to the stock of human capital in agricultural education, research and industry in the years to come.



Learning involved fun, excitement and interesting through practical sessions and games. Classes were engrossing. It was a memorable and wonderful journey.

*Priyanka Barman, UG(AAU- Jorhat)
Asian Institute of Technology, Thailand*



Sreyashree Pattnaik



UG-IV, OUAT, Bhubaneswar

Training period	14/10/2019 to 25/10/2019 (11 days)			
Visiting institute	IRRI Philippines			
Department	Agriculture Research			
Thematic area	Rice-it's	Post	Production	to
	Marketing			
Feedback				

This training session was very interesting and knowledgeable. I am very happy to get this opportunity.

Satisfaction level of trainee	Excellent
-------------------------------	-----------



Satyabrata Das



UG-IV, OUAT, Bhubaneswar

Training period	14/10/19 to 25/10/19 (11 days)
------------------------	--------------------------------

Visiting institute	IRRI, Philippines
---------------------------	-------------------

Department	Agriculture Research
-------------------	----------------------

Thematic area	Rice: Post Production to Market
----------------------	---------------------------------

Feedback	
-----------------	--

I am very happy and satisfied with my training at IRRI. I have gained a lot of practical knowledge about post production of rice. I enjoyed a lot as this was my first foreign exposure.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Siddhartha Shankar Dash



UG-IV, OUAT, Bhubaneswar

Training period	14/10/2019 to 25/10/2019 (11 days)
------------------------	------------------------------------

Visiting institute	IRRI, Philippines
---------------------------	-------------------

Department	Agriculture Research
-------------------	----------------------

Thematic area	Rice : Post Production to Market
----------------------	----------------------------------

Feedback

It was a nice experience there at IRRI as we were supplemented with practical exposures for each and every theoretical concept taught in the classroom about post production techniques of rice. More people should be send under NAHEP to IRRI for availing such a great learning experience.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Ansuman Paikray



UG-IV, OUAT, Bhubaneswar

Training period 14/10/2019 to 25/10/2019 (11 days)

Visiting institute IRRI, Philippines

Department Agriculture Research

Thematic area Rice : Post Production to Market

Feedback

The practical exposures we had during the training session were very interesting. We got to know the basic principles and practices done in rice post production processes. We got exposure to processes from harvesting to milling in both traditional way as well as through application of modern technologies. In the holidays also we got an opportunity to visit a commercial company "Grainpro" and a government organisation "Philmech". Beside all the learnings, I am also very much impressed by their culture and the helping nature of them to the people. IRRI as training organisation did extremely well and stood above our expectation. If I have to suggest any training organisation then IRRI will always come 1st in my list.

Satisfaction level of trainee Excellent



Satyabrata Das



UG-IV, OUAT, Bhubaneswar

Training period	12/10/2019 to 27/10/2019 (11 days)
Visiting institute	International Rice Research Institute, Los Banos, Philippines
Department	Post Harvest Management
Thematic area	Rice: Post Production To Market

Feedback

I am very satisfied with the training received from IRRI on post production to market. It was indeed a nice experience in my life since it was my First international visit. We spent the training period very well at IRRI. I have learnt a lot of thing since it was fully practical based training. I would like to thank each and everyone behind this.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Subhashree Jethy



UG-IV, OUAT, Bhubaneswar

Training period 12/10/2019 to 27/10/2019 (11 days)

Visiting institute International Rice Research Institute, Los Banos, Philippines

Department Post Harvest Management

Thematic area Rice: Post Production To Market

Feedback

It was a wonderful learning experience which we gained at IRRI, Philippines. The practical exposures and laboratory testing kits were the most knowledgeable skills we learnt. It was a memorable journey of my life

Satisfaction level of trainee Excellent

Response Catalogue of International Trainings under NAHEP



Nikita Akhawat



UG-III, MPUA&T, Udaipur

Training period	25/03/2019 to 06/04/2019 (14 days)
Visiting institute	Asian Institute of Technology, Thailand
Department	Department of Water Engineering and Management
Thematic area	Unbundling the Engineering to Achieve Sustainable Development Goal 6
Feedback	

Classroom lectures was major part of the 14 days training programme. A major suggestion I wish to make is classroom lectures need to be supplemented by hands on learning experience by increasing training duration.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Chetana Sharma



UG-III, MPUA&T, Udaipur

Training period 25/03/2019 to 06/04/2019 (12 days)

Visiting institute Asian Institute of Technology, Thailand

Department Department of Water Engineering & Management

Thematic area Unbundling the Engineering to Achieve Sustainable Development Goal 6

Feedback

It was a wonderful training experience at AIT, Bangkok. We were 8 students who went to attend this training. The faculties at AIT were excellent and they taught us how we can help in achieving Sustainable Development Goal 6. They also taught us about new inventions in agriculture which can help in making the life of farmer easy and increasing agriculture production as well as productivity. With various exercises and models the learning was made interesting for us. We learnt a lot of new things and technology which we can implement for the betterment of agriculture and thus overall human kind.

Satisfaction level of trainee Excellent



Arun Khandala



UG-III, MPUA&T, Udaipur

Training period 24/6/2019 to 7/7/2019 (13 days)

Visiting institute Western Sydney University, Sydney, Australia

Department Agriculture Research

Thematic area Entrepreneurship and Agriculture

Feedback

It was a wonderful experience. Learning from world class faculty was a great journey of gaining wisdom and knowledge. WSU Sydney is a beautiful place to learn and live.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Nisha Tanwar



UG-III, MPUA&T, Udaipur

Training period	23/06/19 to 07/07/19 (13 days)
Visiting institute	Western Sydney University, Sydney Australia
Department	Agriculture Research
Thematic area	Skills for Entrepreneurship and Management in Agriculture
Feedback	

I have broadened my knowledge, due to participation in student development programme of IDP/NAHEP at Western Sydney University, Sydney (Australia). I gained knowledge about global developments related to agriculture and allied fields.

Participation in this training programme has provided me a life long experience in thinking towards our own problems in agriculture sector, and given me a bunch of new ideas towards my future research programmes.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Ashmita Ranka



UG-III, MPUA&T, Udaipur

Training period 25/03/2019 to 06/04/2019 (12 days)

Visiting institute Asian Institute of Technology, Thailand

Department Agriculture Research

Thematic area Unbundling the Engineering to Achieve Sustainable Development Goal 6

Feedback

In the limited time it was a great learning experience for me. I feel the training period should be around 45 days to get hands on experience.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Yogita Khandelwal



UG-III, MPUA&T, Udaipur

Training period	23/6/2019 to 7/7/2019 (13 days)
Visiting institute	Western Sydney University, Australia
Department	Agriculture Research
Thematic area	Skills for Entrepreneurship and Management in Engineering and Agriculture
Feedback	

The programme has been interesting and brainstorming and its impact on my career growth and research has been outstanding. I would like to thank all for giving me this lifetime experience.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Shefali Bhardwaj



UG-III, MPUA&T, Udaipur

Training period	23/6/2019 to 7/7/2019 (13 days)
Visiting institute	Western Sydney University, Sydney, Australia
Department	Agriculture Research
Thematic area	Entrepreneurship and Management in Agriculture
Feedback	
<p>Practical knowledge is so different from the education limited to the four walls of the classroom. I consider myself lucky to have been given this learning opportunity as this not only widened the horizon of our knowledge but also the entire process was such a learning and enriching experience that post training we feel more independent and confident. Starting from the arrangements to the teachers there- everything was heaven on earth. The technological advancements, the ongoing experiments and the teachers were all wonderful. I hope we could pay back to our country and bring the required change as the youth of the nation.</p>	
Satisfaction level of trainee	Excellent



Dhiraj Golani



UG-II, MPUA&T, Udaipur

Training period 24/03/2019 to 06/04/2019 (14 Days)

Visiting institute Asian Institute of Technology, Thailand

Department Department of Water Engineering and Management

Thematic area Unbundling the Engineering to Achieve Sustainable Development Goal 6

Feedback

Overall Training was very good with a well designed agenda, group exercises, site visits, lab demonstration. Very good facilities and stipend for such a short term Training Programme. Thank you NAHEP

Satisfaction level of trainee	Excellent
--------------------------------------	-----------

Response Catalogue of International Trainings under NAHEP



Chhavi Shaktawat



UG-III, MPUA&T, Udaipur

Training period	25/03/2019 to 06/04/2019 (15 days)
------------------------	------------------------------------

Visiting institute	Asian institute of technology, Thailand
---------------------------	---

Department	Department of Water Engineering and Management
-------------------	--

Thematic area	Unbundling the Engineering to Achieve Sustainable Development Goal 6
----------------------	--

Feedback

It was an excellent exposure for research work together with the practical fields and treatment plants. The faculty and mentors were very helpful and generous.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Ayush Dhaka



UG-II, MPUA&T, Udaipur

Training period 24/06/2019 to 06/07/2019 (13 days)

Visiting institute Western Sydney University, Australia

Department Agriculture Research

Thematic area Skills for Entrepreneurship and Management in Engineering and Agriculture

Feedback

It was an amazing experience. Under this training I learned a lot of things related to agriculture. The faculty of WSU taught us the issue related to environment, water and organic agriculture. This training gave us the opportunity to find new ways of entrepreneurship. Overall all it was a wonderful experience.

Satisfaction level of trainee Excellent



Uditi Dhakad



UG-III, MPUA&T, Udaipur

Training period 25/03/2019 to 06/04/2019 (12 days)

Visiting institute Asian Institute of Technology, Thailand

Department Water Engineering & Management

Thematic area Unbundling the Engineering to Achieve Sustainable Development Goal 6

Feedback

I got to learn many things regarding the topic of training concerned along with the practical knowledge of how to treat water and wastewater through visits to treatment plants. Everyday tests and various group activities enhanced our ability of thinking towards problem solving and working together towards the sustainable development goal 6. I grabbed lot of knowledge from learned professors and have developed a special relationship with the staff members too. Apart from that the experience to the city Bangkok was also pleasant. Along with lots of memories the training was successfully completed. In future if I will get the opportunity to be there again I would definitely love to.

Satisfaction level of trainee Excellent



Sarita Sukhwat



UG-III, MPUA&T, Udaipur

Training period 24/03/2019 to 6/04/2019 (12 days)

Visiting institute Asian Institute of Technology, Thailand

Department Agriculture Research

Thematic area Unbundling the Engineering to Achieve Sustainable Development Goal 6

Feedback

The training introduced us with various engineering concepts and applications to achieve SDG-6 through various group exercises, laboratory and field visits. Particularly visits to metropolitan waterworks authority, water and wastewater treatment plant and hydroponic farms enhanced our knowledge in the practical field. It also expanded our knowledge about hydroponics, vertical farming, climate smart and precision farming and improved understanding about wastewater treatment techniques. Overall training was good but I felt that training period should be enhanced for further trainees, it would be beneficial for them.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Meghana Singh Rajotia



UG-III, MPUA&T, Udaipur

Training period	24/06/2019 to 07/07/2019 (13 days)
Visiting institute	Western Sydney University, Australia
Department	Agriculture Research
Thematic area	International Certificate Training on Agriculture Entrepreneurship
Feedback	

First I would like to express my sincere gratitude and all thanks to the board of directors for giving me this opportunity and the valid support to be a part of this training program. All the professors were well read and erudite. The training was extremely informative and incredibly useful. This has more than met my expectations. Overall it was well orchestrated and eminently rewarding.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Bittu Solanki



UG-III, MPUA&T, Udaipur

Training period	23/06/2019 to 07/07/2019 (14 days)
Visiting institute	Western Sydney University, Australia
Department	Agriculture Research
Thematic area	Skills for Entrepreneurship and Management in Agriculture
Feedback	

The sessions were highly interactive and participatory. All the topics were useful and it has increased our understanding of the various new and innovative solutions related to agriculture. All the teachers and mentors of the training programme were full of knowledge. This international exposure helped me to gain more confidence and knowledge about New technologies of agriculture. It was brought a remarkable & life changing experience which we cannot forget.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Garima Tak



UG-III, MPUA&T, Udaipur

Training period 24/06/2019 to 06/07/2019 (13 days)

Visiting institute Western Sydney University, Australia

Department Agriculture Research

Thematic area Skills for Entrepreneurship and
Management in Engineering and
Agriculture

Feedback

It was a wonderful training program. We learned many new things. The staff of WSU was very supportive. We attended daily lectures on different aspects of agriculture. We learned about many new technologies. We visited the famous attractions of the city. Overall it was a very nice experience to learn new things about agriculture and experiencing a all new different culture of Australia.

Satisfaction level of trainee Excellent



Javed Khan



UG-III, MPUA&T, Udaipur

Training period 23/05/2019 to 07/06/2019 (13 days)

Visiting institute Western Sydney University, Australia

Department Agriculture Research

Thematic area Skills for Entrepreneurship and Management in Engineering and Agriculture

Feedback

First of all I am thankful to all. It was great pleasure for me to be part of international training program through IDP. We got a chance to get exposed to global knowledge of agriculture and also made aware about new technology of agriculture of another country. To learn new thing related to sustainable agriculture provided knowledge of setting up business with the help of agriculture unit and run it successfully

Satisfaction level of trainee Excellent



Mohammed Arman Khan



UG-III, MPUA&T, Udaipur

Training period 23/06/2019 to 07/07/2019 (13 days)

Visiting institute Western Sydney University, Australia

Department Agriculture Research

Thematic area International Certificate Training of Entrepreneurship for Agricultural Students.

Feedback

The total training was a life changing moment for the whole group. We learnt how to interact with scholars from diverse countries and cultural background and their pattern to teach. It was all a tremendous learning part for a student over the course programme.

Satisfaction level of trainee Excellent



Shaik Sanobar



UG-III, ANGRAU, Lam Guntur

Training period	20/06/2019 to 14/08/2019 (58 days)
Visiting institute	Kansas State University, USA
Department	Agriculture Research
Thematic area	Agricultural Engineering , Food Science
Feedback	

I enjoyed this program a lot and it provided me scope for my all around development. We came across different cultures, lifestyles and a way of cultivating crops in Kansas which is quite different from Indian situations. I got to know about wide career opportunities. This program helped me to define my goals and path for the future. Reaching out to faculty and Graduate students in departments of KSU was a great way to learn more about the processes and current research going there.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Ranjith Kumar Pinnamaneni



UG-III, ANGRAU, Lam, Guntur

Training period 01/06/2019 to 28/06/2019 (27 days)

Visiting institute Oklahoma State University, USA

Department Agriculture Research

Thematic area Entrepreneurship and Leadership

Feedback

As a part of this training I got exposure to most of the latest technologies and equipment being used in various labs under the department of Agriculture. We visited the Endeavour lab in which we gained the knowledge of 3d printing, automated hydraulic flume and universal testing machine. Later we visited the bioenergy systems and Ag engineering lab, food processing lab, Spears business school, Meridian technology centre, National Weather centre and few others. Our schedule was well planned. Besides this I got a clear idea of what to do after my undergraduate program.

Satisfaction level of trainee Excellent



Kunda Vishnupriya



UG-III, ANGRAU, Lam, Guntur

Training period	20/06/2019 to 14/08/2019 (58 days)
Visiting institute	Kansas State University, Kansas, USA
Department	Agriculture Research
Thematic area	Agricultural Engineering, Grain Science and Industry
Feedback	

Through this international exposure, I gained some knowledge on new technologies like PWM system used in sprayers, drone technology and huge sprayers etc. I also improved my communication skills by interacting with different students from different countries. Apart from technical side we had good cultural exchange and overall this international exposure was a great learning experience. I hope this international exposures can continue further so that more students can benefit.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Padma Pittala



UG-III, ANGRAU, Lam, Guntur

Training period	18/06/2019 to 15/08/2019 (58 days)
------------------------	------------------------------------

Visiting institute	Kansas State University, Kansas, USA
---------------------------	--------------------------------------

Department	Agriculture Research
-------------------	----------------------

Thematic area	Management of Store Grain Pest
----------------------	--------------------------------

Feedback	
-----------------	--

It was the best experience in my life on the part of educational and cultural exchange. These type of trainings at international locations are very useful to students to see how a multidisciplinary world class University works. I enriched my knowledge during the period I spent at KSU. I am very grateful to ANGRAU for providing this opportunity to me to enrich my knowledge.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Uppu Siri Chandana



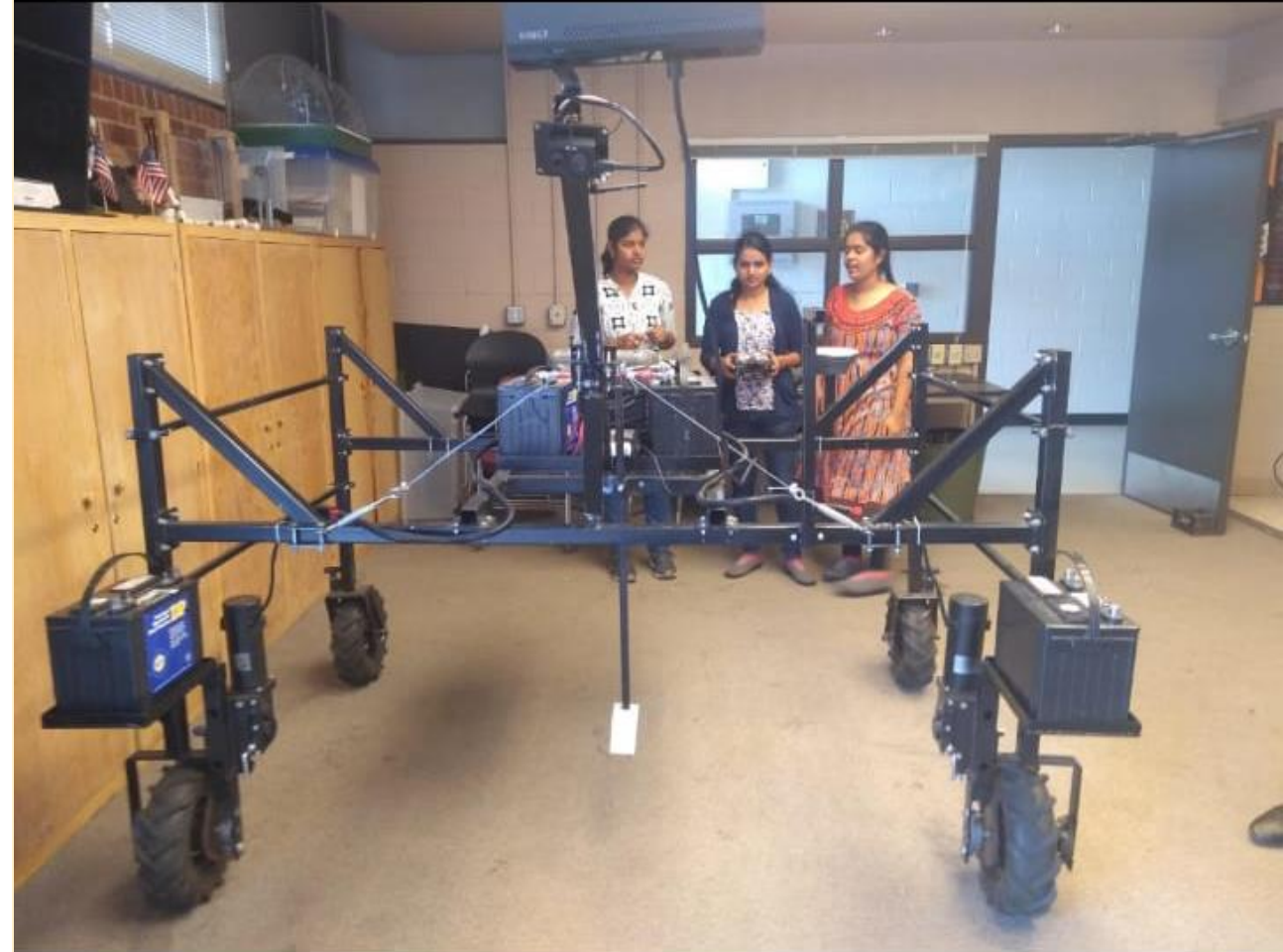
UG-III, ANGRAU, Lam, Guntur

Training period	1/6/2019 to 31/7/2019 (27 days)
Visiting institute	Oklahoma State University, USA
Department	Agriculture Research
Thematic area	Entrepreneurship and Leadership Training

Feedback

As part of this training I was exposed to most of the latest technologies and equipment being used in various labs under the department of Agriculture. We also visited several important labs and learned how to use the DSSAT software. For the second month we were pooled up with the Washington Nelson Mandela fellows and we had classes mostly on Entrepreneurship Development. As most of the African students have their own start-ups we got a chance to interact with them and learn some business skills and techniques. We gained the knowledge on product pricing and evaluation, corporate social responsibility, team building and financial management. I am very much thankful to ANGRAU, ICAR, NAHEP and World Bank for making this program successful.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Sai Padmini Rayudu



UG-III, ANGRAU, Lam, Guntur

Training period	01/06/2019 to 31/08/2019 (27 days)
Visiting institute	Oklahoma State University, USA
Department	Agriculture Research
Thematic area	Entrepreneurship and Leadership Training
Feedback	

The two months training programme was one of the most exciting and useful days I have ever had. In the first month of our programme, we got to know the various research activities going in every department. Most of these researches are centred around the needs of their state agriculture. As part of skill development, we learnt how to forecast weather using DSSAT portal. This knowledge of weather forecasting definitely will help in my future works because future agriculture mostly depends on climate change. In second month, we collaborated with Nelson Mandela group and got a chance to learn entrepreneurship from the young entrepreneurs. I feel these programmes are very useful for the students because they get a chance to see the world in different perspective and it enables them to think greater and larger.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Hari Vijaya Teja



UG-III, ANGRAU, Lam, Guntur

Training period 18/06/2019 to 15/06/2019 (58 days)

Visiting institute Kansas State University, USA

Department Department of Genetics and Plant Breeding

Thematic area Genetics and Plant Breeding

Feedback

As part of my interest I was placed in the Field of Plant Breeding and we were taught some theory lectures there and taken to visit at Hays Research Station for practical exposure. At off campus - Hays, I learned to identify the different hybrids and gained knowledge about the sophisticated completely automatic sorghum planter which uses the GPS technology to sow the seeds which saves the labour effort drastically. I also learned about measuring the leaf area of sorghum using the leaf area meter and the principle behind it and came to know how to count the stomata using the different software. I also learned how to operate the growth chambers such as adjusting the temperature and intensity of light inside it.

Satisfaction level of trainee Excellent



Krupa Bindu Vuchula



UG-III, ANGRAU, Lam, Guntur

Training period 01/06/2019 to 29/06/2019 (27 days)

Visiting institute Oklahoma State University, USA

Department Agriculture Research

Thematic area Entrepreneurship and Leadership Training

Feedback

The one month of training stint was one of the most exciting and useful days I have ever had. In that programme, we got to know the various research activities going in every department. I am very much thankful to world bank, NAHEP, ICAR and ANGRAU for giving this Opportunity.

Satisfaction level of trainee Excellent



Muvvala Raghava Srinivas



UG-III, ANGRAU, Lam, Guntur

Training period	01/06/2019 to 30/07/2019 (27 days)
------------------------	------------------------------------

Visiting institute	Oklahoma State University, USA
---------------------------	--------------------------------

Department	Agriculture Research
-------------------	----------------------

Thematic area	Entrepreneurship and Leadership Training
----------------------	--

Feedback	
-----------------	--

It was an excellent opportunity for the students like me who wants to study abroad in countries like USA. We learned so many advanced agriculture technological approaches like concept treatment in maize. We came to know there are lot of opportunities in agriculture sector.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Arji Ravi Chandra Srinivas



UG-III, ANGRAU, Lam, Guntur

Training period	1/05/2019 to 28/05/2019 (27 days)
------------------------	-----------------------------------

Visiting institute	Oklahoma State University, USA
---------------------------	--------------------------------

Department	Agriculture Research
-------------------	----------------------

Thematic area	Entrepreneurship and Leadership Development Program
----------------------	--

Feedback

The experience I had gained through this programme was a great learning. Having visited various departments and laboratories enlightened me of my own future research career. I got particularly interested in DSAAT application software i.e. crop modelling. It would be more helpful if the tenure of the programme was more lengthier. It has helped me in fine tuning my future research objectives. The university was very generous in hosting us and I thank everyone associated with this training program.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Y Sandeep Kumar



UG-III, ANGRAU, Lam, Guntur

Training period	01/06/2019 to 28/07/2019 (27 days)
------------------------	------------------------------------

Visiting institute	Oklahoma State University, USA
---------------------------	--------------------------------

Department	Agriculture Research
-------------------	----------------------

Thematic area	Entrepreneurship and Leadership Development Program
----------------------	--

Feedback

As part of this training programme we got opportunity to know about latest technologies and equipment being used in various labs under the department of Agriculture. We visited several important labs. For the second month we were pooled up with the Washington Nelson Mandela fellows and we had classes mostly on Entrepreneurship Development. It was great interacting with these scholars and learning about their skills. I am very much thankful to ANGRAU, ICAR, NAHEP and World Bank for making this program successful.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Yalamareddy Kiranmai



UG-III, ANGRAU, Lam, Guntur

Training period 18/06/2019 to 15/08/2019 (58 days)

Visiting institute Kansas State University, USA

Department Agriculture Research

Thematic area Practical Crop Production ,Weed Management and Crop simulation Modelling

Feedback

It was a great learning experience for me I gained immensely not only in my subject area but the training stint has helped me improve my personality traits. I want to thank everyone who have facilitated this training programme.

Satisfaction level of trainee Excellent



Ananthakrishnan H



UG-III, ANGRAU, Lam, Guntur

Training period 18/06/2019 to 15/08/2019 (58 days)

Visiting institute Kansas State University, USA

Department Department of Agronomy

Thematic area Agronomy and Crop simulation Modelling

Feedback

I was fortunate enough to be selected for IDP (Institutional Development Plan) which provided me this opportunity. The training has improved my level of understanding of agriculture especially agricultural research. The most important aspect of this programme is the opportunity it provided me to work under highly qualified faculty who are well versed in their respective fields. It also provided me with the Opportunity to work with students from different levels of education and from different countries of the world. The opportunity provided has also improved my understanding about the problems and challenges faced by global agriculture.

Satisfaction level of trainee Excellent



Bala Subramanyam Sivarathri



UG-III, ANGRAU, Lam, Guntur

Training period	30/05/2019 to 29/06/2019 (27 days)
------------------------	------------------------------------

Visiting institute	Oklahoma State University, USA
---------------------------	--------------------------------

Department	Department of Plant and Soil Science
-------------------	--------------------------------------

Thematic area	Entrepreneurship and Leadership Training
----------------------	--

Feedback

As a part of my training at Oklahoma State University, I visited many labs which is doing research on different aspects like waste water management, drones in agriculture, green seeker for nitrogen estimation. Visited meridian technology at which different life skills are learnt. I discovered about Master's admission process at USA. I also visited USDA and Noble research center where different research activities takes place every season on crops and animal husbandry. This training has helped me a lot to learn many things in my career.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Siriki Varalakshmi



UG-III, ANGRAU, Lam, Guntur

Training period	01/06/2019 to 28/07/2019 (27 days)
Visiting institute	Oklahoma State University, USA
Department	Agriculture Research
Thematic area	Entrepreneurship and Leadership Training

Feedback

As part of this training, we got acquainted with most of the latest technologies and equipment being used in various laboratories under the Department of Agriculture. We got an opportunity to visit several important labs. For the second month, we were pooled up with the Washington Nelson Mandela fellows which again provided a great learning in enterprise management in agriculture. I am thankful to ANGRAU, ICAR, NAHEP and World Bank for making this program a grand success and giving me this wonderful opportunity.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Satya Praveen Pasala



UG-III, ANGRAU, Lam, Guntur

Training period 20/06/2019 to 14/08/2019 (58 days)

Visiting institute Kansas State University, USA

Department Grain Science and Industry
Department

Thematic area Management of Store Grain Pest

Feedback

The main objective was to know the effect of triplex cake on the flowability of wheat grains. It was an enriching experience getting acquainted with different instruments in the laboratory. Above all there was an overall development in each individual. Everyone seemed so engrossed about their research that made us to focus on our career objectives with greater intensity. Thanks to all behind materialising this internship under IDP-NAHEP.

Satisfaction level of trainee Excellent



Gayathri Karani



UG-III, ANGRAU, Lam, Guntur

Training period 01/06/2019 to 28/06/2019 (27 days)

Visiting institute Oklahoma State University, USA

Department Agriculture Research

Thematic area Entrepreneurship and Leadership Training

Feedback

This training program helped us a lot in exploring new things and exposed us practically to latest technologies. As part of our training program we visited National Weather Center, United States department of agriculture. Endeavour lab where we learned 3D printing techniques and different testing machines. I am very much grateful and thankful to ANGRAU, ICAR, NAHEP, and WORLD BANK for providing us such a great opportunity and i hope the same will be continued further as the training programs like this help in developing world class universities.

Satisfaction level of trainee Excellent



Kante Nithin



UG-III, ANGRAU, Lam, Guntur

Training period 01/06/2019 to 28/06/2019 (27 days)

Visiting institute Oklahoma State University, USA

Department Agriculture Research

Thematic area Entrepreneurship and Leadership Training

Feedback

We visited the Endeavour lab in which we gained the idea regarding 3d printing , automated hydraulic flume and universal testing machine. Special lectures were held on Entomology and Plant Pathology. Later we visited the bioenergy systems and Ag engineering lab, food processing lab, Spears business school, Meridian technology center, Weather center and many other as a part of our visit. Apart from this as part of skill development, crop modelling sessions were held and we learned how to use the DSSAT software. I am very much thankful to ANGRAU, ICAR, NAHEP and World Bank for making this program successful.

Satisfaction level of trainee Excellent



Varikuti Vaishnavi



UG-III, ANGRAU, Lam, Guntur

Training period	18/06/2019 to 18/08/2019 (58 days)
Visiting institute	Kansas State University, USA
Department	Department of Grain Science and Industry

Thematic area Genetics and Plant Breeding

Feedback

It was a great experience to be there as an intern for 8 weeks. We came across many new technologies which we cannot see in our home country usually. Visit to USDA (United States Department of Agriculture) was a very helpful trip to learn about a wide variety of things and got to know about the latest projects that are going on. We visited Wheat Innovation Center which led us to many questions in our mind about the new technique known as double haploids. Crop modelling lectures were well designed to compare the different factors influencing crop growth within a short time using graphs. This was the most fascinating thing I came across. This programme helped me a lot in improving my overall personality and communication skills.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Vaishnavi Choudam



UG-III, ANGRAU, Lam, Guntur

Training period 20/06/2019 to 15/08/2019 (58 days)

Visiting institute Kansas State University, USA

Department Department of Grain Science and Industry

Thematic area Genetics and Plant Breeding

Feedback

It was really a great experience. Main objective of training was to impart lesson on reducing the use of chemical fertilizers. Being an undergraduate getting this opportunity of international exposure at this level will definitely help me in building my future with a particular shape. The stint has enlarged my thinking capacity and analysing nature about the ongoing developments around the world. My sincere thanks to everyone who funded me and supported me and making the things happen in a pleasant manner.

Satisfaction level of trainee Excellent

Response Catalogue of International Trainings under NAHEP



Cerly Rini Yeruva



UG-III, ANGRAU, Lam, Guntur

Training period 20/07/2019 to 14/08/2019 (25 days)

Visiting institute Kansas State University, USA

Department Department of Agronomy

Thematic area Crop Production Practices, Use of UAV's in Collecting data, Meteorology

Feedback

Through this opportunity I came to know how research is being done(use of isotopes of nitrogen to identify its path in plants, collection of ground data & comparing with UAV data),use of Crop simulation models such as APSIM model for predicting yield under various climatic, soil conditions, mobile weather towers, fluid flumes, contour farming, use of gasifiers, rain sensors etc. Express my gratitude to all for giving this opportunity.

Satisfaction level of trainee Excellent



Malik Basha Dudekula



UG-III, ANGRAU, Lam, Guntur

Training period 20/06/2019 to 15/08/2019 (58 days)

Visiting institute Kansas State University, USA

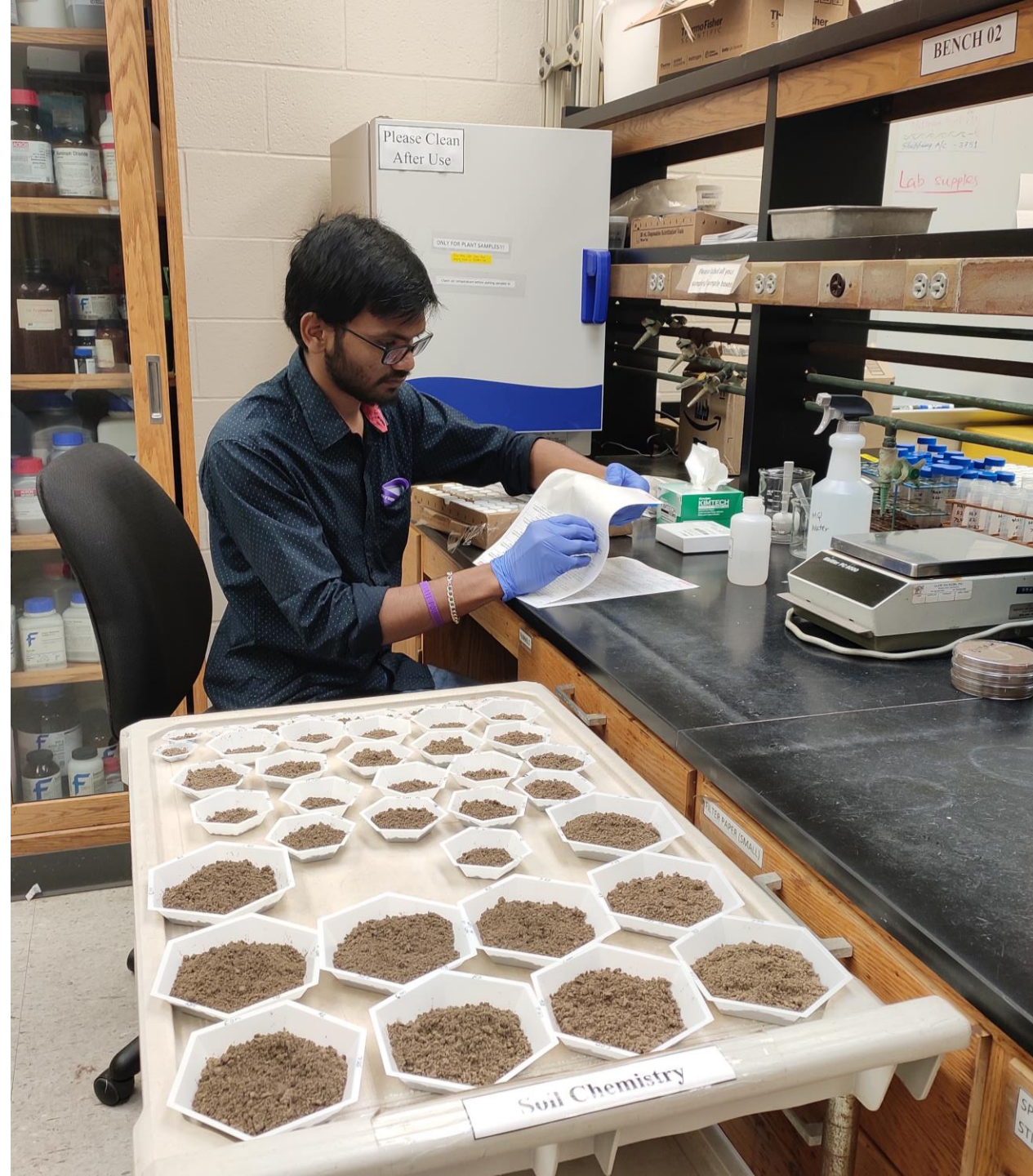
Department Department of Agronomy

Thematic area Soil Science, Research on Recycling of Waste into Fertilizer

Feedback

During these program I had exposure to various cultural and technical aspects, had working experience with various laboratory equipment's such as ICP, incubator, soil and plant sample digester, mechanical shaker, automatic sample analysers in working for research on recycling of waste to fertilizers and Phyto stabilisation of pb. The program has impacted me in various aspects and left a feeling that I can stand tall against all odds in order to get desired end.

Satisfaction level of trainee Excellent



Manogna Devi Adari



UG-III, ANGRAU, Lam, Guntur

Training period 18/06/2019 to 15/08/2019 (58 days)

Visiting institute Kansas State University, USA

Department Department of Agronomy

Thematic area Genetics and Plant Breeding

Feedback

Through this training program, I was exposed to the various advance researches in the field of genetics and breeding for combating with the global needs and got trained in the latest technology of doubled haploid production in Wheat. I was exposed to a high class education system and great infrastructure and equipment available for the students. This programme helped me expand the boundaries for welcoming the opportunity the world is offering and has also helped me to see a bigger picture for myself and for the university.

Satisfaction level of trainee Excellent



Priyanka Kandagadda



UG-III, ANGRAU, Lam, Guntur

Training period	20/06/2019 to 15/08/2019 (58 days)
Visiting institute	Kansas State University, USA
Department	Department of Agronomy
Thematic area	Genetics and Plant Breeding

Feedback

During the training I got to learn about new technologies and also received practical exposure. In plant breeding and genetics I came across double haploid production in wheat and microspore culture in oats. With this technology we can develop a variety within 6-7 years which under conventional method takes 12-13 years. The principle involved in this method is doubling of chromosomes that takes place through Colchicine treatment. This method is most helpful for the research scientists since it saves a lot of time. I am hopeful that this programme will become a platform for a bright career for me. It has helped in all round development of my personality and enriched me academically.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Vajrapu Lakshmi Priya



UG-III, ANGRAU, Lam, Guntur

Training period 18/06/2019 to 15/08/2019 (58 days)

Visiting institute Kansas State University, USA

Department Department of Agronomy

Thematic area Genetics and Plant Breeding

Feedback

During the training programme I was exposed to different techniques in grain science and industry department and also participated in their research projects. As an Intern , I got the opportunity of doing project work on finding the effect of filter cake on flowability of wheat grains and got real experience of what research means. The weekly talks and lab tours were also a good supplement to my Internship experience and provided an opportunity to learn about other types of research. By working and interacting with different people , I learners to be bolder and more confident. This training programme has been greatly helpful for me in developing my skills.

Satisfaction level of trainee Excellent



Madhulatha Saina



UG-III, ANGRAU, Lam, Guntur

Training period	18/06/2019 to 15/08/2019 (58 days)
------------------------	------------------------------------

Visiting institute	Kansas State University, USA
---------------------------	------------------------------

Department	Department of Agronomy
-------------------	------------------------

Thematic area	Genetics and Plant Breeding
----------------------	-----------------------------

Feedback	
-----------------	--

I'm highly satisfied with this programme it gave me a good exposure to use of new technology and research. I am hopeful it will provide me necessary advantages required for my future research career. Thanks to ICAR, NAHEP for providing this opportunity.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Rachana Landa



UG-III, ANGRAU, Lam, Guntur

Training period 15/05/2019 to 15/08/2019 (91 days)

Visiting institute Kansas State University, USA

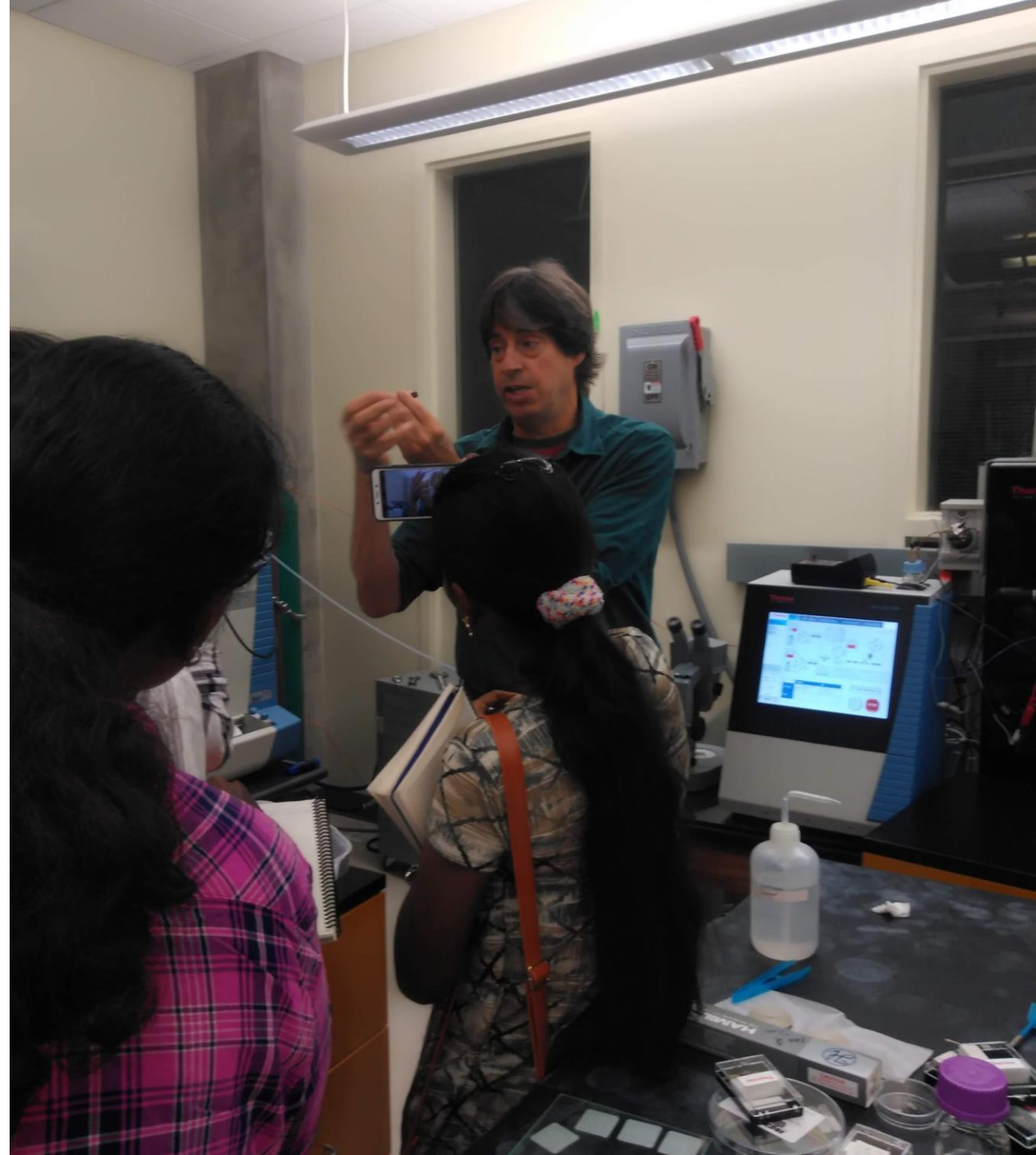
Department Department of Grain Science & Industry

Thematic area Genetics and Plant Breeding.

Feedback

Through this training we got to know, to modify the storage structures according to grain to be stored, to produce food that is gluten free, to produce flour with very less wastage in milling process, to record the content in the milled flour. The knowledge and experience that I gained in the undergraduate program has generated keen interest about the subject and grain behaviour at different conditions, At the beginning we were made familiar with the equipment and later we were allotted with a project under which we were encouraged to develop our own protocol to accomplish the project. This internship pushed me forward to pursue higher education and accelerated my thoughts towards research career.

Satisfaction level of trainee Excellent



Nookala Sai Aparna



UG-III, ANGRAU, Lam, Guntur

Training period 18/06/2019 to 14/08/2019 (58 days)

Visiting institute Kansas State University, USA

Department Department of Grain Science & Industry

Thematic area Genetics and Plant Breeding.

Feedback

It was a great experience for me doing internship in KSU. By this programme, we came to know the research work procedure going over there. Personally it has helped me in setting my research and career goals.

Satisfaction level of trainee Excellent



Mummasani Asritha



UG-III, ANGRAU, Lam, Guntur

Training period 18/06/2019 to 15/08/2019 (58 days)

Visiting institute Kansas State University, USA

Department Department of Grain Science and Industry

Thematic area Genetics and Plant Breeding

Feedback

I worked with very sophisticated instruments in weed science laboratory and visited fields of weed science department and understood the projects and analysed the difference between our research and their research. We got exposed to many new technologies in research stations, mainly in USDA head quarters. I'm very satisfied with the training and experience. Thanks to all for providing this opportunity

Satisfaction level of trainee Excellent



Likhita Gurugubelli



UG-III, ANGRAU, Lam, Guntur

Training period 2/06/2019 to 29/02/2019 (27 days)

Visiting institute Oklahoma State University, USA

Department Department of Plant and Soil Sciences

Thematic area Entrepreneurship and Leadership Training

Feedback

It was a great learning experience. Genuinely speaking, apart from knowledge it has helped in my overall personality development. I have become more clear about research career.

Satisfaction level of trainee Excellent



Dasari Madhu



UG-III, ANGRAU, Lam, Guntur

Training period 31/05/2019 to 29/06/2019 (27 days)

Visiting institute Oklahoma State University, USA

Department Department of Plant and Soil Sciences

Thematic area Entrepreneurship and Leadership Training

Feedback

I'm very much thankful to ICAR for providing such innovative training program for the students at UG level .We have seen several World class laboratories and how World class institutions Operates in USA. It has helped me in shaping my career goals. Not only me but the students who went for training have given several presentation about our training and motivated other students in my University.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Lavanya Porika



UG-III, ANGRAU, Lam, Guntur

Training period	2/06/2019 to 28/06/2019 (27 days)
------------------------	-----------------------------------

Visiting institute	Oklahoma State University, USA
---------------------------	--------------------------------

Department	Department of Plant and Soil Sciences
-------------------	---------------------------------------

Thematic area	Entrepreneurship and Leadership Training
----------------------	--

Feedback

The schedule of the training programme was very well prepared. In Kansas State University we visited Flint Hills Discovery center, Turtle Creek lake and agronomy farm. In Oklahoma State University we visited food and agricultural center, soil, water and forage testing laboratory, Spears school of Business, Endeavor lab, USDA. We got to learn about cross timber land use, meridian technology, entomology and plant pathology departments. It was wonderful program where we also got an opportunity to know about people from other cultural contexts.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Nikadi Tejaswini



UG-III, ANGRAU, Lam, Guntur

Training period 01/06/2019 to 29/06/2019 (27 days)

Visiting institute Oklahoma State university, USA

Department Department of Plant and Soil Sciences

Thematic area Entrepreneurship and Leadership Training

Feedback

Under this international training I have gained lot of knowledge in modern agriculture techniques. I have gained knowledge about different agriculture equipment's and use of drones in agriculture. I was exposed to the global developments in modern agriculture. The training stint has provided me lot of confidence. I am really thankful to World Bank, ICAR and NAHEP

Satisfaction level of trainee Excellent



Niharika Vullaganti



UG-III, ANGRAU, Lam, Guntur

Training period	20/06/2019 to 15/08/2019 (58 days)
------------------------	------------------------------------

Visiting institute	Kansas State University, USA
---------------------------	------------------------------

Department	Department of Soil Microbiology
-------------------	---------------------------------

Thematic area	Genetics and Plant Breeding, Soil Microbiology
----------------------	--

Feedback

The programme helped us to improve our standards of knowledge. We have got an international exposure. We came to know about the agriculture and its situation worldwide. We got familiarized with the latest equipment in agriculture. Apart from academics, the programme had shown a great influence on our personality, our perspective of thinking on various aspects of agriculture, research. We have got a chance for developing good communication skills and also cultural exchange, we have interacted with students from various other countries.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Nagamani Kanchupati



UG-III, ANGRAU, Lam, Guntur

Training period 18/06/2019 to 15/08/2019 (58 days)

Visiting institute Kansas State University, USA

Department Department of Grain Science & Industry

Thematic area Management of Store Grain Pest

Feedback

It was good experience to know how things are managed there with the help of modern technology. I also got well acquainted with the research going in the department and got to know the difference between farming in India and USA because of this training and also marketing details in America. I was also exposed to the research going there in different departments. The training stint has given me lot of confidence and improved my communication skills and knowledge in the grain store pest management and production aspects.

Satisfaction level of trainee Excellent



Lokeswari Devi Mannela



UG-III, ANGRAU, Lam, Guntur

Training period 30/05/2019 to 29/06/2019 (27 days)

Visiting institute Oklahoma State University, USA

Department Department of Plant & Soil Sciences

Thematic area Entrepreneurship and Leadership Training

Feedback

As part of my training program at Oklahoma State University, I visited many labs doing research on different aspects like Green seeker for nitrogen estimation, drones in agriculture, waste water management, robotics, We visited Meridian technology at which different life skills are learnt . I also visited the USDA and Noble research center where different research activities take place every season on crops and animal husbandry. I also learnt brief details about topics related to biochemistry and molecular biology, mainly protein crystallography and micro RNA gene regulation. This training has helped me a lot to learn many things in my career.

Satisfaction level of trainee Excellent



Ruksar Bistha



UG-III, ANGRAU, Lam, Guntur

Training period

01/06/2019 to 29/07/2019 (27 days)

Visiting institute

Oklahoma State University, USA

Department

Agriculture Science & Natural Resources

Thematic area

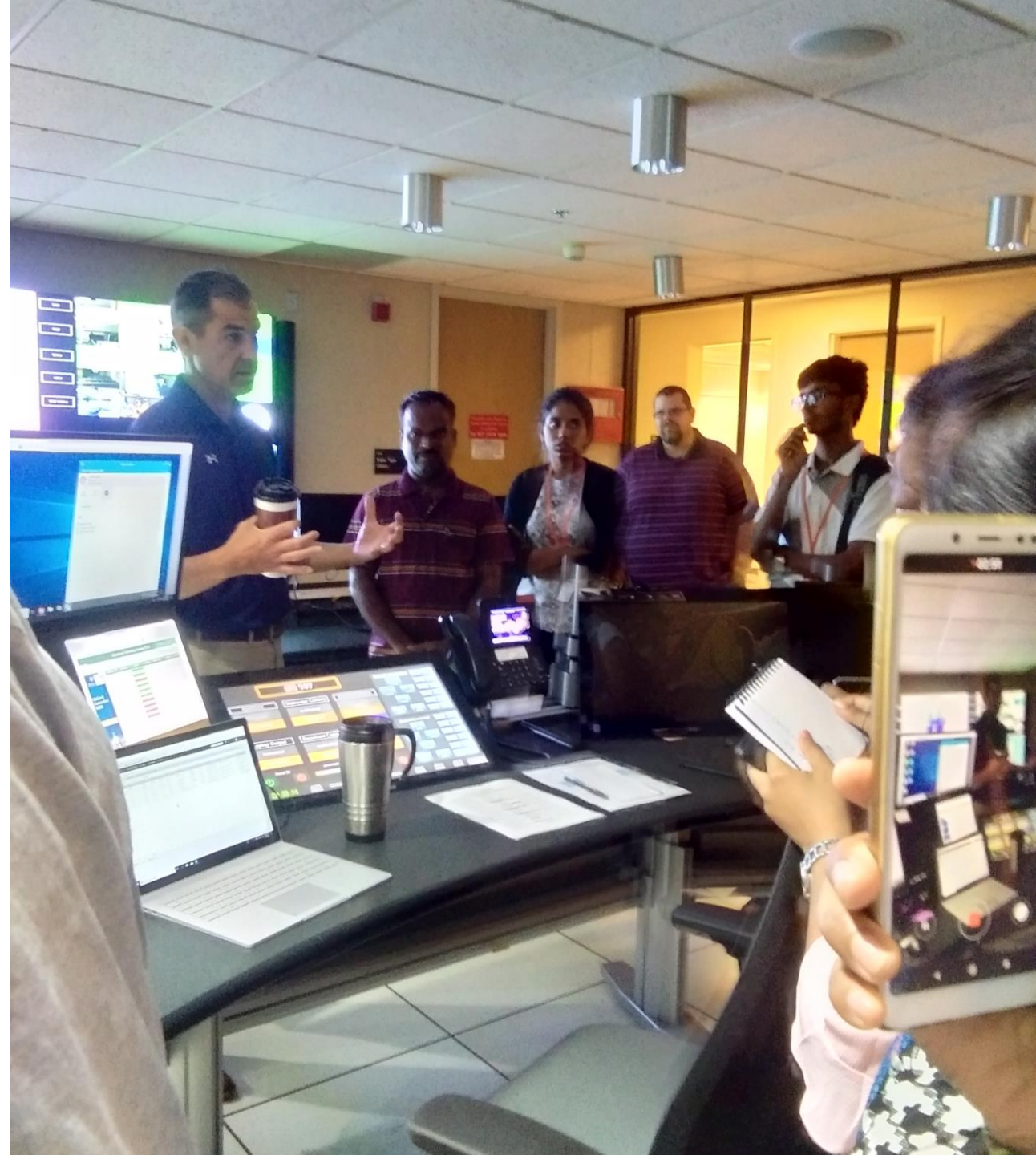
Entrepreneurship and Leadership Development

Feedback

Through this training programme I came to know about research facilities available in world class universities and how they are changing the face of agriculture world wide. I was a great learning experience and provided me with lot of confidence and made me sharpen my future research objectives.

Satisfaction level of trainee

Excellent



Kudupoodi Raghunadh



UG-III, ANGRAU, Lam, Guntur

Training period 01/06/2019 to 28/07/2019 (27 days)

Visiting institute Oklahoma State University, USA

Department Agriculture Science & Natural Resources

Thematic area Entrepreneurship and Leadership Development

Feedback

It was a great opportunity. It has enabled me to improve my skills in communication and leadership along with having good exposure to new technology in agricultural and allied sectors apart from having great cultural exchange and exposure.

Satisfaction level of trainee Excellent



Pravallika Yechuri



UG-III, ANGRAU, Lam, Guntur

Training period	20/06/2019 to 14/08/2019 (58 days)
------------------------	------------------------------------

Visiting institute	Kansas state University, USA
---------------------------	------------------------------

Department	Department of Agronomy
-------------------	------------------------

Thematic area	Genetics and Plant Breeding
----------------------	-----------------------------

Feedback

First of all I would like to thank my university for giving this opportunity to me. I learnt a lot of things regarding usage of new technologies and went through new experiences in KSU. I worked under Dr. Ram and he took classes regarding plant sciences. We also visited the Sorghum fields and did emasculation there. Under pathology we learnt about diseases. I felt myself blessed for getting this opportunity. Thank you so much to my university.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



N. Ruth Hepsi Sindhura



UG-III, ANGRAU, Lam, Guntur

Training period	20/06/2019 to 14/8/2019 (58 days)
------------------------	-----------------------------------

Visiting institute	Kansas state University, USA
---------------------------	------------------------------

Department	Department of Grain and Industry
-------------------	----------------------------------

Thematic area	Genetics and Plant Breeding
----------------------	-----------------------------

Feedback

I really feel glad to have got such an opportunity to visit USA for internship. I had a great practical experience of a breeder working in the fields for emasculation and grading of plants for desirable characters. I also learned about double haploid technique, genetic markers, and had classes on basic genetics and plant pathology. It's really a good experience for students like us. I thank IDP team for selecting and sending me.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Sneha Bezzam

UG-III, ANGRAU, Lam, Guntur

Training period 30/05/2019 to 29/06/2019

Visiting institute Oklahoma State University, USA

Department Department of Plant and Soil Science

Thematic area Entrepreneurship & Leadership Development

Feedback

International training programme at Oklahoma State University was really a great experience. I visited different types of laboratories such as biotechnology lab, endeavour lab, food processing lab, business school, USDA and noble research institute where different research activities take place every season on different crops and animal husbandry. This training programme helped me to gain confidence and to open up myself. These type of programmes are essential for the students to know the opportunities available.

Satisfaction level of trainee Excellent



Tejaswini Kamireddy



UG-III, ANGRAU, Lam, Guntur

Training period 18/06/2019 to 18/08/2019 (58 days)

Visiting institute Kansas state University, USA

Department Department of Grain and Industry

Thematic area Genetics and Plant Breeding

Feedback

In the two months of my internship programme I came across a wide range of scientific knowledge and technical aspects. I was exposed to different machinery like planters, combined harvesters with GPS technology. I attended a class on genomics where I got to see the latest technologies like next generation sequencing. I attended a workshop on R language. I learnt about QTL mapping and molecular markers and their applications. I also visited the wheat innovation centre where production of double haploids are going on and I learnt about the process. I was exposed to new technologies like rainout shelters, heat tents. I learned about blast in wheat and rice in the department of plant pathology. I sincerely feel this is a wonderful exposure and has changed my mind set on future goals.

Satisfaction level of trainee Excellent



Anu Thahaniya



UG-III, ANGRAU, Lam, Guntur

Training period 20/06/2019 to 14/08/2019 (58 days)

Visiting institute Kansas State University, USA

Department Department of Grain and Industry

Thematic area Genetics and Plant Breeding

Feedback

The internship in Kansas State University was like the dream come true for me. The project on particle density in grain science department made me to think about the wide scope of the study in the future of agribusiness study by mainly focusing to maximize the load per truck by change in tampering condition of wheat and thus reduce the transportation cost to an extent. It also made me to think that the agribusiness and industrial sector of India still have many undiscovered scopes. Hailing from a small village in Kerala this internship is far beyond my imagination and I am really thankful to IDP, NAHEP, ICAR and KSU for giving me this opportunity. I assure that from the inspiration I attained from this internship I will try my level best to contribute to our agriculture community.

Satisfaction level of trainee Excellent



Eddula Bharathi



UG-III, ANGRAU, Lam, Guntur

Training period 18/06/2019 to 15/08/2019 (58 days)

Visiting institute Kansas State University, USA

Department Department of Grain and Industry

Thematic area Genetics and Plant Breeding

Feedback

My training stint has enriched me in terms of knowledge and experience. I got more experience regarding modern technologies of harvesting, processing. This experience is going to be very rewarding for my future research career.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Purvanshu Yadav



UG-III, ANGRAU, Lam, Guntur

Training period	01/06/2019 to 30/06/2019 (27 days)
------------------------	------------------------------------

Visiting institute	Oklahoma State University, USA
---------------------------	--------------------------------

Department	Department of Plant and Soil Science
-------------------	--------------------------------------

Thematic area	Entrepreneurship & Leadership Development
----------------------	---

Feedback	
-----------------	--

This programme is a very innovative step to revamp the personality of the students with a wide cultural exposure that would have not been possible without this training. This programme was carefully designed to incorporate all the essential qualities for instilling leadership qualities among the participants. I feel totally satisfied with this programme and thanks to all for making this possible.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Anantharapu Asha Jyothi



UG-III, ANGRAU, Lam, Guntur

Training period	29/5/2019 to 29/6/2019 (27 days)
Visiting institute	Oklahoma State University, USA
Department	Department of Plant and Soil Science
Thematic area	Entrepreneurship & Leadership Development

Feedback

It feels very fortunate to be part of this training program. In this training program I learnt lot of things particularly in agriculture sector present over there. I came to know how agricultural engineering plays a major role in the society. I am very thankful to the world bank for making the trip more successful and also my thanks to the university for conducting this training program. I feel motivated enough to do my best to further hone the skills I have learned there. My humble request to the university is to conduct more such training which are beneficial for students.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Pallaganti Sowmya



UG-III, ANGRAU, Lam, Guntur

Training period	1/06/2019 to 28/07/2019 (27 days)
------------------------	-----------------------------------

Visiting institute	Oklahoma State University, USA
---------------------------	--------------------------------

Department	Department of Plant and Soil Science
-------------------	--------------------------------------

Thematic area	Entrepreneurship & Leadership Development
----------------------	---

Feedback

I was exposed to the new technologies in the agricultural sector which can be adapted in our country. We were taught about start ups and their management. We were taken to the agricultural based industries like ice cream factory and livestock management areas for practical demonstration. Conserving the limited natural resources was the area which caught my eye as our country need this. Apart from technical aspects I also discovered cultural features of people.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



K. Lakshmi Bhavani



UG-III, ANGRAU, Lam, Guntur

Training period 1/06/2019 to 28/07/2019 (27 days)

Visiting institute Oklahoma State University, USA

Department Department of Plant and Soil Science

Thematic area Entrepreneurship & Leadership Development

Feedback

It was wonderful experience and we had wide exposure to world-class universities classrooms, technology and their culture. The main thing we learnt there is use of innovation and inventions and making them accessible to maximum number of people. I remain grateful to all for making this possible.

Satisfaction level of trainee Excellent



Chandini S K



UG-III, ANGRAU, Lam, Guntur

Training period 1/06/2019 to 28/07/2019 (27 days)

Visiting institute Oklahoma State University, USA

Department Department of Plant and Soil Science

Thematic area Entrepreneurship & Leadership Development

Feedback

This training program provides practical exposure to various advanced technologies in agriculture and other aspects and this program helped us to improve communication skills and knowledge. At personal level it has provided me platform for planning my higher studies in some good university abroad.

Satisfaction level of trainee Excellent



Tejaswini Padamati



UG-III, ANGRAU, Lam, Guntur

Training period	18/06/2019 to 15/08/2019 (58 days)
Visiting institute	Kansas State University, USA
Department	Department of Grain and Industry
Thematic area	Genetics and Plant Breeding
Feedback	

Through this 8 weeks internship programme, our communication skills are improved, we came to know about wide range of opportunities available around the world. In my point of view programmes like this are very important for young brains, thank you so much for providing such a great opportunity.

Satisfaction level of trainee	Excellent
-------------------------------	-----------



Tribikram Gejo



UG-III, ANGRAU, Lam, Guntur

Training period	18/06/2019 to 15/08/2019 (58 days)
------------------------	------------------------------------

Visiting institute	Kansas State University, USA
---------------------------	------------------------------

Department	Department of Grain and Industry
-------------------	----------------------------------

Thematic area	Genetics and Plant Breeding
----------------------	-----------------------------

Feedback

It was a great experience for me. I got a chance to learn about the management of storage grain pest. This programme is helpful to build a career in research. My overall experience was good. I suggest to continue this programme so that student will get a opportunity to learn about different new technologies which are not available here at the same time they can learn about different culture and many more. Thank you.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Pasam Thriveni



UG-III, ANGRAU, Lam, Guntur

Training period

1/06/2019 to 28/07/2019 (27 days)

Visiting institute

Oklahoma State University, USA

Department

Department of Plant and Soil Science

Thematic area

Entrepreneurship & Leadership
Development

Feedback

We got opportunity to see many labs with full equipment and also new technologies like variable irrigation technique, river technology, hydroponics etc. We also interacted with professors and school teachers. As a part of skill development we learnt basic crop modelling by using DSSAT app. In second month we were combined with the Nelson Mandela fellows and we were taught the entrepreneurship skills. We gained immensely both in terms of knowledge and practical exposure. Heartfelt thanks to all behind this.

Satisfaction level of trainee

Excellent



Akshaya Surendran



UG-IV, TANUVAS, Chennai

Training period 28/9/2019 to 23/11/2019 (56 days)

Visiting institute Washington State University, USA

Department Department of Veterinary Medicine

Thematic area Veterinary Clinical Practice

Feedback

The experience was very much useful. It helped me to gain much more knowledge about the veterinary medicine. I got to see how much advanced the veterinary field was there and how much we need to improve as well as need to adapt by learning from there or keeping them as a model and improvise new techniques and technologies which is suitable for our country.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Aswath M S



UG-IV, TANUVAS, Chennai

Training period 30/09/2019 to 23/11/2019 (56 days)

Visiting institute Washington State University, USA

Department Department of Veterinary Medicine

Thematic area Veterinary Clinical Practice

Feedback

It was a wonderful opportunity to learn the protocols and advanced techniques in the field of Vet Med. The main difference I have learnt is the application of simple basic stuffs in a highly complicated case with tactics, which I feel lack in India. Cordiality between students and faculty is incredible and paves the way for better learning and understanding. We had hands on training in the various clinical rotations and highly impressed by Simulation center, which will be wonderful if implemented in India. Thank you ICAR and everyone behind this.

Satisfaction level of trainee Excellent



Salma Begum Mubarakali



UG-IV, TANUVAS, Chennai

Training period 16/9/2019 to 16/11/2019 (61 days)

Visiting institute Oklahoma State University, USA

Department Department of Veterinary Medicine

Thematic area Veterinary Clinical Practice

Feedback

Clinical training includes small animal internal medicine, equine medicine, ultrasonography, intensive care unit, cardiology, ophthalmology, small animal surgery. This was very useful program to improve my diagnostic skills and learned different treatments strategies available. It helped me to know about different surgical procedures used in life threatening diseases. It provided good learning skills in diagnosing different diseases. It helped me to understand the client dealing

Satisfaction level of trainee Excellent



Aswathy Mohan Avinjiyil



UG-IV, TANUVAS, Chennai

Training period 30/09/2019 to 23/11/2019 (56 days)

Visiting institute Washington State University, USA

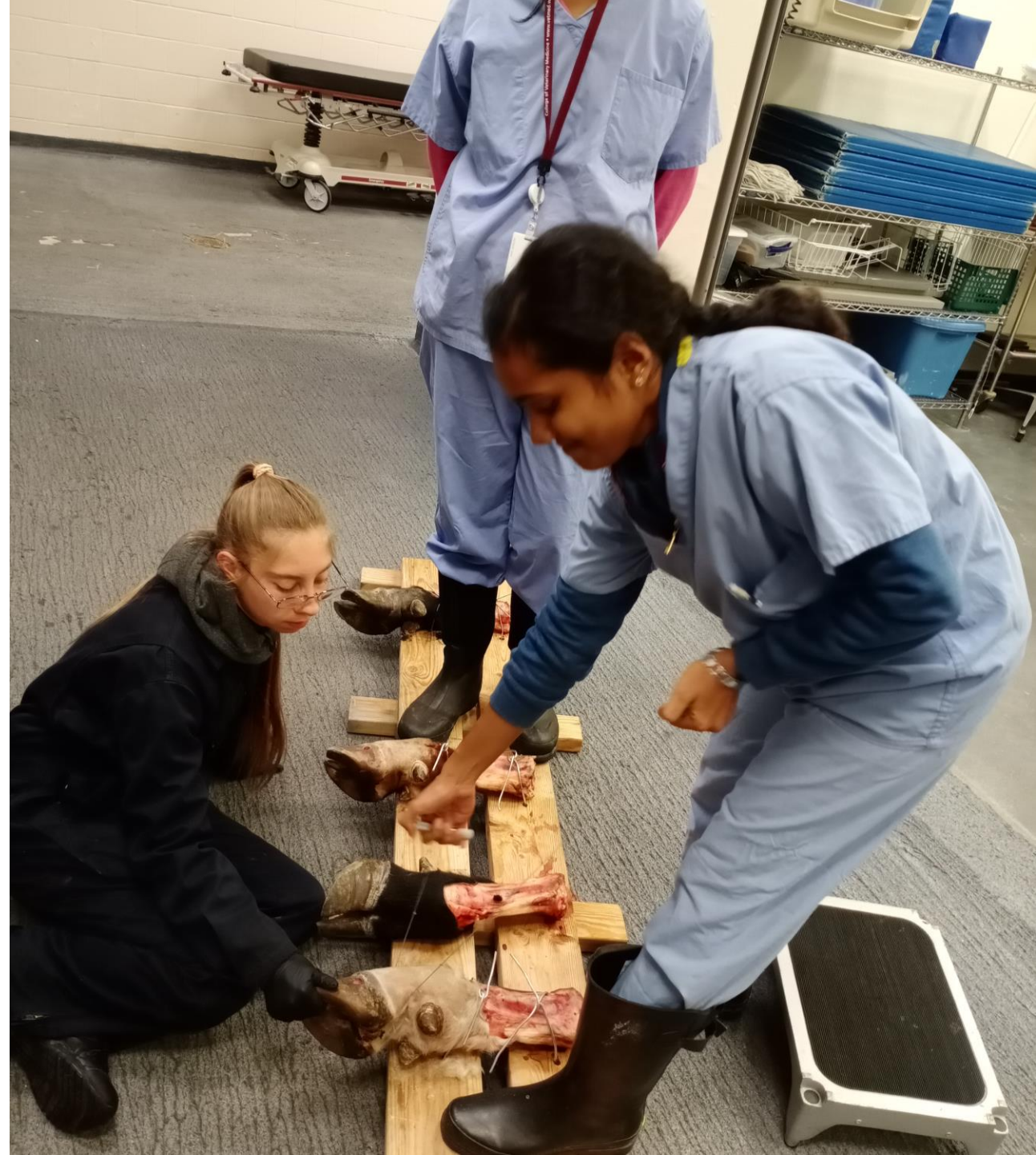
Department Department of Veterinary Medicine

Thematic area Veterinary Clinical Practice

Feedback

This programme was highly useful since I was able to experience the latest technologies such as MRI scanning, CT scanning, Rehabilitation, Simulation , Acupuncture and LASER techniques. I also got a chance to visit the dairy , beef farms, bear conservation centres, slaughter units and creamery as a part of my training. I also got exposure to the latest treatment procedures being carried out there and was also involved in research training. I also got exposure to the emergency and critical care procedures in the Critical Care Unit. I also learned about neurological examination in my neurology rotation.

Satisfaction level of trainee Excellent



Patil Basavaraju Nanjegowdu

UG-IV, TANUVAS, Chennai

Training period	18/09/2019 to 16/11/2019 (61 days)
Visiting institute	College of Veterinary Medicine, Oklahoma State University, Stillwater, USA.
Department	Agriculture Research
Thematic area	Veterinary Clinical Practice

Feedback

I attended eight weeks of clinical rotations like Small animal surgery, Anaesthesiology, Equine medicine and Surgery, Community practice and Zoo, exotics and wildlife. All these rotations were allotted based on my areas of interest and the arrangements made for the program by both the Universities (TANUVAS and OSU) were excellent. During this program, I got to learn about many new drugs and imaging technologies like CT and MRI. Also, I got to know about many opportunities available for veterinarians in the states. This program is a great opportunity for the students to equip themselves in the field of veterinary science. I would like to thank everyone for providing me this wonderful opportunity.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Aparna Gopinadhan



UG-IV, TANUVAS, Chennai

Training period 16/09/2019 to 16/11/2019 (60 days)

Visiting institute Oklahoma State University, USA

Department Department of Veterinary Medicine

Thematic area Veterinary Clinical Practice

Feedback

The entire training programme was organized very well. I had 6 clinical rotations- Zoo, exotics and wildlife services, field services, cardiology unit, intensive care unit, equine medicine unit, and community practices. During my field service rotation, I visited farms and was allowed to perform rectal examinations for pregnancy diagnosis for cows. During my time in Zoo, Exotics and Wildlife service, I got to visit Oklahoma zoo, where I saw how ultrasonography is done in pythons and I also saw a complete physical examination of a two toed sloth. I improved my skills on client dealing and animal handling. Since I want to pursue a career in wildlife, my time at zoo, exotics and wildlife services helped me realize the steps that I should take to become a wildlife veterinarian.

Satisfaction level of trainee Excellent



G Dhaarani



UG-IV, TANUVAS, Chennai

Training period	18/9/2019 to 16/11/2019 (61 days)
------------------------	-----------------------------------

Visiting institute	Oklahoma State University, USA
---------------------------	--------------------------------

Department	Department of Veterinary Medicine
-------------------	-----------------------------------

Thematic area	Veterinary Clinical Practice
----------------------	------------------------------

Feedback

Our trip was very well organised our health check-up was done and our college arranged vehicle to drop us on the airport and we were received by university people in Oklahoma and accommodation were made near to the clinics and medical insurance procedure was done by Melinda who was our coordinator in Oklahoma state university. We had orientation in college, and we had 7 rotations in the clinics which was selected by our self. All the arrangements were excellent and I am thankful for getting this opportunity.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Jeeviya Murugesan



UG-IV, TANUVAS, Chennai

Training period 01/07/2019 to 29/08/2019 (59 days)

Visiting institute Washington State University, USA

Department Department of Veterinary Medicine

Thematic area Veterinary Medicine Clinical Training

Feedback

The externship training program aided me to gain more knowledge in veterinary medicine. I have attended four clinical rotations - Oncology, Neurology, Equine surgery and Orthopaedic surgery. During this period, I got exposed to advanced diagnostic techniques such as CT SCAN, MRI and Radiation therapy etc., I had a great opportunity to enhance my knowledge in client dealing and communication skills. This training program has made me to pursue my doctoral studies in comparative biomedical sciences and currently I'm working on it. Stipend was sufficient to take care of my accommodation and food for the two months. Overall, it was a wonderful experience. I would like to thank everyone who provided me this opportunity.

Satisfaction level of trainee Excellent



Dharanya Muthiah



UG-IV, TANUVAS, Chennai

Training period 01/07/2019 to 29/08/2019 (59 days)

Visiting institute Washington State University, USA

Department Department of Veterinary Medicine

Thematic area Veterinary Medicine Clinical Training

Feedback

It was a great learning experience going through 4 clinical rotations namely Internal Medicine, Community practice, Neurology, Oncology. I was also exposed to new diagnostic techniques like MRI, CT, Ultrasound and also had a wonderful chance to know about basic neurological examination in animals, client dealing, few procedure like chest tube placements in cats, tooth extraction, Descaling procedures in dogs. We also made a visit to feed lot cattle farm and dairy farm in Pullman. Faculties and students were so friendly and made us feel comfortable and helped to explore new techniques in veterinary medicine. I am thankful to NAHEP- ICAR and our institution for providing me such a wonderful opportunity to know more about modern veterinary world.

Satisfaction level of trainee Excellent



Neethu Beena



UG-IV, TANUVAS, Chennai

Training period	1/7/2019 to 29/8/2019 (59 days)
Visiting institute	Washington State University, USA
Department	Department of Veterinary Medicine
Thematic area	Diagnostic & Treatment Modalities

Feedback

This internship program gave me confidence as a veterinarian and I got exposure to various diagnostic and treatment modalities which is still not common in our country. As a budding veterinarian I would surely implement the things that I saw in Washington state university in our country and try to bring drastic changes in veterinary profession. Learned the proper way for restraining animals. Most importantly this training program made me aware about the huge role of client dealing and history taking for the proper diagnosis of diseases. I understood the power of team work. I got training to work according to proper planning .I have become more responsible and punctual and these two qualities will surely help to achieve more in my career.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Borkhatariya Tejaskumar Hardasbhai



UG-VII, JAU, Junagadh

Training period 01/09/2019 to 31/10/2019 (60 days)

Visiting institute World Vegetable Center, Taiwan

Department Department of Plant Pathology

Thematic area Preliminary Test for Controlling
Tomato Southern Blight

Feedback

During this training I learned new thing about vegetables research work. I learned lots of new methodology regarding plant pathology. The practical experience and exposure of WVC has given me new level of understanding and dedication towards research work in agriculture. During this phase I have learned to develop better communication skills. All the faculty members there was so kind, caring and co-operative in all matters. I think this training has provided us a great experience at under graduate level specially about how the research work is going worldwide in agriculture. I am thankful to my university JAU & ICAR for providing this golden opportunity.

Satisfaction level of trainee Excellent



Aparna Jyoti



UG-VII, JAU, Junagadh

Training period 1/09/2019 to 31/10/2019 (60 days)

Visiting institute World Vegetable Center, Taiwan

Department Department of Plant Pathology

Thematic area Grafting of Tomato with different Solanaceous species.

Feedback

Objective was to evaluate graft compatibility of tomato with different solanaceous species and also check the agronomic results. I worked on 40 different accessions of Solanaceous species and checked the graft compatibility with *Solanum lycopersicum*. This was a great experience of my life. I also got to know about their culture and tradition. Meeting with scientists from different parts of the world was great. This training has boosted my confidence to work independently.

I would like to thanks WORLD BANK , ICAR for running such a wonderful project(NAHEP) in agricultural field.

Satisfaction level of trainee Excellent



Sudha Kumari



UG-IV, JAU, Junagadh

Training period 08/07/2019 to 26/07/2019 (18 days)

Visiting institute Asian Institute of Technology, Thailand

Department School of Environment, Resources & Development

Thematic area Remote Sensing & GIS with Special Focus on Drone

Feedback

My training was at AIT, Bangkok, Thailand. It was a great place to explore our knowledge not only theoretically but also practically. In very first week of our training we learned about "REMOTE SENSING" its different applications and about Biomass analysis. In second week of training we visited different historic places, temples, museums, We visited Space INSPIRIUM Thailand's first space museum which has state-of-the-art presentation technology which helped us to know our complex universe easily through well-design interactive platform. Third week of training was all about practical works, we flew the drone - Phantom 4 manually and learned about Drone mapping and flight planning.

Satisfaction level of trainee Excellent



Amrita Jain



UG-IV, JAU, Junagadh

Training period 24/06/2019 to 09/08/2019 (46 days)

Visiting institute University of California, USA

Department Department of Plant Sciences

Thematic area Controlled Environment Agriculture

Feedback

I got practical experience on modern agricultural techniques, which are very helpful for my career in agriculture. From day 1 to last day of training I learnt so many things related to agricultural career and personality development. The support and guidance of Junagadh Agricultural University was very helpful in completion of this training. In UC, Davis learning methods are so flexible and adaptive according to students. Overall this training gave me a chance to know developments in agriculture field at global level.

Satisfaction level of trainee Excellent



Shingala Dharmesh Sureshrbhai



UG-VII, JAU, Junagadh

Training period 01/09/2019 to 31/10/2019 (60 days)

Visiting institute World Vegetable Center, Taiwan

Department School of Environment, Resources & Development

Thematic area Screening of 2 Spotted Spider Mite on Eggplant and Bt. Bioassay of *Maruca Vitrata* & *Plutella Xylostela*

Feedback

I am thankful to Junagadh agricultural university and world vegetable center (AVRDC) for giving me this opportunity for international exposure and training. During my training period I learned lot of things related to agriculture field as well as social and ecological culture of Taiwan. In my subject domain I learned about entomology unit particularly on two spotted spider mites, maruca pod borer and Diamondback moth.

Satisfaction level of trainee Excellent



Parth B. Trangadiya



UG-VII, JAU, Junagadh

Training period 01/09/2019 to 31/11/2019 (60 days)

Visiting institute World Vegetable Center, Taiwan

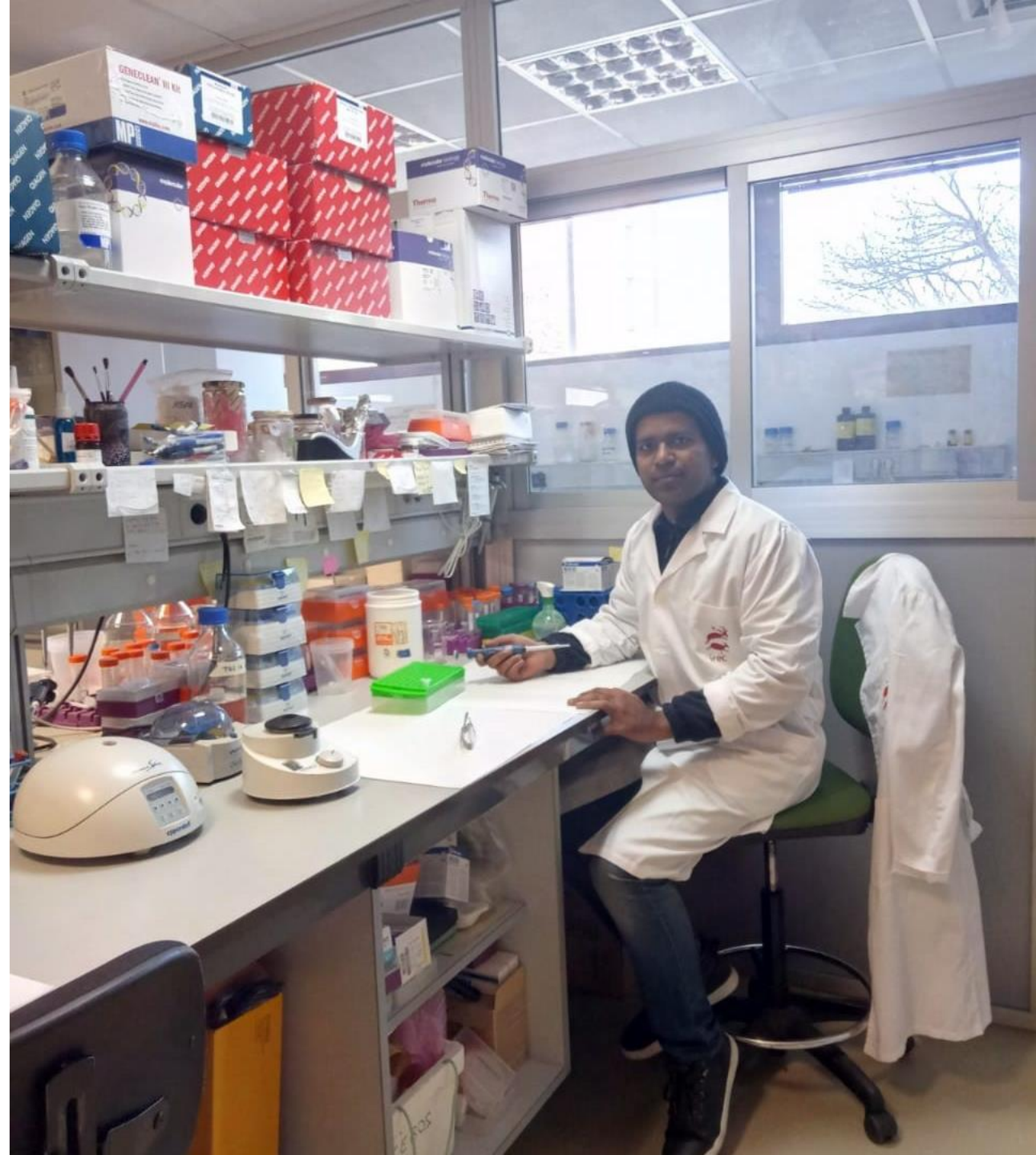
Department Department of Plant Pathology

Thematic area Screening for Insect Resistance on Bitter Gourd Against Melon Fruit Fly and Effects of BT-Biopesticides on Diamondback Moth

Feedback

During this training I learnt a lot of things from the scientists from different countries. Starting from the first day itself my supervisor taught me to work independently and improved my level of thinking. Usually Masters and Doctoral students used to go under the research internship and complete their thesis on the basis of the research work which they perform in various fields, but getting opportunity to go at World Vegetable Center during under-graduation is like a dream comes true. I had a great practical experience about research works, The practical experience and exposure of WVC have given me new level of understanding and dedication towards my research work in agriculture.

Satisfaction level of trainee Excellent



Kuhada Jayesh Keshavbhai



UG-III, JAU, Junagadh

Training period 1/7/2019 to 30/9/2019 (91 days)

Visiting institute Asian Institute of Technology Thailand

Department School of Environment, Resources & Development

Thematic area Aquaculture and Aquatic Resources Management

Feedback

It was great experience during the international training. I learned many things related our subject. I also performed practical in labs with great facilities. During the training period, we had lectures on different basic topics such as innovative aquaculture systems, Cleaner aquaculture system, Aquaculture development in Asia, Status of Asian aquaculture. We also attended the webinar on Aquafeed Production by Extrusion- Heat Sensitive Ingredients & Additives by Dr. Thomas Wilson from Switzerland. We also had educational field trip to Institute of marine science. Thanks for giving me this opportunity

Satisfaction level of trainee Excellent



Kanani Hirenkumar Naranbhai



UG-III, JAU, Junagadh

Training period 01/07/2019 to 30/09/2019 (91 days)

Visiting institute Asian Institute of Technology, Thailand

Department Agriculture Research

Thematic area Advance Aquaculture Practices and
Sustainable Asian Aquaculture

Feedback

This was very helpful for me. In this 3 months program I learned a lot of theoretical knowledge as well as practical experience about Aquaculture and also learned advance techniques related to our field. I also experienced how to live and communicate with others in foreign country. I met so many people who were from different countries teaching at there and that was a very good experience. I am thankful to the world bank, ICAR, my institute, AIT and all the people who supported me.

**Satisfaction level of
trainee** Excellent



Priti Prakash Mohanta



UG-III, JAU, Junagadh

Training period 16/01/2020 to 16/04/2020 (91 days)

Visiting institute Asian Institute of Technology, Thailand

Department Aquaculture and Aquatic Resources Management

Thematic area Sustainable Development of Aquaculture

Feedback

Overall, it was a great experience out there. We got wide exposure to the world of aquaculture. We learnt on the topics like bio floc, aqua mimicry, water quality analysis, experiment on effect of carbon sources on ammonia concentration, RAS set up, flow through system set up, and aquaponics system set up. We also had Tilapia breeding farm visit and M. Rosenberger breeding farm visit. At last, we are thankful to our University (Junagadh Agricultural University) and Indian Council of Agricultural Research (ICAR) for the opportunity.

Satisfaction level of trainee Excellent



Saurabh K Radadiya



UG-III, JAU, Junagadh

Training period 24/06/2019 to 09/08/2019 (46 days)

Visiting institute University of California, USA

Department Department of Biological and Agricultural Engineering

Thematic area Digitization and Remote Sensing in Agriculture

Feedback

It was a great opportunity to get exposure to modern labs, classrooms and fields of the one of the finest universities of the world. I got to learn about remote sensing. It is a great pleasure to know how they were working to carry out the monitoring and data analysis of field crop to ensure the health of a crop. Apart from this we get an opportunity to join our other group members in environmental horticulture department at UC Davis and there we also get to witness the commercial greenhouse in the Bay Area of California and we learnt how they are producing the Gerbera, orchids, lettuce using the modern hydroponic technique. Overall, it was a great opportunity to be a part of this program.

Satisfaction level of trainee Excellent

Response Catalogue of International Trainings under NAHEP



Gadhiya Renish



UG-III, JAU, Junagadh

Training period 24/06/2019 to 08/08/2019 (46 days)

Visiting institute University of California, USA

Department Department of Biological and Agricultural Engineering

Thematic area Digitization and Remote Sensing in Agriculture

Feedback

got the excellent opportunity to work on different projects pertaining to controlled environmental study for agriculture like Cocoa propagation in soilless culture, Leaf green hydroponics, Mint cuttings in hydroponics, Aeroponics system for biodiesel plants, Dry weight of plant parts, Lieth lab Vestibule project, and Lamp uniformity through practical and hands on trainings. Apart from my main training in the Department of Environment Horticulture, University of California, Davis, I was allowed to attend Prof. (Dr.) Alireza Poureza laboratory of Biological and Agricultural Engineering, University of California, Davis where I learn the fundamental as well as advanced technologies in field of remote sensing ,GIS and drone technologies.

Satisfaction level of trainee Excellent



Amrita Jain



UG-IV, JAU, Junagadh

Training period	24/06/2019 to 08/08/2019 (46 days)
Visiting institute	University of California, USA
Department	Department of Environmental Horticulture
Thematic area	Automation in Greenhouse
Feedback	

I was under the mentorship of Prof. (Dr.) Heiner Lieth with training theme on Automation in Greenhouse with special focus on CEA (controlled environmental agriculture). I got the excellent opportunity to work on different projects pertaining to controlled environmental study for agriculture like Cocoa propagation in soilless culture, Leaf green hydroponics, Mint cuttings in hydroponics, Areoponics system for biodiesel plants, Dry weight of plant parts, Lieth lab Vestibule project, and Lamp uniformity through practical and hands on trainings. Apart from my main training in the Department of Environment Horticulture, University of California, Davis. Overall, this experience of international training enriched my technical knowledge and had hands on experience with advanced scientific knowledge.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Vyas Vaibhav Shashikant

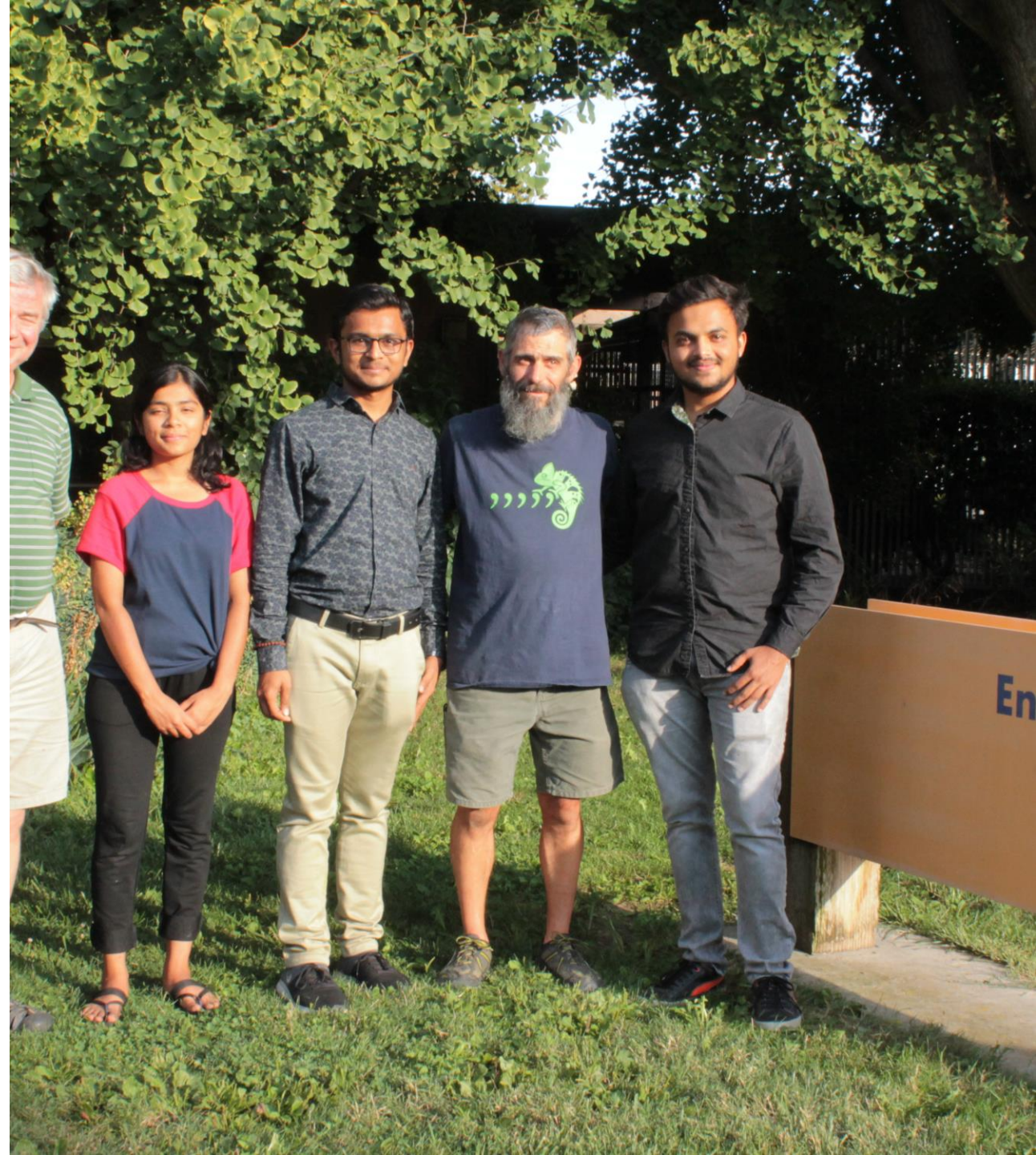


UG-III, JAU, Junagadh

Training period	24/06/2019 to 08/08/2019 (46 days)
Visiting institute	University of California, USA
Department	Department of Environmental Horticulture
Thematic area	Automation in Greenhouse
Feedback	

I was under the mentorship of Prof. (Dr.) Heiner Lieth majorly. My training area mainly focus on CEA (controlled environmental agriculture). I got the opportunity to work on different projects pertaining to controlled environmental study for agriculture. For cultural enrichment I visited many museums in California with my training partners. Overall, this experience of international training enriched my technical knowledge and had hands on experience with advanced scientific knowledge.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Vasoya Rakshit Nileshkumar



UG-IV, JAU, Junagadh

Training period 24/06/2019 to 08/08/2019 (46 days)

Visiting institute University of California, USA

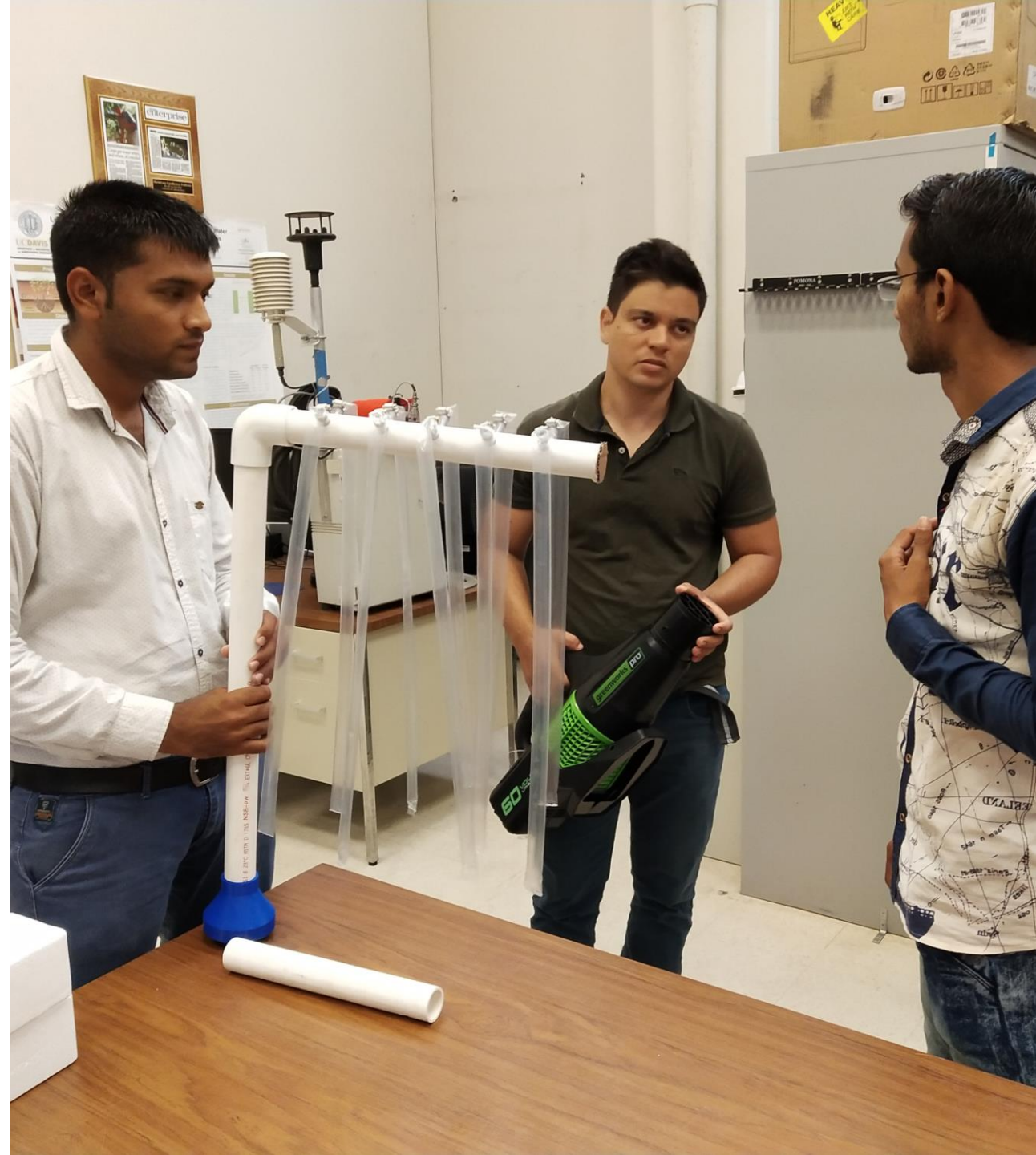
Department Department of Environmental Horticulture

Thematic area Automation in Greenhouse

Feedback

I worked on different learning projects pertaining to remote sensing and its application in agriculture. I learn fundamental of Quantum GIS software and related software and instrumentations and learned how to use it for the application in agriculture. I learn about advanced technologies in remote sensing like utilization of Unmanned Arial Vehicle (UAVs) along with LIDAR, where I get to know about the data collection using the multispectral camera used in the LIDAR. After collecting the data, the data were processed with the python programming for pre-processing before the data were utilized for agriculture domain. I learned about the application of drones in the field. I also learned aspects of Environmental Horticulture.

Satisfaction level of trainee Excellent



Ishmeet Kaur



UG-IV, JAU, Junagadh

Training period 24/06/2019 to 08/08/2019 (46 days)

Visiting institute University of California, USA

Department Department of Environmental Horticulture

Thematic area Automation in Greenhouse

Feedback

I mainly trained in the area of Remote Sensing, GIS and Drone Technology. I learned about advanced technologies in remote sensing like utilization of Unmanned Aerial Vehicle (UAVs) along with LIDAR, where I get to know about the data collection using the multispectral camera used in the LIDAR. I also learned about the theme Automation in Greenhouse with special focus on CEA (Controlled Environmental Agriculture) There were educational visits to different industrial greenhouses of hydroponics and floriculture productions greenhouses and Kearney Agricultural Research and Extension Center Overall, this experience of International Training enriched my technical knowledge with hands on experience with advanced scientific knowledge.

Satisfaction level of trainee Excellent



Zalavadiya Umang Bharatbhai



UG-IV, JAU, Junagadh

Training period	08/07/2019 to 26/07/2019 (18 days)
------------------------	------------------------------------

Visiting institute	Asian Institute of Technology, Thailand
---------------------------	---

Department	Geo-Informatics Center
-------------------	------------------------

Thematic area	Remote Sensing and GIS application,
----------------------	-------------------------------------

Feedback	
-----------------	--

The objective of the training was to get acquainted with advanced technologies in agriculture, had hands on training on different learning projects pertaining to Remote Sensing, Drone Technology and GIS which included biomass estimation using SAR data, Image Classification Concept, Mapping with different software likes QGIS, ArcGIS, OSM, JOSM, RStudio, ASF Map Ready.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Dadhaniya Himanshu Dhirajlal



UG-III, JAU, Junagadh

Training period 08/07/2019 to 26/07/2019 (18 days)

Visiting institute Asian Institute of Technology, Thailand

Department Geo-Informatics Center

Thematic area Remote Sensing and GIS application,

Feedback

The International Training program was of nineteen days under the mentorship of Dr. Manzul Kumar Hazarika, Director of Geoinformatics Center (GIC), AIT and his team. My training area mainly focused on Remote Sensing, GIS and Drone Technology which is the most advanced field in agriculture in the current era.

I learned different topics of basics of Remote Sensing and introduction to Geographical Information System (GIS) including biomass estimation using SAR data, Image classification concept, mapping with different software likes QGIS, ArcGIS, OSM, JOSM, RStudio, ASF Map Ready etc. I also had a one-week session on Drone Technology including different types of Unmanned Aerial Vehicles (UAVs), Inner electronics of drone, Camera, Lenses etc.

Satisfaction level of trainee Excellent



Nebhnani Vikas Manoharbhai



UG-IV, JAU, Junagadh

Training period	24/06/2019 to 08/08/2019 (46 days)
------------------------	------------------------------------

Visiting institute	University of California, USA
---------------------------	-------------------------------

Department	Department of Environmental Horticulture
-------------------	---

Thematic area	Automation in Greenhouse
----------------------	--------------------------

Feedback

I was under the mentorship of Prof. (Dr.) Alireza Pourezza. My training area mainly focuses on Remote Sensing, GIS and Drone Technology. I worked on different learning projects pertaining to remote sensing and its application in agriculture. Getting exposure to the culture of the place was yet another learning. I thank everyone for making this visit a success.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Dudhatra Shivani Pravinbhai



UG-IV, JAU, Junagadh

Training period 24/06/2019 to 08/08/2019 (46 days)

Visiting institute University of California, USA

Department Department of Environmental Horticulture

Thematic area Automation in Greenhouse

Feedback

I trained under Prof. (Dr.) Alireza Pourezza. My main training area was on Remote Sensing, GIS and Drone Technology. I explored different aspects of it and also visited different museums situated at California. The international training has truly enriched my technical knowledge with hands on experience with advanced scientific knowledge, interaction with renowned scientist and professors at University of California.

Satisfaction level of trainee Excellent



Dhruti P. Kotadiya



UG-III, JAU, Junagadh

Training period	16-01-2020 to 16-04-2020 (91 days)
Visiting institute	Asian Institute of Technology, Thailand
Department	Aquaculture and Aquatic Resources Management Department
Thematic area	Experimental Learning on Advance Aquaculture System

Feedback

I would like to thank ICAR, NAHEP IDP and my university for selecting me for this international training. I learned water quality parameters by kits and also through Chemical analysis in lab. Attending lectures was very helpful and inspirational for me and also changed my view of thinking about aquaculture technology. I learned aqua mimicry with tilapia culture. Also had practical training of stocking to harvesting of prawn. We visited to Buddy's farm and hatchery, where I had learned about breeding techniques and genetically modified male prawn production. At AARM hatchery in AIT I learned how to setup RAS system and flow through system. The training has been extremely beneficial for me.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Vakot Mohsin Mohamed



UG-III, JAU, Junagadh

Training period 16-01-2020 to 16-04-2020 (91 days)

Visiting institute Asian Institute of Technology, Thailand

Department Aquaculture and Aquatic Resources Management Department

Thematic area Experimental Learning on Advance Aquaculture System

Feedback

The training has been amazing experience for me. I learnt things like stocking and harvesting of prawns, preparation of bio floc inoculum, genetically modified male prawn production. I had also seen tilapia culture in pond raceway system, egg collection method, geo-tagging methods and also done hands-on water quality parameters check which was a good experience. I am very happy to learn all these things. However, the outbreak of pandemic disrupted our training schedule. Nevertheless, it has been a memorable experience.

Satisfaction level of trainee Excellent



Solanki Krupa Kanubhai



UG-III, JAU, Junagadh

Training period 01/07/2019 to 30/09/2019 (91 days)

Visiting institute Asian Institute of Technology, Thailand

Department Aquaculture and Aquatic Resources Management Department

Thematic area Advance aquaculture practices and sustainable Asian aquaculture.

Feedback

The training experience has been very rewarding because I have acquired and learned new skills. It has opened the doors to the ocean of opportunities. The Objectives of this training program were to provide international exposure to the undergraduate students, to learn the different advance aquaculture practices like recirculating aquaculture system, Spirulina culture system, Bio flock technology, Monosex Tilapia Seed Production, Integrated multitrophic aquaculture system and many more new and innovative things which are essential for sustainability of aquaculture.

Satisfaction level of trainee Excellent



L. Vijay

UG-IV, TANUVAS, Chennai

Training period 01/07/2019 to 30/08/2019 (59 days)

Visiting institute Washington State University, USA

Department Department of Veterinary Medicine

Thematic area Equine Surgery, Emergency and Critical Care Unit, Bovine Theriogenology and Equine Medicine

Feedback

The training was a good experience and I learned to know about uses of new technologies, research tools. It was always a learning experience interacting with people and faculty there. I would like to thank my college and our university, for giving me this wonderful opportunity to learn, grow and to be exposed to the culture and the society on the other side of the globe.

Satisfaction level of trainee Excellent



Anju B Das



UG-IV, TANUVAS, Chennai

Training period 28/09/2019 to 23/11/2019 (56 days)

Visiting institute Washington State University, USA

Department Department of Veterinary Medicine

Thematic area Veterinary Clinical Medicine and Surgery

Feedback

The training program was a wonderful experience. It has helped to improve my knowledge, skill and also the contacts with the people who can always be guiding factors in my future research pursuits.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------

Response Catalogue of International Trainings under NAHEP



Jessil Joseph



UG-IV, TANUVAS, Chennai

Training period	18/9/2019 to 14/11/2019 (61 days)
------------------------	-----------------------------------

Visiting institute	Oklahoma State University, USA
---------------------------	--------------------------------

Department	Department of Veterinary Medicine
-------------------	-----------------------------------

Thematic area	Veterinary Clinical Medicine and Surgery
----------------------	--

Feedback

The clinical training was a wonderful experience, I got chance to attend ophthalmic training, equine practice, small animal surgery, large animal surgery, community practice, zoo and exotics. All the programs were wonderful and I got a nice chance to learn many things. The practical exposure to fields have provided abundance of learning. I also enjoyed the accommodation and food there. Thanks to all for making this possible.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Radish Selvaraj



UG-IV, TANUVAS, Chennai

Training period 16/09/2019 to 18/11/2019 (61 days)

Visiting institute Oklahoma State University, USA

Department Department of Veterinary Medicine

Thematic area Veterinary Clinical Medicine and Surgery

Feedback

The training has been one of the rarest opportunity of my life. I had the opportunity to learn new techniques related to veterinary science. I also gained many new friends and contacts. Before this training program I felt little nervous in English language and conversation but after this exposure I have become more confident.

Satisfaction level of trainee Excellent

Response Catalogue of International Trainings under NAHEP



Hasina Banu Ameer Hamza



UG-IV, TANUVAS, Chennai

Training period 30/09/2019 to 23/11/2019 (56 days)

Visiting institute Washington State University, USA

Department Department of Veterinary Medicine

Thematic area Veterinary Clinical Medicine and Surgery

Feedback

During the training I got an opportunity to visit dairy farms and slaughter house which are modernized. We visited anatomy lab which had models of animals which is fascinating and excellent to learn from. I had five rotations starting from animal lab, orthopaedic surgery, cardiology, internal medicine. The way they teach in U.S. is very much practical oriented. They have time to discuss all the possible ways to treat a case and about different diagnosis as they see limited cases in a day. They have the opportunity to practice their suture and other techniques in dummies which they call stimulation centre. It was learning to know that the use of antibiotics is very less in USA.

Satisfaction level of trainee Excellent



Aliasgar Mohammed Kapi



UG-IV, TANUVAS, Chennai

Training period 30/09/2019 to 23/11/2019 (56 days)

Visiting institute Washington State University, USA

Department Department of Veterinary Medicine

Thematic area Veterinary Clinical Medicine and Surgery

Feedback

Overall it was a fantastic opportunity to learn and grow. Not only did we gain knowledge in terms of academics but also gained the wealth of experiences, meeting new people, learning new culture, trying out their food etc. All the skills that I learnt at the veterinary teaching hospital has helped me in being much more confident at my practice here in India.

Satisfaction level of trainee Excellent



Richa Borkakati



UG-IV, AAU, Jorhat

Training period	16/06/2019 to 05/07/2019 (11 days)
Visiting institute	ITCPH, Lipa city, Philippines
Department	Department of Agriculture
Thematic area	Pig husbandry
Feedback	

Its was a great experience and we had very good farm visits and exposure to many farm practices.

Satisfaction level of trainee	Excellent
-------------------------------	-----------



Jebin Gulnar



UG-IV, AAU, Jorhat

Training period	16/06/2019 to 05/07/2019 (11 days)
------------------------	------------------------------------

Visiting institute	ITCPH, Lipa city, Philippines
---------------------------	-------------------------------

Department	Department of Agriculture
-------------------	---------------------------

Thematic area	Pig husbandry
----------------------	---------------

Feedback	
-----------------	--

It was an excellent training. We got to learn by doing things ourselves

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Anisha Baruah



UG-III, AAU, Jorhat

Training period 05/08/2019 to 16/08/2019 (11 days)

Visiting institute Iowa State University, USA

Department Global Programs Department, College of Agriculture and Life Sciences

Thematic area Precision Agriculture and Recent Advances in Agriculture technology

Feedback

This exchange and learning visit has definitely changed me as a person. This visit has broadened our horizons, improved social and communication skills while interacting with people. It has helped me build my confidence to cope with obstacles with some real life-education. Travelling with friends helped me build stronger bonds and make memories for a lifetime. I have learnt the value of time and disciplined in research. It has inculcated me with new ideas and aspirations to work in the field of the agriculture with enthusiasm and contribute something for the nation. From learning about what precision agriculture is to manoeuvre the flight of drones we learnt a lot within a short time .

Satisfaction level of trainee Excellent



Angad Singh Bhamrah



UG-II, AAU, Jorhat

Training period	16/06/2019 to 05/07/2019 (11 days)
------------------------	------------------------------------

Visiting institute	ITCPH, Lipa city, Philippines
---------------------------	-------------------------------

Department	Department of Agriculture
-------------------	---------------------------

Thematic area	Pig husbandry
----------------------	---------------

Feedback

It was a great experience for me visiting various institutions, farms, and departments of the country related to pig husbandry. Also got hands on training on Boar semen collection, Artificial Insemination, pregnancy diagnosis and heat detection. We also practiced drug administration via different routes and castration in piglets.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Archita Ojah



UG-III, AAU, Jorhat

Training period 15/06/2019 to 26/06/2019 (11 days)

Visiting institute ETH University, Zurich

Department Department of Life Sciences

Thematic area Organic agriculture and Food system

Feedback

This exchange and learning visit was extremely beneficial for me. I got to learn many new things there in Switzerland starting from their agricultural policies to the application of robotics in the field of agriculture. Apart from this we also learnt about aqua ponics, food security, organic seed production, smart farming and many more. They tried their level best to teach us and made sure that we were comfortable during the stay at their place. NAHEP is helpful for students like me. We are able to learn many new things and above all provided with exposure which is necessary for building our career.

Satisfaction level of trainee Excellent



Iman Saha



UG-III, AAU, Jorhat

Training period	05/08/2019 to 16/08/2019 (11 days)
------------------------	------------------------------------

Visiting institute	Iowa State University, USA
---------------------------	----------------------------

Department	Global Programs Department, College of Agriculture and Life Sciences
-------------------	--

Thematic area	Precision Agriculture and Recent Advances in Agriculture technology
----------------------	--

Feedback

It was a great exposure. Came to know about new technologies, AI, mechanization used in the field of agriculture. Overall a very enriching experience and I am thankful to all who made this possible.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Shivani Barman



UG-III, AAU, Jorhat

Training period 05/08/2019 to 16/08/2019 (11 days)

Visiting institute Iowa State University, USA

Department Global Programs Department,
College of Agriculture and Life
Sciences

Thematic area Precision Agriculture and Recent
Advances in Agriculture technology

Feedback

It was a great experience for me as an undergraduate student to explore the agricultural technologies and methods practiced there. Due to its agriculture IOWA has become one of the most important states in USA. We visited and had a tour of all the departments of the University and was really impressed by the education pattern they followed. The emphasis on practical demonstration is an important learning. We had an experience of visiting horticultural Garden, which was really well maintained and had a great income. We had a drone demonstration programme too which was quite fascinating for us.

Satisfaction level of trainee Excellent



Gayatri Devi



UG-III, AAU, Jorhat

Training period 21/07/2019 to 10/08/2019 (11 days)

Visiting institute Asian Institute of Technology, Thailand

Department Department of Food Agriculture and Bioresources

Thematic area Innovation in Food Production System

Feedback

The idea of giving international exposure to students is very commendable as it gives us opportunities to learn a lot. We learned a lot about the different sciences and technology to combat the malnutrition and to prevent hunger. We learned about uses of technology to combat climate change. The program in AIT, Thailand was very good but the duration of the period should be increased to at least 1 month.

Satisfaction level of trainee Excellent



Angshuman Borah



UG-III, AAU, Jorhat

Training period 05/08/2019 to 16/08/2019 (11 days)

Visiting institute Iowa State University, USA

Department Global Programs Department, College of Agriculture and Life Sciences

Thematic area Precision Agriculture and Recent Advances in Agriculture technology

Feedback

The experience gained from this training was a fantastic experience in my study career. I got to know about the advance agricultural technologies of a developed country. I also got to know about the various future career in agriculture. I would like to convey my thanks to Dr. K.K. Sharma, P/I NAHEP CELL, AAU, Jorhat and other members of the NAHEP cell for making the educational tour a grand success. I would also like to thank Dr. Madan Bhattacharya, Professor, Department of Agronomy, Iowa State University.

Satisfaction level of trainee Excellent



Niribili Rajbangshi



UG-IV, AAU, Jorhat

Training period	16/06/2019 to 05/07/2019 (11 days)
------------------------	------------------------------------

Visiting institute	ITCPH, Lipa city, Philippines
---------------------------	-------------------------------

Department	Department of Agriculture
-------------------	---------------------------

Thematic area	Pig husbandry
----------------------	---------------

Feedback	
-----------------	--

The training was very helpful and will definitely have strong bearing for our future research career. I am particularly delighted to have learned new things that I can apply in the context of Assam.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Udipta Bhuyan



UG-II, AAU, Jorhat

Training period 16/06/2019 to 05/07/2019 (11 days)

Visiting institute ITCPH, Lipa city, Philippines

Department Department of Agriculture

Thematic area Pig husbandry

Feedback

My experience in ITCPH was an enlightening one. 20 days of training in this renowned International Institute has really boosted my confidence on the subject matter of pig husbandry. The Farm Immersion Programme was a fully practical hands on training which has improved our expertise on tasks like Semen Collection, semen evaluation, Drug Administration, Heat Detection, Pregnancy Detection, Back fat thickness Measurement and even surgical procedures like Castration. We have also learnt about the various Management Practices that need to be kept in mind for profitable pig farming or entrepreneurship. Over all my stay in ITCPH was a really rewarding and resourceful experience.

Satisfaction level of trainee Excellent



Alongber Basumatary



UG-III, AAU, Jorhat

Training period	05/08/2019 to 16/08/2019 (11 days)
Visiting institute	Iowa State University, USA
Department	Global Programs Department, College of Agriculture and Life Sciences
Thematic area	Precision Agriculture and Recent Advances in Agriculture technology

Feedback

We were told about the history of the university. We were taken to different departments of the Agriculture college and were explained of the things of how they work and what they are working on. I got to learn a lot about the academic system of the university. We were taken in the fields for visit and it was one of the best experiences as I got to know the real on field agricultural works and how they are maintained. We also learned about the Precision Agriculture and it's basics. We got to know how it done. We visited the World Food Prize "Hall of Laureates" and got to know about the famous agriculture food prize laureates. Overall the experience was quite enriching and I enjoyed a lot.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Sangamoni Navaneeth



UG-II, AAU, Jorhat

Training period 21/07/2019 to 10/08/2019 (11 days)

Visiting institute Asian Institute of Technology,
Thailand

Department Department of Food Agriculture and
Bioresources

Thematic area Innovation in Food Production
System

Feedback

I learned mostly about the hunger problems in the world and how to solve it through creating new ideas and innovative technologies in AIT. My way of thinking towards hunger has changed completely and I am very thankful to National Agricultural and Higher Education Project (NAHEP) for selecting me and helping me in learning much more through this visit.

Satisfaction level of trainee Excellent



Hia Kalita



UG-III, AAU, Jorhat

Training period 05/08/2019 to 16/08/2019 (11 days)

Visiting institute Iowa State University, USA

Department Global Programs Department, College of Agriculture and Life Sciences

Thematic area Precision Agriculture and Recent Advances in Agriculture technology

Feedback

It was an overwhelming experience for all of us. We learned about how modern technologies are helping the farmers yield more from their fields with minimum labour. We learned a lot about Iowa State University, their working and the systems there and also toured the different departments of the College to understand better about the working of the college. Our stay for those 12 days was extremely comfortable and the weather in Ames, Iowa during August was very pleasant. The faculty and staff of the University are very helping and approachable and made us feel really comfortable there. Moreover the people of Iowa are extremely friendly and sweet. Overall we had a great time in Ames, Iowa and I wouldn't miss a chance to visit the place again.

Satisfaction level of trainee Excellent



Susmita Phukan



UG-III, AAU, Jorhat

Training period	15/06/2019 to 26/06/2019 (11 days)
------------------------	------------------------------------

Visiting institute	ETH University, Zurich
---------------------------	------------------------

Department	Department of Life Sciences
-------------------	-----------------------------

Thematic area	Organic agriculture and Food system
----------------------	-------------------------------------

Feedback	
-----------------	--

It was a great experience for me to visit a developed country in the training visit. It not only gave us knowledge about our subject but it has enhanced our overall knowledge and experience. From making of the visas to returning and making our visit report, each step gave us practical knowledge. We are thankful to the concerned authorities for this visit.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Lumbini Kalita



UG-III, AAU, Jorhat

Training period 05/08/2019 to 16/08/2019 (11 days)

Visiting institute Iowa State University, USA

Department Global Programs Department, College of Agriculture and Life Sciences

Thematic area Precision Agriculture and Recent Advances in Agriculture technology

Feedback

The exposure visit, under NAHEP has been a very enriching one. I've tried learning the advanced and precise ways of farming under the guidance of respected professors and staff. Everything was taken care of in a planned manner and I had a great time there. I had the opportunity to learn and explore better farming methods and allied sectors. I hope I can somehow apply the ways I learned there for betterment and upliftment of Agriculture in my country. I hope this venture continues for the betterment of all.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Alinaj Yasin



UG-III, AAU, Jorhat

Training period 15/06/2019 to 26/06/2019 (11 days)

Visiting institute ETH University, Zurich

Department Department of Life Sciences

Thematic area Organic agriculture and Food system

Feedback

The opportunity I had under NAHEP was a great chance for learning and personal development. Therefore, I consider myself as lucky. It will definitely be a boost in my career development. I will strive to use skills and knowledge acquired in the best possible way. It was a great platform for me and I will always cherish the moments I spent there for my lifetime.

Satisfaction level of trainee Excellent



Parismita Dutta



UG-III, AAU, Jorhat

Training period 05/08/2019 to 16/08/2019 (11 days)

Visiting institute Iowa State University, USA

Department Global Programs Department, College of Agriculture and Life Sciences

Thematic area Precision Agriculture and Recent Advances in Agriculture technology

Feedback

It has been a life changing experience for me. It helped me to come out of my comfort zone, build up my communication level and also my confidence. Apart from these, we learned many new techniques and processes in agriculture and life science, more particularly how agriculture is practised in the United States. We could visit the 368A Heady Hall, Horticulture Research farm, Faraway Distribution centre, Iowa State fair, World Food Prize Hall of Laureates, Capitol building, ISU dairy farm, ISU swine farm, ISU compost centre, Bassey greenhouse, ISU college of veterinary, DuPont Pioneer facility, Seed Science centre facility and many other locations. I have indeed learned a lot throughout the whole trip, at the same time enjoyed a lot.

Satisfaction level of trainee Excellent



Diva Dhingra



UG-II, AAU, Jorhat

Training period	05/08/2019 to 16/08/2019 (11 days)
Visiting institute	Iowa State University, USA
Department	Global Programs Department, College of Agriculture and Life Sciences
Thematic area	Precision Agriculture and Recent Advances in Agriculture technology

Feedback

The most important lesson I learned is veterinary science can progress with some knowledge regarding agriculture, the two fields are intertwined. Getting to know about what other countries are doing to deal with agriculture issues has given me a chance to think of India as well where much can be done. Americans value time so much, they're filled with ideas, and the best thing about the state was the fact that nothing is wasted. Waste disposal being such a big problem, this tour has helped me to understand how waste disposal mechanism can be evolved to benefit agriculture.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Chandramita Barman



UG-III, AAU, Jorhat

Training period 05/08/2019 to 16/08/2019 (11 days)

Visiting institute Iowa State University, USA

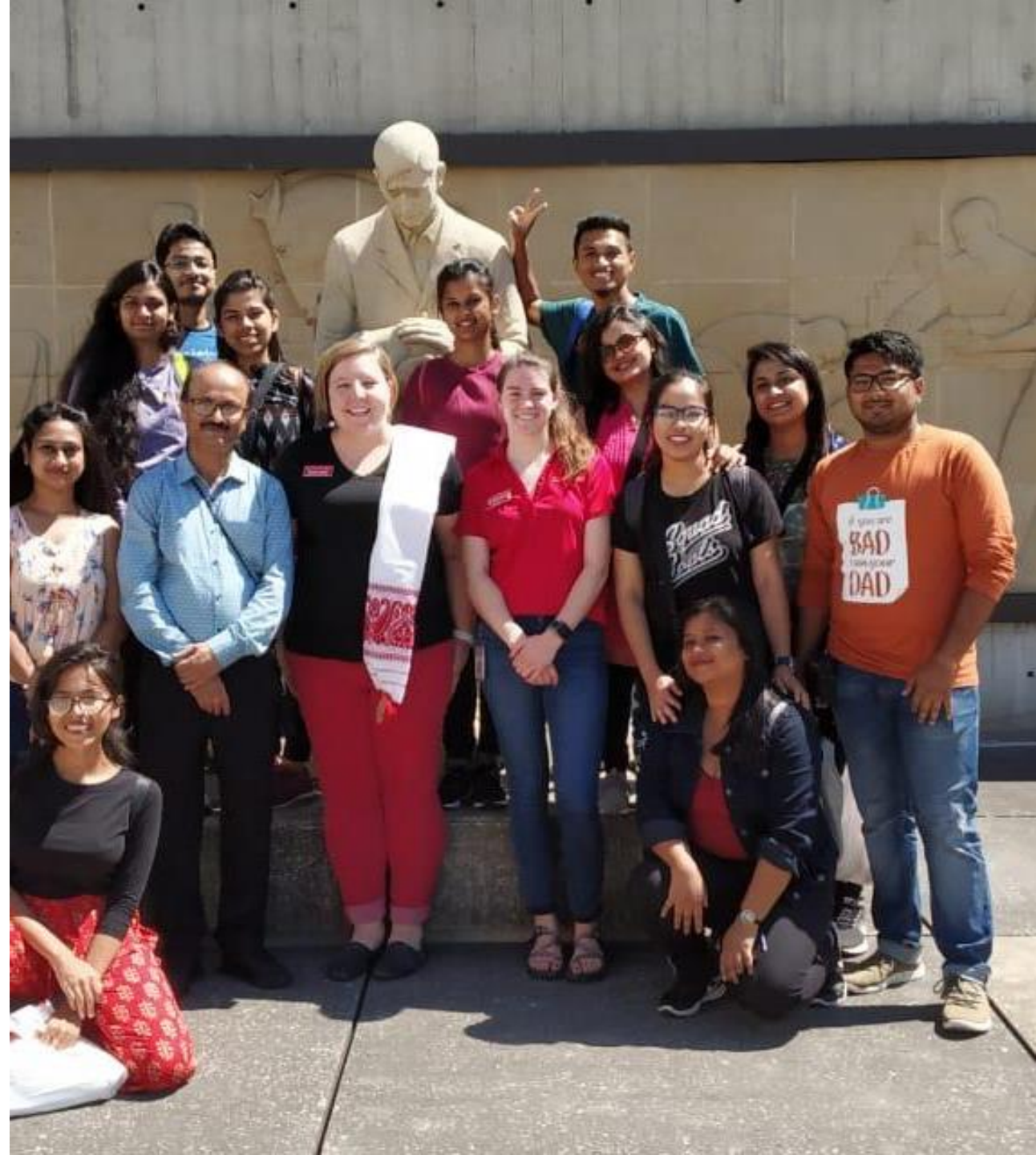
Department Global Programs Department,
College of Agriculture and Life
Sciences

Thematic area Precision Agriculture and Recent
Advances in Agriculture technology

Feedback

This tour turned out to be a very useful and interesting one for me as it has allowed me to visualize the different technologies, engineering skills, veterinary medicine study methods, interacting with peoples knowing their culture and ethics and many more. Last but not the least, I would say, this tour has been a wonderful experience for me as a beginner in my life. Thanks to all the teachers, members and university for making this a successful one.

Satisfaction level of trainee Excellent



Bindiya Mahanta



UG-IV, AAU, Jorhat

Training period	16/06/2019 to 05/07/2019 (11 days)
------------------------	------------------------------------

Visiting institute	ITCPH, Lipa city, Philippines
---------------------------	-------------------------------

Department	Department of Agriculture
-------------------	---------------------------

Thematic area	Pig husbandry
----------------------	---------------

Feedback

A very insightful, inspirational and learning experience. The training program was made to include as much substance of the Philippines animal husbandry sector as possible in the limited number of days. The training program included housing, management, feeding, healthcare, public health activities, research and genetics of the Philippines pig husbandry. It was designed to expose the students to the different practices followed in the country. The program was a bit short, however, it was quite enriching.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Abhilasha Sharma



UG-IV, AAU, Jorhat

Training period 16/06/2019 to 05/07/2019 (11 days)

Visiting institute ITCPH, Lipa city, Philippines

Department Department of Agriculture

Thematic area Pig husbandry

Feedback

It was a wonderful experience, being exposed at an international level. I learned the differences in management, treatment, and biosecurity measures between the system in Philippines and that of India. The only drawback was that it was quite hectic and we wanted more on farm practical experiences.

Satisfaction level of trainee Excellent



Chukhu Nimy



UG-II, AAU, Jorhat

Training period 16/06/2019 to 05/07/2019 (11 days)

Visiting institute ITCPH, Lipa city, Philippines

Department Department of Agriculture

Thematic area Pig husbandry

Feedback

Honestly I wanted to have more practical experience because the experience we had wasn't enough. But overall everything was perfect including the lodging and food. The theory classes taken by ITCPH staff was also quite helpful. We got to visit lot of people and places which was pretty nice and helpful.

Satisfaction level of trainee Excellent

Response Catalogue of International Trainings under NAHEP



Jyoti Chanda Kalita



UG-IV, AAU, Jorhat

Training period	16/06/2019 to 05/07/2019 (11 days)
Visiting institute	ITCPH, Lipa city, Philippines
Department	Department of Agriculture
Thematic area	Pig husbandry
Feedback	

An experience of its own kind, got exposure to newer and varied methods of pig husbandry that are to be applied in future, really glad and thankful to be a part of the programme. Feels so true about the ITCPH tagline "learning by doing, the ITCPH way"

Satisfaction level of trainee	Excellent
-------------------------------	-----------



Satavisha Bhattacharya



UG-III, AAU, Jorhat

Training period 05/08/2019 to 16/08/2019 (11 days)

Visiting institute Iowa State University, USA

Department Global Programs Department, College of Agriculture and Life Sciences

Thematic area Precision Agriculture and Recent Advances in Agriculture technology

Feedback

It was indeed an awesome experience. It was revealing to see advanced technologies and their application in agriculture. We got to learn so many new thing regarding precision agriculture and also allied sciences that we can apply here in India too.

Satisfaction level of trainee Excellent





Abhibandana Das

UG-III, AAU, Jorhat

Training period	15/06/2019 to 26/06/2019 (11 days)
Visiting institute	ETH University, Zurich
Department	Department of Life Sciences
Thematic area	Organic agriculture and Food system
Feedback	

Everything was so well planned and organised that it greatly enhanced our learning process. We had Professors, Instructors and other associated people ready to always help us. In the World Food System Centre the topics discussed with us during the program were very relevant for our studies. We had the opportunity to meet several enterprises and well renowned organisations like Syngenta, Bio Suisse and learnt many things from them. We met many people who inspired and motivated us with their talks. Besides practical tours and travels, the classroom teaching style was also very innovative and interesting. There was constant interaction and active discussion among the students and instructors assigned. Overall the NAHEP program gifted us a very pleasant and knowledge awarding experience and this program is recommendable for other students too.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Shivani Purohit



UG-II, AAU, Jorhat

Training period	21/07/2019 to 10/08/2019 (11 days)
Visiting institute	Asian Institute of Technology, Thailand
Department	Department of Food Agriculture and Bioresources
Thematic area	Innovation in Food Production System
Feedback	

The expository visit to AIT, Thailand will surely be beneficial to my career giving me cutting edge. The training has given me the exposure to various big industries work ethics and their processes which can be implemented in our country to enhance our food production technologies. Although more field visits related to the veterinary profession would have been appreciated.

Satisfaction level of trainee	Excellent
-------------------------------	-----------



Sanjukta Chakraborty



UG-III, AAU, Jorhat

Training period	15/06/2019 to 26/06/2019 (11 days)
------------------------	------------------------------------

Visiting institute	ETH University, Zurich
---------------------------	------------------------

Department	Department of Life Sciences
-------------------	-----------------------------

Thematic area	Organic agriculture and Food system
----------------------	-------------------------------------

Feedback

The various arrangements were very well organised and all our necessities were taken care of. It was a wonderful stay there. It was a great opportunity to visit various places contributing to the growth of organic agriculture in and outside Switzerland, know about the strategies adopted by them and also the classroom sessions wherein we learnt the various aspects of the food systems operating across the world.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Kankana Borah



UG-III, AAU, Jorhat

Training period 21/07/2019 to 10/08/2019 (11 days)

Visiting institute Asian Institute of Technology,
Thailand

Department Department of Food Agriculture and
Bioresources

Thematic area Innovation in Food Production
System

Feedback

Being an agricultural student this program helped me a lot in getting exposure to the food safety, security and innovations and how can we apply them for people's benefit. Being taught by professors from different country definitely helped us to enrich our knowledge. It was an extremely helpful trip for knowing a different country's culture, their education system, the people, about their industries and farms through visits and also about different study opportunities that we can take for future. I am extremely grateful to ICAR, NAHEP, AAU for giving me this wonderful opportunity to learn so many new things.

Satisfaction level of trainee Excellent



Kabyashree Bora



UG-III, AAU, Jorhat

Training period	21/07/2019 to 10/08/2019 (11 days)
------------------------	------------------------------------

Visiting institute	Asian Institute of Technology, Thailand
---------------------------	--

Department	Department of Food Agriculture and Bioresources
-------------------	--

Thematic area	Innovation in Food Production System
----------------------	---

Feedback

It was a great opportunity for us. We learned a lot and it was an amazing experience to be part of this programme. But I think it will be more beneficial if the time period is extended and more practical works are included.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Sabnam Begum



UG-III, AAU, Jorhat

Training period	21/07/2019 to 10/08/2019 (11 days)
------------------------	------------------------------------

Visiting institute	Asian Institute of Technology, Thailand
---------------------------	--

Department	Department of Food Agriculture and Bioresources
-------------------	--

Thematic area	Innovation in Food Production System
----------------------	---

Feedback

It was a great opportunity for all of us. It was an amazing experience to be remembered forever. I wish we could get more exposure of practical training and the training schedule was more lengthier.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Priyanka Barman



UG-II, AAU, Jorhat

Training period 21/07/2019 to 10/08/2019 (11 days)

Visiting institute Asian Institute of Technology,
Thailand

Department Department of Food Agriculture and
Bioresources

Thematic area Innovation in Food Production
System

Feedback

Through this trip, I have come across some brilliant minds who have encouraged me to think about new ideas and new concepts. I got to know about different technologies developed for different works, their utility and importance, more vividly on food security and the present scenario of food security across the globe and measures to be taken or can be taken and on food hygiene and sanitation with examples and also games. I also got an idea on how to make presentation and research. Studying was made more fun, exciting and interesting through various games, presentations, and interactive sessions with the Professors. Classes were engrossing. It was a memorable and wonderful journey

Satisfaction level of trainee Excellent



Deep Jyoti Barman



UG-III, AAU, Jorhat

Training period	15/06/2019 to 26/06/2019 (11 days)
------------------------	------------------------------------

Visiting institute	ETH University, Zurich
---------------------------	------------------------

Department	Department of Life Sciences
-------------------	-----------------------------

Thematic area	Organic agriculture and Food system
----------------------	-------------------------------------

Feedback	
-----------------	--

The visit was very useful for our learning process. Through this we got to know about the different organic agriculture technology used in field.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Himadri Saikia



UG-III, AAU, Jorhat

Training period 15/06/2019 to 26/06/2019 (11 days)

Visiting institute ETH University, Zurich

Department Department of Life Sciences

Thematic area Organic agriculture and Food system

Feedback

It was an amazing experience to be in Switzerland which is such a beautiful country. The team from world food system had taken very good care of us. They were extremely supportive and concerned to make our stay comfortable at International Youth Hostel, Switzerland. We got to learn about the organic farming scenario all across the world. We also learned about its certification procedure and also got the opportunity to meet people from different companies related to organic farming. We also visited organic farms there and saw technologies like drone and its application in agriculture.

Satisfaction level of trainee Excellent



Nainika Senapati



UG-III, AAU, Jorhat

Training period	15/06/2019 to 26/06/2019 (11 days)
------------------------	------------------------------------

Visiting institute	ETH University, Zurich
---------------------------	------------------------

Department	Department of Life Sciences
-------------------	-----------------------------

Thematic area	Organic agriculture and Food system
----------------------	-------------------------------------

Feedback

It was a great privilege for us to get a foreign exposure under NAHEP under IDP. We learnt the works performed by the WFSC and the way they are working in organic agriculture. We also learnt about the different institutions working in the field of organic agriculture in Switzerland. This visit to a developed country helped us a lot in understanding evolved agricultural systems and their implications for larger society. It has helped us to know the areas where we can improve to for making organic agriculture a success in our own country.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Hiranyajyoti Barua



UG-III, AAU, Jorhat

Training period 15/06/2019 to 26/06/2019 (11 days)

Visiting institute ETH University, Zurich

Department Department of Life Sciences

Thematic area Organic agriculture and Food system

Feedback

The training visit was very worthwhile for me as I came to learn about new innovations and techniques in agriculture. This is really a very good step undertaken by ICAR as such exposure to foreign institutions help us to learn more about the advancement in agricultural related technology and how our country can adapt them. It motivated me in various ways and thus gave me the much needed push to work for the betterment of rural agriculture by providing me various ideas in this field. A long term exposure would have been better but still it enriched my knowhow to a great extent.

Satisfaction level of trainee Excellent



Rituraj Das



UG-III, AAU, Jorhat

Training period 15/06/2019 to 26/06/2019 (11 days)

Visiting institute ETH University, Zurich

Department Department of Life Sciences

Thematic area Organic agriculture and Food system

Feedback

It was an amazing experience to learn about various organic agricultural practices and their policies being carried out in various parts of Switzerland. It was overall a very enriching experience.

Satisfaction level of trainee Excellent



Archita Goswami



UG-III, AAU, Jorhat

Training period	15/06/2019 to 26/06/2019 (11 days)
------------------------	------------------------------------

Visiting institute	ETH University, Zurich
---------------------------	------------------------

Department	Department of Life Sciences
-------------------	-----------------------------

Thematic area	Organic agriculture and Food system
----------------------	-------------------------------------

Feedback

It was a great experience. We could learn a lot of things like organic agriculture and the food systems of Europe and how it is different from India and the rest of the world. I got first hand exposure to different agribusiness models and companies working around the globe. The people in Switzerland are polite and warm which made my stay a beautiful experience. I am obliged to get such an opportunity and thank World Food System Centre, ETH Zurich and AAU Jorhat for giving me such a lifetime opportunity.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Deepsikha Gogoi



UG-III, AAU, Jorhat

Training period	15/06/2019 to 26/06/2019 (11 days)
------------------------	------------------------------------

Visiting institute	ETH University, Zurich
---------------------------	------------------------

Department	Department of Life Sciences
-------------------	-----------------------------

Thematic area	Organic agriculture and Food system
----------------------	-------------------------------------

Feedback	
-----------------	--

Though this exchange and learning programme we were able to develop our practical skills and gain some experience and knowledge regarding organic agriculture. We were able to understand things needed to replicate the best practices in the context of our own country.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Dikshita Hazarika



UG-III, AAU, Jorhat

Training period 15/06/2019 to 26/06/2019 (11 days)

Visiting institute ETH University, Zurich

Department Department of Life Sciences

Thematic area Organic agriculture and Food system

Feedback

Every student dreams of an international exposure to a reputed university or an organization. Right from the day we landed in Zurich every single thing about this place surprised me. This exposure helped me immensely to broaden my horizon and knowledge. The use of advanced and modernized technologies in the field of agriculture helped me in gaining knowledge to a great extent. Visits to reputed organizations like ProSpecies Rara, Syngenta, FiBL helped us in understanding how these organizations work for the betterment of the farmers and the agriculture sector overall. The classroom sessions held at ETH Zurich were also very interesting. We were also fortunate enough to visit various organic farms and also got some hands on learning experience on cheese making. It helped us not only in gathering information and knowledge but also in gaining confidence.

Satisfaction level of trainee Excellent



Abhinanda Hazarika



UG-III, AAU, Jorhat

Training period 15/06/2019 to 26/06/2019 (11 days)

Visiting institute ETH University, Zurich

Department Department of Life Sciences

Thematic area Organic agriculture and Food system

Feedback

The exchange and learning visit on organic agriculture and food systems was really beneficial for each one of us. We learned about the different fields related to food systems and organic agriculture throughout the world. We visited different institutions and organisations where we could learn through demonstration. Seeing and doing things practically can help us to gain more and this exchange and learning visit is the best example of this. An exposure at this stage of my life helped me to become a more learned person and motivated me to work for improving the current situations in our own country. I am grateful to the whole NAHEP Team and ETH Zurich World food system center for making this happen.

Satisfaction level of trainee Excellent



Sakshi Sinha



UG-III, AAU, Jorhat

Training period 15/06/2019 to 26/06/2019 (11 days)

Visiting institute ETH University, Zurich

Department Department of Life Sciences

Thematic area Organic agriculture and Food system

Feedback

I feel honoured to share my thoughts on the exposure and learning visit to ETH Zurich Switzerland. It was full of new experiences by understanding alpine agriculture and exploring new culture. The WFSC members were really humble and helpful to us throughout the period and always tried to make us feel comfortable in the country. The program enlightened me with the various aspects of the global food system, how it works and food security. I was able to understand the differences between the agriculture practices done in both the countries and the impacts of them. The chance to visit various organisations like Sativa ,Syngenta and Prospecirara and learning about their work was one of a amazing experience. With the interaction with the WFSC members and by participating during the various discussion sessions has surely helped me to develop my personality and given me lot of confidence.

Satisfaction level of trainee Excellent



Kirtika Changkakoti



UG-II, AAU, Jorhat

Training period 21/07/2019 to 10/08/2019 (11 days)

Visiting institute Asian Institute of Technology,
Thailand

Department Department of Food Agriculture and
Bioresources

Thematic area Innovation in Food Production
System

Feedback

Everything was well arranged which included food, accommodation, education, exposure and hospitality. It would have been a great help to the veterinarians if anything related to veterinary and animal husbandry was also arranged.

Satisfaction level of trainee Excellent



Dikshita Saikia



UG-III, AAU, Jorhat

Training period 15/06/2019 to 26/06/2019 (11 days)

Visiting institute ETH University, Zurich

Department Department of Life Sciences

Thematic area Organic agriculture and Food system

Feedback

It was a great experience. We've been to one of the best universities of the world and I feel blessed. I'm grateful to my university for giving me this golden opportunity. This exchange visit has made me more aware of the global scenario in agriculture. I now have a better understanding of the world food system-its complexities and challenges. I now understand why organic agriculture is of utmost importance and the need to promote it. I am spellbound by their level of sincerity and accuracy they maintain in their work. I want to see that in India too and make our country more progressive.

Satisfaction level of trainee Excellent



Atmika Barman



UG-II, AAU, Jorhat

Training period 05/08/2019 to 16/08/2019 (11 days)

Visiting institute Iowa State University, USA

Department Global Programs Department,
College of Agriculture and Life
Sciences

Thematic area Precision Agriculture and Recent
Advances in Agriculture technology

Feedback

The visit to Iowa state university in Ames, Iowa, USA was a delightful experience. Within a short period we could learn many things of practical importance. Now I am more confident than before and I am ready to take challenges of imparting knowledge mainly to the students, farmers and entrepreneurs of our region. It is a great initiative by ICAR and many trips like this should be organised for uplifting the socio-economic status of the country. Finally, I am very grateful for this experience and I thank everyone for allowing me to be a part of this wonderful trip

Satisfaction level of trainee Excellent



Aditi Baruah



UG-III, AAU, Jorhat

Training period 15/06/2019 to 26/06/2019 (11 days)

Visiting institute ETH University, Zurich

Department Department of Life Sciences

Thematic area Organic agriculture and Food system

Feedback

I would extend a warm thank you to all the people associated with NAHEP for organising such an amazing exchange and learning visit. I feel fortunate and privileged to be a part of this visit. The whole session was not only interesting but also very productive. The discussions throughout the whole visit were very informative. What I enjoyed the most were the trips to different organisations associated with organic certification. During the trips to various organisations I particularly enjoyed the practical lessons, which made the contents easily understandable. I got to learn about their agriculture system, Swiss agricultural policies, breeding procedures, organic certification procedures. The precision agriculture that they are following is worth mentioning.

Satisfaction level of trainee Excellent



Puja Duarah



UG-III, AAU, Jorhat

Training period 21/07/2019 to 10/08/2019 (11 days)

Visiting institute Asian Institute of Technology,
Thailand

Department Department of Food Agriculture and
Bioresources

Thematic area Innovation in Food Production
System

Feedback

The summer education camp at Asian institute of Technology was a enriching experience. We had great exposure to the field of Food production system of the entire globe. My suggestion is to increase the period of the camp which would help the student to demonstrate and evaluate their learnings in a more better way. We got to know that AIT is dealing with some international project and researches to combat with the issues related to food production system. Food insecurity around the globe is an emerging area of concern. The training was helpful in understanding the magnitude of the problem and strategies required to deal with it.

Satisfaction level of trainee Excellent



Anindita Sandilya



UG-II, AAU, Jorhat

Training period	21/07/2019 to 10/08/2019 (11 days)
Visiting institute	Asian Institute of Technology, Thailand
Department	Department of Food Agriculture and Bioresources
Thematic area	Innovation in Food Production System
Feedback	

The training was extremely beneficial. The teachings and the training workshop that we joined will help us in future. The lenient classroom environment created by the teachers and staff members, based on the principle of 'education with fun' helped the learning process to be more effective for us. The food, accommodation and the hospitality we received from the Thai people was really heart-warming.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------

Response Catalogue of International Trainings under NAHEP



Anindita Saikia



UG-III, AAU, Jorhat

Training period 05/08/2019 to 16/08/2019 (11 days)

Visiting institute Iowa State University, USA

Department Global Programs Department,
College of Agriculture and Life
Sciences

Thematic area Precision Agriculture and Recent
Advances in Agriculture technology

Feedback

This trip was truly a worth experience and helped us to learn and understand new things in a better way. Hands on work experience were really beneficial as we were in a different country so it was really interesting to know how they work. These kinds of trips exposes the students to a whole new environment and new experiences which help the students to grow in confidence. I would say that these kinds of training and exposure trips should be more encouraged and continued.

Satisfaction level of trainee Excellent



Aliva Dutta



UG-III, AAU, Jorhat

Training period	15/06/2019 to 26/06/2019 (11 days)
------------------------	------------------------------------

Visiting institute	ETH University, Zurich
---------------------------	------------------------

Department	Department of Life Sciences
-------------------	-----------------------------

Thematic area	Organic agriculture and Food system
----------------------	-------------------------------------

Feedback

It has been a wonderful experience with lots of inputs which I believe will bring in overall development of all of us who visited ETH, Zurich. Going through various stages to get selected helped us in gaining confidence and also taught us how to face interviews bravely. We learnt a great amount of things related to Organic Agriculture which will help us throughout our life. The lifestyle, the way of education of Switzerland is highly appreciable and that helped in developing our behaviour patterns in lot of ways. NAHEP gave us a great opportunity to explore the Agriculture of another country which is doing so well in Organic Agriculture. And ETH, Zurich has indeed taught us a lot about food systems. I am highly satisfied with the international training that I achieved because of NAHEP and Assam Agricultural University.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Brishmrita Mahanta Das



UG-III, AAU, Jorhat

Training period	15/06/2019 to 26/06/2019 (11 days)
------------------------	------------------------------------

Visiting institute	ETH University, Zurich
---------------------------	------------------------

Department	Department of Life Sciences
-------------------	-----------------------------

Thematic area	Organic agriculture and Food system
----------------------	-------------------------------------

Feedback

This visit to ETH has left a great impact on the lives of all the students. It has encouraged each one of us, and helped us learn things and garner knowledge not only in the field of Organic Agriculture, but also other aspects of life. It has aided in the overall personality development and has broadened our outlook to life. It has motivated us to do something good for the development and betterment of the farmers of our country. Thus, this kind of foreign exposure is much needed in future for the good of the students and for the nation in a broader sense.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Bornita Khound



UG-III, AAU, Jorhat

Training period 21/07/2019 to 10/08/2019 (11 days)

Visiting institute Asian Institute of Technology,
Thailand

Department Department of Food Agriculture and
Bioresources

Thematic area Innovation in Food Production
System

Feedback

I feel fortunate to have got the opportunity for the international visit at Asian Institute of Technology, Thailand through NAHEP. It helps me in learning beyond boundaries. Through this visit I came to know about various technologies used in agriculture development. I learned a lot about various innovation in food production system. As a whole it was an amazing experience with the family of the department of Food engineering and bioprocess technology. The teachers as well as the students were very much cooperative and helpful. Finally, I am thankful to the whole team of NAHEP and AIT.

Satisfaction level of trainee Excellent



Priyanka Devi



UG-III, AAU, Jorhat

Training period	15/06/2019 to 26/06/2019 (11 days)
------------------------	------------------------------------

Visiting institute	ETH University, Zurich
---------------------------	------------------------

Department	Department of Life Sciences
-------------------	-----------------------------

Thematic area	Organic agriculture and Food system
----------------------	-------------------------------------

Feedback

I thoroughly enjoyed the classroom education and the outdoor education. Learning the World Food System was the most exciting part. I could distinguish the Agricultural farming systems in Switzerland and India and some of its implications. I am looking for more such training programmes in future .

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Tarh Merang



UG-III, AAU, Jorhat

Training period 21/07/2019 to 10/08/2019 (11 days)

Visiting institute Asian Institute of Technology,
Thailand

Department Department of Food Agriculture and
Bioresources

Thematic area Innovation in Food Production
System

Feedback

The institution was very advanced since it had students from diverse countries. The teaching faculties were very interactive and were able to keep us glued to the teaching and other activities. But as fisheries student there is not much scope for us. And as per the guidelines of the program there was no separate activities or learning for respective particular departments and all activities and workshops were conducted as a whole with students from other departments like veterinary, home science.

Satisfaction level of trainee Excellent



Udipta Hazarika



UG-II, AAU, Jorhat

Training period	21/07/2019 to 10/08/2019 (11 days)
Visiting institute	Asian Institute of Technology, Thailand
Department	Department of Food Agriculture and Bioresources
Thematic area	Innovation in Food Production System
Feedback	
<p>The experience was great and will always be valuable. The time period can be extended to 45 to 60-day period.</p>	
Satisfaction level of trainee	Excellent

Response Catalogue of International Trainings under NAHEP



Nawvabi Deka



UG-IV, NDRI, Karnal

Training period	15/01/2019 to 02/03/2019 (46 days)
------------------------	------------------------------------

Visiting institute	University of Georgia, USA
---------------------------	----------------------------

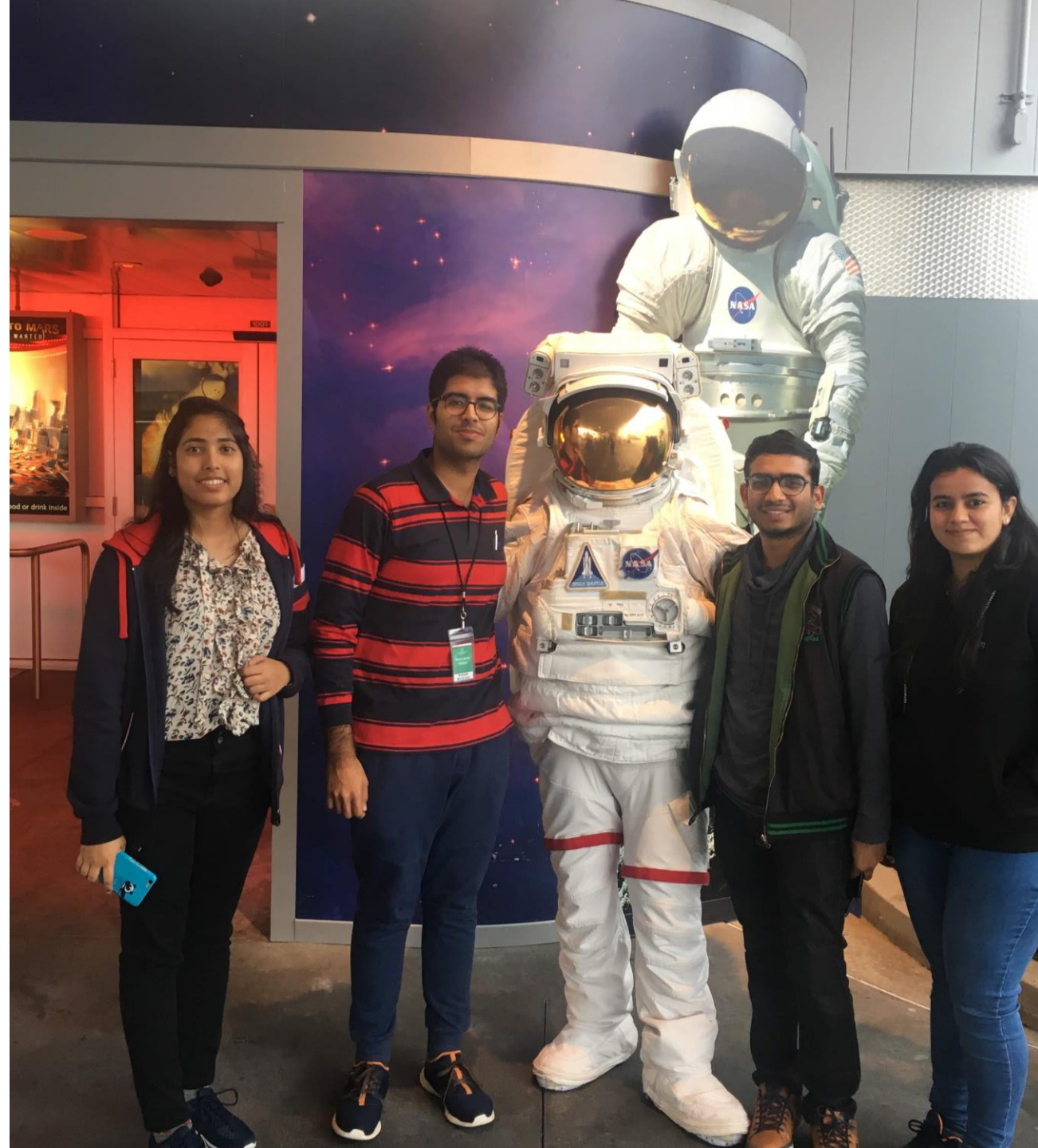
Department	Department of Food Science
-------------------	----------------------------

Thematic area	Sensory Evaluation and Consumer Behaviour Analysis
----------------------	--

Feedback

It was an enriching experience where we got exposure in the field of Sensory Evaluation and Consumer Behaviour for different products. Also, we got to know how different products are evaluated before launching, how the shelf life of the products are determined. Apart from this we also got exposure to the culture prevalent there, met people from different parts of the World, got the chance to try different cuisines. Overall, it was an excellent programme that has helped me grow both mentally as well as in aspects of Technical knowhow related to my course.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Priyam Agarwal



UG-IV, NDRI, Karnal

Training period 15/01/2019 to 02/03/2019 (46 days)

Visiting institute University of Georgia, USA

Department Department of Food Science

Thematic area Sensory Evaluation and Consumer Behaviour Analysis

Feedback

The life time opportunity provided by ICAR- NAHEP was a great opportunity for learning. Apart from gaining an ultimate exposure to new forms of knowledge like access to GCMS, Conducting Sensory tests for different companies, I got to learn a lot more about the culture of a developed nation. Along with this, the best thing which I learnt was team management. We travelled to a number of places in USA like Chicago, New York, Las Vegas, Atlanta, Arizona, Orlando and got some unforgettable experiences. Management of funds and time cant be learned in a much better way than this trip offered us. The exposure to an entirely different business culture and a developed education hub is definitely the best learnings of my life.

Satisfaction level of trainee Excellent





UG-IV, NDRI, Karnal

Training period 01/08/2019 to 1/10/2019 (61 days)

Visiting institute University of Copenhagen, Denmark

Department Department of Ingredients and Dairy Technology

Thematic area 3-D Food Printing of Dairy Based Dessert-Citron Fromage

Feedback

The training as a whole was overwhelming and I would like to thank NAHEP, ICAR, NDRI for providing this opportunity. I met students from many countries and enquired about their experience there. With free weekends, I used the time to go for neighbouring countries of Sweden and Germany to explore more opportunities. While interning there, I met Indian Students at Indian Embassy program and got to know about their activities. By the end of training, I completed my project well on time and my mentor were pretty happy with my work. In all, it was really helpful to gain insight into education abroad and as I result I am pursuing my masters from Europe now.

Satisfaction level of trainee Excellent



Vaishali Poswal



UG-III, NDRI, Karnal

Training period	11/01/2019 to 25/02/2019 (45 days)
------------------------	------------------------------------

Visiting institute	Purdue University, USA
---------------------------	------------------------

Department	Department of Agricultural and Biological Engineering
-------------------	---

Thematic area	Corn Dust management
----------------------	----------------------

Feedback

During the training I learned a lot. I came to know about the study culture of the students in USA. The working culture is really worth emulating. I loved the way they welcomed us and it was a big opportunity to learn about different ways of doing things. I did a project with a post doctorate student and I was influenced by his enthusiasm and dedication towards work. Even though the weather was harsh, but I could manage it with all information and suggestions given by our professor Dr. Kingsy Ambrose in Purdue. Every one was friendly and was ready to help whenever I asked. I will also mention that the faculties at NDRI has properly managed and coordinated this program. Director, joint director and scientists, all were engaged in making this institutional development program a huge success.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Poonam



UG-III, NDRI, Karnal

Training period 20/08/2019-15/10/2019 (56 days)

Visiting institute Purdue University, USA

Department Agricultural and Biological Engineering department

Thematic area Advanced Particle and Powder Characterization Method

Feedback

My first internship experience has been rewarding because I have acquired and learned new skills. This internship has enriched my knowledge in the field of Advanced Particle and Powder Characterization method. I worked in Agricultural and Biological Engineering department which is ranked no. 1 in the world of agriculture from last 10 years by US News & World Report (2019) The most important part of my internship was I got familiar with instruments like Anton Parr MCR(502) Rheometer, Moisture Content Analyzer and many other important tools. The main objective and goal for the internship was to learn about these instrument and to study effect of Time consolidation and compact history on powder rheology.

Satisfaction level of trainee Excellent



Aakash Sharma



UG-IV, NDRI, Karnal

Training period 18/08/2019 to 17/10/2019 (60 days)

Visiting institute Riddet Institute, Massey University, Palmerston North, New Zealand

Department Department of Food Technology

Thematic area Physiochemical Properties of Meat Analogue

Feedback

First of all, I am very thankful to everyone for providing me this opportunity. I must say that the period of 8 weeks was suitable enough for planning and carrying out the small project, but it's tough to complete a project in this much time as the experiment doesn't always work to our plans. Sometimes the unfavourable results cause the delay for which one may require more time. I would suggest to increase the duration by about 20-30 days for writing part. The money provided was nearly sufficient for living expense. Thank you.

Satisfaction level of trainee Excellent





UG-III, NDRI, Karnal

Training period 01/08/2019 to 1/10/2019 (61 days)

Visiting institute University of Copenhagen, Denmark

Department Department of Ingredients and Dairy Technology

Thematic area 3-D Food Printing of Dairy Based Dessert- Citron Fromage

Feedback

This internship helped me to have a global exposure of work cultures. Apart from my project work, we also had an Industrial visit which gave us an understanding of how dairy plants of cheese and milk powders work there and different technologies. In the university, we also assisted our respective mentors in their project work and learnt etiquettes from them. Surely this internship was full of learning giving a unique kind of experience to us. I am heartily thankful to NAHEP (Govt. of India) and my institute for giving me this golden opportunity.

Satisfaction level of trainee Excellent



Pragya Malik



UG-IV, NDRI, Karnal

Training period	16/08/2019 to 17/10/2019 (62 days)
------------------------	------------------------------------

Visiting institute	University of Idaho, Idaho, USA
---------------------------	---------------------------------

Department	Department of Food Sciences
-------------------	-----------------------------

Thematic area	Investigating the Impact of Different Stabilizer on Chocolate Milk Property by Rheological Analysis
----------------------	---

Feedback

The exposure to an international university and working under an international scientist helps student to bridge the gap of understanding how research works at our university level and at a global level. Set of skills, technological advancement, cultural and behavioural difference can show impact on self learning and enhance professionalism along with understanding to meet requirements of a research project. Overall, a tremendous experience.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Bhaswati Chowdhury



UG-IV, NDRI, Karnal

Training period	09/08/2019 to 08/10/2019 (60 days)
------------------------	------------------------------------

Visiting institute	Oklahoma State University, USA
---------------------------	--------------------------------

Department	Department of Animal Science
-------------------	------------------------------

Thematic area	Effect of Fat Level, Time and Temperature on Quality of Yoghurt.
----------------------	--

Feedback

I feel really blessed to be a part of this IDP-NAHEP program and gain the opportunity to undergo the overseas internship at Oklahoma State University, Stillwater under Dr. Ranjith Ramanathan. I got the opportunity to learn about many sophisticated instruments, witnessed many eye opening technologies which will help me in my future for further studies and research. Apart from learning, I also met many new people and got to know about their culture.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------





UG-IV, NDRI, Karnal

Training period 16/08/2019 to 17/10/2019 (62 days)

Visiting institute University of Idaho, Idaho, USA

Department Department of Food Sciences

Thematic area Investigating the Impact of Different Stabilizer on Chocolate Milk Property by Rheological Analysis

Feedback

This program of overseas internship was very helpful in both professional and personal terms. It is a very innovative idea to enhance the technological skills for students and provide them with a global exposure of their field. I personally gained a lot of personal experience starting from the visa application process and then staying managing my stay in a foreign land.

Satisfaction level of trainee Excellent





UG-III, NDRI, Karnal

Training period	16/07/2019 to 15/09/2019 (61 days)
Visiting institute	Southern Illinois University, Carbondale, Illinois, USA
Department	Department of Plant, Soil and Agricultural Systems
Thematic area	Food Proteomics
Feedback	
<p>This international training was a great opportunity for me to work as student intern in a research laboratory situated in U.S.A. My research area was food proteomics which is totally new field in food science. I learned about sample preparation, SDS-PAGE, affect of U.V. on the total poly-phenol content and anthocyanin content of strawberries. Apart from the research activities, I visited apple processing plant located few miles away from the university. Overall, this 2 months internship taught me a lot of things which will be helpful in my higher studies. I am thankful to ICAR-NDRI and NAHEP.</p>	
Satisfaction level of trainee	Excellent



Abhilash Borah



UG-III, NDRI, Karnal

Training period	18/08/2019 to 17/10/2019 (60 days)
------------------------	------------------------------------

Visiting institute	Riddet Institute, Massey University, Palmerston North, New Zealand
---------------------------	---

Department	Department of Food Technology
-------------------	-------------------------------

Thematic area	Physiochemical Properties of Meat Analogue
----------------------	---

Feedback

It was indeed an awesome experience as we got to know about the culture, working environment since we were attached with highly qualified research scholars. Our guide supported us throughout the entire trip. Be it in academics, projects, guidance etc. We were highly obliged to get this chance out of all the aspiring candidates. Lastly, thank you ICAR for such an wonderful opportunity .

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Mukul Verma



UG-III, NDRI, Karnal

Training period 18/08/2019 to 17/10/2019 (60 days)

Visiting institute Riddet Institute, Massey University,
Palmerston North, New Zealand

Department Department of Food Technology

Thematic area Physiochemical Properties of Meat
Analogue

Feedback

The training was indeed an awesome experience. Thank for providing such an opportunity to us.

Satisfaction level of trainee Excellent



Sahil Mehla



UG-IV, NDRI, Karnal

Training period 11/01/2019 to 22/02/2019 (42 days)

Visiting institute University College Cork, Cork, Ireland

Department School of Food and Nutritional Sciences

Thematic area Use of lecithin for in-stantization of Whole Milk Powder

Feedback

It was a good experience. However, I felt better coordination was required to conduct this training as it took the host institute some amount of time in understanding about our internship objectives.

Satisfaction level of trainee Excellent



Shubham Kapoor



UG-III, NDRI, Karnal

Training period	1/09/2019 to 31/10/19 (60 days)
Visiting institute	McGill university, Canada
Department	Food Sciences- MacDonald Campus
Thematic area	Evaluation and Comparison of Yield , Quality and Storage Stability of Paneer

Feedback

The internship opportunity I had at McGill University, MacDonald Campus was a great chance of learning and overall development. Therefore, I consider myself very lucky as I was provided with an opportunity to be a part of it for which I would like to express my deepest thanks to ICAR-NDRI. I had great experience there I learnt about various new techniques like applications of non-thermal processing of foods esp. high pressure processing. My research is on evaluation and comparison of yield, quality and storage stability of Paneer. Along with professional learning, I had a great learning leading to my personality improvement. There I improved my communication skills; also I learned some French language (their native language).

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Avineesh Arora



UG-III, NDRI, Karnal

Training period 15/01/2019 to 02/03/2019 (46 days)

Visiting institute University of Georgia, Georgia, USA

Department Department of Food Science

Thematic area Sensory Evaluation and Consumer Behaviour Analysis

Feedback

In terms of academics, our group learned the basic protocol to conduct the consumer test as well as how it can be organized. In respect to GC-MS learned, basic parts functioning, sampling and precautions to be taken care. While witnessing conduction of descriptive test with all practical field training. We got opportunity to contribute to on-going research project on oral strips preparation. We also saw equipment's used in food processing at FoodPiC (Griffin) and Food processing lab and Pilot plant (Athens). Training period time was very short to conduct and complete a research project.

Satisfaction level of trainee Excellent





UG-IV, NDRI, Karnal

Training period 01/08/2019 to 1/10/2019 (61 days)

Visiting institute University of Copenhagen, Denmark

Department Department of Ingredients and Dairy Technology

Thematic area 3-D Food Printing of Dairy Based Dessert- Citron Fromage

Feedback

First of all I would like to take this opportunity to thank IDP-NAHEP for giving such a wonderful internship opportunity and It had been a great journey that taught various life experiences and gave opportunity for learning and professional development in different work culture. I am also grateful for having a chance to meet so many amazing people and professionals who led me through this internship period. I am sincerely expressing my gratitude to my supervisors for their aspiring guidance, valuable criticism and professional advice during the project work. The training taught me how to plan work and manage time and I had the opportunity to solve problems independently.

Satisfaction level of trainee Excellent



Sangita Thalor



UG-IV, NDRI, Karnal

Training period	01/08/2019 to 1/10/2019 (61 days)
Visiting institute	University of Copenhagen, Denmark
Department	Department of Ingredients and Dairy Technology
Thematic area	3-D Food Printing of Dairy Based Dessert-Citron Fromage
Feedback	
<p>We visited to Christian Hansen company, it was a excellent experience we learnt how the research is done and what they do to release a new formula in the market. My thanks to all the people for putting their efforts.</p>	
Satisfaction level of trainee	Excellent





UG-IV, NDRI, Karnal

Training period	15/01/2019 to 02/03/2019 (46 days)
------------------------	------------------------------------

Visiting institute	University of Georgia, Georgia, USA
---------------------------	-------------------------------------

Department	Department of Food Science
-------------------	----------------------------

Thematic area	Sensory Evaluation and Consumer Behaviour Analysis
----------------------	--

Feedback

It was a great opportunity to be a part of this program. I was involved in sensory analysis, like how companies do Sensory analysis on their product on the basis of which they commercialize the product. This helped me very well as now I am working in Nestle as Sensory coordinator. So the internship gave idea about how companies work. Also it was a great opportunity to know different cultures, the way people live and also how the things are done, research take place outside India. Really grateful to everyone who was involved in this programme.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------





UG-III, NDRI, Karnal

Training period 16/01/2019 to 3/03/2019 (46 days)

Visiting institute Kansas State University, USA

Department Department of Animal Sciences & Industry and Food Science

Thematic area Effect of Different Non-Fat Dry Milk on Physical Properties of Bread

Feedback

The international training was a life changing experience for me. It helped me grow academically as well as a person. I would like to give a few suggestions too i.e. Industrial visits should also be a part of this training, there should also be some teaching by the foreign faculty. Extensive research work is very difficult to be completed in a span of 45 days so some alternative to this can be thought of. Overall international training was really exceptional for me.

Satisfaction level of trainee Excellent



Ratul Kalita



UG-IV, NDRI, Karnal

Training period 10/01/2019 to 24/02/2019 (45 days)

Visiting institute TEAGASC Food Research Center,
Moorepark, Ireland

Department Food Research Centre

Thematic area Food bioscience (Probiotics)

Feedback

The training was a tremendous experience having global research exposure in an internationally recognized research organization. It helped me with understanding research at different levels of studying and how to initiate research and how to proceed. Also, it helped me learn to cope up in an environment of different cultures and different backgrounds.

Satisfaction level of trainee Excellent



Girish Rajpurohit



UG-III. NDRI, Karnal

Training period 19/08/19 to 20/10/19 (62 days)

Visiting institute University of Georgia, USA

Department Department of Food Science

Thematic area Food processing, Food safety and Food Microbiology

Feedback

Working in a professional setting for the first time was difficult initially but it was the best way to learn. This internship has been very helpful to me both professionally as well as on a personal note. Professionally, I learnt about how the research is done in fields of Food Microbiology, Food Safety and Food Processing. Specifically I learnt about the growth pattern of mixed strains of Salmonella species, food safety of Sous Vide cooking, effectiveness of hand sanitizers, antimicrobial effect of bleach and determining and analysing Rheology of various types of cheeses. Moreover I learned to use different software in analysing and interpreting research data. The training has enhanced my problem solving skills, ethics of team work and adaptability to a situation and time management.

Satisfaction level of trainee Excellent



Aakash Gill



UG-III, NDRI, Karnal

Training period 16/01/2019 to 3/03/2019 (46 days)

Visiting institute Kansas State University, USA

Department Department of Animal Sciences & Industry and Food Science

Thematic area Comparison of Injury Recovery Media for 7-strain Salmonella spp. Cocktail Using Heat-treated Peanut Butter Bar dough

Feedback

It was a great experience during the training, I learned many things that would be required for my future research career and the visit has also helped me improve my personal qualities.

Satisfaction level of trainee Excellent



Raminder Singh



UG-III, NDRI, Karnal

Training period	28/01/2019 to 18/03/2019 (49 days)
------------------------	------------------------------------

Visiting institute	Riddet Institute ,Massey University, Palmerston North, New Zealand
---------------------------	---

Department	Department of Food Technology
-------------------	-------------------------------

Thematic area	Characterization of Milk Powders from Bovine and Non Bovine Species
----------------------	--

Feedback	
-----------------	--

It was a very good exposure for us to interact with the scholars there and to do our jobs in such an environment. It really helped us to learn about their way of doing research, time management, following all the protocol and to have such a great work environment. I would like to thank everyone behind this for providing us such an opportunity.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Manan Preet Singh



UG-III, NDRI, Karnal

Training period 05/09/2019 to 02/11/2019 (58 days)

Visiting institute McGill university, Canada

Department Food Sciences- MacDonald Campus

Thematic area High Pressure Processing in Dairy Field.

Feedback

Going abroad for studies is the dream of every student and lucky are those who get a chance. I feel myself so lucky courtesy to IDP-NAHEP, ICAR-NDRI, Karnal who gave me a chance to visit McGill University. Coping up with all the things in beginning was a bit difficult task for me but that gave me enough strength to face tough situations in life. The internship at McGill University helped me to strengthen my background on novel techniques of processing milk and milk products especially High-Pressure Processing. Furthermore, I made paneer using High Pressure processing of milk without heat treatment which is a big achievement for me. During analysis of paneer for its shelf life, I worked on various other equipment like Texture Analyzer, Colorimeter etc. which enabled me to have a brief knowledge of all this equipment.

Satisfaction level of trainee Excellent



Shrey Agrawal



UG-IV, NDRI, Karnal

Training period	03/09/2019 to 14/10/2019 (41 days)
Visiting institute	University of Idaho, USA
Department	Department of Food Sciences
Thematic area	Rheology and Tribology of Food Products
Feedback	

Extremely blessed to be a part of this program. Got to learn a lot about American culture along with gaining additional knowledge in my subject while handling my project work.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------





UG-III, NDRI, Karnal

Training period 17/08/2019 to 17/10/2019 (61 days)

Visiting institute Lincoln University, New Zealand

Department Wine, Food and Molecular Bio Science

Thematic area Interaction properties of milk protein and pea starch.

Feedback

I got valuable research experience, tips regarding research paper during trips to various departments of the university. Invaluable guidance was provided by my mentor and I was able to actually make progress in projects that I would generally consider beyond my abilities. My lab provided me a plenty of guidance and support with my project. The major classes which I attended gave me the background knowledge that I needed to get started in my project. The IDP program gave a lot of freedom and we could learn what we wanted to learn. My guide really cared about my interests and strengths. Everyone was so supportive.

Satisfaction level of trainee Excellent



Abhishek Dwivedi



UG-IV, NDRI, Karnal

Training period 10/01/2019 to 24/02/2019 (45 days)

Visiting institute Teagasc Agriculture and Food Development Authority, Moorepark, Ireland

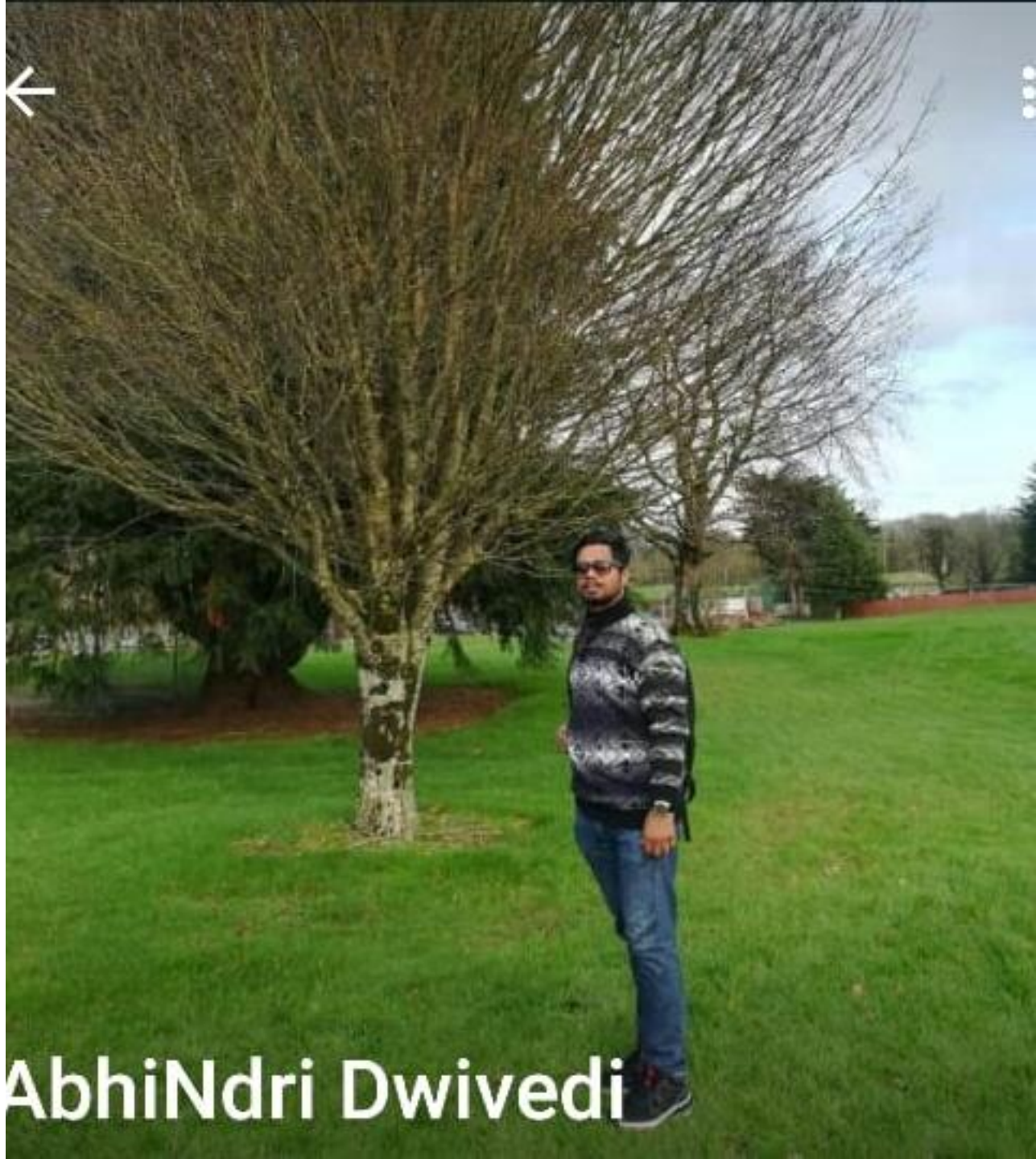
Department Food Research Centre

Thematic area Food bioscience (Probiotics)

Feedback

Time duration was too short to adopt to the environment, culture for a week they didn't allow us to enter the lab without giving the training of laboratory system. In short time we had opportunity to see the world from a different angle and learnt a lot of things which encourages me to go abroad for MS.

Satisfaction level of trainee Excellent



AbhiNdri Dwivedi

Rakesh Kaushik



UG-III, NDRI, Karnal

Training period 16/08/2019 to 15/10/2019 (60 days)

Visiting institute Southern Illinois University, Carbondale, USA

Department Department of Food Technology

Thematic area Food Microbiology

Feedback

First of all thanks to the Indian Government and world bank for this project. I also want to thank ICAR, NDRI for providing me this opportunity. I was fully satisfied with the training and the objectives of the training was interesting as it affects the daily life of the peoples. The facilities provided by the Institute was good and I just want to add one thing that if possible please increase the time of training duration. I came across so many technology and different modern equipment. I am thankful to all the peoples who directly or indirectly supported me during this training. Thank you all

Satisfaction level of trainee Excellent



Hardeep



UG-III, NDRI, Karnal

Training period	11/01/2019 to 26/02/2019 (46 days)
------------------------	------------------------------------

Visiting institute	University of Copenhagen, Denmark
---------------------------	-----------------------------------

Department	Department of Food Technology
-------------------	-------------------------------

Thematic area	Role of Fat in Multi-Functionality of Cheese Powder.
----------------------	--

Feedback	
-----------------	--

Working with Prof. Richard Ipsen & Denise Felix was always like taking a deep dive into an ocean full of knowledge and wisdom. I must say everyone was there fully cooperative & helpful. I learned a lot of things from there.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Aryaman Chauhan



UG-III, NDRI, Karnal

Training period	18/8/19 to 17/10/19 (60 days)
Visiting institute	Riddet Institute ,Massey University, Palmerston North, New Zealand
Department	Department of Food and Nutrition
Thematic area	New Product Development (Hemp based Frozen Dessert)
Feedback	

This was a really great opportunity given to each one of us who were selected. I would like to share a link of my short video depicting my work at Riddet Institute (Massey University)-

<https://drive.google.com/file/d/1tovWfGIymJ87oU9mNTZmi2xVhS1vtUbp/view?usp=drivesdk>

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Aviral Agarwal



UG-IV, NDRI, Karnal

Training period	09/08/2019 to 08/10/2019 (60 days)
------------------------	------------------------------------

Visiting institute	Oklahoma State University, USA
---------------------------	--------------------------------

Department	Department of Animal Science
-------------------	------------------------------

Thematic area	Effect of Fat Level, Time and Temperature on Quality of Yoghurt.
----------------------	--

Feedback	
-----------------	--

Thanks to IDP for providing this amazing opportunity to the students to receive internships in some of the greatest universities around the world. The opportunity that we got helped academically as well as cleared our vision for our future by opening eyes to the outside world. We got to know the people and their culture. Overall I feel lucky amongst the few to grab this rare opportunity.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Vijay Kumar



UG-IV, NDRI, Karnal

Training period	06/09/2019 to 25/10/2019 (49 days)
------------------------	------------------------------------

Visiting institute	Lincoln University, New Zealand
---------------------------	---------------------------------

Department	Department of Wine food and Molecular biosciences
-------------------	---

Thematic area	Study on Interactions of Calcium caseinate with Pea Starch
----------------------	--

Feedback

The program helped me both in professional as well as personal note. Professionally, I learnt about interactions of pea starch with calcium caseinate and worked on various equipment's like master sizer 3000E and RVA etc. There were also many things to gain at personal level.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Digvijay Verma



UG-IV, NDRI, Karnal

Training period 15/01/2019 to 25 /02/2019 (41 days)

Visiting institute Southern Illinois University, USA

Department Department of Plant, Soil and Agriculture

Thematic area Increase the Shelf-life of Strawberry using Ultraviolet Radiations

Feedback

This international internship was quite helpful in gaining insights into advanced research practices and application of research and technologies in agriculture.

Satisfaction level of trainee Excellent



Prateek



UG-III, NDRI, Karnal

Training period	20/08/2019 to 20/10/2019 (61 days)
------------------------	------------------------------------

Visiting institute	University of Georgia, USA
---------------------------	----------------------------

Department	Department of Food Sciences
-------------------	-----------------------------

Thematic area	Food processing, Food safety and Food Microbiology
----------------------	--

Feedback

The program was helpful to me both professionally as well as on a personal note. This trip helped me in broadening my knowledge in the food processing sector. I also got to know about the whole university admission procedure which is going to help me a lot in my future. During my stay there, my communication skills definitely got a lot better. Meeting new people and exchanging views with them has really helped me see things from a wider perspective now. It was really a great experience .

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Virender



UG-III, NDRI, Karnal

Training period 29/08/2019 to 29/10/2019 (61 days)

Visiting institute Kansas State University, USA

Department Animal Sciences & Industry and Food Science

Thematic area Improving the Functionality of Milk Protein Concentrate

Feedback

The internship opportunity I had at Kansas State University, Manhattan USA was a great chance of learning and overall development. My deepest thanks to ICAR-NDRI. I had a great experience there I learnt about various techniques like FAST analysis (To estimate the heat load on milk powder), Particle size analyser, Rheometer, worked on lab scale spray dryer etc. My research is on to improve the functionality of milk protein concentrate. Along with professional learning, I had a great learning in my personal self. There I improved my communication skills. All in all it was a great experience; I will strive to use the gained skills and knowledge in best possible way and will work on their improvement, in order to attain desired career objectives.

Satisfaction level of trainee Excellent



Vipin Chandra Jeengar



UG-IV, NDRI, Karnal

Training period	11/01/2019 to 22/02/2019 (42 days)
------------------------	------------------------------------

Visiting institute	University College Cork, Ireland
---------------------------	----------------------------------

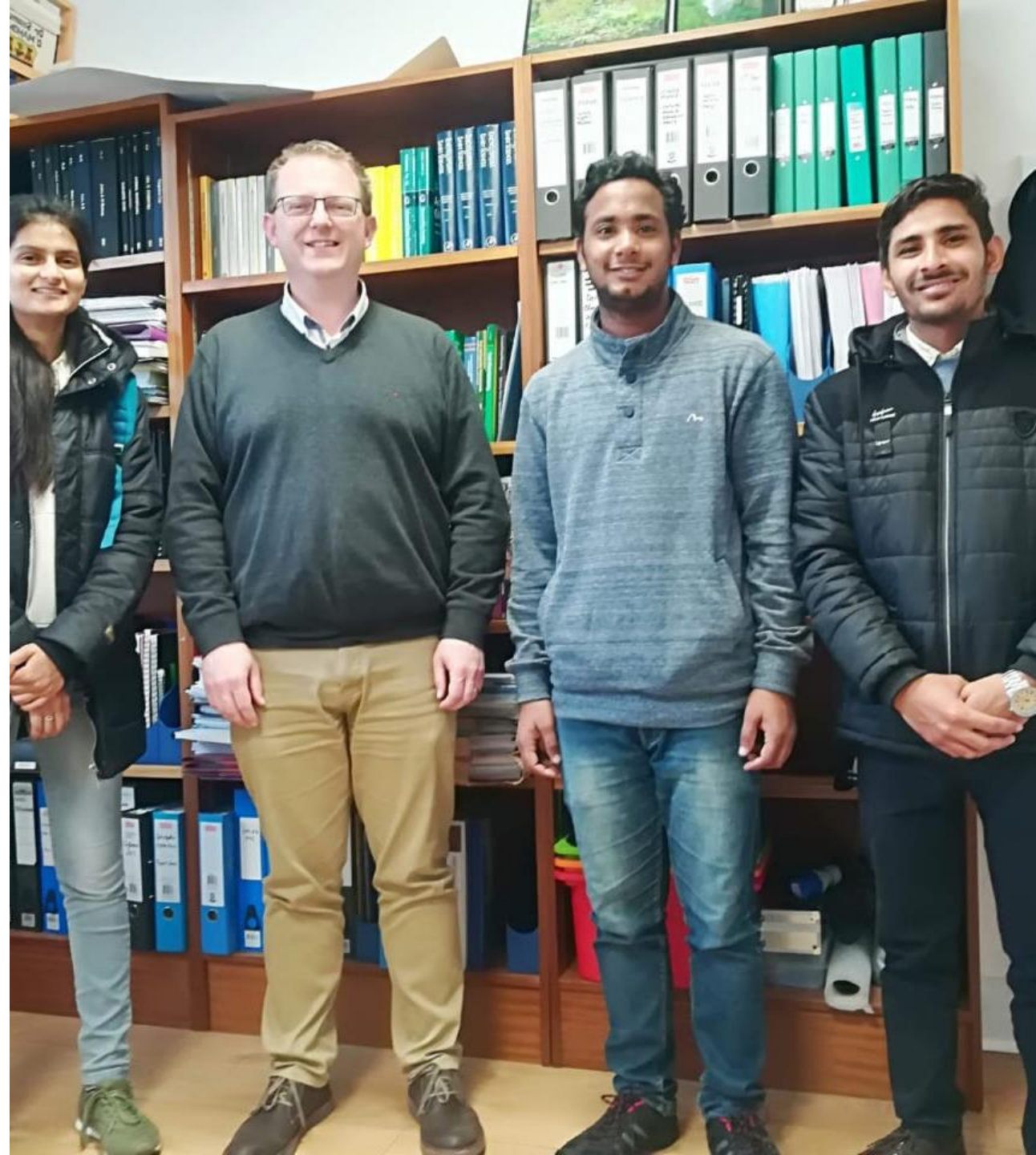
Department	School of food and nutritional Sciences,
-------------------	--

Thematic area	Cold Membrane Processing of milk and whey for development of premium ingredients.
----------------------	---

Feedback

It was a good experience, however, we had to encounter many hurdles and wish things are better planned and coordinated at this university in future internship programmes there.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------





UG-IV, NDRI, Karnal

Training period	26/08/2019 to 15/10/2019 (50 days)
Visiting institute	Purdue University, USA
Department	Biological & Agricultural Engineering
Thematic area	Advanced Particle and Powder Characterization Methods
Feedback	
<p>I had a great internship experience at Purdue University, USA learning about Powder Characterization Methods. I expanded my global perspective, understood what it means to be world citizen and developed many friendships. My internship challenged me everyday and required me to adapt very quickly to the workplace. My mentors were extremely helpful in guiding me to all the required protocols I needed to accomplish my research. The overall experience helped me understand my academic and professional goals.</p>	
Satisfaction level of trainee	Excellent



Vinay Kumar Jha



UG-IV, NDRI, Karnal

Training period 14/01/2019 to 25/02/2019 (41 days)

Visiting institute Southern Illinois University, USA

Department Department of Plant, Soil and Agriculture

Thematic area Increase the Shelf Life of Strawberry Yogurt using Ultraviolet Radiations.

Feedback

It was a great learning experience. Apart from learning the course curriculum ,got a chance to know the culture and tradition of the host country. It was a life time opportunity for me to be the part of this programme

Satisfaction level of trainee Excellent



Bishal Barman



UG-III, NDRI, Karnal

Training period	20/08/2019 20/10/2019 (61 days)
------------------------	---------------------------------

Visiting institute	University Of Nebraska, Lincoln, USA,
---------------------------	---------------------------------------

Department	Food Science & Technology
-------------------	---------------------------

Thematic area	Bioactive peptides, Antioxidant and Anti-Inflammatory Efficacy of Dietary Bioactive Peptides from Egg White Proteins.
----------------------	---

Feedback

A great experience it was. Really a dream came true. I was mainly involved in extensive literature studies rather than in experiments. It was a great exposure for me. The honest feedback will be to shift this program to final year so that students can apply their four year knowledge in the project they will be assigned by their respective guides.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------

Response Catalogue of International Trainings under NAHEP



Intihaz Khanom Talukdar



UG-IV, NDRI, Karnal

Training period	15/01/2019 to 03/03/2019 (41 days)
Visiting institute	Southern Illinois University, USA
Department	Department of Plant, Soil and Agriculture
Thematic area	Food Safety, Factors affecting the quality of stored food
Feedback	

It was a very good experience for the development of my overall personality and education. This stint has helped to get an insight on various kind of learning pertaining mostly to research. I have also gained immensely in my personal traits.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Pumu Taku



UG-IV, NDRI, Karnal

Training period 05/01/2019 to 20/02/2019 (46 days)

Visiting institute Purdue University, USA

Department Department of Biological & Agricultural Engineering

Thematic area Advanced Particle and Powder Characterization Methods

Feedback

This experience was a memorable one for me. I got to learn a lot from this 45 days internship program at Purdue university, USA. Being part of the project really enhanced my way of approaching a research work and taught me how to compile results and extract the essence of it. Also got to learn the usage of many new intricate machines in the lab. I managed to learn about the differences in the work culture in the US and India.

This internship program provided a great opportunity to me not only academically but it has also added so much more to my personality in terms of gaining self confidence, enhancing my communication skills and time management. Thank you NDRI, Thank you ICAR!

Satisfaction level of trainee Excellent



Rajat Jain



UG-IV, NDRI, Karnal

Training period	15/01/2019 to 03/03/2019 (47 days)
Visiting institute	Southern Illinois University, USA
Department	Department of Plant, Soil and Agriculture
Thematic area	Shelf Life study of Blueberries by using Spectroscopy
Feedback	

It was really enriching experience. We got to learn about the culture of the people there and way people approach their profession. The working culture and equipment they are having and how ownership plays a really important part there. It was once in a lifetime experience.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------

Internship at Southern Illinois University, Carbondale, USA

SIU
Southern
Illinois
University
CARBONDALE

Contents:-

1. Freshness of Blackberry and its Spectral Measurements
2. Determination of Anthocyanin, Polyphenols content in Blackberry
3. 2D Gel Electrophoresis for Protein Extraction from Strawberries

Submitted by:

Rajat Jain

ICAR-NDRI

Dairy Technology

B. Tech 4th Year

Submitted to:

Dr. Ruplal Choudhary

SIU, Carbondale

Plant, Soil and Agricultural Systems

Professor



UG-III, NDRI, Karnal

Training period	11/01/2019 to 26/02/2019 (46 days)
------------------------	------------------------------------

Visiting institute	University of Copenhagen, Denmark
---------------------------	-----------------------------------

Department	Department of Food Science
-------------------	----------------------------

Thematic area	Structsat - How structure affects Satiety?
----------------------	--

Feedback

The Professors and teammates at the University not only taught me the lessons regarding the training project, and the way to refer and understand literature, but also the value of respecting your own commitments and made me aware about their peaceful working culture and unique education system. I was glad to witness various meetings, interactions, lab tour and Food Security course. I also had an opportunity to visit some dairy processing plants and R&D industry. Overall, a very enriching experience.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Gopi Dhamija



UG-IV, NDRI, Karnal

Training period	10/01/2019 to 26/02/2019 (46 days)
------------------------	------------------------------------

Visiting institute	University of Copenhagen, Denmark
---------------------------	-----------------------------------

Department	Department of Food Science
-------------------	----------------------------

Thematic area	Biopolymer Formulations for the Production of Edible Films
----------------------	--

Feedback

First of all I am very thankful to NAHEP, ICAR, NDRI and DTU. In this 45 days training I learned lot of things like research work of my project (Film formation in Lab than testing of film by using microscopes and mechanical properties etc). The training has made me more accomplished now in dealing with activities such as visa arrangements, interacting with people from other countries has really been a fascinating experience. Overall, extremely satisfied by the knowledge I have gained that is going to be useful in my future research.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Shikhadri Mahanta



UG-IV, NDRI, Karnal

Training period 05/01/2019 to 20/02/2019 (46 days)

Visiting institute Purdue University, USA

Department Department of Biological & Agricultural Engineering

Thematic area Advanced Particle and Powder Characterization Methods

Feedback

With the starting of IDP there was excitement and an environment of competition amongst the students. The selection criteria as laid by ICAR was tough and different than the usual process of ranking the students. The process took into account the academic as well as extra curricular achievements of the students. My overall internship at Purdue University was a very enriching one. I got to work under Dr. Kingsly Ambrose in the department of Agricultural and Biological Engineering in the field of Advanced Powder Technology. It developed my interest and expanded my horizon. Currently I am pursuing my higher studies from Texas A&M University in the department of Biological and Agricultural Engineering.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------





UG-IV, NDRI, Karnal

Training period 10/01/2019 to 24/02/2019 (45 days)

Visiting institute Teagasc Agriculture and Food Development Authority, Moorepark, Ireland

Department Food Research Centre

Thematic area Microbiological Process related to Food Production, Innovation & Quality Control.

Feedback

During the training we learned lot of things and were introduced to new technologies. Firstly, in the starting days of training we faced some problems, however, soon things stabilised when Ph.D. scholars started cooperating with us. Overall experience were very good because of cooperative staff. I am thankful to NDRI for giving us this great opportunity and also helping us when we were in need while training.

Satisfaction level of trainee Excellent



Kartik Nayyar



UG-III, NDRI, Karnal

Training period	20/08/2019 to 20/10/2019 (62 days)
------------------------	------------------------------------

Visiting institute	University of Georgia, USA
---------------------------	----------------------------

Department	Department of Food Science
-------------------	----------------------------

Thematic area	Food Safety: Reduction in Salmonella in Sous-Vide cooked Steak
----------------------	--

Feedback

I got a lot of exposure during my trip. The training has helped me grow professionally as well as personally. I got to know about how research should be conducted. The institute was good and many students of different countries were there, so we got to interact with many of them. It also helped me realize things that I can do in my future career. Personally I enhanced my work ethics, problem solving skills, working in team, managing research and improved my communication skills. It was an amazing experience.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Mahesh Sharma



UG-IV, NDRI, Karnal

Training period	16/08/2019 to 15/10/2019 (60 days)
------------------------	------------------------------------

Visiting institute	Southern Illinois University, USA
---------------------------	-----------------------------------

Department	Department of Plant, Soil and Agriculture
-------------------	---

Thematic area	Food Microbiology
----------------------	-------------------

Feedback

This was a great opportunity for me to learn new things related to my field and also got to learn about people and their culture. Great initiative by our college.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Sunny Maanju



UG-I, CCSHAU, Hissar

Training period 12/03/2020 to 11/05/2020 (60 days)

Visiting institute The University of Sydney, Plant Breeding Institute, Cobbitty, Australia

Department Faculty of Science

Thematic area Molecular Genetics

Feedback

Words would not be enough to express my feelings about this fabulous NAHEP-IDP program specially sculptured for undergraduate students. These two months of my life have become immortal in my memories. It was exciting to work with the genes which seemed a fantasy a few months back. These learning included the introduction to the glasshouse and lab equipment, planning experiments, molecular genetics, DNA extraction, quantification of DNA, polymerase chain reaction, gel electrophoresis, analysis of DNA, testing for known gene markers, inoculations for disease screening and genetics of host parasite interactions. Grateful to all for making this happen.

Satisfaction level of trainee Excellent



Bhushan



UG-I, CCSHAU, Hissar

Training period 12/03/2020 to 11/05/2020 (60 days)

Visiting institute The University of Sydney, Plant Breeding Institute, Cobbitty, Australia

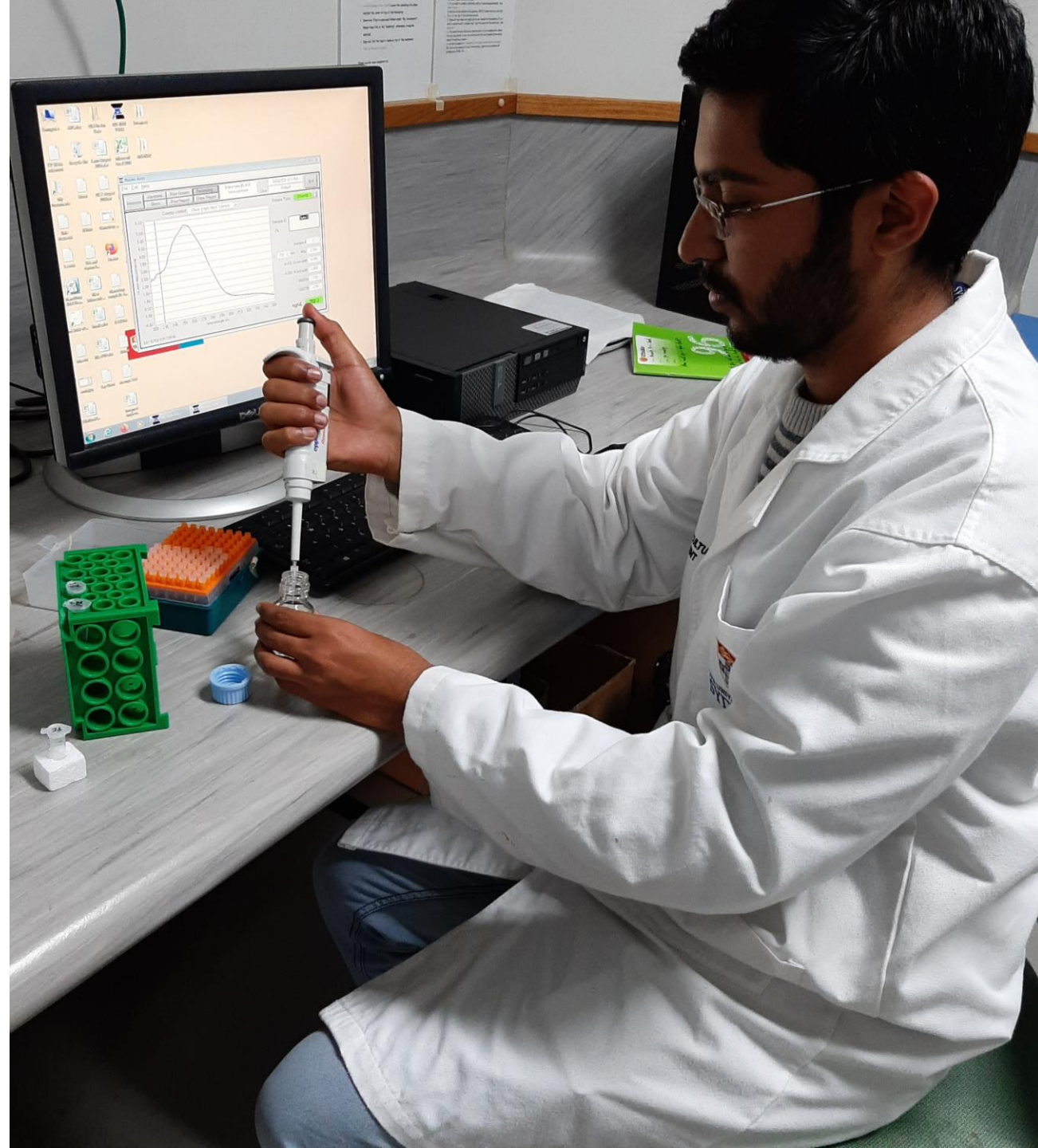
Department Faculty of Science

Thematic area Molecular Genetics

Feedback

It was really a great opportunity to have a first hand experience of state of the art technologies used in Australian agriculture. This training helped me a lot to understand the requirements of the admission process in Australian universities. I would really like to express my gratitude to Indian Council of Agricultural Research (ICAR) , World Bank, National Agricultural Higher Education Project(NAHEP), Government of India, Chaudhary Charan Singh Haryana Agricultural University and The University of Sydney for giving me this golden opportunity. I will definitely try my level best to use the knowledge and experiences gained during this training to make India more stronger.

Satisfaction level of trainee Excellent



Aman Madan



UG-I, CCSHAU, Hissar

Training period	15/03/2020 to 15/05/2020 (60 days)
------------------------	------------------------------------

Visiting institute	Massey University, Palmerston North, New Zealand
---------------------------	--

Department	School of Agriculture
-------------------	-----------------------

Thematic area	Production Systems of New Zealand Agriculture and Horticulture
----------------------	--

Feedback	
-----------------	--

I am highly thankful to my parent institute as well as host institute to provide me with such a great opportunity under NAHEP-IDP project by ICAR and World Bank. The training provided me great exposure to work closely with an esteemed International Institute in the field of Agriculture. My Skills and Knowledge are enhanced due to this international training at Massey University.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Sumay Malik



UG-I, CCSHAU, Hissar

Training period	15/03/2020 to 15/05/2020 (60 days)
Visiting institute	Massey University, Palmerston North, New Zealand
Department	School of Agriculture
Thematic area	Production Systems of New Zealand Agriculture and Horticulture
Feedback	
<p>I am highly thankful to my parent institute, CCSHAU, Hissar as well as my host institute, Massey University, New Zealand to provide me this great opportunity of international training under NAHEP-IDP Project. IDP Project by ICAR and World Bank provided me great exposure to work closely with an esteemed international institute in the field of agriculture. My skills and personality are enhanced due to this international training at Massey University. More students should be provided with this great opportunity for international exposure for their overall development.</p>	
Satisfaction level of trainee	Excellent



Vinit Kumar



UG-I, CCSHAU, Hissar

Training period	15/03/2020 to 15/05/2020 (60 days)
Visiting institute	Massey University, Palmerston North, New Zealand
Department	School of Agriculture
Thematic area	Production Systems of New Zealand Agriculture and Horticulture

Feedback

I came here to get international exposure I got to learn how things can be done in better and different ways, how to increase our efficiency and make use of things to their best. Due to outbreak of pandemic we couldn't visit industries and labs. During the lockdown we had online classes and online assignment. Mr. Craig McGill (our tutor in NZ) was extremely supportive and helped us at every stage. We were provided with the library access of Massey University for our help in completing assignments and to understand the NZ culture. We , the 6 interns remained in touch with our tutors for guidance via ZOOM meetings regularly.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Prateek



UG-I, CCSHAU, Hissar

Training period	15/03/2020 to 15/05/2020 (60 days)
Visiting institute	Massey University, Palmerston North, New Zealand
Department	School of Agriculture
Thematic area	Production Systems of New Zealand Agriculture and Horticulture

Feedback

I want to thank all the concerned authorities for providing me this golden opportunity to improve my skills and knowledge through foreign exposure. The training and the knowledge gained under this project helped me understand about the development of agriculture in New Zealand. I also came to know about there traditional agricultural practices that they have been practicing from generations. I also had exposure to new farming systems in new agro climatic conditions that I would have never came across while studying in India as different countries have different climatic conditions. This programme will definitely lead to the development of the agricultural sector of our country.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------





UG-I, CCSHAU, Hissar

Training period	15/03/2020 to 15/05/2020 (60 days)
Visiting institute	Massey University, Palmerston North, New Zealand
Department	School of Agriculture
Thematic area	Production Systems of New Zealand Agriculture and Horticulture
Feedback	

It was a learning experience to see and learn how mechanization and processing in Agriculture and Dairy sector has increased the income of the farmers. After the outbreak of epidemic we went through the remaining training on Zoom They also assigned us individual assignment on various topic. I would like to thank NAHEP-IDP, ICAR, and Massey University for giving us such opportunity.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Sahil

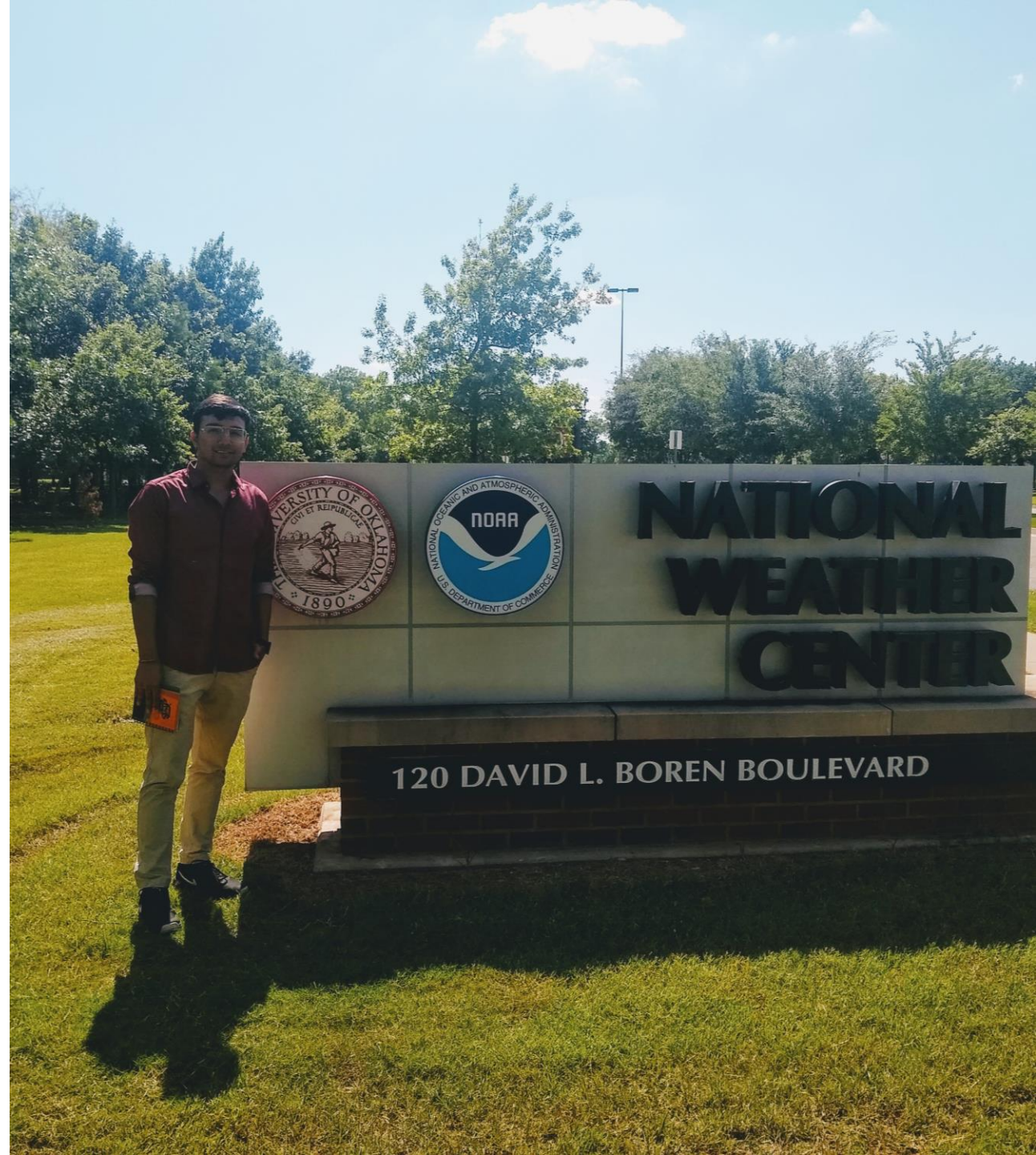


UG-I, CCSHAU, Hissar

Training period	15/03/2020 to 15/05/2020 (60 days)
Visiting institute	Massey University, Palmerston North, New Zealand
Department	School of Agriculture
Thematic area	Production Systems of New Zealand Agriculture and Horticulture
Feedback	

This training has been a golden opportunity to learn so many new things in the field of agriculture. We learned about the agriculture in New Zealand. This program was very helpful for me to gain new practical experience in my life. Thanks to all for providing me this opportunity, this was very satisfying.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------





UG-I, CCSHAU, Hissar

Training period 12/03/2020 to 11/05/2020 (60 days)

Visiting institute The University of Sydney, Plant Breeding Institute, Cobbitty, Australia

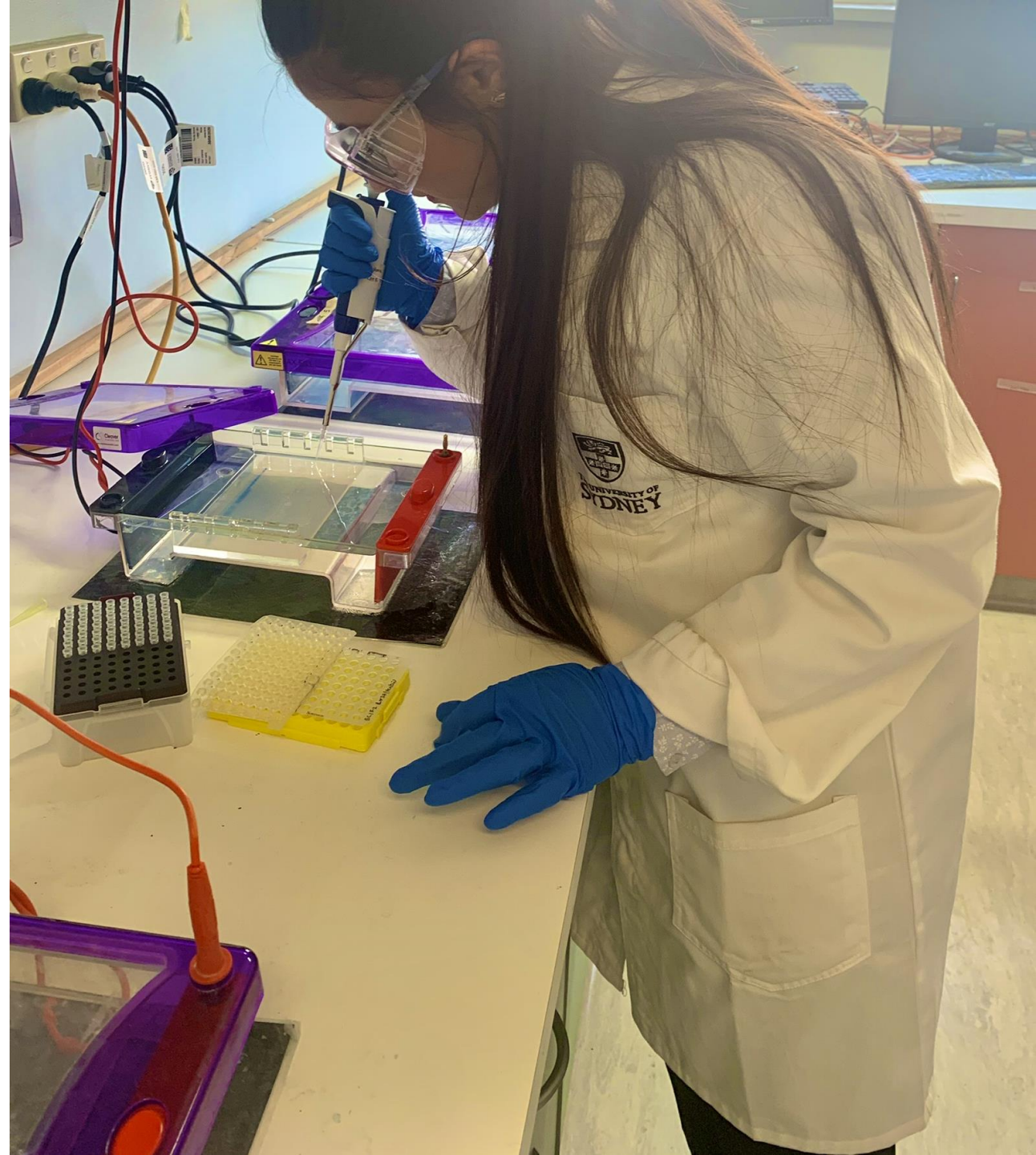
Department Faculty of Science

Thematic area Molecular Genetics

Feedback

This programme offers a great opportunity for the undergraduates like me to gain hands-on experience and to develop better understanding about the agricultural research activities as well as the most up-to-date technologies and techniques. This programme helped me in building the confidence, maturity and independence to challenge myself to be bold and to step out of my comfort zone. These two months was not only enriching but also helped in broadening my horizons to different subjects and areas of agriculture. Besides gaining new insights, this training allowed me to get involved and associate with the Professors, Scientists, Research Scholars here which definitely had opened doors to bigger opportunities for me.

Satisfaction level of trainee Excellent



Anjali Rana



UG-I, CCSHAU, Hissar

Training period 12/03/2020 to 11/05/2020 (60 days)

Visiting institute The University of Sydney, Plant Breeding Institute, Cobbitty, Australia

Department Faculty of Science

Thematic area Molecular Genetics

Feedback

It is a unique program that not only consider academic qualifications of a student but also gives enough weightage to extracurricular activities. Surely, it is a great move to revolutionize higher education and it will raise the standard of agricultural education in India. It enhanced my soft skills and professional skills alongside preparing me for Indian as well as the global agricultural industry. It inspired me for creativity and innovation. At Plant Breeding Institute in Australia. I got to know about their agriculture, marketing system and designing of various research project for uplifting farmer community. Besides it give a golden chance to work with highly proficient scientists.

Satisfaction level of trainee Excellent





UG-I, CCSHAU, Hissar

Training period 12/03/2020 to 11/05/2020 (60 days)

Visiting institute The University of Sydney, Plant Breeding Institute, Cobbitty, Australia

Department Faculty of Science

Thematic area Molecular Genetics

Feedback

My experience at University of Sydney was quite astonishing. These two months of training will remain memorable in my life. I am highly thankful to this program due to which I came to know about the Australian culture. I also met the students from other countries who were research scholars there. They helped me to know how they got admission to the university and how I can pursue my post graduation at University of Sydney. Due to this program I came to know more about the molecular genetics although my subject of interest was Horticulture. It not only helped me to increase my knowledge but it will also aid me in future. All the experience I gained will definitely help me to improve the research work back at home.

Satisfaction level of trainee Excellent



Hemant



UG-I, CCSHAU, Hissar

Training period	12/03/2020 to 11/05/2020 (60 days)
Visiting institute	The University of Sydney, Plant Breeding Institute, Cobbitty, Australia
Department	Faculty of Science
Thematic area	Molecular Genetics
Feedback	

The two months training at the Plant Breeding Institute of The University of Sydney, Australia enhanced my skills in the field of molecular genetics and boosted my confidence many fold. NAHEP-IDP programme helped me to get better understanding of agriculture scenario and practices in Australia and adoption of new technologies that could be helpful for Indian context also. Due to COVID-19, I have acquainted myself with the online platforms like Zoom, Skype to make the efficient use of time, which was not possible without the help of my supervisors at The University of Sydney. They helped me to have a deep knowledge of gene sequencing based cloning technology using DNA molecular markers.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------





UG-I, CCSHAU, Hissar

Training period	25/03/2019 to 25/05/2019 (61 days)
Visiting institute	Czech University of Life Sciences, Prague, Czech Republic
Department	Department of Agroecology & Crop Production
Thematic area	Agriculture; Strengthening Institutional Capacity to Produce Skilled Professionals

Feedback

The training has left a significant positive impact on me. I feel a tremendous sense of accomplishment upon completion and that has encouraged me to develop independent opinions make informed decisions and strive to attain fresh goals. This programme not only helped me to interact with Czech students but also from students of other nationality. During these two months I attended lot of classes from various disciplines. I got opportunity to work in Lab for nearly one month with three PhD students, working. This 2 month experience in campus and one month experience in lab provided me opportunity to collaborate with Academics from Czech republic (EU).

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Mandeep Kumar



UG-I, CCSHAU, Hissar

Training period 25/03/2019 to 25/05/2019 (61 days)

Visiting institute Czech University of Life Sciences, Prague, Czech Republic

Department Department of Agroecology & Crop Production

Thematic area Agriculture; Strengthening Institutional Capacity to Produce Skilled Professionals

Feedback

Through this programme, I came to know about the commercial forestry and challenges it is currently facing. The classes at University were interactive, atmosphere was quite congenial and students and teachers came from diverse background. More advanced labs (Each PhD Scholar was provided a separate lab for carrying out his/her research work). Moreover, the use of Pedometer in cattle helped the people to know about their health conditions. At last I conclude that this International visit helps me to develop global network and positive world view. This programme is indeed beneficial and should be essential component of academic life of every student.

Satisfaction level of trainee Excellent



Sonia



UG-I, CCSHAU, Hissar

Training period	25/03/2019 to 25/05/2019 (61 days)
Visiting institute	Czech University of Life Sciences, Prague, Czech Republic
Department	Department of Agroecology & Crop Production
Thematic area	Agriculture; Strengthening Institutional Capacity to Produce Skilled Professionals
Feedback	

It was a great experience. I learnt so many things not only related to agricultural education but also culture and profession of European countries. I learnt about advance technology they use in the field of agriculture and animal sciences like drones and robotics. I also learnt food habits of that country and how they process the things to avoid wastage. I also learned during the engineering classes and was exposed to glass work in Bohemian factory. It was a great educational cum interpersonal development training experience that is going to help me in my education and future goals.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Chanchal Payal



UG-I, CCSHAU, Hissar

Training period 25/03/2019 to 25/05/2019 (61 days)

Visiting institute Czech University of Life Sciences, Prague, Czech Republic

Department Department of Agroecology & Crop Production

Thematic area Agriculture; Strengthening Institutional Capacity to Produce Skilled Professionals

Feedback

It is a privilege to share the feedback of our trip to Prague and I for sure can say that it can be considered as the best exposure for students from both academic as well as from their personal growth point of view. The international trip made us understand the difference between education system in our country and Prague not only from theoretical point of view but also from practical point of view. This internship to Prague helped me a lot in terms of personality development as I am more confident person now And exposures like this will be really good for UG students as students will be able to decide what they can pursue in their masters and opens up avenue for higher studies globally.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Rajat Sharma



UG-I, CCSHAU, Hissar

Training period 25/03/2019 to 25/05/2019 (61 days)

Visiting institute Czech University of Life Sciences, Prague, Czech Republic

Department Department of Agroecology & Crop Production

Thematic area Agriculture; Strengthening Institutional Capacity to Produce Skilled Professionals

Feedback

This programme gave us a holistic understanding of raising the standard of current agricultural education system that could provide more jobs and would make students more entrepreneurship oriented and relevant for agricultural development of their country. This programme helped me to get better understanding of agriculture in Czech Republic and how some changes and amendments in their technology could help them fit in Indian agriculture system. It was a wonderful experience for me as I gained knowledge not only about agriculture but also about farm machinery, livestock management, beer and wine production, value addition of products etc.

Satisfaction level of trainee Excellent



Kalpana Yadav



UG-I, CCSHAU, Hissar

Training period 25/03/2019 to 25/05/2019 (61 days)

Visiting institute Czech University of Life Sciences, Prague,
Czech Republic

Department Department of Agroecology & Crop
Production

Thematic area Agriculture; Strengthening Institutional
Capacity to Produce Skilled Professionals

Feedback

Through this exposure I got a better understanding of culture and agriculture in Prague, Czech Republic. I also visited many other places in Europe to expand my understanding. I got an opportunity to interact with other international students in Czech University of Life Sciences, Prague and also attended many international seminars. Participation in this seminar helped me to understand how to face future challenges for the need to sustain agriculture production for increasing population. This programme provides a good opportunity for students and prepare them to compete at international level, develop their communication skills and boost up their confidence.

Satisfaction level of trainee Excellent



Jatin Kumar



UG-I, CCSHAU, Hissar

Training period 25/03/2019 to 25/05/2019 (61 days)

Visiting institute Czech University of Life Sciences, Prague, Czech Republic

Department Department of Agroecology & Crop Production

Thematic area Agriculture; Strengthening Institutional Capacity to Produce Skilled Professionals

Feedback

Visiting CULS, Prague helped on some certain fronts like widening the horizon of thinking on agriculture, understanding agriculture at a global level, networking in foreign university & most importantly, it has acted as a gateway to pursue masters from a good foreign university. This visit paved the way to see the scopes of improvement in Indian Agriculture by comparing the much developed practices in CCS HAU & Czech Republic. I am privileged & honoured that I got such a beautiful opportunity, and pay my gratitude to CCS HAU & CULS fraternity, who was with us throughout this journey.

Satisfaction level of trainee Excellent



Deepak Kamboj



UG-I, CCSHAU, Hissar

Training period	25/03/2019 to 25/05/2019 (61 days)
Visiting institute	Czech University of Life Sciences, Prague, Czech Republic
Department	Department of Agroecology & Crop Production
Thematic area	Agriculture; Strengthening Institutional Capacity to Produce Skilled Professionals
Feedback	

It was a very enriching experience and I learned about developed agricultural practices and realised that they are extremely important to be adopted, especially in the context of country like ours. Feeding the growing population with emerging constraints in agriculture sector due to climate change is going to be a big challenge and it is only transforming our agriculture practices through application of modern technology and processes that we can face these challenges. The training has really equipped me with these knowledge and I plan to use them in my research endeavour.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Neha Panwar



UG-I, CCSHAU, Hissar

Training period 25/03/2019 to 25/05/2019 (61 days)

Visiting institute Czech University of Life Sciences, Prague,
Czech Republic

Department Department of Agroecology & Crop
Production

Thematic area Agriculture; Strengthening Institutional
Capacity to Produce Skilled Professionals

Feedback

NAHEP is a great initiative to develop a globally competitive human resource. It helped a lot in strengthening international relationship between various agricultural institutes for higher education. It has given us a great opportunity to learn new things and have a world exposure. This international experience has a positive impact on our personal development and in particular on intercultural understanding and foreign language proficiency. It generates confidence and provides integrated understanding of various disciplines.

Satisfaction level of trainee Excellent





UG-I, CCSHAU, Hissar

Training period	25/03/2019 to 25/05/2019 (61 days)
Visiting institute	Czech University of Life Sciences, Prague, Czech Republic
Department	Department of Agroecology & Crop Production
Thematic area	Agriculture; Strengthening Institutional Capacity to Produce Skilled Professionals
Feedback	
<p>It was a great experience for me. I learnt so many things related to agriculture like the cropping season, cropping pattern. I learnt about the technologies like robots that are being used in fields. I also got to know about their agricultural marketing system. I attended seminar on agricultural issues. I got the chance to know about their historical places and culture during my educational visits. I tried to learn Czech language as well. I also got the chance to visit Indian Embassy. So, overall it was a great exposure for me. I would like to thank NAHEP-IDP, CCSHAU and CULS, Prague for this wonderful opportunity.</p>	
Satisfaction level of trainee	Excellent



Surjita Kumari



UG-I, CCSHAU, Hissar

Training period 25/03/2019 to 25/05/2019 (61 days)

Visiting institute Czech University of Life Sciences, Prague,
Czech Republic

Department Department of Agroecology & Crop
Production

Thematic area Agriculture; Strengthening Institutional
Capacity to Produce Skilled Professionals

Feedback

The faculty was extremely cooperative and helped in every possible manner. They were open to listening to our ideas and way of working at our university. The visits enhanced practical knowledge and taught how one can use technology in kindergarten or old age homes for better outcomes. It was a learning experience to interact with the teachers but the language acted as a barrier while interacting with students as they were mostly Czech speakers. My overall experience of the visit was great. It motivates me to go for higher studies in abroad.

Satisfaction level of trainee Excellent



Sonu Mehra



UG-I, CCSHAU, Hissar

Training period 25/03/2019 to 25/05/2019 (61 days)

Visiting institute Czech University of Life Sciences, Prague, Czech Republic

Department Department of Agroecology & Crop Production

Thematic area Agriculture; Strengthening Institutional Capacity to Produce Skilled Professionals

Feedback

Going for an international training was a proud moment for me and my family. Then getting selected as a single representative from my college was like a golden opportunity and a big responsibility on me. During my training, I was extremely fascinated by the use of robots in various agriculture operations (in the fields of Czech republic). Robots were handling different kind operations ranging from sowing seeds to harvesting. Personally, the training added more skills to my personality. During my training I learnt how to express my views more strongly and how to handle things more patiently.

Satisfaction level of trainee Excellent



Jyoti Bai soni



UG-I, CCSHAU, Hissar

Training period 25/03/2019 to 25/05/2019 (61 days)

Visiting institute Czech University of Life Sciences, Prague, Czech Republic

Department Department of Agroecology & Crop Production

Thematic area Agriculture; Strengthening Institutional Capacity to Produce Skilled Professionals

Feedback

It was an awesome international exposure visiting Czech university of life sciences Prague. It enhanced my understanding of advanced agricultural practices. It has opened gates for me to pursue my research interests globally. I got exposure to new machinery, equipment and robotics which are used in agriculture in Czech Republic. Moreover this exposure has enhanced my self esteem, self confidence and improved my communication skills. Overall it is an excellent programme and it should be continued in future too.

Satisfaction level of trainee Excellent



Mohit Godara



UG-I, CCSHAU, Hissar

Training period 25/03/2019 to 25/05/2019 (61 days)

Visiting institute Czech University of Life Sciences, Prague,
Czech Republic

Department Department of Agroecology & Crop
Production

Thematic area Agriculture; Strengthening Institutional
Capacity to Produce Skilled Professionals

Feedback

During the training I experienced several developed agricultural practices, attended lectures delivered by the faculty of CULS, visited several farms and worked in advanced genetics labs. The visit has opened my eyes to the sea of opportunity available globally for pursuing higher studies. I wish more and more students from CCS HAU may visit to different universities over the world.

Satisfaction level of trainee Excellent





UG-I, CCSHAU, Hissar

Training period 25/03/2019 to 25/05/2019 (61 days)

Visiting institute Czech University of Life Sciences, Prague,
Czech Republic

Department Department of Agroecology & Crop
Production

Thematic area Agriculture; Strengthening Institutional
Capacity to Produce Skilled Professionals

Feedback

It was a great privilege to be among one of the 20 students selected for two months study and training programme. It was fascinating to briefly get to know about the agricultural, educational, social, and economic system, technologies used in certain fields and how the system works in that country during the two months study and training programme. Getting the opportunity to experience cultures of different people was a wonderful experience. The opportunity that I've got through IDP-CCSHAU has done wonders to my confidence. It also gave me the opportunity to explore opportunities available for higher studies. This programme will certainly help us in our future careers.

**Satisfaction level of
trainee** Excellent



Simran Jeet



UG-I, CCSHAU, Hissar

Training period	25/03/2019 to 25/05/2019 (61 days)
Visiting institute	Czech University of Life Sciences, Prague, Czech Republic
Department	Department of Agroecology & Crop Production
Thematic area	Agriculture; Strengthening Institutional Capacity to Produce Skilled Professionals

Feedback

The overall experience during my Visit on IDP was very enriching both culturally and academically. Europe is technologically advanced and their way towards life is also very different from ours but there were few things that I noticed could be replicated in Indian colleges like high level of interaction between professors and students which open up the possibilities for students to learn from their experienced professors not only lessons on their field of study, but also the ways of life. IDP is helpful to give me a chance for assessing myself at world level and make newer connections which could pave the way for my future prospects.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Monika



UG-I, CCSHAU, Hissar

Training period 25/03/2019 to 25/05/2019 (61 days)

Visiting institute Czech University of Life Sciences, Prague, Czech Republic

Department Department of Agroecology & Crop Production

Thematic area Agriculture; Strengthening Institutional Capacity to Produce Skilled Professionals

Feedback

The training was my first exposure to foreign country. It gave a lot of learning and experiences. Before going to Prague, as everybody knows so many paper works have to be done so it provided knowledge of how things happen. When we reached Prague we found a totally different culture and lifestyle there. We enjoyed every bit of it. The training was helpful in learning how to adjust in a new environment and with new people or friends. This international visit not only helped us in understanding academics in foreign culture but also developed skills which is so helpful in personality development.

Satisfaction level of trainee Excellent



Sumit Bhardwaj



UG-I, CCSHAU, Hissar

Training period 25/03/2019 to 25/05/2019 (61 days)

Visiting institute Czech University of Life Sciences, Prague, Czech Republic

Department Department of Agroecology & Crop Production

Thematic area Agriculture; Strengthening Institutional Capacity to Produce Skilled Professionals

Feedback

The programme has helped us to prepare academically for facing the future challenges and strategies required in agriculture sector to combat them. This programme helped me to get better exposure of the European Culture as well as Czech University of Life Sciences, Prague. I gained a lot of experience from this NAHEP-IDP programme. Now I can say that there is a strong need of technology transfers between the countries as I had seen the use of Robots and Drones in their agriculture.

Satisfaction level of trainee Excellent





UG-I, CCSHAU, Hissar

Training period 25/03/2019 to 25/05/2019 (61 days)

Visiting institute Czech University of Life Sciences, Prague, Czech Republic

Department Department of Agroecology & Crop Production

Thematic area Agriculture; Strengthening Institutional Capacity to Produce Skilled Professionals

Feedback

NAHEP-IDP is a great initiative in which we learned a lot. Since learning is not confined to childhood or the classrooms but takes place throughout the life and in a range of situations. With this new and exciting chance to mix with a wide range of nationalities, our level of confidence and the responsibilities increased. We learned about the advantages of agriculture mechanisation for performing different kinds of field practices. I feel greatly obliged to be a part of this program and hope it to be a great inspiration for the next year students. These experiences are enormously beneficial and shape our outlook for the rest of our life.

Satisfaction level of trainee Excellent





I got international exposure to teachers for working in international laboratories, observe the academia, group discussions with faculty members in the new buzz areas of research, interact with student community, cultural exchange and to create a link for future research.

*Mamoni Das, Faculty (AAU, Jorhat)
Iowa State University, USA*



Dr. Vivek Sharma

Faculty, NDRI, Karnal

Training period	25/03/2019 to 23/05/2019 (59 days)
------------------------	------------------------------------

Visiting institute	Aarhus University (Foullum Campus)- Blichers Alle, Denmark
---------------------------	---

Department	Food Chemistry & Technology Department
-------------------	--

Thematic area	Fatty Acid Analysis of Grass
----------------------	------------------------------

Feedback

This visit gave me the opportunity to learn the basics and technicalities of Chemometrics under the Ph. D course, on Introduction to multivariate data analysis wherein the chemometric analysis the spectroscopy and chromatographic data was analysed. Attended the defence seminars of Ph. D scholar of the Institute and observed the way these activities are carried out and how different from ours. I visited the laboratories and learnt the safety aspects being practiced in the laboratories related to the disposal of used chemicals, handling of solvents etc

Overall Rating	Excellent
-----------------------	-----------





Dr. Rajesh Kumar

Faculty, NDRI, Karnal

Training period 09/04/2019 to 23/04/2019 (14 days)

Visiting institute Quadram Institute Bioscience, Norwich, University of Leeds, Institute of Food Nutrition and Health, University of Reading

Department Aquaculture Research

Thematic area Delivery System for Nutraceuticals & Probiotics, Dairy Ingredients Functionality and milk nutraceuticals

Feedback

The opportunity to interact with research leaders in the area of food science and nutrition has strengthened my understanding of the recent developments in the area of functional food research, especially related to dairy ingredients in milk processing and their encapsulation and release. Majorly doing basic research work in the area of colloidal science of functional food ingredients and encapsulation of bioactive, provided me a good exposure to the recent advances in the area of functional dairy foods. The new leads that I obtained will certainly strengthen the ongoing institute research projects, teaching programme and will help in framing the future collaborative research programme.

Overall Rating

Excellent





Dr. Bimlesh Mann

Faculty, NDRI, Karnal



Training period 22/04/2019 to 03/05/ 2019 (11 days)

Visiting institute Rutgers University, USA

Department Food Science Department

Thematic area Food and Dairy Sciences

Feedback

Development of health promoting foods becomes the priority of the food industry with the changes in the understanding of the role of foods in human health promotion. For the development of functional foods various plant bioactive particularly polyphenol are being used. This visit gave me the opportunity to discuss with the research leaders in this area particularly health benefit of polyphenol, technologies to incorporation of these components, changes in the product quality in their presence and interaction with gut microbiota and intestinal epithelium. All these discussions have helped me in gaining an insight to global trends and needs of dairy/Food sector. Overall the visit was very informative and may help in developing the linkages with this world class University.

Overall Rating

Excellent



Dr. Ganga Sahay Meena



Faculty, NDRI, Karnal

Training period 04/06/2019 to 01/11/2019

Visiting institute University College Cork (UCC), Cork, Ireland

Department School of Food And Nutritional Sciences

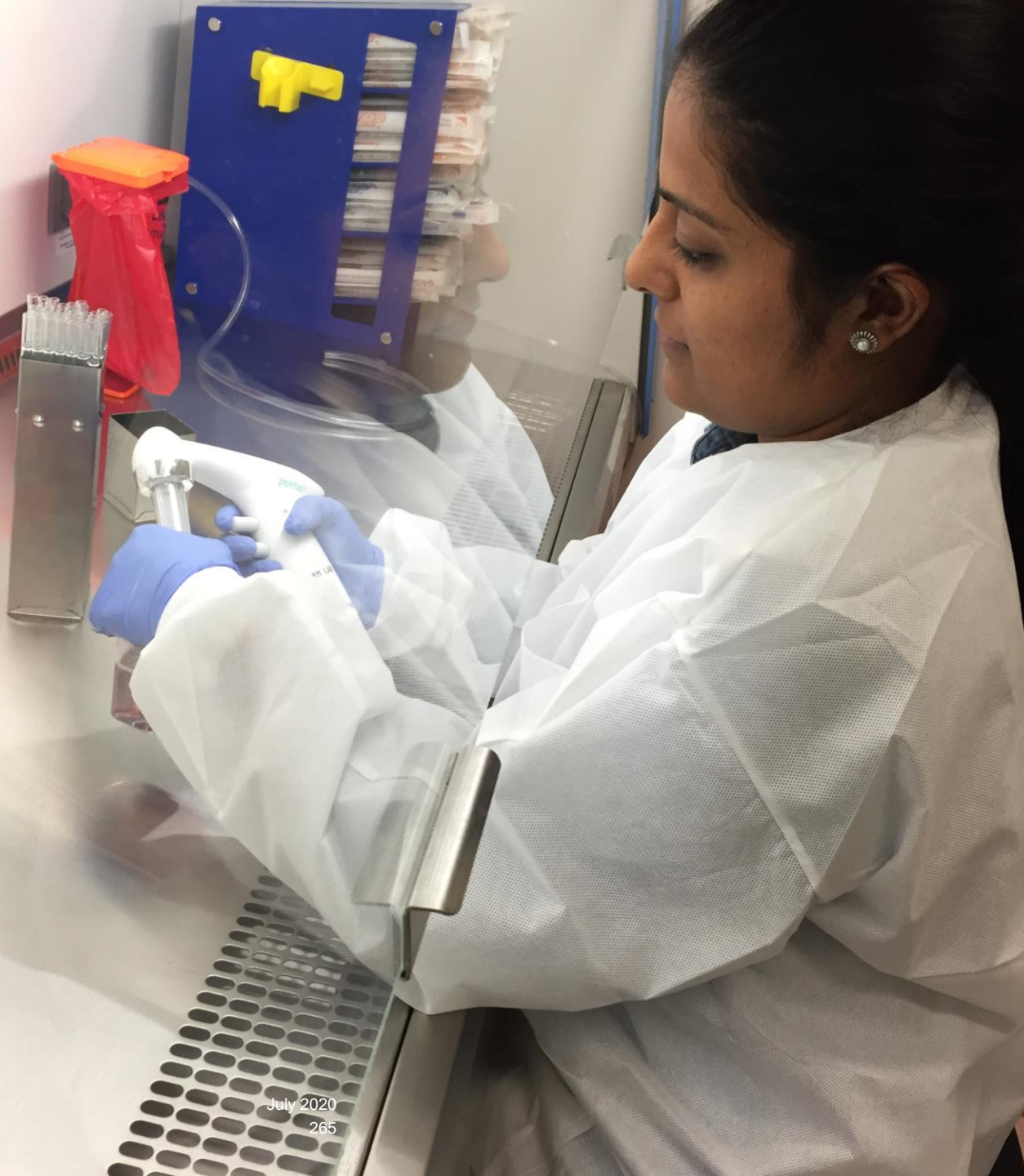
Thematic area Dairy Technology

Feedback

I have undergone this training under the supervision of Dr Alan L Kelly, Professor, School of Food Science and Nutrition, University College Cork (UCC), Cork, Ireland. During this period I have worked on (1) Application of Protein Glutaminase for production of high protein set yogurt and (2) Modifying milk properties using Protein Glutaminase. As a part of this training I have worked with several equipment like rheometer, texture analyser, Viscometer, CSLM and UPLC. Apart this I have also studied the effect of Protein Glutaminase on various properties such as renneting, change in pH, change in color, acidification of raw and pasteurized skim milk. I have also authored a book chapter with Professor Alan Kelly on Non-Thermal Treatment of Milk: Principles and Purpose. I discussed the possibilities of MOU between ICAR-NDRI, Karnal, India and UCC, Cork, Ireland with Professor Alan L Kelly.

Overall Rating

Excellent



July 2020
265

Dr. Priyanka Singh Rao



Faculty, NDRI, Karnal

Training period	02/04/2019 to 30/08/2019 (150 days)
------------------------	-------------------------------------

Visiting institute	University of Nebraska, SA
---------------------------	----------------------------

Department	Food Science & Technology
-------------------	---------------------------

Thematic area	Bioactive Peptides; Antioxidant and Anti-Inflammatory Efficacy of Dietary Bioactive Peptides from Egg White Proteins
----------------------	--

Feedback

I attended online laboratory safety training to understand the functions of lab and proper use and disposal of various chemicals. I interacted with a group of researchers working in the various areas of Food Science and understood about the upcoming research in the area of food science. According to timeline, we planned a project on antioxidant and anti-inflammatory activity of egg white protein after simulated digestion. I have learned the latest instruments available in the Department and their way of linking within different departments and laboratories. I learnt cell cultures work to assess the anti-inflammatory property of prepared samples.

Overall Rating	Excellent
-----------------------	-----------



Dr. Goutam Mondal

Faculty, NDRI, Karnal

Training period	24/05/2019 to 24/07/2019 (61 days)
------------------------	------------------------------------

Visiting institute	Michigan State University, East Lansing, Michigan, USA
---------------------------	--

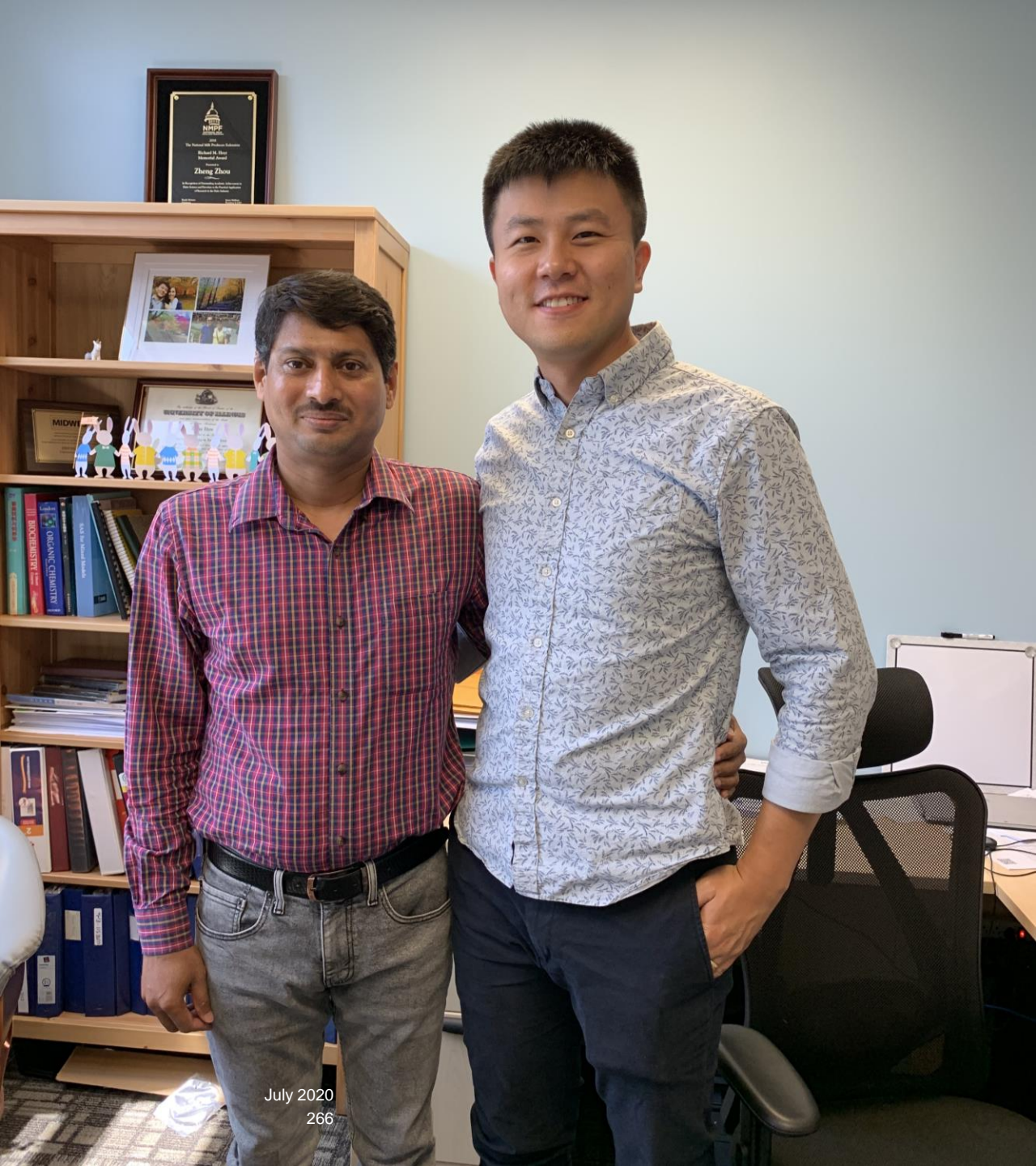
Department	Department of Animal Science
-------------------	------------------------------

Thematic area	Animal Nutrition
----------------------	------------------

Feedback

Objective of the visit to Dept. of animal Sci, MSU, Michigan was to get an exposure to a lab of international repute. I met many eminent scientists in the division including Dr Pamela Reugg (HOD) and visited the lab of Dr Zheng Zhou (my Mentor at MSU) and work facility, infrastructure and possible collaboration in future. I witnessed following work: collection of hepatic cells from dairy cows supplemented with graded level of synthetic amino acids, culturing them in suitable media, isolation of mitochondrial DNA and copy number variation of cytochrome oxidase c and b in qPCR. It was observed that there was difference in copy number variation and concluded that efficiency of supplemental amino acid utilization was different in dairy cows

Overall Rating	Excellent
-----------------------	-----------





Dr. Shilpa Vij

Faculty, NDRI, Karnal

Training period	03/04/2019 to 17/04/2019 (14 days)
Visiting institute	Massey University, Palmerston North, New Zealand
Department	School of Food & Advanced Technology
Thematic area	Food Safety and Microbiology
Feedback	

The aim of this short term the training was to have interaction with faculty and students of the overseas Universities to upgrade the undergraduate academic program as well as to develop collaborative projects with the foreign universities and their faculty. Further discussed to have collaborative research projects with Riddet Institute at Messy University. I also visited the Food Safety and Microbiology labs, Riddet Institute, human nutrition lab and small animal house, School of Food and Advanced Technology. Discussed with them for the collaborative research particularly large animal study. I also visited Fonterra Research Centre a leading research and development centre in New Zealand and met Mr Andrew Patrick In-charge culture centre. Interacted with scientists, visited different labs of the centre.

Overall Rating	Excellent
-----------------------	-----------





Dr. Palash Deb Nath

Faculty, AAU, Jorhat

Training period 18/11/2019 to 17/12/2019 (29 days)

Visiting institute Washington State University, Pullman, USA

Department Department of Plant Pathology

Thematic area Bioinformatics, Host virus Interaction

Feedback

The knowledge acquired in the host institute (WSU, United States of America) will help me to initiate NGS related research work in the parent institute (AAU, India). This will facilitate disease diagnostic work in the institute and in the state of Assam and also help in formulating new research projects on plant virus research in particular. This training will help to transfer of knowledge to the future generations of researcher viz., undergraduates, postgraduates and research scholars of the Assam Agricultural University. Above all this programme will help me to initiate collaborative research work with the host institute and provide opportunities to interact with the international community of plant virus researches.

Overall Rating

Excellent



July 2020
269

Dr. Ananta Madhab Baruah



Faculty, AAU, Jorhat

Training period 16/09/2019 to 16/10/2019 (11 days)

Visiting institute Carleton University, Ottawa, Canada

Department Carleton Functional Proteomics Facility,
Institute of Biochemistry and Department
of Biology

Thematic area Proteomics- Cloning, Expression and
Purification of Protein

Feedback

Through this training I have got the opportunity to learn a competitive laboratory training programme. Efforts have been made to keenly study the teaching-learning process and environment of the university through close interactions with a considerable faculties and students, visiting some laboratories, & library. Workable protocols of molecular biology, cloning, expression; protein purification and characterization etc were collected for future research needs. Sharing of researchable issues with notable faculties & scientists of Carleton University and University of Ottawa and obtaining enthusiastic words for future corporation and helps are one of the milestone of this visit.

Overall Rating

Excellent



Dr. Bhagawan Bharali



Faculty, AAU, Jorhat

Training period 27/10/2019 to 10/11/2019 (14 days)

Visiting institute Michigan State University, USA

Department System Biology & Agricultural Engineering

Thematic area Biofuel production: Physiological Analysis for High-Level High-Density Biodiesel Oil in Energy Crops

Feedback

Got I acquaintance of facilities for researches on anaerobic digestion & algal cultivation system, Continuously Stirred Tank Reactor (CSTR) anaerobic bioreactors including race-way algal cultivation units for Bio-fuel production, commercial anaerobic digestion systems and storage tank etc. at the Anaerobic Digestion Research and Education Center, at CANR MSU. A visit was made to the MSU genomic core research technology support facilities (RTSF), where it maintains an ever changing portfolio of state of the art instrumentation (e.g. Next generation sequencing, DNA analyser, MiSeq, Nano string, PCR, Grid Inx X5 for Nanopore sequencing etc), and offers an array of services.

Overall Rating

Excellent



Dr. Nandita Bhattacharyya

Faculty, AAU, Jorhat

Training period 03/02/2020 to 03/03/2020 (29 days)

Visiting institute University of California, USA

Department Department of Biological and Agricultural Engineering

Thematic area Agricultural Ergonomics

Feedback

I visited Agricultural Ergonomics Research Centre and Occupational Biomechanics laboratory of the Department of Biological and Agricultural Engineering, University of California, Davis, USA. I was introduced to several ongoing projects by the research groups of UC, Davis, including: a) biomechanical and ergonomics research on agricultural ladders, b) strawberry harvesting aids, including personal robotic harvest aids, and c) Assessment of All-Terrain Vehicle (ATV) safety and health issues among adult and youth riders. I was introduced to all the interventions developed in University of California, Davis group to combat musculoskeletal disorders among farm workers in California, which range from simple tools to large mechanized systems.

Overall Rating

Excellent



Dr. Mamoni Das

Faculty, AAU, Jorhat

Training period 01/02/2020 to 29/02/2020 (11 days)

Visiting institute Iowa State University, USA

Department Department of Food Science & Human Nutrition

Thematic area Food Processing

Feedback

I got international exposure to teachers for working in international laboratories, observe the academia, group discussions with faculty members in the new buzz areas of research, interact with student community, cultural exchange and to create a link for future research.

A longer duration training will help us in learning as well as getting trained in knowing the technicality of running advance instruments like GCMS, Cell line studies, isotope labelling studies, etc.

Overall Rating

Excellent





July 2020
273



Dr. Robin Chandra Boro

Faculty, AAU, Jorhat

Training period	06/12/2019 to 29/02/2020 (85 days)
------------------------	------------------------------------

Visiting institute	University of California, Davis, USA
---------------------------	--------------------------------------

Department	Department of Plant Pathology
-------------------	-------------------------------

Thematic area	Biotechnology
----------------------	---------------

Feedback

I took the UCD laboratory safety fundamentals test and second test was UCD laboratory safety fundamentals refreshers before starting my research work. I worked on two aspects, 1. Screening the available chickpea genotype for aluminium tolerance, 2. Adaptive defence strategies of Chickpea plants against Pod Borer stress-metabolomic study. Used the LC MS facilities of West Coast Metabolomics Center, UC Davis Genome Center, which is one of the best in the world.

Overall Rating	Excellent
-----------------------	-----------



July 2020
274

Dr. Dwijen Kalita



Faculty, AAU, Jorhat

Training period	03/02/2020 to 01/03/2020 (11 days)
Visiting institute	College of Veterinary Medicine, Cornell University Hospital for Animals, USA
Department	Imaging and Small Animal Surgery Centres
Thematic area	Advanced Diagnostic Imaging Techniques for Small Animals

Feedback

I joined the team engaged for imaging of clinical cases and I could learn the practical aspects of advanced diagnostic imaging techniques. This training has greatly enhanced my confidence to use Ultrasonography to detect changes even in the small organs like adrenal glands, abdominal lymph nodes and pancreas. I learnt Arthroscopic examination and surgery in dogs, Radiographic diagnosis and measurements for surgery of cruciate ligament rupture, Tibial-Plateau-Leveling Osteotomy (TPLO) assisted with specific measurements in radiographs, Cystoscopy, vaginoscopy and vaginoscopy assisted LASER surgery in dogs etc.

Overall Rating	Excellent
-----------------------	-----------



July 2020
275

Dr Dhruba Jyoti Kalita



Faculty, AAU, Jorhat

Training period

03/02/2020 to 29/03/2020 (55 days)

Visiting institute

College of Veterinary Medicine, The Ohio State University Columbus, USA

Department

Department of Clinical Sciences

Thematic area

Autogenous, Allogenic and Xenogeneic bone-marrow derived mesenchymal stem cell (BMDCs)

Feedback

College of Veterinary Medicine, The Ohio State University (OSU), Columbus, USA has a group of talented faculties including my mentor Dr Sushmitha Durgam who are renowned for their dedication in the field of stem cell research. I tried to fully explore the productive research environment of this institute and I feel myself extremely lucky to work and use the laboratory facility of my supervisor and OSU for my research during the training period.

Overall Rating

Excellent



Dr Masuk Raquib



Faculty, AAU, Jorhat

Training period	12/11/2019 to 10/02/2020 (90 days)
Visiting institute	Oklahoma State University, Stillwater, Oklahoma, USA
Department	Robert M. Kerr Food and Agricultural Products Centre
Thematic area	Food Safety

Feedback

Within the span of three months I had the opportunity to attend two workshops on "Food Défense and Food Fraud" and "Global Standard for Food Safety Issue: Site Training" at Oklahoma State University . This has enriched my knowledge about the stringent measures that are to be adopted by the food producers both in and out of the production site at United States of America. I attended a seminar on "Emerging, Less Recognized Oppurtunistic Pathogens: Emergence and Food Safety Implications" delivered by Dr. Purnendu C Vasavada, Professor Emeritus, University of Wisconsin River Falls, USA. My involvement in the meat processing facility helped me to learn different formulation for development of value added meat products.

Overall Rating

Excellent



July 2020
276





July 2020
277

Dr Dipanjan Kashyap



Faculty, AAU, Jorhat

Training period 30/10/2019 to 08/02/2020 (100 days)

Visiting institute Rutgers University, New Jersey, USA

Department Department of Agricultural, Food and Resource Economics

Thematic area Sustainable Resource Management

Feedback

My Faculty Up-gradation Programme at Rutgers University was extremely fruitful. I mainly focused on learning new statistical tools from the Professors of the University. Based on the research work, we prepared a research paper on 'Growth, sustainability and success of member-owned businesses: A case study of the largest Dairy Cooperative in North East India' and it was presented in the International Conference on Agriculture, Biological and Environmental Sciences at Athens, Greece during 15-17 January, 2020 and was adjudged as the 'Best Oral'. Before my departure from USA, I gave a final presentation at the Department on the topic 'Member participation and satisfaction in Agricultural Cooperatives: A pilot study of the largest dairy cooperative in Northeast India' and it was applauded by the Faculty Members.

Overall Rating

Excellent

Dr. Bijoylaxmi Bhuyan



Faculty, AAU, Jorhat



Training period	21/07/2019 to 10/08/2019 (11 days)
Visiting institute	Asian Institute of Technology, Thailand
Department	Department of Food Agriculture and Bioresources
Thematic area	Innovations in Food Production Systems
Feedback	

The program was comprised of classes on new and innovative technologies related to food production systems, interactive sessions, presentations by students, many exposure visits to different farms and big food industries, interaction with food processing Industrialists and Bangkok city tour. The exposure helped students to understand about different technologies that exists in food sector that helps to produce variety of products from rice by value addition. Thailand has a very advance processed food sector and students learnt many different food both vegetarian and non vegetarian that are processed in different ways by value addition and easily available in market. A few Agricultural, Horticultural, Fishery hatchery and Veterinary farms were also shown where students learnt how one can generate income to be self dependent.

Overall Rating	Excellent
-----------------------	-----------

Response Catalogue of International Trainings under NAHEP

Dr. Shaik Abdul Hussain



Faculty, NDRI, Karnal



Training period	04/06/2019 to 01/11/2019 (150 days)
------------------------	-------------------------------------

Visiting institute	TEAGASC Food Research Center, Moorpark, Fermoy, Cork, Ireland
---------------------------	--

Department	Department of Food Chemistry and Technology
-------------------	--

Thematic area	Advanced Rheological Testing of Heat and Acid Coagulated Cheeses
----------------------	---

Feedback

I had a wonderful opportunity to work with one of the worlds best food research centers i.e. Teagasc Food Research Center, Moorpark, Ireland under IDP-NAHEP Project. I have learned about how the process variables affect the rheology, texture and microstructure of heat and acid coagulated cheese. During this period, I had hands-on- experience on sophisticated food testing equipment. I could also learn about working environment and research aptitude in the reputed international laboratory.

Overall Rating	Excellent
-----------------------	-----------



July 2020
280

Dr. Kamal Gandhi



Faculty, NDRI, Karnal

Training period	06/04/2020 to 02/09/2020 (150 days)
------------------------	-------------------------------------

Visiting institute	Massey University, Palmerston North, New Zealand
---------------------------	--

Department	School of Food & Advanced Technology
-------------------	--------------------------------------

Thematic area	Human Gastric Simulator
----------------------	-------------------------

Feedback

The training was useful in developing skills and gaining of knowledge. I worked on Human Gastric simulator to understand the behaviour of paneer under simulated gastro-intestinal conditions. Skill and technical-knowhow developed will be replicated here. Methodology and tools of teaching followed will be replicated. Working in a laboratory and institute of eminence has given exposure to new techniques, procedures, people and equipment, in turn helped gain knowledge, perspective and add to problem-solving and critical-thinking skills.

Overall Rating	Excellent
-----------------------	-----------



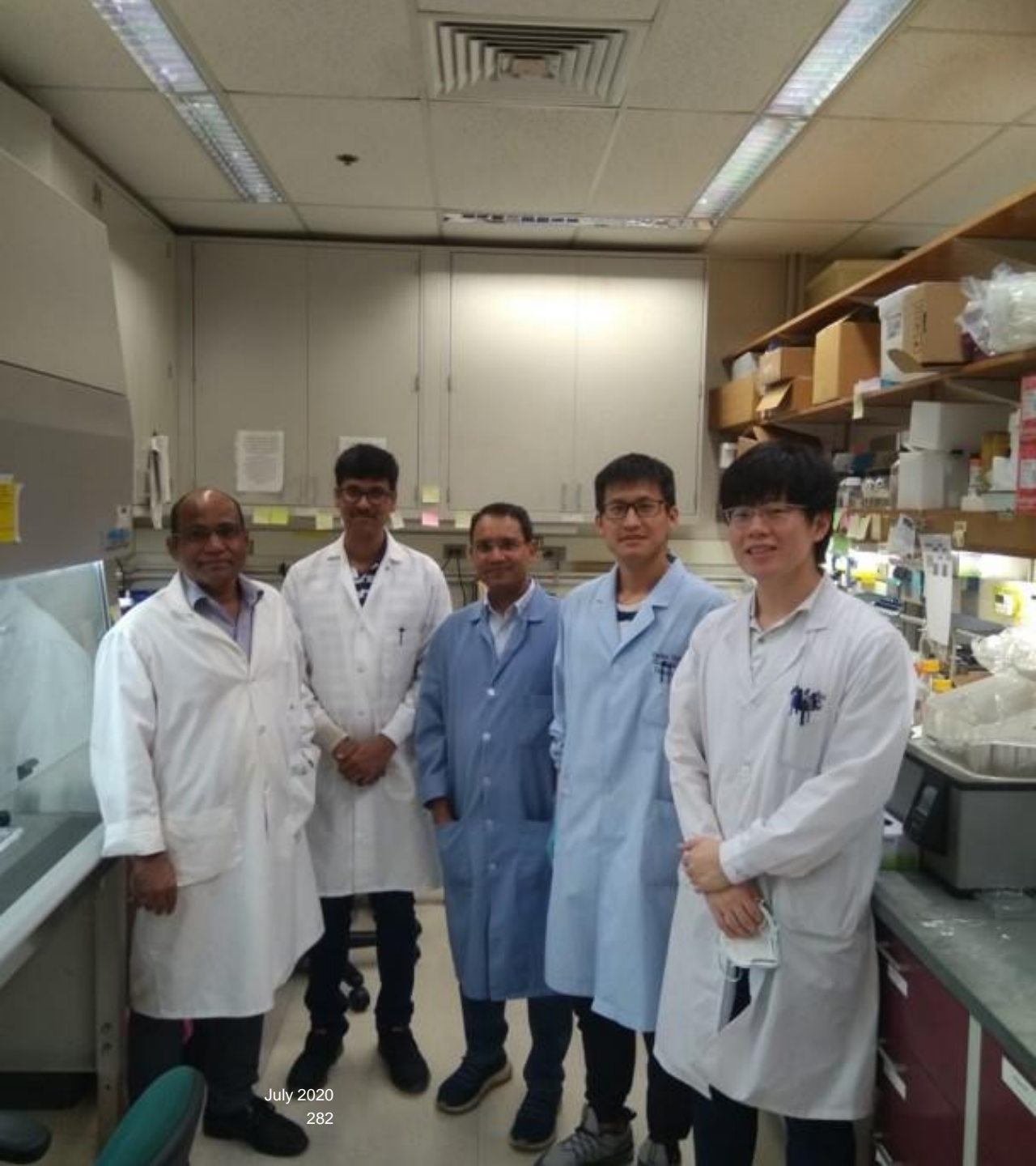
Dr. Narender Raju Panjagari

Faculty, NDRI, Karnal

Training period	25/04/2019 to 24/06/2019 (60 days)
Visiting institute	Michigan State University, USA
Department	School of Packaging
Thematic area	Biodegradable and Active Food Packaging
Feedback	

I got hands-on-training in the area of Active and Biodegradable Packaging under the mentorship of Dr. Eva Almenar, Associate Professor, School of Packaging, Michigan State University, MI, USA. Her research group gave me an opportunity to strengthen my knowledge in the area of polymer processing and food packaging. I could understand and conduct experiments on mixing of poly (lactic acid) using active ingredients such as spent coffee ground, converting them into sheets and characterizing them in terms of their mechanical and antioxidant properties. I could interact with the international students in the School of Packaging while working in various laboratories and learnt about their cultural practices

Overall Rating	Excellent
-----------------------	-----------



July 2020
282

Dr. Raghu Vishweswaraiah



Faculty, NDRI, Karnal

Training period	26/04/2019 to 27/09/2020 (154 days)
------------------------	-------------------------------------

Visiting institute	Purdue university, Indiana, USA
---------------------------	---------------------------------

Department	Department of Food Science
-------------------	----------------------------

Thematic area	Molecular Method Development
----------------------	------------------------------

Feedback	
-----------------	--

I joined Molecular food Microbiology Laboratory, Food Science department, Purdue University where I was assigned a project work on Molecular Method Development to improve food safety and public health to develop plasmonic ELISA for detection of *Listeria monocytogenes*. I worked on preparation and purification of *Listeria* adhesion protein from LAP gene cloned *E.coli*, development of pELISA, evaluation and validation of pELISA using natural samples and comparison with conventional technique. During this period, 4 different anti-listeria antibodies like $\hat{I}\pm$ -Inl A, $\hat{I}\pm$ -Inl B, P-66, $\hat{I}\pm$ -LM1-2 were screened for specific binding with *L. monocytogenes* as primary antibody. During this period, a small industrial projects entitled. Degradation of mycotoxins in conjunction with various treatment ingredients in the physiological conditions of a pig as also under taken to evaluate the different bacteria and xylanase enzyme in the degradation of zearalenone in feed samples.

Overall Rating	Excellent
-----------------------	-----------

Dr. Heena Sharma



Faculty, NDRI, Karnal



Training period

02/04/2019 to 30/08/2019 (150 days)

Visiting institute

Oklahoma State University, USA

Department

Department of Animal & Food Sciences

Thematic area

Dairy Science (Fermented Milk Products)

Feedback

The training was highly beneficial in learning novel techniques and approaches used in field of Dairy Science. It gave me exposure to different work culture and provided opportunity to interact with faculty overseas

Overall Rating

Excellent



Dr. Sachin Kumar



Faculty, NDRI, Karnal

Training period	22/05/2019 to 18/10/2019 (150 days)
------------------------	-------------------------------------

Visiting institute	CSIRO, Queensland Biosciences Precinct, St. Lucia, Brisbane, Australia
---------------------------	--

Department	Department of Agriculture and Food
-------------------	------------------------------------

Thematic area	Rumen Microbial Ecosystem
----------------------	---------------------------

Feedback

I got the opportunity to visit CSIRO Agriculture and Food, QBP, St. Lucia, Brisbane, Australia. I worked with Dr Chris McSweeney, Chief Research Scientist, for a period of five months. During this period, I had training in different molecular biology and microbial analytical techniques to study aspects of the rumen microbial ecosystem. I explored the latest methods in extraction of genomic DNA and RNA from gut samples for phylogenetic analysis of microbial population, anaerobic culturing and isolation techniques of rumen microbes and HPLC and GC analysis of their physiology. I got hands-on training on highly sophisticated equipment; Gas Chromatography, Anaerobic chamber, PCR. I also had the opportunity to interact with faculties who are expert in rumen metagenomics and working with Chris in the same laboratory. The visit helped me to get the exposure and hands on training on advanced rumen microbial and analytical techniques.

Overall Rating	Excellent
-----------------------	-----------



July 2020
285

Dr. Mukesh Bhakat



Faculty, NDRI, Karnal

Training period	29/04/2019 to 28/06/2019 (60 days)
------------------------	------------------------------------

Visiting institute	University Drive, Callaghan, Australia
---------------------------	--

Department	School of Environmental and Life Sciences
-------------------	---

Thematic area	Oxidative Stress Measurement by Colorimetric Assay
----------------------	--

Feedback

The NAHEP gave me an opportunity to observe the work culture of the lab of the leading institute of the developed country. I have learned Flow Cytometry based sperm function assay for oxidative stress measurement, Fluorescent based DNA damage test, CASA, and colorimetric assay. Independent experiment was taken up to measure oxidative stress by simple colorimetric assay and DNA damage in high and low-quality sperm

Overall Rating	Excellent
-----------------------	-----------



July 2

Dr. Pradip Behare



Faculty, NDRI, Karnal

Training period

04/06/2019 to 01/11/2019 (150 days)

Visiting institute

Teagasc Food Research Centre, Moorepark
Co. Cork, Ireland

Department

Department of Food Sciences

Thematic area

Dairy Microbiology

Feedback

IDP-NAHEP sponsored research training was exceptionally good. I have got opportunities to work with eminent scientists in the Dairy Microbiology field especially researching on starter cultures and their phases. I have learnt working on basic to advanced research techniques during the small research work formulated as a part of training. I have also closely seen working environment at international laboratories. The research training helped me to strengthen my knowledge in the subject. As a whole the international training was highly useful for me.

Overall Rating

Excellent

Dr. Dalvinder Pal Singh



Faculty, CCSHAU, Hissar



Training period	21/03/2020 to 02/07/2020 (90 days)
------------------------	------------------------------------

Visiting institute	Agriculture Victoria Research, Victoria, Australia
---------------------------	--

Department	Department of Jobs Precincts and Regions
-------------------	--

Thematic area	International Pedagogy , Plant Pathology, Learning and Enhancing Teaching as well as Research Skills
----------------------	--

Feedback

It was an enriching experience for getting exposed to wide range of teaching and training modules at Agriculture Victoria Research (AVR), Department of Jobs, Precincts and Regions (DJPR), at the Grains Innovation Park (GIP), Horsham, Victoria, Australia. I plan to jointly formulate a research proposal with scientists in the field of plant pathology research.

Overall Rating	Excellent
-----------------------	-----------



July 2020
288

Dr. Jayanti



Faculty, CCSHAU, Hissar

Training period

11/04/2019 to 10/07/2019 (90 days)

Visiting institute

Aberystwyth University, UK

Department

Department of Education

Thematic area

International Pedagogy

Feedback

I have been benefitted with the visit to Aberystwyth University. I helped to raise teaching and research quality and its linkage. The existing e-learning system at Aberystwyth University, United Kingdom has come to this stage after 20 years of adoption of Blackboard. So, we need to address some issues to smoothly implement the ERP as a part of upgrading the academic standards in teaching and learning.

Overall Rating

Excellent



July 2020
289

Dr. Dev Vart



Faculty, CCSHAU, Hissar

Training period	11/04/2019 to 10/07/2019 (90 days)
------------------------	------------------------------------

Visiting institute	Aberystwyth University, UK
---------------------------	----------------------------

Department	Department of Education
-------------------	-------------------------

Thematic area	International Pedagogy
----------------------	------------------------

Feedback

The ERP module currently being implemented in the university is coming up very well but needs a constant upgradation and modification as per users'™ needs and requirements. The existing e-learning system at AU has come to this stage after 20 years of adoption of Blackboard. In CCS HAU's™ context, we need to address the following issues to smoothly implement the ERP as a part of upgrading the academic standards in teaching and learning.

Overall Rating	Excellent
-----------------------	-----------



Dr. Mukesh Kumar



Faculty, CCSHAU, Hissar

Training period	29/03/2019 to 26/06/2019 (90 days)
------------------------	------------------------------------

Visiting institute	Institute of Biotechnology in Plant Production, University of Natural Resources and Life Sciences, Vienna, Austria
---------------------------	--

Department	Department of Agri-Biotechnology
-------------------	----------------------------------

Thematic area	Molecular Breeding
----------------------	--------------------

Feedback	
-----------------	--

I got the opportunity for Three months international training in the area of Molecular Breeding under Professor Dr. Hermann Burst Mayr, Dept. of Agrobiotechnology Tulln, Institute of Biotechnology in Plant Production, University of Natural Resources and Life Sciences, Vienna, Austria. The training helped to learn recent technologies used in Molecular Breeding and gave an opportunity to interact with international faculty for a long term collaboration in the field of breeding. This training will help to make the breeding strategies in future for sustainable agricultural production.

Overall Rating	Excellent
-----------------------	-----------



Dr. Ajay Pal



Faculty, CCSHAU, Hissar

Training period	20/04/2019 to 19/07/2019 (90 days)
------------------------	------------------------------------

Visiting institute	Horsham Grains Innovation Park, Horsham, Australia
---------------------------	---

Department	Department of Plant Phenomics
-------------------	-------------------------------

Thematic area	Nanotechnology
----------------------	----------------

Feedback

During the training period, I developed unloaded, single and double loaded chitosan nanoparticles (NPs) using copper (Cu), zinc (Zn) and salicylic acid (SA). The developed single loaded NPs include Cu-chitosan, Zn-chitosan and SA-chitosan NPs while double loaded NPs include Cu-SA-chitosan and Cu-Zn-chitosan NPs. The developed NPS were characterized for their mean hydrodynamic diameters, zeta-potentials and poly dispersity index (PDI). The release behaviours of the encapsulated components were also studied as the function of pH and time.

Overall Rating	Excellent
-----------------------	-----------



July 2020
292

2019/7/18 10:47

Dr. Yadvika



Faculty, CCSHAU, Hissar

Training period

25/06/2019 to 05/09/019 (72 days)

Visiting institute

University of Illinois at Urbana-Champaign, USA

Department

Department of Education

Thematic area

International Pedagogy

Feedback

I am quite satisfied with my training but it should be done with a bench fees so that the host institute customize programs especially for us to make our visit fruitful

Overall Rating

Excellent



Dr. Anju Kumari



Faculty, CCSHAU, Hissar

Training period	1/04/2019 to 29/06/2019 (90 days)
------------------------	-----------------------------------

Visiting institute	Faculty of Engineering, The University of Auckland, New Zealand
---------------------------	---

Department	Department of Chemical & Materials Engineering
-------------------	--

Thematic area	Food processing
----------------------	-----------------

Feedback

As an assistant professor in food microbiology at CCS HAU, Hisar, I was thrilled to get exposure at The University of Auckland (UoA), which is ranked within the top 100 of the QS World University Rankings. As an trainee under Prof. M. Farid, Department of Chemical & Materials Engineering, Faculty of Engineering, The University of Auckland, New Zealand, I gained new skills and significant insights into both thermal and non thermal food processing technologies.

I was able to improve my skills in handling Water activity meter, auto titrator, texture analyser, moisture analyser, Bac Trac Microbiological Impedance Analyser and Microplate reader. I got clued up about Fourier-transform infrared spectroscopy, SEM, XRD, GCMS and Supercritical Fluid Extraction.

Overall Rating	Excellent
-----------------------	-----------

Dr. Sarita Devi



Faculty, CCSHAU, Hissar

Training period	20/04/2019 to 19/07/2020 (90 days)
------------------------	------------------------------------

Visiting institute	Horsham Grains Innovation Park, Horsham, Australia
---------------------------	---

Department	Department of Education
-------------------	-------------------------

Thematic area	International Pedagogy
----------------------	------------------------

Feedback

It was a great learning experience at Agriculture Victoria Research Station, La Trobe University, Australia. I came across some of teaching methodologies Information Communication Technology (ICT), Power Point Presentation, Interactive sessions, Assignments and White/Blackboard Teaching. Technicalities of Digital Phenotyping. To develop ICT platform for plant phenomics and smart agriculture in the greenhouse under controlled environment with precision data analysis. It will definitely help in the genetic improvement in crop plants. My sincere thanks to NAHEP-Institutional Developmental Plan Project (IDP) Team and University Authorities for giving me the opportunity to gain such a wonderful academic experience. The learning will help me to excel in my academic and scientific career.

Overall Rating	Excellent
-----------------------	-----------





July 2020
295

Dr. Sangeeta C. Sindhu



Faculty, CCSHAU, Hissar

Training period

25/06/2019 to 24/09/2019 (90 days)

Visiting institute

University of Illinois at Urbana-Champaign, USA

Department

Department of Food Science and Human Nutrition

Thematic area

Food Processing

Feedback

It was a good learning experience. Interacting with mentor scientist as well as research scholars was an enriching experience. I visited other departments, labs and constituent institutes of university as well as participated in ongoing workshops. It has definitely given new insights not only through use of new instruments but also interpretation of data. I am sure my institution and future students will also benefit from my experience.

Overall Rating

Excellent



Dr. Vijay Kumar Singh



Faculty, CCSHAU, Hissar

Training period

25/06/2019 to 24/09/2019 (90 days)

Visiting institute

University of Illinois at Urbana-Champaign, USA

Department

Department of Agricultural and Biological Engineering

Thematic area

Food processing; Two stage hydrothermal and mechanical refining pre-treatment of energy cane bagasse to improve sugar yields

Feedback

I did the NAHEP-IDP training as under Dr. Vijay Singh, Distinguished Professor of Bioprocessing in the Department of Agricultural and Biological Engineering, Director of Integrated Bioprocessing Research Laboratory (IBRL), University of Illinois, Urbana Champaign,, Illinois, USA, Host Institute; Agricultural and Biological Engineering, University of Illinois, Urbana Champaign (UIUC), Illinois, USA. My overall experience was very good in term research facilities, working environment, regularity in respect of research work, cooperation during experimental work from guide, faculty members, PDF fellow as well as students.

Overall Rating

Excellent

Component 1b: Centres for Advanced Agricultural Science and Technology

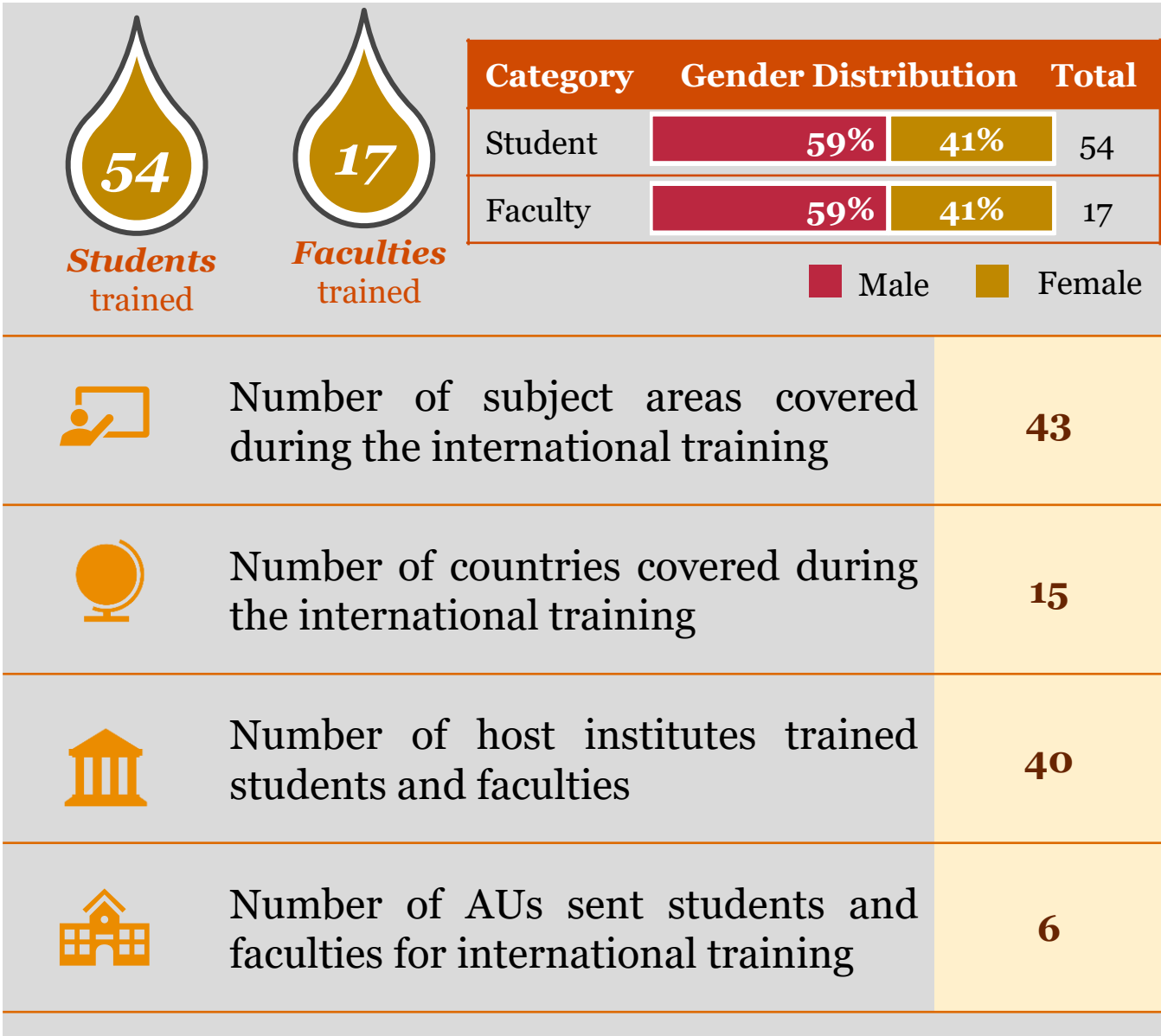


Centres for Advanced Agricultural Science and Technology (CAAST)

In last two years of implementation, CAAST has awarded the sub-projects to 16 AUs, spread across 11 states in the country. Total budget outlay of the component is USD 46.2 Mn (INR ~308 Crores). CAAST centres have been developed as multidisciplinary and interdisciplinary in nature for teaching, research and extension on critical and emerging issues of agriculture. The key provisions for funding under CAAST include research and teaching equipment, faculty and scientist development fellowships, postgraduate student scholarships, and the costs associated with twinning arrangements with similar centers both nationally and internationally.

The activities and research achievements of the AUs under CAAST are spread over a number of thematic areas such as Conservation Agriculture, Protective/ Saline aquaculture, Climate Smart Agriculture, Precision farming / Farm Mechanization, Secondary Agriculture, Adaptive agriculture, Renewable Energy Sources, Integrated Farming System (IFS), Agriculture Market Intelligence, Good Agricultural Practices, Hitech/Protected Cultivation, Food Safety, Big Data Analysis and Genomics-assisted Breeding.

International training sponsored under CAAST would support in brining high relevancy in agricultural higher education and improving the research effectiveness





Chetan Kumar Garg

PhD, Fish Nutrition- CIFE, Mumbai

Training period	25/11/2019 to 24/11/2019 (30 days)
Visiting institute	Aquaculture Research Institute, University of Idaho, Idaho, USA
Department	Aquaculture Research Institute
Thematic area	Development of low cost aquafeed for finfish

Feedback

It was great experience. I learned operations and handling of various advance tools used for the nutritional study. Also, undergone hands-on training and learned about preparation of experimental feed. During the training, conducted short feeding trail and visited Raceway farm in Idaho where I learned about raceway based trout culture system. Also experienced trout breeding and it's different life stages. Through this international training, I gained extensive knowledge in fish nutrition field, this training will be helpful to carry-out my PhD research.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



July 2020
300

Rushikesh Kalamkar



PhD -MPKV, Rahuri

Training period

11/11/2019 to 10/12/2019 (30 days)

Visiting institute

Asian Institute of Technology Thailand

Department

Geo-informatics Centre,

Thematic area

Application of Drone, AI and Google earth engine in Agriculture

Feedback

It was my first international experience. Training was organized at AIT, Bangkok. During one month training, we learnt basics of drones, Google Earth engine and application of IT in agriculture. Mentors were extremely good. Lodging and boarding facilities were too good. I am so thankful to NAHEP, ICAR and MPKV, Rahuri.

Satisfaction level of trainee

Excellent



Vijay Gajanan Raut

PhD, MPKV, Rahuri

Training period	11/11/2019 to 10/12/2019 (30 days)
------------------------	------------------------------------

Visiting institute	Asian Institute of Technology Thailand
---------------------------	---

Department	Geo-informatics Centre,
-------------------	-------------------------

Thematic area	Application of Drone, AI and Google earth engine in Agriculture
----------------------	--

Feedback	
-----------------	--

Training was very beneficial for us. We learned different types of Drone and it's application in various field. We also learned Google earth engine using java script and Python programming languages. Professionalism displayed by all GIC staff itself left a lasting impression on us. Overall training was very good and we learned application of different new technology in agriculture.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------





Vidya Uttam Kandekar

PG-II, MPKV, Rahuri

Training period

11/11/2019 to 10/12/2019 (30 days)

Visiting institute

Asian Institute of Technology
Thailand

Department

Geo-informatics Centre,

Thematic area

Application of Drone, AI and Google
earth engine in Agriculture

Feedback

The new programming language Python which I learned, I have used it in my master research work also. The experience of learning from the experts of GIC, AIT was very good. I am really lucky that I got chance to learn such new things in my masters. This training will definitely help me in my future work and I will surely use all my knowledge for betterment of agriculture and farmers.

Satisfaction level of trainee

Excellent





July 2020
303



Amruta Dnyaneshwar Raut

PhD - MPKV, Rahuri

Training period

11/11/2019 to 10/12/2019 (30 days)

Visiting institute

Asian Institute of Technology
Thailand

Department

Geo-informatics Centre,

Thematic area

Application of Drone, AI and Google
earth engine in Agriculture

Feedback

I got the opportunity to learn about techniques which is new for me like drone, Internet of things, different image processing software and google earth engine. As I am student of soil science this technique will help in land use /land cover classification, mapping, different vegetation indices. Prior to this training we used remote sensing and GIS for the purpose but by using drone we can obtain a clear image. Through application of GEE there is no need to download satellite images. Besides subject matter training we also got to learn about interpersonal behaviour. The staff at GIC are so humble, self disciplined and give respect to everyone.

Satisfaction level of trainee

Excellent



Payal Arun Mahadule

PhD - MPKV, Rahuri

Training period

11/11/2019 to 10/12/2019 (30 days)

Visiting institute

Asian Institute of Technology
Thailand

Department

Geo-informatics Centre,

Thematic area

Application of Drone, AI and Google
earth engine in Agriculture

Feedback

The training was new platform for us to learn advanced new technology apart from our department subjects. As I am pursuing my Ph.D. in soil science and agricultural chemistry this training was very much relevant. By using drones and google earth engine we can study different problematic soil, land use, land cover, soil type, moisture, temperature, nutrient of soil and many such things which will provide a knowledge of how soil can be managed in the context of changing climate and to feed growing population by proper management of soil. In this background the training is very beneficial for us. Thank you NAHEP, World bank for giving us such great opportunity.

Satisfaction level of trainee

Excellent



ON REDMI K20
PLE CAMERA

July 2020
305

Ubale Sonali Prabhakar



PG-II, MPKV, Rahuri

Training period	11/11/2019 to 10/12/2019 (30 days)
------------------------	------------------------------------

Visiting institute	Asian Institute of Technology Thailand
---------------------------	---

Department	Geo-informatics Centre,
-------------------	-------------------------

Thematic area	Application of Drone, AI and Google earth engine in Agriculture
----------------------	--

Feedback

This training programme was really a great opportunity for learning about technology and it's usefulness in agriculture beyond our classroom and regular curriculum. Through this training programme we got chance to learn practical as well as theoretical knowledge about drone technology and Internet of things.

- I learned to fly the drone.
- Learned to create a Flight plan by using software and some basics of flight planning.
- Learned about popular programming language i.e. Python.
- I also learned about basics of Google Earth Engine, its tools and about its applications.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



July 2020
306

Sachin Pandurang Shinde



PhD- MPKV, Rahuri

Training period

11/11/2019 to 10/12/2019 (30 days)

Visiting institute

Asian Institute of Technology
Thailand

Department

Geo-informatics Centre,

Thematic area

Application of Drone, AI and Google
earth engine in Agriculture

Feedback

The training was really a life time memorable experience where we learnt, observed and experienced many new things. The Geo Informatic We got practical knowledge and theory information about different types of drones its usefulness in many sectors including agriculture. Its basics, different sensors, actuators and building circuits like blinking of RGB LED and reading light sensors using bread board jumping wires, resisters and RGB LED. The training left a lasting impression on us and we intend to use it for agriculture sector in future. We are really thankful to GIC, AIT for organising and hosting this training. Lots of thanks to NAHEP, ICAR, New Delhi for sponsorship, and to MPKV, Rahuri for giving us such a great opportunity.

Satisfaction level of trainee

Excellent



July 2020
307

Pradip Vasant Ambre



PG-II - MPKV, Rahuri

Training period

11/11/2019 to 10/12/2019 (30 days)

Visiting institute

Asian Institute of Technology
Thailand

Department

Geo-informatics Centre,

Thematic area

Application of Drone, AI and Google
earth engine in Agriculture

Feedback

During the first two weeks of training we learned and performed practical on Drones and Its application. I came to know about Drone mapping used in agriculture such as crop monitoring, yield estimation, GNSS- survey. Last two weeks was focused on Google earth engines and IoT. From one month training I got new knowledge and definitely this training has increased my confidence. On the basis of one month training I did case study on Change detection during last 10 years on MPKV campus by using Google earth engines techniques. This is very useful for my research as well as for bright future.

Satisfaction level of trainee

Excellent



July 2020
308

Mininath Sonyabapu Anarase



PhD- MPKV, Rahuri

Training period

11/11/2019 to 10/12/2019 (30 days)

Visiting institute

Asian Institute of Technology
Thailand

Department

Geo-informatics Centre,

Thematic area

Application of Drone, AI and Google
earth engine in Agriculture

Feedback

International training programme provides a big platform to me to learn the about the Drone technology, Google Earth Engine and Internet of Things and more importantly how this technology is changing agriculture. In drone technology I learned about the History of Drones, types of drones and applications in various sector. I learned various basic Concept of Python language, Installation procedure of Python, various available platform for Python programming. Training programme was more helpful to build up confidence amongst all. During training we got the information on emerging areas of agri-tech. I find this International programme more helpful to me not only during Ph.D. but also when in future I am serving the farming community.

Satisfaction level of trainee

Excellent



Vilas Shankarrao Ghule

PhD - MPKV, Rahuri

Training period	11/11/2019 to 10/12/2019 (30 days)
------------------------	------------------------------------

Visiting institute	Asian Institute of Technology Thailand
---------------------------	--

Department	Geo-informatics Centre,
-------------------	-------------------------

Thematic area	Application of Drone, AI and Google earth engine in Agriculture
----------------------	---

Feedback

The training was very useful for me in developing my perspective towards climate smart agriculture. Knowledge received from this training is quite helpful in measuring and analysing impact of climate change on agriculture. Internet of things is a new and expanding concept and during this training programme we got to know its application in agriculture. Training on Drones and their application is most relevant to our conditions and it was covered very nicely with all technical specifications. It can be very useful for a large country as India while studying impact of climate change on agriculture over the last decades. The neat division of training into various segments helped us to understand new topics very smoothly.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------





Komal Ashok Chavan

PhD- MPKV, Rahuri

Training period 11/11/2019 to 10/12/2019 (30 days)

Visiting institute Asian Institute of Technology Thailand

Department Geo-informatics Centre,

Thematic area Application of Drone, AI and Google earth engine in Agriculture

Feedback

Among the various subjects of training program I particularly enjoyed getting knowledge about drones and different application of drones in Agriculture. This aspect is very important in my future work and I sincerely feel with the help of this technology we can increase the production of agriculture.

Satisfaction level of trainee Excellent





Prashant Ankush Ghadage



PhD- MPKV, Rahuri

Training period

11/11/2019 to 10/12/2019 (30 days)

Visiting institute

Asian Institute of Technology
Thailand

Department

Geo-informatics Centre,

Thematic area

Application of Drone, AI and Google
earth engine in Agriculture

Feedback

It was an excellent experience. We learnt application of Drones and GEE in Agriculture. We learnt identification of weeds in field with the help of Drone images and with application of different software. Formally as well as informally we learnt many things which we can apply in our profession and life.

Satisfaction level of trainee

Excellent



Krisnpal Singh Parihar

PhD- MPKV, Rahuri

Training period	11/11/2019 to 10/12/2019 (30 days)
------------------------	------------------------------------

Visiting institute	Asian Institute of Technology Thailand
---------------------------	---

Department	Geo-informatics Centre,
-------------------	-------------------------

Thematic area	Application of Drone, AI and Google earth engine in Agriculture
----------------------	--

Feedback

Training comprised of an ideal syllabus for an agricultural engineer, which was related to pure science. It was very relevant for Climate Smart Technology. I want to say the knowledge of IoT must be mandatory for all students of agriculture. In the whole training programme, as per my personal view, this session was the most important for the revolutionary step in agriculture. Beside the training programme, AIT provided us with the facility to move outside of the campus and we explored a new world outside of India which opened our eyes about the world. It would only be through a blend of technology with agriculture that Indian agriculture would find the next green revolution.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



July 2020
313

Komal Ramesh Gadekar



PG-II- MPKV, Rahuri

Training period	11/11/2019 to 10/12/2019 (30 days)
Visiting institute	Asian Institute of Technology Thailand
Department	Geo-informatics Centre,
Thematic area	Application of Drone, AI and Google earth engine in Agriculture

Feedback

It was great experience during one month training on Drones its application and Google Earth Engine at Geoinformatics centre, Asian Institute of Technology, Thailand. I learned a lot of advanced technology that can be applied in agriculture like drone and advanced techniques using Google earth engine and remote sensing and GIS. The whole month experience was amazing there in formal and informal way. The teachers were experts in their particular topic of lectures and hands on practical's. It was very nice experience for me and I will definitely use this knowledge for enhancing my research work quality and academic work. Thanks for providing such opportunity.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------

GEOINFORMATICS CENTER



July 2020
314

Bhusari Sandip Ashok



PhD- MPKV, Rahuri

Training period	11/11/2019 to 10/12/2019 (30 days)
------------------------	------------------------------------

Visiting institute	Asian Institute of Technology Thailand
---------------------------	--

Department	Geo-informatics Centre,
-------------------	-------------------------

Thematic area	Application of Drone, AI and Google earth engine in Agriculture
----------------------	---

Feedback	
-----------------	--

I learned a lot of new things during the training and I will definitely use this knowledge in my research area.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Ankita Prakash Kamble

PhD- MPKV, Rahuri

Training period 11/11/2019 to 10/12/2019 (30 days)

Visiting institute Asian Institute of Technology Thailand

Department Geo-informatics Centre,

Thematic area Application of Drone, AI and Google earth engine in Agriculture

Feedback

I learnt different skills of drone flight planning, weed detection from field with the help of drone images.. types and functions of sensors used in Agriculture

Satisfaction level of trainee Excellent





Ajit Pralhad Magar

PhD- MPKV, Rahuri

Training period 11/11/2019 to 10/12/2019 (30 days)

Visiting institute Asian Institute of Technology Thailand

Department Geo-informatics Centre,

Thematic area Application of Drone, AI and Google earth engine in Agriculture

Feedback

The training was divided in four sections. In the first section, we were familiarized with different drones and its flying techniques, its use for photogrammetry and mapping, drone flight planning using software like Drone Deploy. We had hands on training of flying the drone. We also got opportunity to visit various sights of Thailand and know the country and its people. Overall, the training was important not only in terms of professional carrier enhancement but also in gaining insights about people.

Satisfaction level of trainee Excellent



Harshvardhan Namdev Markad

PhD- MPKV, Rahuri



Training period

11/11/2019 to 10/12/2019 (30 days)

Visiting institute

Asian Institute of Technology
Thailand

Department

Geo-informatics Centre,

Thematic area

Application of Drone, AI and Google
earth engine in Agriculture

Feedback

I found training session on IoT difficult than the other two sessions because it is based on electronic devices, in which I was not having any basic knowledge. The knowledge gained by me at AIT, is necessary from the point of view of learnings I acquired here. Drone can be useful for spraying fungicides, insecticides on large area without use of any manual labour. It helps in cost and time reduction and distribution of chemicals on crop plants is also uniform. In post training at MPKV, Rahuri I completed my project work on Assessment of crop health by using remote sensing method in Rahuri block.

Satisfaction level of trainee

Excellent



Mayuri Manikrao Godse

PhD- MPKV, Rahuri



Training period

11/11/2019 to 10/12/2019 (30 days)

Visiting institute

Asian Institute of Technology
Thailand

Department

Geo-informatics Centre,

Thematic area

Application of Drone, AI and Google
earth engine in Agriculture

Feedback

Learning in GIC, AIT, Bangkok was excellent. I learnt new skills related to Drones IoT and GEE and their application in agriculture.

Satisfaction level of trainee

Excellent



Arul Murugan

PhD, Fish Nutrition- CIFE, Mumbai

Training period	01/03/2020 to 30/03/2020 (30 days)
------------------------	------------------------------------

Visiting institute	Mahidol University- Faculty of science, Bangkok, Thailand
---------------------------	---

Department	Centre of Excellence for Shrimp Molecular biology and Biotechnology, BIOTEC-NSTDA
-------------------	---

Thematic area	Challenge Study with AHPND Causing Vibrio on Litopenaeus Vannamei
----------------------	---

Feedback

The training was a new and much needed exposure for me. It will be much better if I had been given more time to be here and do research for a period of minimum 6 months. I find 1 month training is very short and I was not able to achieve the complete target of my experiments here. It is my suggestion that the training period be extended to 6 or 3 months in the future.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------





Pranab Dihingia

PhD, Fish Nutrition- CIFE, Mumbai

Training period	20/11/2019 to 20/12/2019 (30 days)
------------------------	------------------------------------

Visiting institute	University of Veterinary Medicine, Vienna, Austria
---------------------------	--

Department	Clinical Unit of Fish Medicine
-------------------	--------------------------------

Thematic area	Modern and Advance Molecular Genetics Tools in Fish Disease Diagnosis, Bacterial Identification and Transcriptomics.
----------------------	--

Feedback

It was a wonderful experience to work under renowned fish parasitologist Dr. Prof. Mansour El Matbouli and bacteriologist Dr. Simon - Mehantea- ledouble. There I learned various modern and advanced molecular genetics tools regarding fish disease diagnosis, transcriptomics and rapid bacterial identification techniques which enhanced my theoretical knowledge in a more practical and field oriented way. Further, I would like to express my heartfelt thanks to National Director, NAHEP; PI(NAHEP, ICAR-CIFE, Mumbai) and all the members associated with NAHEP CAAST, ICAR-CIFE for having given me this opportunity to explore and expand my knowledge at international platform.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



July 2020
320



July 2020
321

Monalisha Kumar



PhD, CIFE, Mumbai

Training period	20/11/2019 to 20/12/2019 (30 days)
Visiting institute	University of Veterinary Medicine, Vienna, Austria
Department	Clinical Unit of Fish Medicine
Thematic area	Microbial composition of Inland Saline Water and interaction with host and environment

Feedback

I am very much privileged to get the lifetime opportunity through this one month training on modern and advanced molecular genetic tools and modern bacteriological techniques. Advance omic tools had been introduced in the field of functional genomic research. Interaction with the PhD students of that university has given me an exposure to the ongoing research activities in the field of aquatic animal health management. Exposure to Austrian culture provides me a whole new experience. Overall I have acquired wonderful ideas to carry out my future research work.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Prasanta Jana

PhD, CIFE, Mumbai

Training period 07/01/2020 to 06/02/2020 (30 days)

Visiting institute CIIMAR, University of Porto, Portugal

Department Lab of Nutrition, growth and quality of fish (LANUCE)

Thematic area Nutraceuticals for Stress Mitigation and Growth Enhancement in Inland Saline Water

Feedback

CIIMAR is the major research wing of University of Porto. It generally deals with sustainable aquaculture and seafood quality, ocean resources, blue biotechnology etc. LANUCE is headed by Prof. Luisa Valente, Director, CIIMAR. It was a wonderful experience to work under her for a period of one month where I learned different advance methods and techniques of fish nutrition, immunology and molecular biology. In the weekend I roamed around Porto city and tasted different local cuisines. Overall a wonderful experience.

Satisfaction level of trainee Excellent





Hougaina panmei

PG-II- CIFE, Mumbai

Training period	07/01/2020 to 06/02/2020 (30 days)
------------------------	------------------------------------

Visiting institute	CIIMAR, University of Porto, Portugal
---------------------------	---------------------------------------

Department	Lab of Nutrition, growth and quality of fish (LANUCE)
-------------------	---

Thematic area	Nutraceuticals for stress mitigation and growth enhancement in inland saline water
----------------------	--

Feedback

I consider it a blessing for getting the golden opportunity to explore and experience new things, skills and techniques and way of effective research. The training has motivated and helped me improve my confidence to do my research well and accurately. I have learned how to conduct research with a great team and with right attitude. During the training I learned techniques like RAS technique and digestibility trial, proximate analysis, histomorphometric evaluation of fish tissues and textural analysis, etc. As a whole, the training helped me in acquiring knowledge on different aspect of inter-disciplinary research and in improving my communication and language skills.

Satisfaction level of trainees	Excellent
---------------------------------------	-----------

Response Catalogue of International Trainings under NAHEP





July 2020
324

Thejaswini



PG-II, CIFE, Mumbai

Training period	20/11/2019 to 20/12/2019 (30 days)
------------------------	------------------------------------

Visiting institute	University of Veterinary Medicine, Vienna, Austria
---------------------------	--

Department	Clinical Unit of Fish Medicine
-------------------	--------------------------------

Thematic area	Biofloc technology for sustainable effluent management in Aquafarming
----------------------	---

Feedback

I am thankful to NAHEP for providing this wonderful opportunity. In this training, I have learnt about advanced genomic tools in the field of functional genome research. I interacted with PhD students of the University and came to know about their research area. The lectures during training programme, provided a wide knowledge on different aspects of fisheries sector as well as the importance of inter disciplinary research in the field. It helped to improve the academic skills as well as the personality and communication skills.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Jagdish Prasad Chaurasiya



PhD - CSAUA&T, Kanpur

Training period	09/03/2020 to 11/06/2020 (90 days)
Visiting institute	International Maize and Wheat Improvement Center (CIMMYT), Mexico
Department	Obregon Research Center
Thematic area	Hybrid seed production efficiency in T. timophilia based CMS system of wheat

Feedback

It was an interesting experience interacting with the scientists and technicians who are very knowledgeable, helpful and friendly. I started my research training from Obregon research center. I acquired lot of information like hybrid wheat, durum wheat research trail, triticale, lodging, drought, heat and rust. We also got information about land mark genotypes. I found field work, particularly individual plant selection from segregating and advanced generation most challenging and yet very interesting job to do. I am thankful to CAAST-NC and all the respected delegates of my university who have given me great opportunity for international training visit.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------

Response Catalogue of International Trainings under NAHEP



Kuldeep Yadav

PhD - CSAUA&T, Kanpur

Training period	09/03/2020 to 11/06/2020 (90 days)
------------------------	------------------------------------

Visiting institute	International Maize and Wheat Improvement Center (CIMMYT), Mexico
---------------------------	---

Department	Obregon Research Center
-------------------	-------------------------

Training area	The application of Classical breeding and molecular tools for improving Wheat quality and Yield determining traits
----------------------	--

Feedback

I started my training programme with Basic Wheat Improvement Course (BWIC). I got information about many historical lines as well as biofortified and rust resistance lines. I got an opportunity to visit the trails of durum wheat at drought as well as irrigated condition. I got information about how to develop lodging resistance plants. I visited the quality lab of wheat and learned how to run the markers and QTL identification. My teaching stint during the training period gave me required confidence for my future career. I am thankful to CAAST-NC and all the respected delegates of my university who have given me great opportunity for international training visit.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



July 2020
1826



Sachin

PhD- IARI, New Delhi

Training period	04/02/2020 to 15/05/2020 (11 days)
------------------------	------------------------------------

Visiting institute	Roth Amsted Research, United Kingdom
---------------------------	--------------------------------------

Department	Department of Plant Sciences
-------------------	------------------------------

Thematic area	Plant Genome Editing- Designing and Preparation of Plasmid Constructs for Multiplex Genome Editing in Wheat
----------------------	---

Feedback

During my training stint here I designed Guide RNAs using different online and offline software like Genious, NEB Tm calculator, ensemble plant, URGI, RNAfold web Server, Castoff finder etc. I designed total 12 Guide RNAs and assembled them in two constructs of 6 each. Also, I did wheat transformation with their constructs which we had co-bombarded just to learn the wheat transformation in immature embryos. We co-bombarded one GFP construct and saw fluorescence after one week of bombardment and regenerated those transformed immature embryos. I also visited the Roth Amsted Phenomics facility, Rothamsted Manner, Kew Gardens in London.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



July 2020
328



Shweta Meshram

PhD- IARI, New Delhi

Training period	15/11/2019 to 15/01/2020 (60 days)
Visiting institute	Iowa State University, Ames, USA
Department	Department of Agronomy, Crop, Soil and Environmental Science
Thematic area	Plant Pathology and Crop Improvement
Feedback	

I worked in Prof. MK Bhattacharya's lab during my two months training. I was exposed to various on going experiments of lab. During my training I learnt advanced molecular and genomics techniques which are helpful for me in my current research as well as future endeavours. I also learnt advanced phenotyping technique (MATLAB software) and joined online certificate learning courses of IOWA state University. I could also understand the foreign learning and working environment . Over all it was an excellent opportunity for me to learn Formal and Non formal education.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Rathan N D

PhD- IARI, New Delhi

Training period 13/01/2020 to 22/05/2020 (130 days)

Visiting institute International Maize and Wheat Improvement Center (CIMMYT), Mexico

Department Obregon Research Center

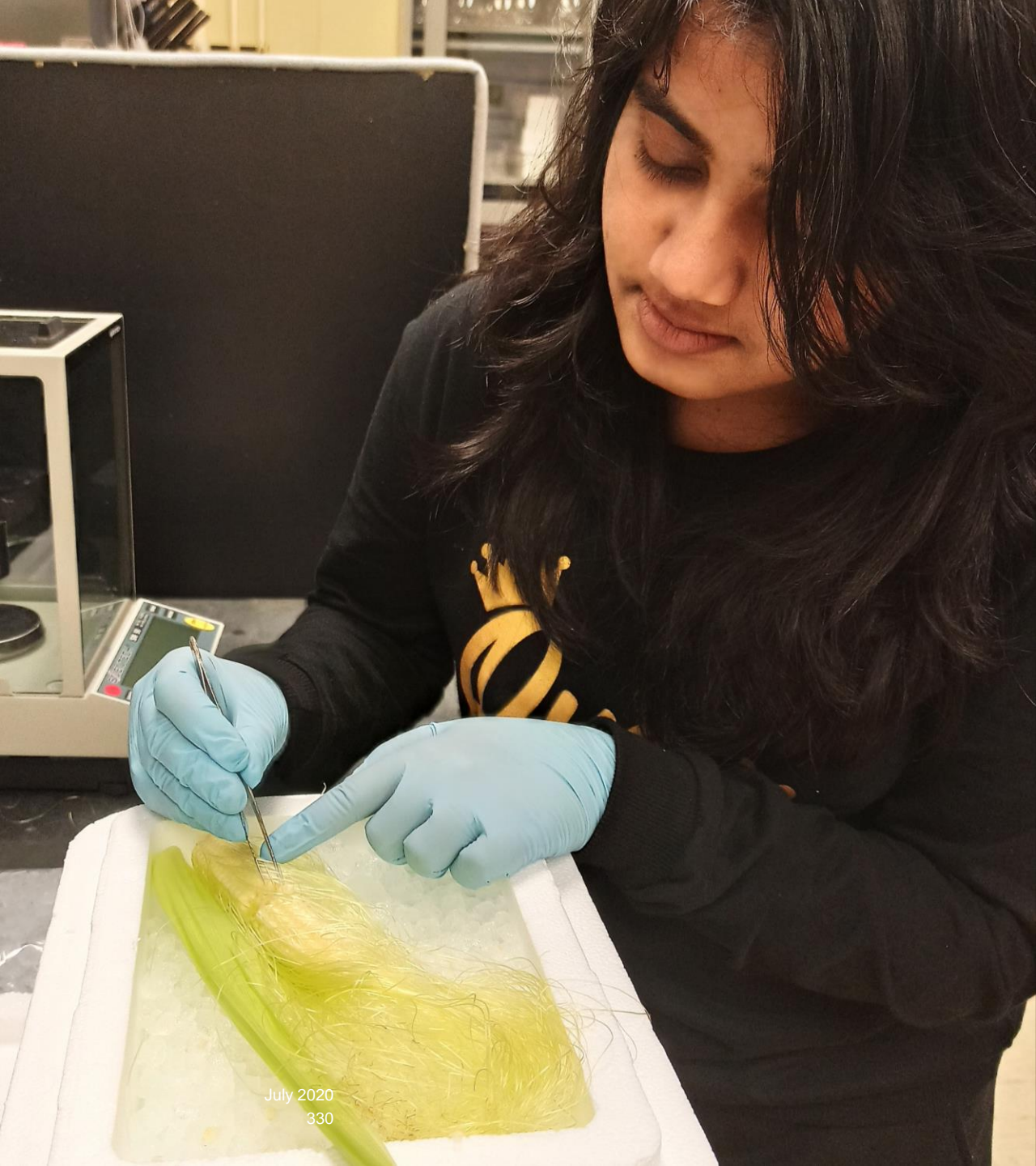
Thematic area The Application of Classical Breeding and Molecular Tools for Improving Wheat Traits

Feedback

The support and the help I received from the CIMMYT fraternity is really appreciable. The 90 days of scheduled training is filled with new learning experience with all fun and excitement. I worked in all three spheres of wheat breeding by planning my work in wheat molecular lab during the first month, wheat quality lab in second month and wheat breeding in Obregon in last month. This training provided me overall idea about wheat breeding from sowing to molecular and classical selection methodologies to quality analysis to shuttle breeding cycles and varietal development. Overall, this training provided me enhanced knowledge and confidence in my research area and provided an opportunity to meet many international scientists based in CIMMYT, which might be helpful for to do collaborative research work in future.

Satisfaction level of trainee Excellent





July 2020
330



Shreya Mandal

PhD- IARI, New Delhi

Training period	16/02/2020 to 8/06/2020 (113 days)
------------------------	------------------------------------

Visiting institute	Kansas State University, USA
---------------------------	------------------------------

Department	Department of Agronomy
-------------------	------------------------

Thematic area	Crop Eco physiology
----------------------	---------------------

Feedback

I learnt many things that will definitely make me a good researcher in foreseeable future. Kansas State University, USA is ranked among the best in the world. The collaborative work in which I became a part during my training stint will be soon published in one of the Internationally renowned peer reviewed journal. I am grateful to ICAR, Indian Agricultural Research Institute, New Delhi for giving me permission to join International Training program. I consider myself among the luckiest students to be able to become a part of World Bank sponsored ICAR- NAHEP CAAST Program, 2019. I am also willing to participate again in such brilliant, student engaging International as well as National level training programs, Conferences under NAHEP - CAAST banner.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Ramya N

PhD- IARI, New Delhi

Training period	20/10/2019 to 20/12/2019 (60 days)
------------------------	------------------------------------

Visiting institute	College of Agriculture, University of Delaware, USA
---------------------------	---

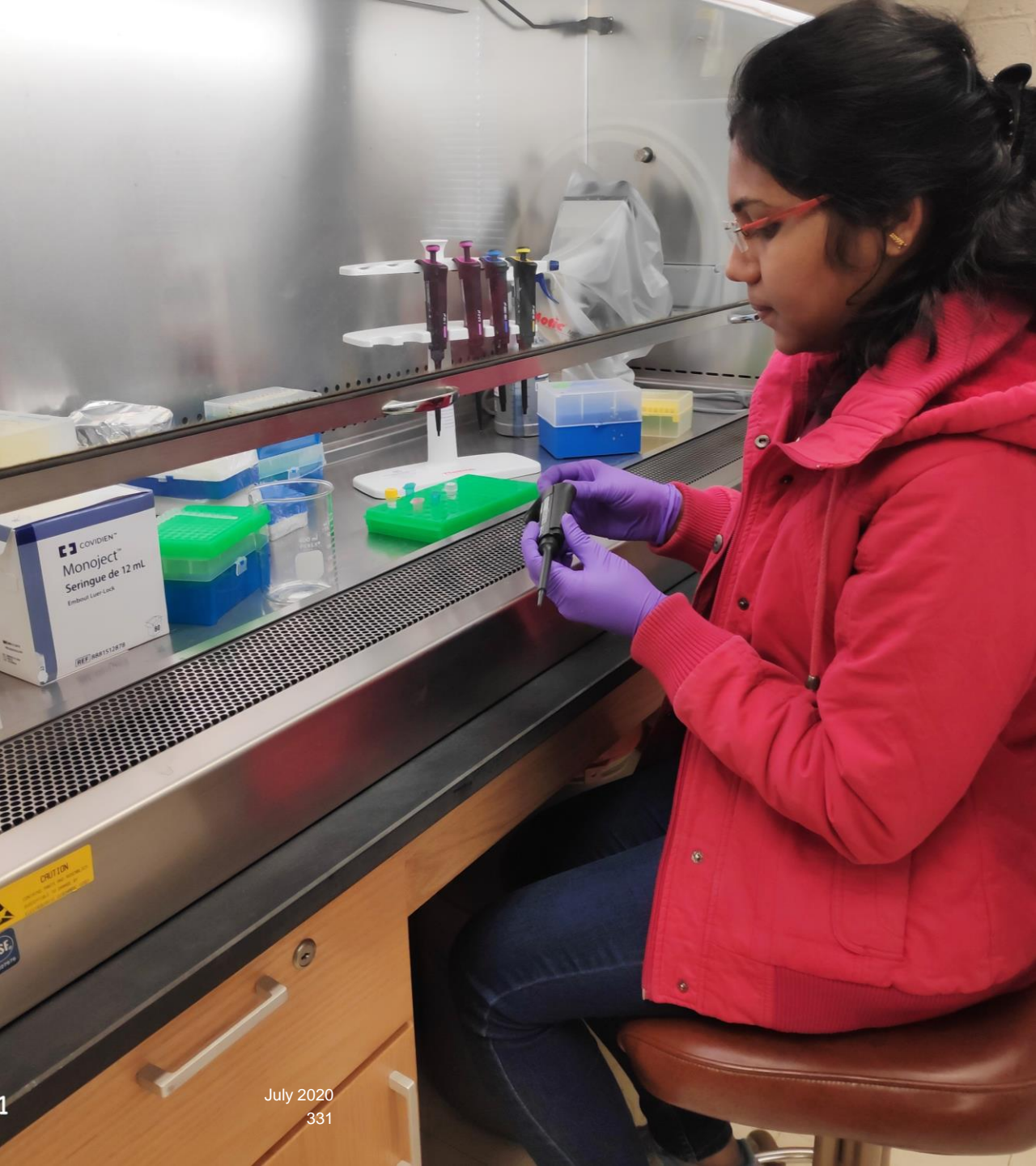
Department	Department of Entomology and Wild Life Ecology
-------------------	--

Thematic area	Insect Taxonomy
----------------------	-----------------

Feedback

It was a great opportunity for me to work under the guidance of such a renowned plant hopper taxonomist Dr. Charles Bartlett, Associate Professor. It was an amazing experience to work in his lab, where I learned both classical and molecular taxonomy techniques. The current research in delphacids, from the very basic insect collections to improved techniques like mitogenome sequencing and its applications in getting better results for identification as well as for evolutionary studies. We have attempted to explore the delphacids from different localities of India and identify them. Fortunately this International training made it possible to understand and shown the way forward in delphacids.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------





Arfa Anjum

PG, IARI, New Delhi

Training period	01/04/2019 to 30/6/2019 (90 days)
------------------------	-----------------------------------

Visiting institute	Washington State University Pullman, USA
---------------------------	--

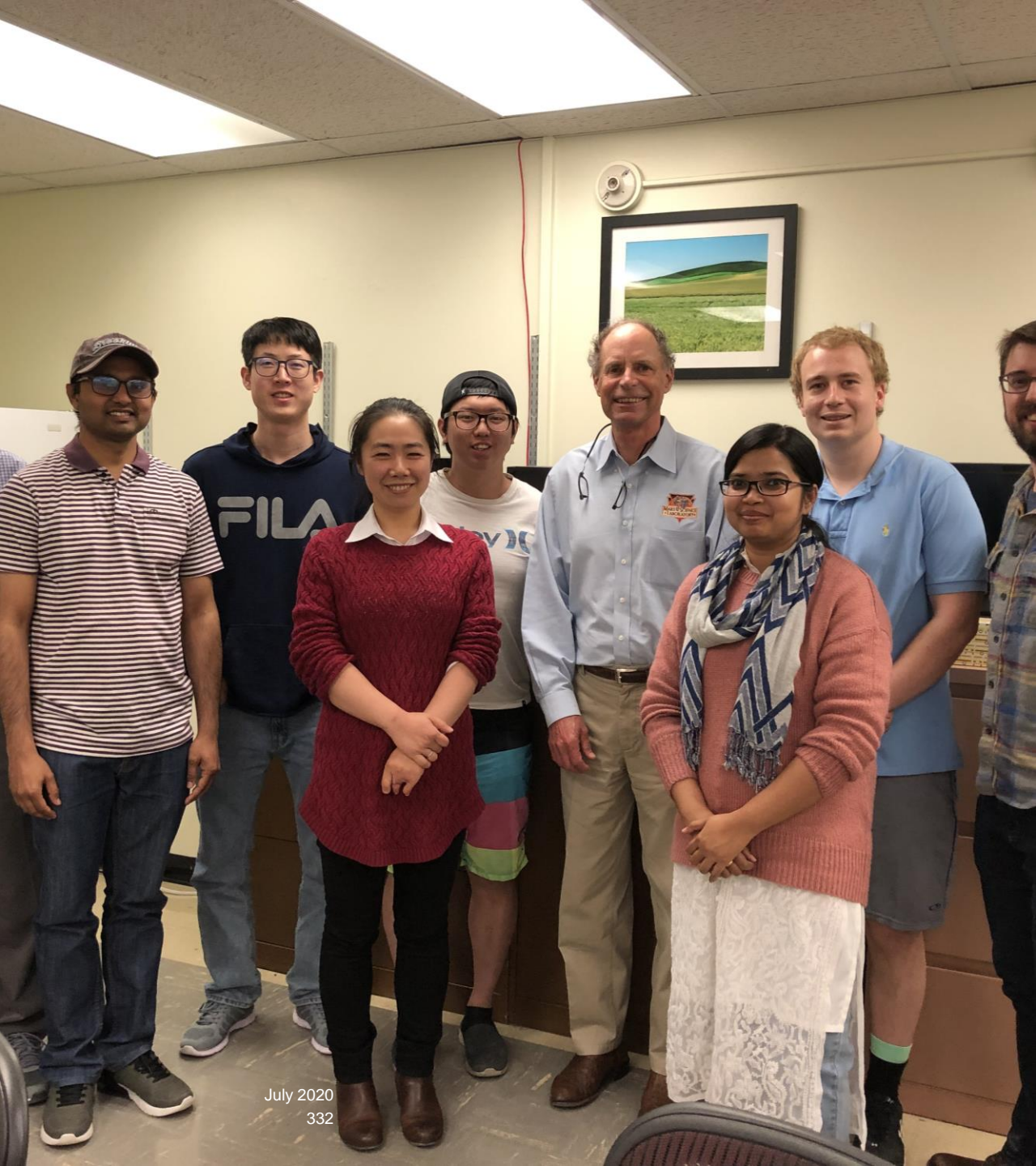
Department	Department of Crop and Soil Sciences
-------------------	--------------------------------------

Thematic area	Statistical Genomics
----------------------	----------------------

Feedback

My visit to Washington State University, USA was a great experience for me. I have learned various techniques during my training stint here that benefited me for the completion of my research work. My visit was for 3 month, in my opinion it was very short span of time. It should be a bit longer. Overall experience was great. More students should get chance for foreign research experience. I want to thank NAHEP-CAAST for giving me chance for this life changing experience.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------





Siddhant Ranjan Padhi



P G, IARI, New Delhi

Training period

02/09/2019 to 08/09/2019 (5 days)

Visiting institute

Millennium Seed Bank, United Kingdom

Department

Millennium Seed Bank

Thematic area

Plant Genetic Resources Conservation

Feedback

It was a very nice and informative study visit. we enjoyed the teachings provided by the respective institute. It should continue for the future students also.

Satisfaction level of trainee

Excellent



July 2020
334



Sandeep Kumar

PhD- IARI, New Delhi

Training period	05/03/2020 to 25/5/2020 (80 days)
Visiting institute	Quadram Institute Bioscience, Norwich, UK
Department	Department of Foods Science and Nutrition
Thematic area	Characterisation of Soy Isoflavone Specific - Glucosidase from Probiotic Microbes

Feedback

During the training I carried out the MS analysis of heterologous expressed proteins LBA 0885 and LBA 1480; the potential candidates for beta-glucosidase activity in *Lactobacillus acidophilus*. During this period, I joined virtual remote training on Bash for Bioinformatics and Online R training for GMH students and scientists. I participated in the lab group meetings, attended seminars and met with other graduate students and post-doctoral fellows in the institute and held discussions regarding research projects. I wholeheartedly thank NAHEP-CAAST for providing me with this wonderful opportunity.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



July 2020
335



Ramesh K B

PhD- IARI, New Delhi

Training period 07/01/2020 to 07/03/2020 (60 days)

Visiting institute Agricultural Research Organisation, Volcani Centre, Isreal

Department Department of Entomology and Nematology

Thematic area Endosymbiont Interaction in Bemisia Tabaci

Feedback

Thanks much to NAHEP-CAAST and its team for providing me the wonderful opportunity of this valuable training programme. I really enjoyed being exposed to one of the best whitefly laboratories at global level. Dr Murad Ghanim laboratory gave much exposure to my research area. I carried out dissection of salivary glands, guts, ovaries and bacteriocytes for localization of symbionts using fluorescent insitu hybridization. I also became part of many of the ongoing laboratory experiments like field collection and detection of belpopper viruses using rtpcr. The training was fruitful and very much useful for my present and future research career. Finally, I would like to give my heartfelt thanks to Dr. Vishwanathan sir, Dr Kumar sir, my beloved chairperson Dr Subramanian and IARI for giving this opportunity.

Satisfaction level of trainee Excellent



Padmavati G Gore

PhD- IARI, New Delhi

Training period 03/06/2019 to 07/06/2019 (4 days)

Visiting institute Jack R. Harlan International Symposium, Montpellier, France

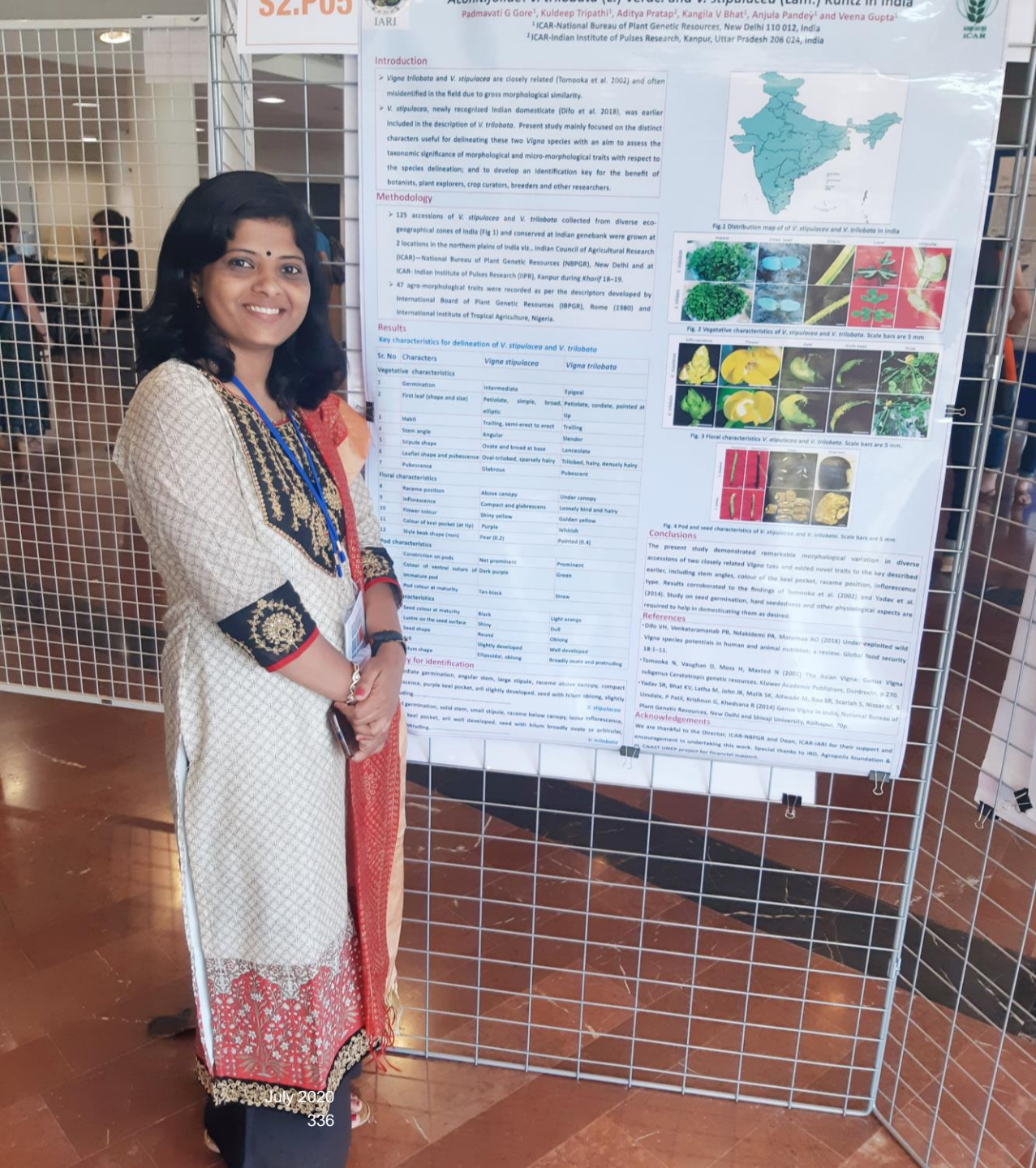
Department International Symposium

Thematic area Third Jack R. Harlan International Symposium Dedicated to the Origins of Agriculture and the Domestication, Evolution, and Utilization of Genetic Resources

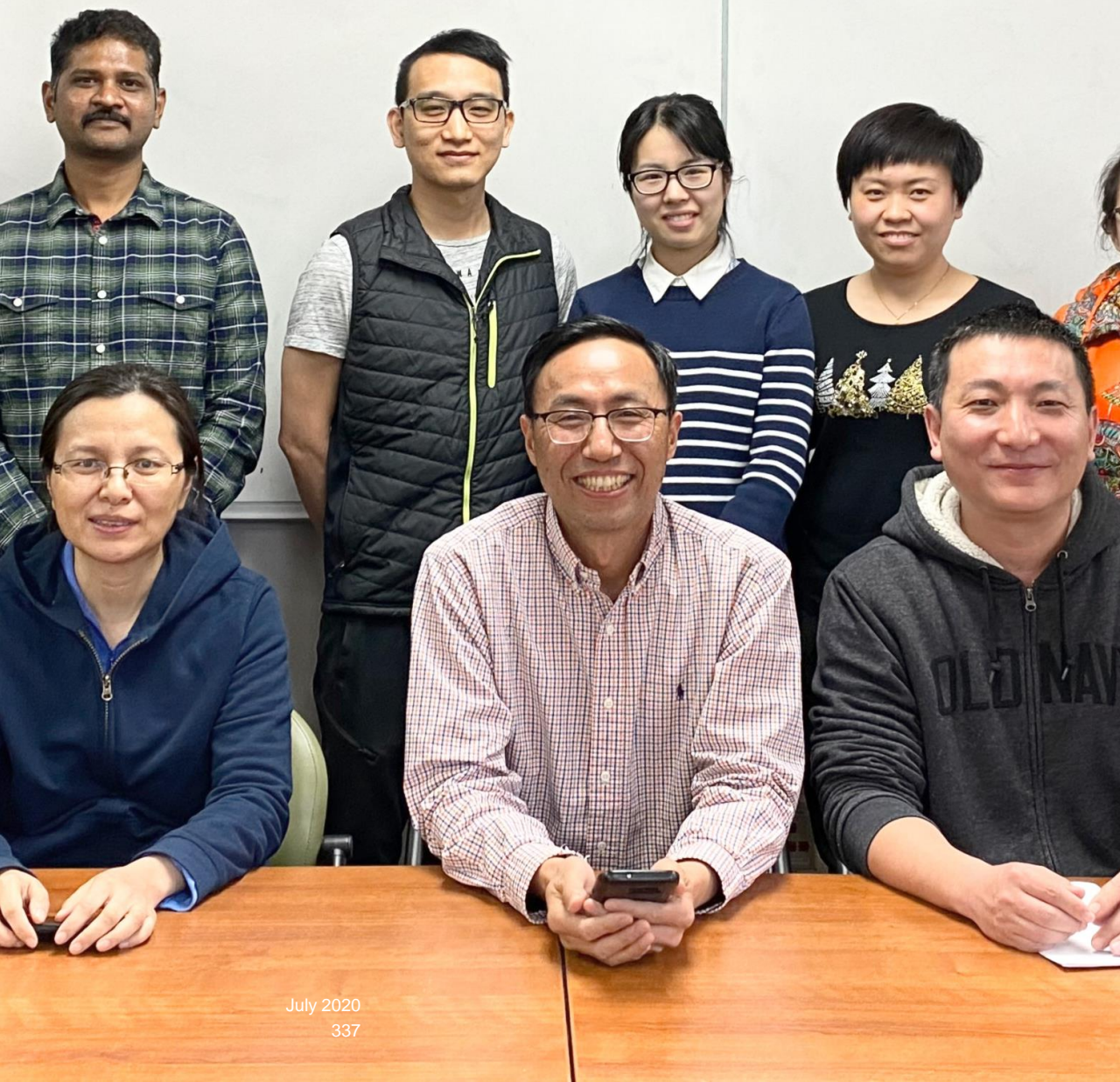
Feedback

I received partial funding from NAHEP-CAAST project to participate in the Third Jack R. Harlan International Symposium, held at Montpellier, France from 3rd June to 7th June, 2019. This symposium is dedicated to the origins of agriculture and the domestication, evolution, and utilization of genetic resources. I presented my poster on Delineating taxonomic identity of two closely related wild Vigna species of section Aconitifoliae: *Vigna trilobata* (L.) Verdc. and *V. Stipulacea* (Lam.) Kuntz in India which was appreciated by participants from worldwide. Around 163 researchers from 38 countries participated in this event.

Satisfaction level of trainee Excellent



WENG LAB MARCH 2020



July 2020
337

Sridhar Ramachandra



PhD- IARI, New Delhi

Training period	15/02/2020 to 14/06/2020 (120 days)
------------------------	-------------------------------------

Visiting institute	University of Wisconsin Madison, USA
---------------------------	--------------------------------------

Department	Weng's lab (Cucumber), Horticulture Department
-------------------	--

Thematic area	Marker Assisted Selection for Fruit Size QTL fs3.2 in Cucumber
----------------------	--

Feedback

Thanks to NAHEP for providing me the chance of training at the University of Wisconsin- Madison which is one of the leading giants in agricultural universities in the world. I got the opportunity to work in the well-facilitated lab and greenhouses. Moreover, it was an excellent opportunity to learn high throughput technology and to develop skills in my field of study. I was great learning experience to interact with reputed scholars and well-informed students of UW Madison from different parts of the world. A special thanks to all the committee member of CAAST project of IARI for providing this opportunity and for showing great concern for our safe return during a difficult time.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Arnav Mehrotra

PhD- IVRI, Izatnagar

Training period

14-10-2019 to 17-01-2020 (95 days)

Visiting institute

ETH Zurich, Switzerland

Department

Department of Animal Genomics

Thematic area

Statistical Modelling and QTL Analysis for GWAS

Feedback

The training was extremely useful both for my PhD project and to assist other projects being carried out in the Division of Animal Genetics at IVRI. Working in an international environment improved my communication skills and capacity for team-work. I got exposure to the state-of-the-art software and technologies of Animal Genetics and breeding which could help drive our own research back in India. It also opens up a possibility to further collaborate with ETH Zurich on different research projects.

Satisfaction level of trainee

Excellent





Waseem Akram Malla

PhD- IVRI, Izatnagar

Training period 02/09/2019 to 30/11/2019 (90 days)

Visiting institute Michigan State University, USA

Department Quantitative Biology & Modeling Initiative

Thematic area Bioinformatics, Big-data Analysis, New-Generation Sequencing and Sequence Data Analysis.

Feedback

At MSU, I gained an understanding of various bioinformatics tools some of which were completely new. I got a chance to work on a high-performance computing. I became acquainted with shell programming for RNA-Seq data analysis, so that I can write and run customized scripts to analyse various types of data. In addition, introduction to R provided me an insight into how we can customize our computer programs to suit to our needs. I was introduced to a lot of bioinformatics tools which aid in RNA-Seq data analysis. I also got a chance to meet researchers from various countries, and it was good to know about the research going on, as well as other aspects of life, in their respective countries. The departmental seminars were also a learning forum.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------





Kannadhasan M S

PhD- IVRI, Izatnagar

Training period	22/10/2019 to 21/12/2019 (60 days)
------------------------	------------------------------------

Visiting institute	International Livestock Research Institute, Nairobi, Kenya
---------------------------	--

Department	Veterinary Epidemiology
-------------------	-------------------------

Thematic area	Animal Health Economics And Livestock Disease Impact Assessment
----------------------	---

Feedback

The training helped in refining my research design, improving interview schedule, developing action plan for PRA methods. Interaction with scientists from various international organizations such as ILRI, Food and Agriculture Organization (FAO), World Organization for Animal Health (OIE), International Rice Research Institute (IRRI), International Institute of Tropical Agriculture (IITA) and International Goat association (IGA) helped to get new knowledge and research inputs. Overall, the training was helpful for my present and future research endeavour with a future scope to carryout collaborative research with (the help of) international research and extension institutes.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



July 2020
341

Parthasarathi B C



PhD- IVRI, Izatnagar

Training period

03/11/2019 to 08/02/2020 (90 days)

Visiting institute

IREC-CSIC-UCLM-JCCM, Spain

Department

Molecular Biology Lab

Thematic area

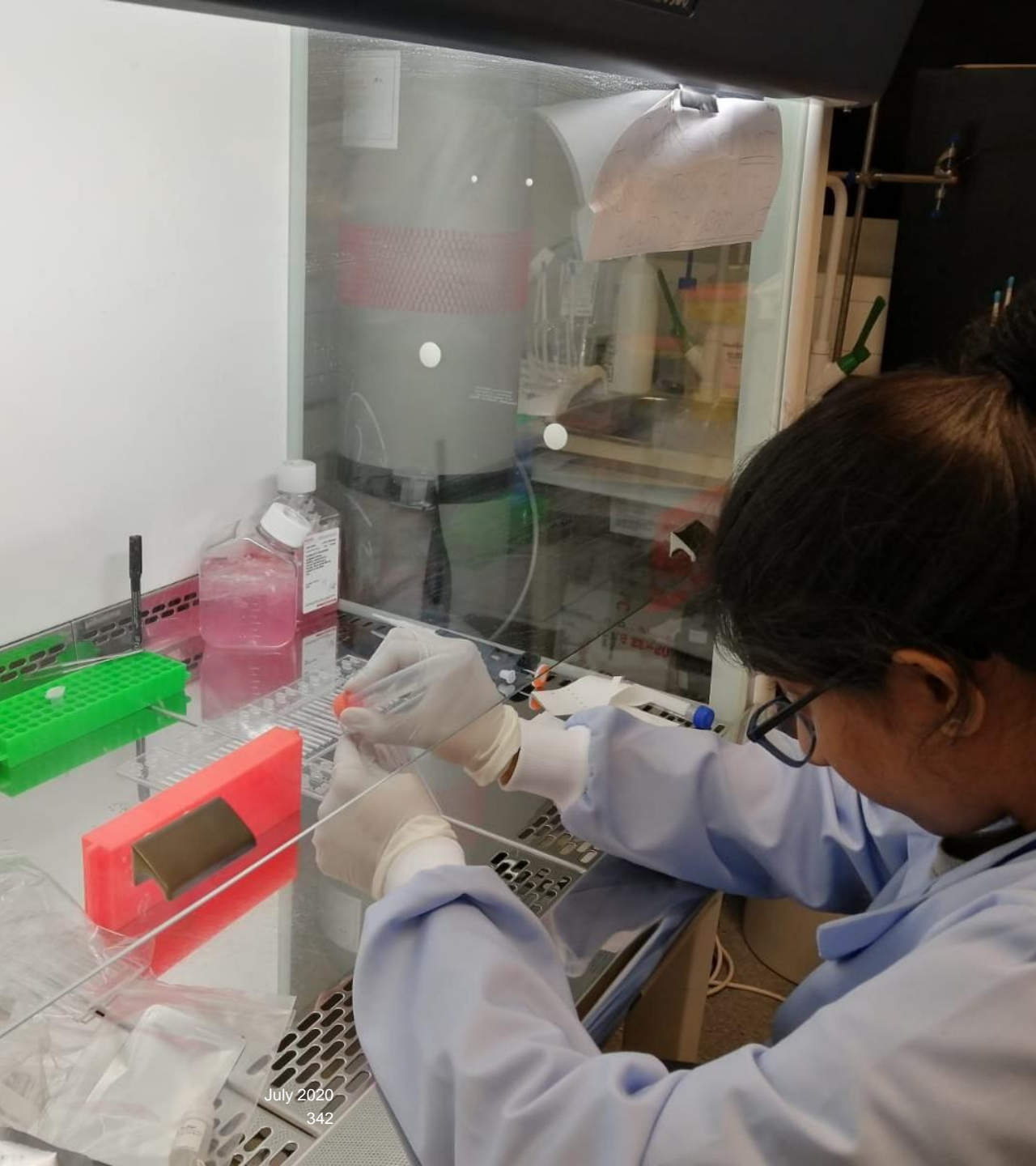
Multi antigen tick vaccine preparation

Feedback

By providing international exposure the training has immensely helped me in improving my personal skills as well as social and research skills.

Satisfaction level of trainee

Excellent



July 2020
342



Marcia Ashmi J

PhD - IVRI, Izatnagar

Training period	02/12/2019 to 02/03/2020 (90 days)
------------------------	------------------------------------

Visiting institute	University of Glasgow, UK
---------------------------	---------------------------

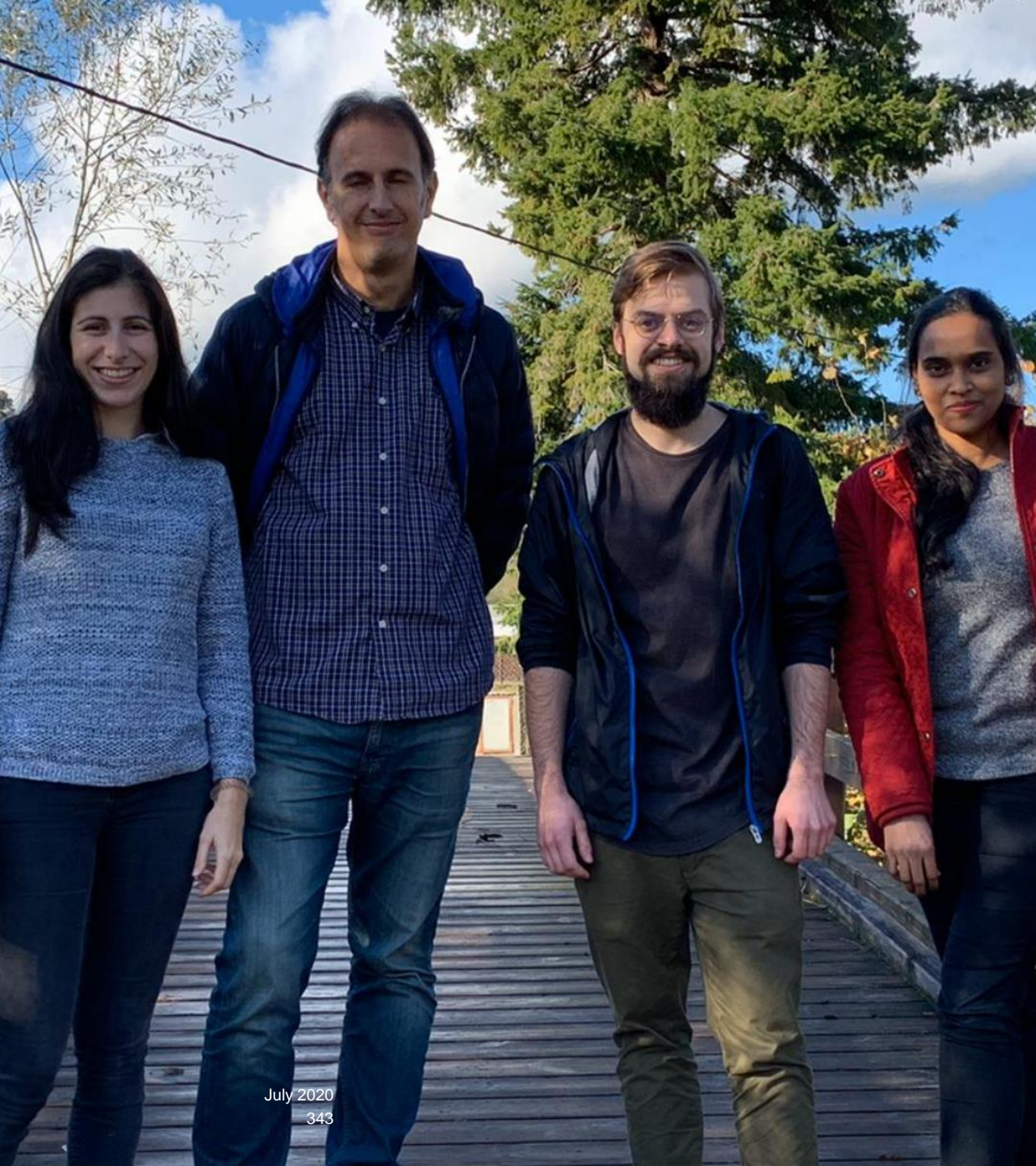
Department	Department of Bioengineering, James Watt School of Engineering
-------------------	--

Thematic area	Advanced diagnostics/Biosensor
----------------------	--------------------------------

Feedback

The three months of overseas training had been a tremendous experience. It provided me a great opportunity to explore the advanced techniques in the area of disease diagnostics. Interaction with other M. Sc., Ph.D., Post Doc research scholars about their ongoing research helped me fine tune my own research. The training has taught me to believe in myself and had pushed me to work harder for the betterment of livestock health. It has given me an opportunity to explore my personality especially in the aspect of working as part of a close knit team. It gave me a profound ability to think out of the box in more than one way.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



July 2020
343



Lahari Laddika

PhD- IVRI, Izatnagar

Training period	13/11/2019 to 8/2/2020 (90 days)
------------------------	----------------------------------

Visiting institute	IPLA, Villaviciosa, SPAIN
---------------------------	---------------------------

Department	Dairy Research Institute of Asturias
-------------------	--------------------------------------

Thematic area	Staphylococcus Aureus Phage Endolysin Expression and Characterisation
----------------------	--

Feedback

I carried out my training with experts and the team members working on a project named " Past, present and future on bacteriophages ". This was a collaborative research with members from many countries. It provided me with unforgettable lesson that planning and exhibiting the work in laboratory is more important for a researcher, this helps in time management and concentration on work.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



July 2020
344



Pruthviraj D R

PhD, IVRI, Izatnagar

Training period	04/11/2019 to 28/01/2020 (85 days)
------------------------	------------------------------------

Visiting institute	The Roslin Institute, The University of Edinburgh, Midlothian, UK
---------------------------	---

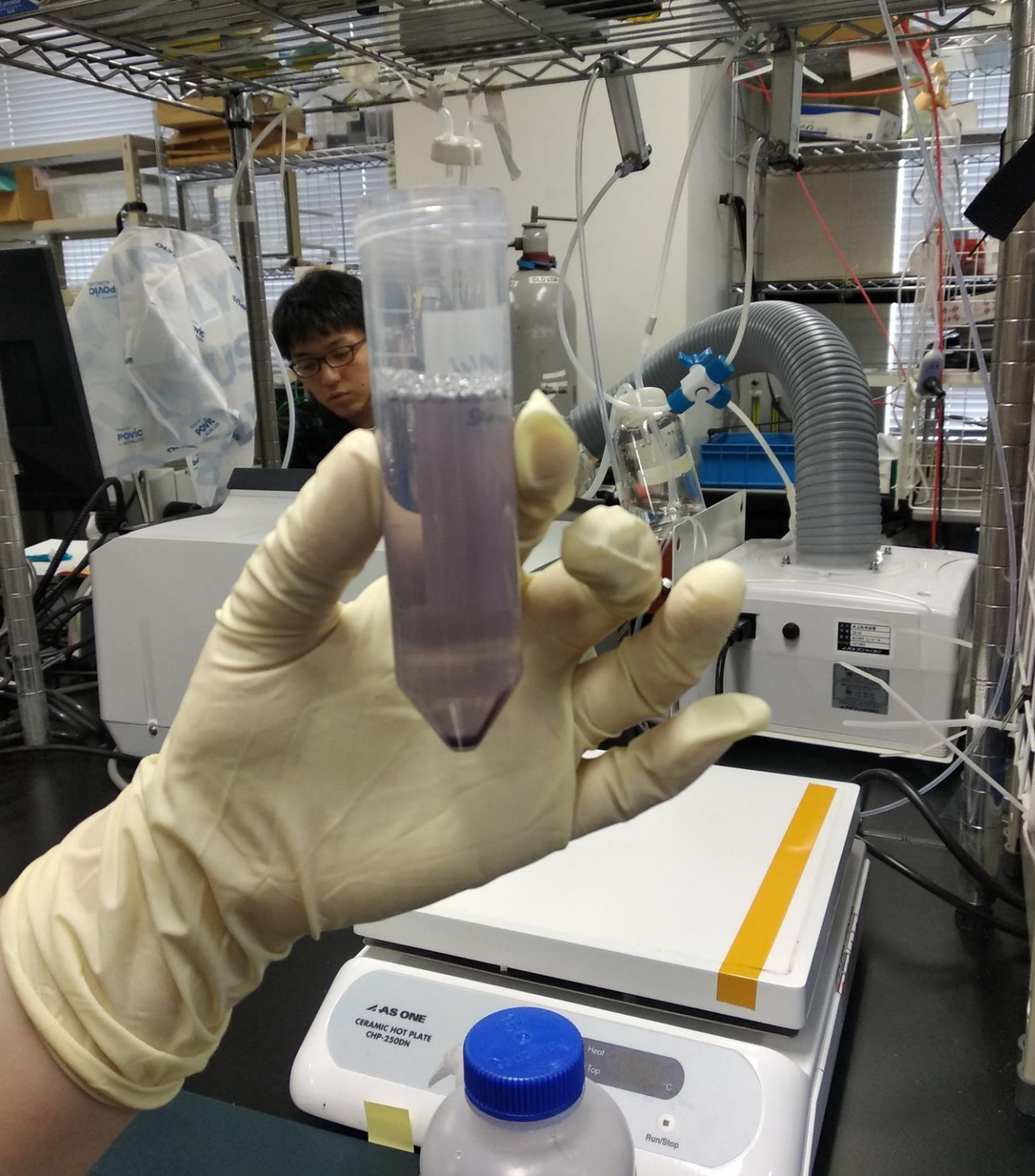
Department	Department of Genomics
-------------------	------------------------

Thematic area	Animal Breeding, Simulation of Breeding Programs
----------------------	--

Feedback

It was a great privilege to visit a world class laboratory where they plan and execute international animal and plant breeding programs. It was good to be a part of Prof. John Hickey's group for a short period of time. One important aspect that I observed during the visit was weekly meeting and presentations of the group. Everyone in the group had to present their work progress with the help of few slides every week in front of the group and most members of the group try to suggest something useful to the presenter. This visit has helped me gain a better view on how the breeding and genomics research is being carried out internationally. I am really grateful to the institute for providing me such a great opportunity.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Mahvash Hira Khan

PG, IVRI, Izatnagar

Training period	28/11/2019 to 11/02/2020 (75 days)
------------------------	------------------------------------

Visiting institute	Graduate school of Information Science and Electrical Engineering Japan, Kyushu University
---------------------------	--

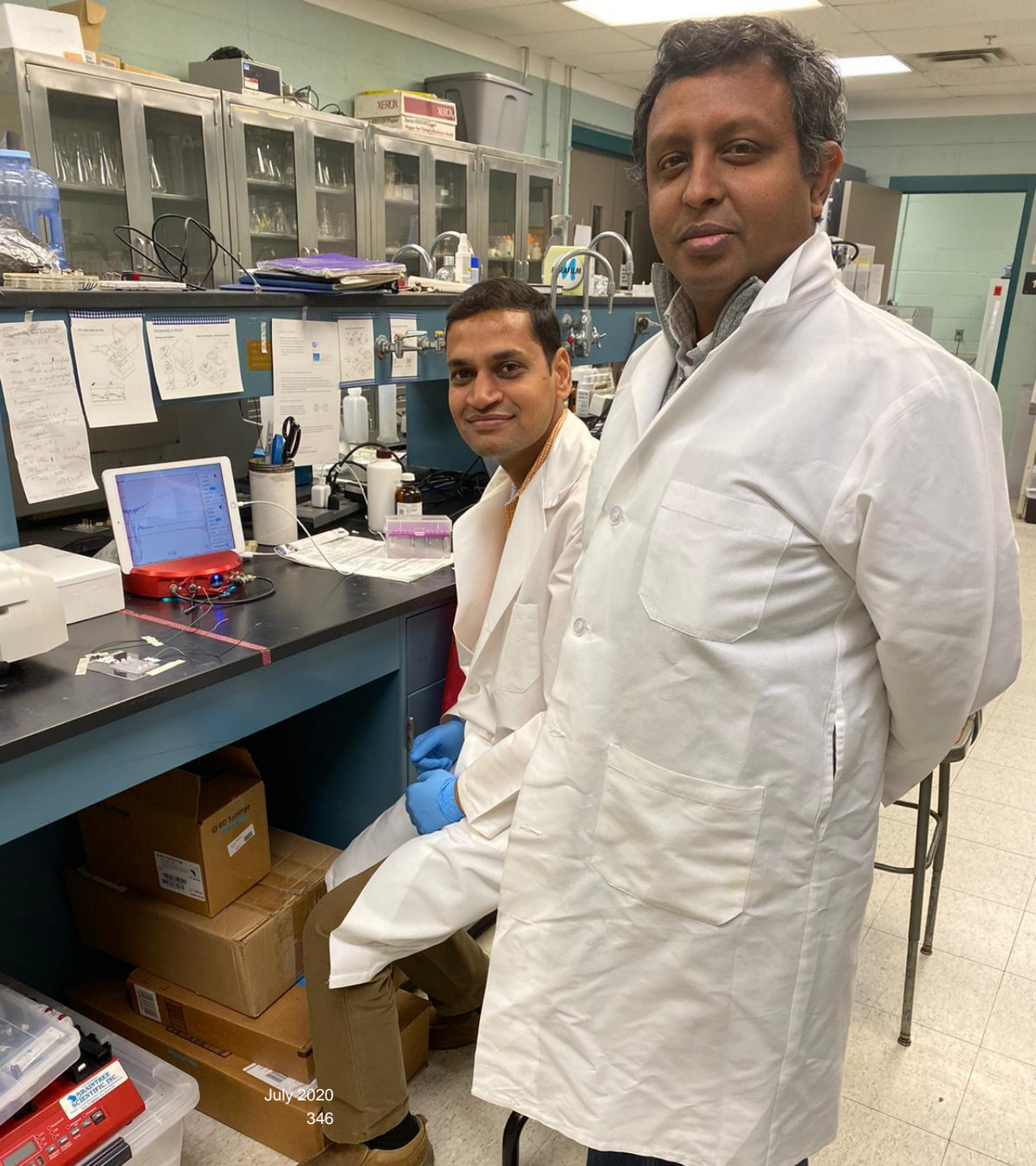
Department	Department of Electronics
-------------------	---------------------------

Thematic area	Fabrication of Gas Sensing Devices and Detection of Gases using LSPR (localised surface plasmon resonance)
----------------------	--

Feedback

The benefits of this external lab visit were many, including a new working atmosphere with new challenges, learning new technologies. Along with it meeting people from different parts of the world and learning new culture which overall helped me gain a lot of self confidence and gave me a new way of thinking towards the lab culture and related research.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



July 2020
346

Anil Gattani



PhD - IVRI, Izatnagar

Training period	15/07/2019 to 15/10/2019 (90 days)
------------------------	------------------------------------

Visiting institute	University of Missouri, Columbia, USA
---------------------------	---------------------------------------

Department	School of Veterinary Medicine
-------------------	-------------------------------

Thematic area	Biosensors
----------------------	------------

Feedback

The overseas student training was to get the knowledge about the electrode fabrication and characterization with special emphasis on low cost methods. During the present overseas training, metal electrodes were fabricated, deposited on the glass and silicon surfaces. After fabrication these electrodes were characterized using the impedance spectroscopy. Besides the photolithography technique for electrode fabrication, a low cost printing technique was also learnt. For the microfluidics preparation used there in their work, the soft etching (oxygen plasma treatment) for PDMS over the silicon and glass surfaces was also learnt. All of these were done for developing the low cost electro-chemical sensors.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------



Richa Pachauri

PhD- IVRI, Izatnagar

Training period 12/11/2019 to 09/03/2020 (120 days)

Visiting institute National Animal Health Institute, Spain

Department Wildlife Disease Research Unit

Thematic area Bait Formulation for pigs to develop oral vaccine against classical swine fever

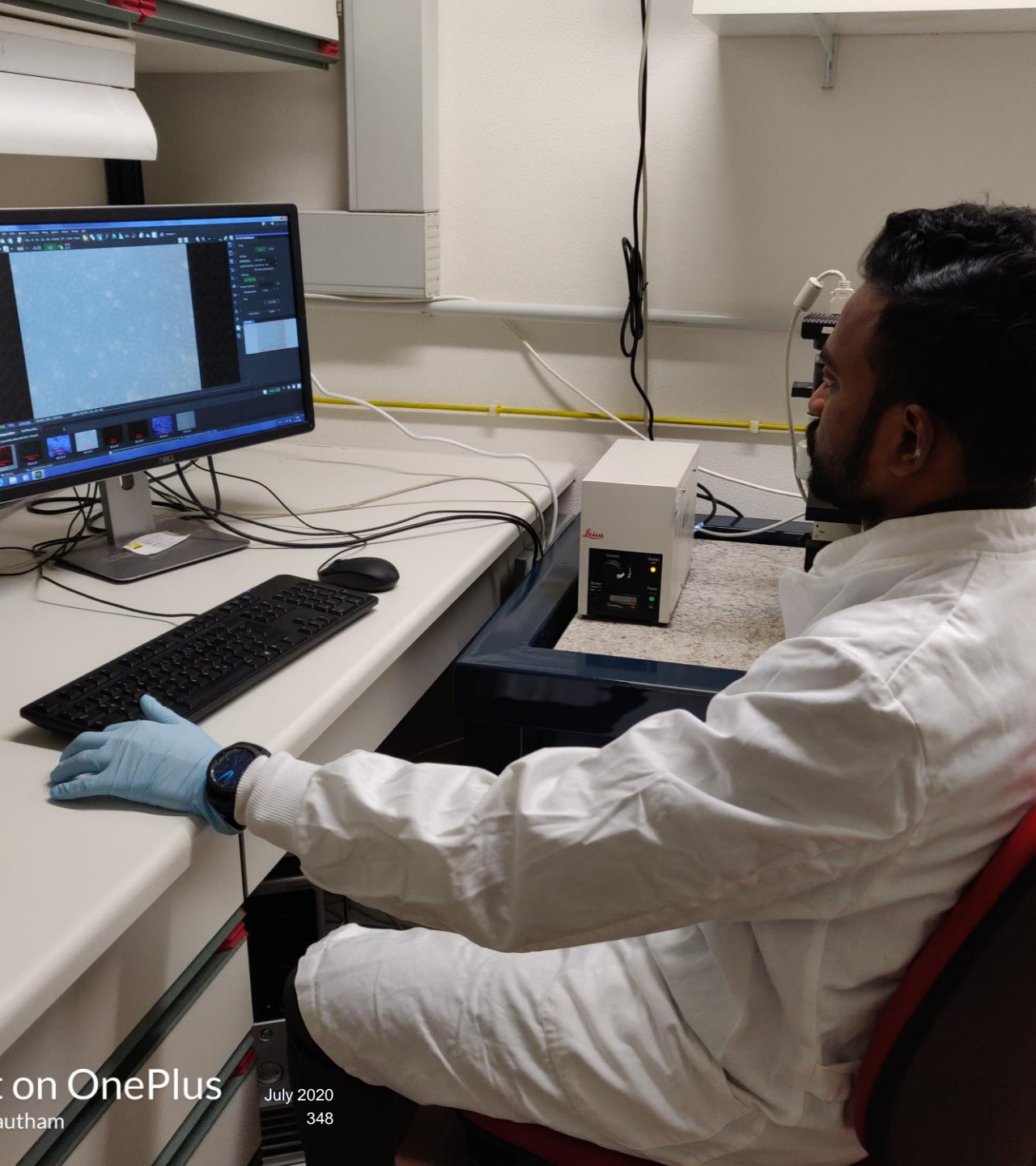
Feedback

The training is undoubtedly useful in providing exposure to the techniques and work culture of any reputed institute abroad. Professional attitude towards work and maintenance of work ethics was admirable. I enriched myself with their work culture and overall knowledge to work with wild pigs in the actual field conditions. This was a golden opportunity for me to work with Dr. Christian Gortazar for three months who has vast experience in field of disease control in wild boars using oral vaccination. My visit to National Animal Health Institute (IREC) is a great experience for me and I would like to thank IVRI and CAAST-ACILH project for giving me this opportunity. Similar trainings would also open up the scope for any future collaborations.

Satisfaction level of trainee Excellent



July 2020
347



Gautham Kolluri

PhD - IVRI, Izatnagar

Training period 28/11/2019 to 11/02/2020 (75 days)

Visiting institute Friedrich Loeffler Institute of Farm Animal And Genetics, Germany

Department Department of Biotechnology

Thematic area Cell Cultures and Genome Editing in Chicken Cell Cultures

Feedback

This overseas training was a very good opportunity for me to explore the advanced techniques in the area of genome editing in chicken. I interacted with other MS.c., Ph.D, Post Doc research scholars and their ongoing research developments. I participated in institute orientation training for one day in which I was exposed to the state-of-the-art germ cells frozen technology. Further, I joined Journal club over here where in each scholar must discuss a recent research manuscript of generalized scientific interest of institute and suggest for necessary improvement. Now I am confident of working and handling a cell culture laboratory and also designing CRISPR experiments in chicken. Apart from professional angle there are also some gains in organising personal life.

Satisfaction level of trainee Excellent



July 2020
349

Santosh Nagappa Ningoji



PhD - UAS, Bangalore

Training period	09/09/2019 to 23/09/2019 (75 days)
Visiting institute	Galilee International Management Institute, Israel
Department	Next Generation Technologies (NGT) in Adaptive Agriculture (AA) Programmes
Thematic area	Irrigated Agriculture in Times of Climate Change

Feedback

As a part of this programme I got an opportunity to attend training programme on irrigated agriculture in Times of Climate Change. The training programme covered demonstrations, lectures and seminars by the experts on sustainable agriculture, irrigation management and waste water reuse. As a part of training we visited following places: Hi-tech protected cultivation of vegetables and fruits, desalinization of sea water and integrated resource management in desert areas, Carmel crops (Hayogev), Arava valley, Jordan valley (An Orchard), M/s Roots for sustainable agricultural technologies (Beit Halevi), and few other locations.

Satisfaction level of trainee	Excellent
--------------------------------------	-----------

During the period I learned the application of cytogenetics, and its analysis in wide hybrids and their progeny. The techniques learned in during the training can be applied in my ongoing research project which is mostly on the wide hybridization

*Mahesh Rao, Faculty (IARI, New Delhi)
Justus Liebig University, Giessen, Germany*



Dr S Rajendra Prasad



Faculty, UAS, Bangalore

Training period 18/08/2019 to 30/08/2019 (12 days)

Visiting institute North Carolina State University, North Carolina, USA Perdue University Nobel Research Institute, Oklahoma, USDA.

Department Research and Academic Collaborations

Thematic area Signing MoU for collaboration in research and education with NCSU

Feedback

A visit was made to North Carolina State University, North Carolina, USA from 19th August to 30th August 2019 to sign the MoU for collaboration in research and education. Laboratory visit was made with Green Life Technologies, North Carolina who are pioneer in patented dsRNA technology for use in pest and disease control. In addition a Visit to Perdue University was made to strengthen the relationship by renewing the MoU. Nobel Research Institute, Oklahoma, USA has advanced facilities in fodder research with cutting edge technologies. The visit to Nobel Foundation was made for placement of students for advanced training. Visit to United State Department of Agriculture was to discuss HRD in biosafety and USDA is ready to train faculty from UASB.

Overall Rating

Excellent





Dr. Nataraja Karaba N

Faculty, UAS, Bangalore

Training period	10/05/2019 to 25/05/2019 (15 days)
------------------------	------------------------------------

Visiting institute	Friedrich-Schiller University (FSU) of Jena, Germany
---------------------------	--

Department	Research and Academic Collaborations
-------------------	--------------------------------------

Thematic area	To establish research collaboration, Exposure visit and discussion meetings for student exchange and collaboration.
----------------------	---

Feedback

A visit was made to establish teaching and research collaboration with the Institute of Plant Physiology, Matthias-Schleiden-Institute, Friedrich-Schiller-University Jena and interact with the Scientists to exchange ideas and look for options for post-graduate student exchange. Approach for collaborative research were established in three different research institutes (FSU, HKI and MPI, Jena Germany). MoU has been signed between UASB and FSU for collaborative activities in skill development and research. Talks and interaction meeting helped to establish collaborative activities on topics of mutual interest.

Overall Rating	Excellent
-----------------------	-----------



Dr S Ramesh

Faculty, UAS, Bangalore

Training period

15/07/2019 to 26/07/2019 (11 days)

Visiting institute

International Maize and Wheat improvement Center (CIMMYT), Texcoco, Mexico

Department

Biometrics and Statistics Unit

Thematic area

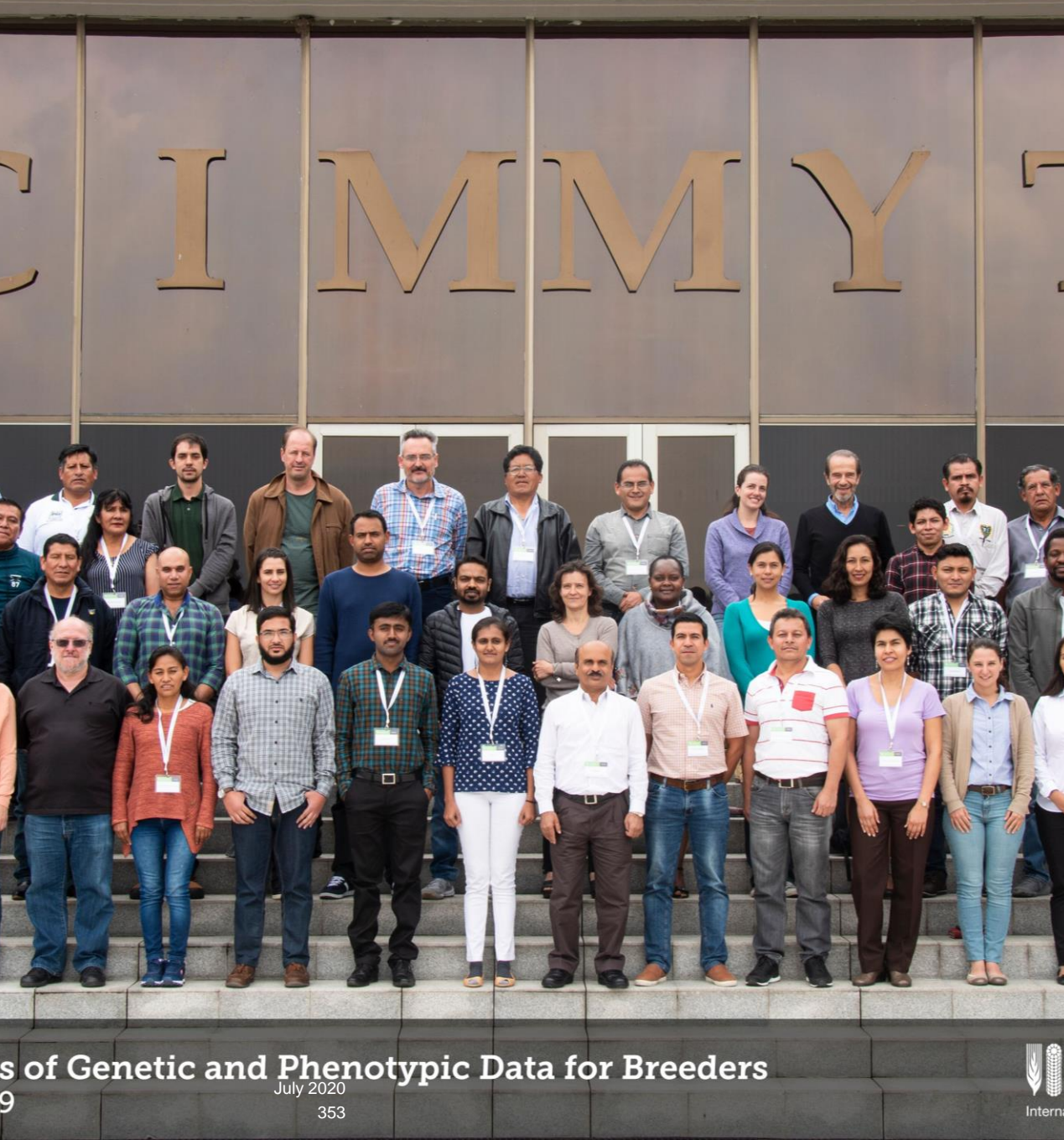
Biometrics and Statistics

Feedback

1. The visit enabled exposure and interaction with the researchers at CIMMYT, a renowned international CGIAR institute.
2. The hands-on-sessions on statistical tools to handle huge phenotypic and genotypic data were informative.
3. Visit to the wheat speed breeding facility and maize research fields exposed us to the technologies operated at CGIAR institute

Overall Rating

Excellent



of Genetic and Phenotypic Data for Breeders

July 2020

353





July 2020
354

Dr. Samiran Bandyopadhyay



Faculty, IVRI, Izatnagar

Training period

09/09/2019 to 16/09/2019 (7 days)

Visiting institute

University of Reading and the Pirbright Institute, UK

Department

Research and Academic Collaborations

Thematic area

One week overseas training (management) under CAAST-ACLH in the specific thrust areas

Feedback

With the support from NAHEP, I visited two academic and research institutes of the United Kingdom - the University of Reading and the Pirbright Institute. I explored the scope of academic and research collaboration of these two institutes with ICAR-IVRI. I also looked for the possibilities where the students of ICAR-IVRI can get the opportunity to interact with the international faculties and student. Being a researcher involved in antimicrobial resistance (AMR), I also tried to find the scope of collaborative academic and research in this specialisation.

Overall Rating

Excellent



Dr. Madhusudan Hosamani



Faculty, IVRI, Izatnagar

Training period	25-07-2019 to 24-08-2019 (30 days)
------------------------	------------------------------------

Visiting institute	Wageningen Bio veterinary Research, Lelystad, Netherlands
---------------------------	---

Department	Department of Virology
-------------------	------------------------

Thematic area	FMD diagnostics (Veterinary virology)
----------------------	---------------------------------------

Feedback

I visited the FMD virus laboratory with biosafety 3 level facility for handling exotic viruses. The visit gave good exposure on safe handling of infectious organism within the biocontainment facility. I got an opportunity to work with team members for optimization of the ELISA, test validation. This Laboratory has a robust serum repository and cataloguing system which was worth emulating in our laboratory. Exchanged knowledge/ideas on developing new ELISA for estimation of NSP antigen in the vaccine batches, this work has been initiated at our laboratory. The short visit also gave an opportunity to validate our in-house developed ELISA in an international lab.

Overall Rating	Excellent
-----------------------	-----------



July 2020
356

Dr. B B Nayak



Faculty, CIFE, Mumbai

Training period	01/10/2019 to 14/10/2019 (13 days)
------------------------	------------------------------------

Visiting institute	Norwegian University of Life Sciences, Oslo
---------------------------	---

Department	Department of Pathology
-------------------	-------------------------

Thematic area	Microbial Path-ecology
----------------------	------------------------

Feedback

I observed sea-lice separation from scale, observed its egg and juvenile form of lice in the lab. These are typical to colder environment. I also observed fish cell lines and learnt maintenance of fish cell lines and their passages for virus propagation. I learnt procedures for RT PCR/ PCR followed for RNA viruses and bacteria from cold water fishes. I visited the Zebrafish recirculatory facility at NMBU. I was apprised about big data management from next generation sequencing, data curing practices and care to be taken (Discussion and relevant manuscript reading). I learnt animal ethic guidelines and observed protocols followed for animal handling and challenges in the wet lab. I learnt about gender sensitiveness, child and family welfare program vis a vis research environment.

Overall Rating	Excellent
-----------------------	-----------



Dr. Shamna N

Faculty, CIFE, Mumbai

Training period 01/04/2019 to 15/05/2019 (44 days)

Visiting institute Aquaculture Research Group (GIA), ECOAQUA, ULPGC, Gran Canaria, Spain

Department Aquaculture Research

Thematic area Evaluation of sperm and reproductive performance, lipid metabolism related gene expression, fatty acid composition of eggs of gilthead sea bream broodstock

Feedback

The training was highly informative and well planned. I was exposed to various techniques related to egg and sperm quality evaluation, basics of nutritional programming and epigenetics.

Overall Rating Excellent





Dr. Seenappa



Faculty, UAS, Bangalore

Training period 10/9/2019 to 23/9/2019 (15 days)

Visiting institute Galilee International Management Institute, Israel

Department Next Generation Technologies (NGT) in Adaptive Agriculture (AA) programmes

Thematic area Irrigated Agriculture in the Times of Climate Change.

Feedback

This training course focused on the sustainable methods to achieve high productivity and food security, while protecting water sources and mitigating land degradation and desertification. The training gave us the opportunity to interact and learn together with professionals from different countries to understand different water management practices and technologies adopted in different countries. The new concepts/ technologies such as high tech horticulture, precision agriculture using micro irrigation, doubled wall protected cultivation for water management were learnt.

Overall Rating

Excellent



Dr Bina Mishra



Faculty, IVRI, Izatnagar

Training period	23/06/2019 to 22/07/2019 (30 days)
------------------------	------------------------------------

Visiting institute	The Pirbright Institute, UK
---------------------------	-----------------------------

Department	Vaccine Differentiation Group
-------------------	-------------------------------

Thematic area	Advance tools/techniques in vaccinology/reverse viral genetics
----------------------	--

Feedback

I took training under CAAST-ACLH project from 23rd June 2019 to 22nd July 2019 at the Pirbright Institute, Woking, Surrey, UK. I have undertaken exposure visit to various laboratories of the Pirbright Institute including the Plowright building and the Jenner building. Different courses were taken up on Q-Pulse Induction Module, safety, environmental and bio-containment etc. I registered in Health safety and Bio-safety induction module, Principles of Health Safety and Bio-safety Risk Assessment, Introduction to Quality assurance, Computer and office safety course, Fire Safety, Health and Safety Essentials, and SAPO4 Containment Access. I learnt various technique related to vaccinology, reverse genetics, con-focal microscopy and Bioplex system etc. Rescue of PPR-GFP virus through reverse genetics approach and NGS platform.

Overall Rating	Excellent
-----------------------	-----------



Dr. Babita Rani

Faculty, CIFE, Mumbai

Training period	18/03/2019-22/03/2019 (4 days)
Visiting institute	Asian institute of technology, Thailand
Department	Aquaculture Research
Thematic area	Exposure Visit

Feedback

I visited various aquaculture farms of various province of Thailand. Visit to Hi tech tilapia hatchery and farm had enhanced the knowledge base regarding advanced breeding technologies, hybridization, selective breeding, rearing, mechanisation at farm level, probiotic usage in a recirculation based system. The visit and interaction at Boonsawang seabass farm apprised on how the seabass farm can be highly productive with strict regulations following best management practices at intensive scale. The visit to the Institute of Marine Sciences, Bangasean University was fruitful as it had enlightened the knowledge on recirculating aquaculture system for rearing of fishes, shrimp, marine ornamental fish breeding and rearing and coral propagation along with live feed aquaculture. The visit to Lombark organic shrimp farm was very useful as the recent technologies like aquamimicry and biofloc technologies are used to culture shrimp at intensive scale.

Overall Rating	Excellent
-----------------------	-----------





Dr. Kumar Aundy

Faculty, IARI, New Delhi

Training period	02/12/2019 to 05/12/2019 (4 days)
------------------------	-----------------------------------

Visiting institute	International symposium on Microbes assisted crop production: mICROPE2019-Vienna, Austria
---------------------------	---

Department	International Symposium
-------------------	-------------------------

Thematic area	Microbiome and Plant Pathology
----------------------	--------------------------------

Feedback

It has provided an excellent meeting ground for me to interact with scientists with diverse backgrounds in microbial ecology, plant pathology, plant-microbe interactions, molecular biology, biochemistry, plant physiology, and bioinformatics. The meeting was organized in seven sessions covering the most important aspects of microbe assisted crop production. I presented a paper on Comparative spermosphere and phyllosphere microbiome of rice reveals core microbiota with antagonistic potential against foliar pathogens. Participation in the symposium not only helped me to interact with leading bacteriologist but also provide an opportunity to present our work to the international audience.

Overall Rating	Excellent
-----------------------	-----------





Dr. Mahesh Rao

Faculty, IARI, New Delhi

Training period	15/04/2019 to 14/06/2019 (60 days)
------------------------	------------------------------------

Visiting institute	Justus Leibig University, Giessen, Germany
---------------------------	--

Department	Department of Plant Breeding
-------------------	------------------------------

Thematic area	Classical & Molecular Plant Cytogenetics
----------------------	--

Feedback

The training was focused on the Advanced cytogenetic tools and techniques in relation to interspecific hybridization and polyploidy for Brassica crop improvement under Dr. Annaliese S Mason. The lab is working in the area of interspecific hybridization and in advanced molecular cytogenetics techniques. During the period I learned the application of cytogenetics starting from mitosis, meiosis to FISH/GISH, and its analysis in wide hybrids and their progeny. The techniques learned in during the training can be applied in my ongoing research project which is mostly on the wide hybridization

Overall Rating	Excellent
-----------------------	-----------



July 2020
162



Dr. Alka Singh

Faculty, IARI, New Delhi



Training period

12/10/2019 to 26/10/2019 (14 days)

Visiting institute

College of Agriculture and Life Sciences, Iowa State University, USA

Department

Seed Science Center,

Thematic area

Training on Global Perspective on Bio-safety, Policy and Regulatory Issues Concerning Agri-bio Technologies in Food Sector

Feedback

With the cross country perspective, I was given exposure to the fact about science-based analysis on the risks and benefits of biotech products . Apart from that, I got an exposure on the development of e-learning resources in niche areas of agricultural sciences at Iowa state university. This invaluable opportunity not only enabled me to look forward to future collaboration but also gain expertise and organize similar facilities in IARI mandated under the NAHEP project.

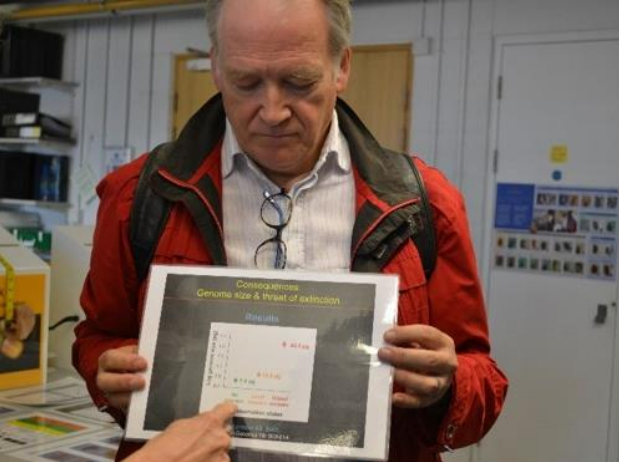
Overall Rating

Excellent



Dr. Veena Gupta

Faculty, IARI, New Delhi



Training period

02/09/2019 to 08/09/2019 (5 days)

Visiting institute

Millennium Seed Bank, United Kingdom

Department

Millennium Seed Bank

Thematic area

Plant Genetic Resources Conservation

Feedback

I got the opportunity to visit the Millennium Seed Bank, which is one of the world's largest and most diverse wild plant species seed collection bank. Visit to Jordell Laboratory, one of the oldest and largest and most important reference collection site with about 800,000 fungi collections and world's largest Herbarium was really an eye-opening experience to the students.

Overall Rating

Excellent



Dr. K Annapurna

Faculty, IARI, New Delhi



July 2020
365

Training period

02/12/2019 to 05/12/2029 (3 days)

Visiting institute

Schloss Schonbrunn, Orangerie,
Apothekertrakt, Austria

Department

International Symposium

Thematic area

Microbe Assisted Crop Production,
Challenges, Opportunities and Needs.

Feedback

The symposium addressed basic and applied aspects of applying beneficial microorganisms in crop production.

Interactions and in depth discussions with scientists carrying out “Microbiome” research was very satisfying and fruitful. Each technical session was well attended and scientific discussions ensued. The meeting also facilitated updating of protocols and analytic methodologies and emerging areas of research in molecular microbial ecology and phytobiomes. The technical session on policies and regulations in microbiome research products was important with the angle of commercialization.

Overall Rating

Excellent

A collage of 15 diamond-shaped photographs arranged on a pink background. The photos depict various scenes: 1. Two men in white lab coats standing in a laboratory. 2. A man in a white lab coat pointing at a piece of equipment. 3. A cow in a laboratory setting. 4. Three men in a hallway, one in a grey hoodie. 5. A man in a white lab coat. 6. A man in a white lab coat. 7. A man in a white lab coat. 8. A man in a white lab coat. 9. A man in a white lab coat. 10. A man in a white lab coat. 11. A man in a white lab coat. 12. A man in a white lab coat. 13. A man in a white lab coat. 14. A man in a white lab coat. 15. A man in a white lab coat.

Innovation Grants (IG)

In last two years of implementation, IG has awarded the sub-projects to 24 AUs spread across 14 states. Total budget outlay of the component is USD 30.8 Mn (INR ~198 Crores).

Under IG, projects have been awarded to select participating AUs to attain accreditation. Reform ready AUs mentoring the non-accredited AUs is also part of this component. The Education Division, ICAR uses the voluntary accreditation process as a determinant of AU reform readiness.

ICAR awards accreditation at three levels – university, college, and program – and bases its decision to accredit a given AU on three sources of evidence:

- (a) AU self-examination;
- (b) institutional peer review; and
- (c) final decision by the ICAR Accreditation Board. NAHEP supports AUs in their efforts to attain accreditation through this subcomponent.

International training sponsored under IG would support in establishing linkages with international institutes, improving AUs’ effectiveness, improve leadership qualities and provided quality and relevance in agricultural higher education. This would support in attaining ICAR accreditation and work towards sustaining accreditation.



Faculties
trained

Category	Gender Distribution		Total
Faculty	85%	15%	34

Male Female



Number of subject areas covered during the international training

16



Number of countries covered during the international training

11



Number of host institutes trained students and faculties

16



Number of AUs sent students and faculties for international training

6



Training helped me in understanding the recent trends of research in Bioscience and Biotechnology related aspects of environmental pollution management using microbes, Enzyme improvement, Bioplastics.

*Dama Ram, Faculty (AU-Jodhpur)
International Conference on Bioscience and Biotechnology, Malaysia*



Dr. Vikash Pawariya



Faculty, AU, Jodhpur

Training period	18/03/2019 to 23/03/2019 (5 Days)
------------------------	-----------------------------------

Visiting institute	ICARDA, Morocco
---------------------------	-----------------

Department	Department of Crop Sciences
-------------------	-----------------------------

Thematic area	Conservation Agriculture and Innovations for Rainfed/Drylands
----------------------	---

Feedback

The training course helped me to understand the importance of conservation agriculture in respect of crop management, disease management and breeding of important cereals and pulses for dryland rainfed, socio- Economic constraints in adoption. The training also helped me to learn about the important pillars of conservation agriculture which are (1) continuous minimum mechanical disturbance of the soil, (2) permanent organic cover on the soil surface and (3) diversified crop rotation of annual crops and plant associations. In this training I learned that conservation agriculture provides small-scale farmers with diversification opportunities, it helps lower farm power and reduces labour and it also helps fight climate change.

Overall Rating	Excellent
-----------------------	-----------



Dr. Man Mohan Sundria



Faculty, AU, Jodhpur

Training period	04/03/2019 to 08/03/2019 (5 Days)
------------------------	-----------------------------------

Visiting institute	World Vegetable Center, Shenhua, Taiwan
---------------------------	---

Department	Vegetable Sciences
-------------------	--------------------

Thematic area	IPM and Other Technologies for Management of Crucifer Pests
----------------------	---

Feedback

This conference was based on IPM and other technologies for management of crucifer pests. Many scientists have addressed various global issues on Integrated Pest Management (IPM) technologies and climate-smart agriculture (CSA) techniques for sustainable pest management. The conference also helped me in understanding the recent trends of research in pest management and other aspects of pest environment etc. These studies have great scientific implications and utility considering various global issues.

Overall Rating	Excellent
-----------------------	-----------



July 2020
371

Dr. Dinesh Kumar



Faculty, AU, Jodhpur

Training period

10/03/2019 - 13/03/2019 (4 Days)

Visiting institute

International Conference on Applied Analysis and Mathematical Modelling, 2019, Istanbul Gilliam University, Istanbul, Turkey

Department

Department of Mathematics

Thematic area

Applied Mathematics

Feedback

I sincerely acknowledge the Agriculture University Jodhpur and Nodel officer, NAHEP for facilitating my visit to Istanbul, TURKEY, in order to enable me to participate and oral presentation at conference . I also acknowledge the financial support provided by NAHEP for sponsoring my travel to Istanbul, TURKEY so as to participate in this mega event with great researchers. Based on the interactions, special sessions, and paper presentation in ICAAMM19 conference, efforts will be made to develop new mathematical models for real world problems.

Overall Rating

Excellent



Dr. Rahul Bhardwaj



Faculty, AU, Jodhpur

Training period 18/03/2019 to 23/03/2019 (5 Days)

Visiting institute ICARDA, Rabat, Morocco

Department Department of Crop Sciences

Thematic area Conservation agriculture and agricultural innovations for Rainfed Drylands

Feedback

The training course on "Conservation agriculture and agricultural innovations for rainfed drylands" organized by ICARDA at Rabat, Morocco from 18-23 March was really helpful. The knowledge provided under this programme through vary informative lectures and field visit was outstanding and according to the present scenario and future needs. This information will necessary help us to form breeding programmes in the upcoming years and will pay towards the overall development of agriculture specially in the western part of the state. I acknowledge my sincere thanks to ICARDA, NAHEP and AU, Jodhpur for organizing such an informative training course and giving me opportunity to attend the same.

Overall Rating

Excellent

Dr. Neelam Geat



Faculty, AU, Jodhpur

Training period	18/03/2019 to 23/03/2019 (5 Days)
------------------------	-----------------------------------

Visiting institute	ICARDA, Rabat, Morocco
---------------------------	------------------------

Department	Department of Crop Sciences
-------------------	-----------------------------

Thematic area	Conservation Agriculture and Agricultural Innovations for Rainfed Dryland
----------------------	---

Feedback

This training will help me to learn about the important pillars of conservation agriculture which are (1) continuous minimum mechanical disturbance of the soil, (2) permanent organic cover on the soil surface and (3) diversified crop rotation of annual crops and plant associations. Under this training I learned that conservation agriculture provides small-scale farmers with diversification opportunities, it helps lower farm power and reduces labour and it also helps fight climate change. The training course helped me to understand the importance of conservation agriculture in respect of crop management, disease management and breeding of important cereals and pulses for dryland rainfed, socio-economic constraints in adoption.

Overall Rating	Excellent
-----------------------	-----------





July 2020
374

Dr. Motilal Mehriya



Faculty, AU, Jodhpur

Training period

18/03/2019 to 23/03/2019 (5 Days)

Visiting institute

ICARDA, Rabat, Morocco

Department

Department of Crop Sciences

Thematic area

Conservation Agriculture and Agricultural Innovations for Rainfed Dryland

Feedback

The training course was very helpful to understand the importance of conservation agriculture in respect of crop management in terms of resource conservation of important cereals and pulses for dryland rainfed, socio- Economic constraints in adoption. Conservation agriculture provides small-scale farmers with diversification opportunities, it helps lower farm power and reduces labour and it also helps fight climate change. This will also lead to potential collaborations between the research institutes of global repute. Overall training was very knowledgeable for me.

Overall Rating

Excellent

IRC 2019
INTERNATIONAL RESEARCH CONFERENCE
CERTIFICATE OF ATTENDANCE AND PRESENTATION

This certificate is awarded to
SUPRIYA AMBAWAT
for her technical presentation, recognition and appreciation of
contributions to ICGEB 2019 : International Conference on
Genetic Engineering and Biotechnology

Biotechnological Interventions for Crop Improvement in Nutricereal Pearl Millet
Ambawat, Subaran Singh, Ummed Singh, C. Tara Satyavathi, B. S. Rajpurohit,



MAI

Training period

28/03/2019 to 29/03/2019 (2 days)

Visiting institute

International Conference- Singapore

Department

Genetic Engineering and Biotechnology

Thematic area

21st International Conference on Genetic Engineering and Biotechnology (ICGEB-2019)

Feedback

It was a good experience to learn and get exposure of latest technologies used in area of genetic engineering through this conference which can help us to implement these in different areas which may ultimately lead to new developments and help humanity to uplift the world. Moreover, I got an excellent opportunity to chair a session and also got best oral presentation award. Thus, it was a very good opportunity to get various experiences and exposure of abroad visit. I would like to thank Agriculture University, Jodhpur to provide this opportunity to me and NAHEP for the financial assistance.

Overall Rating

Excellent



Dr. Dama Ram



Faculty, AU, Jodhpur

Training period	21/02/2019 to 22/02/2019 (2 days)
Visiting institute	Malaysia, The International Institute of Knowledge Management, Shri Lanka
Department	Department of Crop Sciences
Thematic area	Pursuing Innovation in Bio science and Biotechnology to solve local and global Grand Challenges

Feedback

I attended the conference and deliberations addressed various global issues of Pollution (Land, water and air pollution caused by industrial and human activities and remedial aspects), health problems, sustainable agriculture under biotic and abiotic stresses, and nutritional security with hidden hunger. Bio Science Biotechnology is most important for its implications in health and medicine through biological and genetic engineering processes. The conference also helped me in understanding the recent trends of research in Bioscience and Biotechnology related aspects of environmental pollution management using microbes, Enzyme improvement, Bioplastics, Molecular marker for disease resistance in plants, Role of MicroRNA under abiotic stresses in plants and crop improvement, Potential of Endophytes and options for mitigating hidden hunger etc.

Overall Rating	Excellent
----------------	-----------



Dr. Jeewaram Verma



Faculty, AU, Jodhpur

Training period	18/03/2019 to 23/03/2019 (5 Days)
Visiting institute	ICARDA, Rabat, Morocco
Department	Department of Crop Sciences
Thematic area	Conservation agriculture and agricultural innovations for dry land

Feedback

The training on Conservation agriculture and agricultural innovations for rainfed dryland was to bring together leading academic scientists and researchers to exchange and share their experiences and research results on all aspects of Conservation Agriculture and Sustainable Intensification. It also provided first-hand knowledge and an interdisciplinary platform to trainees to discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Conservation Agriculture and Sustainable Intensification . The training course was very helpful to understand the importance of conservation agriculture in respect of crop management, disease management and breeding of important cereals and pulses for dryland rainfed, socio-Economic constraints in adoption.

Overall Rating

Excellent

Colorado State University, Fort Collins, Colorado, Dr. Ummed Singh



Faculty, AU, Jodhpur



Training period	19/02/2019 to 08/03/2019 (17 days)
------------------------	------------------------------------

Visiting institute	Colorado State University, Fort Collins, Colorado, USA
---------------------------	--

Department	Department of Soil and Crop Sciences
-------------------	--------------------------------------

Thematic area	Education for Smart Agriculture. Objective: 1. To get acquainted about smart education and academics 2. Hands-on laboratory on Precision Agriculture
----------------------	--

Feedback

I availed International training at CSU, Colorado and was helpful in getting exposure about smart education and precision agriculture. Got acquaintance on smart classrooms, smart education, library, laboratories, experimental research farms and other international facilities. The advances in smart education and Precision Agriculture was remarkable and future of Agriculture education and research.

Overall Rating	Excellent
-----------------------	-----------



July 2020
378



Dr. Richa Sachan



Faculty, AU, Jodhpur

Training period	18/03/2019 to 23/03/2019 (17 days)
Visiting institute	ICARDA, Rabat, Morocco
Department	Department of Soil and Crop Sciences
Thematic area	Conservation Agriculture and Agricultural Innovations for Rainfed Drylands

Feedback

The training helped me to understand the importance of conservation agriculture in respect of crop management, disease management and breeding of important cereals and pulses for dryland rainfed, socio- Economic constraints in adoption. This also helped me to learn about the important pillars of conservation agriculture which are (1) continuous minimum mechanical disturbance of the soil, (2) permanent organic cover on the soil surface and (3) diversified crop rotation of annual crops and plant associations. Under this training I learned that conservation agriculture provides small-scale farmers with diversification opportunities, it helps lower farm power and reduces labour and it also helps fight climate change.

Overall Rating	Excellent
-----------------------	-----------



Dr. Madan Mohan Kumawat

Faculty, AU, Jodhpur

Training period	04/03/2019 to 08/03/2019 (5 days)
Visiting institute	World Vegetable Center, Shanhua, Tainan, Taiwan
Department	Department of Crop Sciences
Thematic area	8th International Conference on Management of diamondback moth and other crucifer insect pests.

Feedback

Small-scale farmers are battling to cope with increasing pressure from the pest due to limited exposure to sustainable control options. Dependency on broad-spectrum insecticides, the absence of insecticide resistance management strategies, climate change, little research attention, poor regional research collaboration and coordination, and lack of clear policy support frameworks, are the core limitations to effective DBM management. Advances in Integrated Pest Management (IPM) technologies and climate-smart agriculture (CSA) techniques for sustainable pest management have not benefitted small-scale horticultural farmers despite the farmers high vulnerability to crop losses due to pest attack.

Overall Rating

Excellent



Dr. Piyush Pradhan



Faculty, AU, Jodhpur

Training period

19/03/2019 to 20/03/2019 (2 days)

Visiting institute

Putrajaya, Malaysia, International Society for Engineers and Researchers

Department

International Conference

Thematic area

Agricultural and Biological Science

Feedback

The international conference at Putrajaya, Malaysia was very informative regarding scientific knowledge and research activities. The major areas was covered with the technology going on agriculture mechanization, precision Farming, conservation agriculture, breakfast skipping habit effect, pam residues composting. The scientific utility of this visit revolves around important pillars of actions viz., Current scenario on agriculture development, the future need of agriculture technology, precision farming and soil conservation practices for agriculture soil health management

Overall Rating

Excellent



Dr. Kaushalendra Kumar



Faculty, BASU, Patna

Training period	27/02/2020 to 05/06/2020 (100 days)
Visiting institute	New Zealand, Research Limited, Grassland Research Centre, Palmerston North
Department	Department of Animal Nutrition & Physiology
Thematic area	Ruminant Nutrition and Climate Change
Feedback	

I was deputed for international training at University of Florida, Gainesville, USA. During my stay at University of Florida, I learnt various techniques used in the Ruminant Nutrition. I was associated with a project entitled Evaluating the efficacy of probiotics in improving production performance in lactating dairy cows in which I learnt various laboratory protocols including estimation of ammonia-nitrogen, starch and fiber analysis, estimation of volatile fatty acids from rumen contents using high-performance liquid chromatography, and forage conservation experiments. I visited Dairy Research Unit and observed feeding advancement in management and feeding practices. I invested time in silage experimentation unit of University of Florida and learnt advancement in silage preparation. I am working as a member in a meta-analysis project on effect of silage on milk production

Overall Rating	Excellent
-----------------------	-----------



Dr. Purushottam kaushik



Faculty, AU, Jodhpur

Training period

6/03/2020 to 27/05/2020 (82 days)

Visiting institute

College of veterinary sciences, university of Florida, USA

Department

Department of infectious diseases and immunology

Thematic area

Infectious diseases

Feedback

The department has excellent infrastructure for research and teaching in the college will faculties from around the world. It was a wonderful experience to visit university of Florida and interaction with the eminent faculties. We explored various research area on the field of veterinary sciences. Overall it was a great opportunity and experience to visit UF.

Overall Rating

Excellent



Dr. Pankaj Kumar Singh



Faculty, AU, Jodhpur

Training period	06/03/2020 to 15/05/2020
Visiting institute	University of Florida, Institute of Food and Agriculture, USA
Department	Department of Animal Sciences
Thematic area	Learning of various techniques used in the Ruminant Nutrition for improving dairy production

Feedback

I was deputed for international training at University of Florida, Gainesville, USA. During my stay at University of Florida, I learnt various techniques used in the Ruminant Nutrition. I was associated with a project entitled Evaluating the efficacy of probiotics in improving production performance in lactating dairy cows in which I learnt various laboratory protocols including estimation of ammonia-nitrogen, starch and fiber analysis, estimation of volatile fatty acids from rumen contents using high-performance liquid chromatography, and forage conservation experiments. I visited Dairy Research Unit and observed feeding advancement in management and feeding practices. I invested time in silage experimentation unit of University of Florida and learnt advancement in silage preparation. I am working as a member in a meta-analysis project on effect of silage on milk production.

Overall Rating	Excellent
-----------------------	-----------



Dr. V. M. Bhale



Faculty, Dr. PDKV, Akola

Training period

16/06/2019 to 22/06/2019 (6 days)

Visiting institute

Japan & Tokyo University, Japan & Tuksi Consultancy Services Pvt. Ltd.

Department

NPO Solar Water Green Project

Thematic area

Japan Agricultural & Education Exchange Program

Feedback

As a part of institutional knowledge shearing and international collaboration with the Japanese Institution, this international training has created opportunities for the bilateral platform to work together. This training helps in building the co-operation in agriculture and renewable energy education between Japan and India.

Overall Rating

Excellent

Dr. S. R. Kalbande



Faculty, Dr. PDKV, Akola



Training period

16/06/2019 to 22/06/2019 (6 days)

Visiting institute

Japan & Tokyo University, Japan & Tuksi Consultancy Services Pvt. Ltd.

Department

NPO Solar Water Green Project

Thematic area

Japan Agricultural & Education Exchange Program

Feedback

This program is organized to upgrade skill and developed capacity of teachers to inculcate about upcoming opportunities in Agriculture, Technology, Culture, Management, Education & Bossiness, Solar energy technologies. This program build the confidence among the faculties regarding international co-operation in renewable energy and agriculture education .

Overall Rating

Excellent

Dr. V. P. Khambalkar



Faculty, Dr. PDKV, Akola



Training period

16/06/2019 to 22/06/2019 (6 days)

Visiting institute

Japan & Tokyo University, Japan & Tuksi Consultancy Services Pvt. Ltd.

Department

NPO Solar Water Green Project

Thematic area

Japan Agricultural & Education Exchange Program

Feedback

This program is organized for to upgrade the skills and capacity enhancement of faculties on future opportunities in Agriculture, technology, culture, management, education, business and solar energy technologies. This program was very beneficial to build confidence among faculties regarding international co-operation in Agriculture education and Renewable energy.

Overall Rating

Excellent



July 2020
388

Dr Kunal Kumar Ahuja



Faculty, Kamdhenu University, Gandhinagar

Training period	01/12/2019 to 08/12/2019 (8 days)
Visiting institute	Kold College, Landbrugsvej, Odense, Denmark
Department	Department of Dairy Sciences
Thematic area	Short Term Dairy Course on Probiotics and Dairy Products

Feedback

The training was focused on the production technology of fermented milk products, critical parameters in production of fermented milk products, probiotics in dairy products, recombination using functional milk proteins and theory and practical sessions for ice-cream and probiotic yoghurt making. During the training visit to dairy ingredient supplier Palsgaard Head office was also organized. Visit to Dairy Education Division of Copenhagen University was also organized during which meeting was arranged with Professor Richard Ipsen of Dairy, Meat and Plant Products Technology. The short term dairy course was helpful to learn about theoretical, practical aspects on production of probiotics and ice-cream.

Overall Rating

Excellent



July 2020
389

Dr. Vimal M. Ramani



Faculty, Kamdhenu University, Gandhinagar

Training period	01/12/2019 to 08/12/2019 (8 days)
Visiting institute	Kold College, Landbrugsvej, Odense, Denmark
Department	Department of Dairy Sciences
Thematic area	Short Term Dairy Course on Probiotics and Dairy Products

Feedback

Attended Short Term Dairy Course on Probiotics and Dairy Products at Kold College, Landbrugsvej-55, Odense, Denmark during 1st December, 2019 to 8th December, 2019. The course was focused on the production technology of fermented milk products, critical parameters in production of fermented milk products, probiotics in dairy products, recombination using functional milk proteins and theory and practical sessions for ice-cream and probiotic yoghurt making. During the training visit to dairy ingredient supplier Palsgaard Head office was also organized. Visit to Dairy Education Division of Copenhagen University was also organized during which meeting was arranged with Professor Richard Ipsen of Dairy, Meat and Plant Products Technology. The short term dairy course was helpful to learn about theoretical, practical aspects on production of probiotics and ice-cream.

Overall Rating

Excellent



Dr. G. Rathinasabapathy



Faculty, PJTSAU, Hyderabad

Training period	03/06/2019 to 18/06/2019 (15 days)
------------------------	------------------------------------

Visiting institute	Canada, University of Victoria, Electronic Textual Cultures Lab; Commonwealth of Learning, Vancouver; Digital Scholarship Unit, University of Toronto Scarborough
---------------------------	---

Department	Digital Scholarship Unit
-------------------	--------------------------

Thematic area	Digital Humanities Summer Institute 2019 - Imparting of hands on training on Digitization techniques
----------------------	--

Feedback

The training and short visit have provided an ideal environment for learning about new computing technologies and how they are influencing teaching, research, dissemination, creation, and preservation in different disciplines, via a community-based approach. It also gave the exposure about the Digitisation Fundamentals and their Application and Creating LAMP Infrastructure for Digital projects and MOOCs (Massive Online Open Contents) technologies in the area of Knowledge management. The training programme has provided me an opportunity to interact with the experts working at University of Victoria, Canada, Commonwealth of Learning (COL), Canada & Digital Scholarship Unit, University of Toronto.

Overall Rating	Excellent
-----------------------	-----------



July 2020
391

Dr. Amrender Kumar



Faculty, PJTSAU, Hyderabad

Training period 03/06/2019 to 18/06/2019 (15 days)

Visiting institute

Canada, University of Victoria, Electronic Textual Cultures Lab; Commonwealth of Learning, Vancouver; Digital Scholarship Unit, University of Toronto Scarborough

Department

Digital Scholarship Unit

Thematic area

Digital Humanities Summer Institute 2019 - Imparting of hands on training on Digitization techniques

Feedback

This training provided in-depth knowledge and environment for new computing technologies and how they are influencing teaching, research, dissemination, creation, and preservation in different disciplines, via a community-based approach in the digital platform. On the basis of discussions and working experience at Victoria Electronic Textual Cultures Laboratory, University of Victoria, Canada, the refinements in the computing technologies or techniques on information security for digital researchers & Linux-Apache-MySQL-PHP, or LAMP, Web development framework which will be attempted for strengthening the digital repository in current project entitled National Knowledge Management Centre for Agriculture Education and Research under IG of NAHEP.

Overall Rating

Excellent



Dr K N Kandpal



Faculty, PJTSAU, Hyderabad

Training period	03/06/2019 to 18/06/2019 (15 days)
Visiting institute	Canada, University of Victoria, Electronic Textual Cultures Lab; Commonwealth of Learning, Vancouver; Digital Scholarship Unit, University of Toronto Scarborough
Department	Digital Scholarship Unit
Thematic area	Digital Humanities Summer Institute 2019 - Imparting of hands on training on Digitization techniques
Feedback	
<p>The training programme has provided me an opportunity to interact with the experts working at University of Victoria, Canada, Commonwealth of Learning (COL), Kingsway Burnaby BC, Canada & Scarborough Library's Digital Scholarship Unit, University of Toronto, Canada, working globally on similar aspects and thus an international vision on the problems and their solutions has widened the canvas of ideas which would be helpful in refining the methodologies already developed under the project.</p>	
Overall Rating	Excellent



Dr. K. Veeranjanyulu



Faculty, PJTSAU, Hyderabad

Training period 03/06/2019 to 18/06/2019 (15 days)

Visiting institute

Canada, University of Victoria, Electronic Textual Cultures Lab; Commonwealth of Learning, Vancouver; Digital Scholarship Unit, University of Toronto Scarborough

Department

Digital Scholarship Unit

Thematic area

Digital Humanities Summer Institute 2019 - Imparting of hands on training on Digitization techniques

Feedback

The training at Digital Humanities Summer Institute (DHSI), Electronic Textual Cultures Laboratory (ETCL), University of Victoria, Canada and short visit at Commonwealth of Learning (COL), Kingsway Burnaby BC, Canada & Scarborough Library Digital Scholarship Unit, University of Toronto, Toronto, Canada, has provided an ideal environment for learning about new computing technologies and how they are influencing teaching, research, dissemination, creation, and preservation in different disciplines, via a community-based approach.

Overall Rating

Excellent



July 2020
394

Dr. A.V.N. Siva Kumar



Faculty, SVVU, Tirupati

Training period	15/04/2019 to 31/05/2019 (46 days)
------------------------	------------------------------------

Visiting institute	Penn state university, USA
---------------------------	----------------------------

Department	Department of Virology
-------------------	------------------------

Thematic area	Veterinary Microbiology, Advances in Animal Disease Diagnostics
----------------------	---

Feedback	
-----------------	--

Filled the gaps in the knowledge on latest techniques being followed in the Penn state University. Received hands on training on advanced molecular techniques like next generation sequencing. Learnt the techniques for handling of virus through visiting the BSL 4 lab at Pen state University

Overall Rating	Excellent
-----------------------	-----------

Dr. V. Vaikunta Rao



Faculty, SVVU, Tirupati

Training period

02/04/2019 to 16/04/2019 (14 days)

Visiting institute

College of Veterinary Medicine, University of Georgia, Athens, Europe.

Department

Veterinary Cardiology

Thematic area

Clinical training on Veterinary Cardiology

Feedback

This is an excellent opportunity for learning Innovative techniques in Veterinary Cardiology

Overall Rating

Excellent





July 2020
396

Dr. Subash C Bose Gopalam

Faculty, SVVU, Tirupati

Training period	18/06/2019 to 14/08/2019 (57 days)
------------------------	------------------------------------

Visiting institute	Kansas State University, USA
---------------------------	------------------------------

Department	Plant breeding and Genetics
-------------------	-----------------------------

Thematic area	Plant breeding and Genetics
----------------------	-----------------------------

Feedback

I learnt the wheat double haploid processes which includes vernalisation, haploid transplantation, emasculation, 2-4 D as a growth hormone spraying on the emasculated panicles, embryo rescue techniques, harvesting, threshing, seed packing, root dipping in to the colchicine, and microspore culture etc. I, cleared burning doubts on the topics of principles of plant breeding, molecular genetics, site specific trait expression, cytology, evolution and origin of many crop species includes black sorghum, triticale and cotton, cell biology, linkage and recombination, dominance and co-dominance, bulbosum methods, microsatellites, mitosis and meiosis.

Overall Rating	Excellent
-----------------------	-----------



July 2020
397

Dr. Vukka Chengalva Rayulu

Faculty, SVVU, Tirupati

Training period	15/04/2019 to 31/05/2019 (46 days)
------------------------	------------------------------------

Visiting institute	Penn state university, USA
---------------------------	----------------------------

Department	Department of Virology
-------------------	------------------------

Thematic area	Veterinary Microbiology, Advances in Animal Disease Diagnostics
----------------------	---

Feedback	
-----------------	--

Place and Duration of Training: Animal Diagnostic Lab (ADL), Department of Veterinary and Biomedical sciences, Pennsylvania State University, USA from 15.04.2019 to 30.04.2019

Overall Rating	Excellent
-----------------------	-----------



Dr. Vinod Kumar Nagaram



Faculty, SVVU, Tirupati

Training period

15/04/2019 to 31/05/2019 (46 days)

Visiting institute

Penn state university, USA

Department

Department of Virology

Thematic area

Veterinary Microbiology, Advances in Animal Disease Diagnostics

Feedback

I got hands on training in world class animal disease diagnostic laboratory in advanced diagnostic techniques like Real time PCR. Next generation sequencing facilities at State University. Visited other advanced molecular laboratories and interaction with Scientists working on emerging animal viral diseases of zoonotic importance was helpful. I was Involved in on going research projects on Bovine Viral Diarrhoea in diagnostic lab under the supervision of Dr. Suresh Varma . Associate Director of the Lab.

Overall Rating

Excellent



Dr. B. Punya Kumari



Faculty, SVVU, Tirupati

Training period	15/04/2019 to 30/04/2019 (15 days)
Visiting institute	Animal Diagnostics Lab (PADLS-PSU), Pennsylvania State University, University Park, USA
Department	Department of Veterinary and Biomedical Science
Thematic area	Molecular techniques including Next Generation Sequencing, genomic data analyses and comparative genomics

Feedback

We Attended Work Shop on Molecular Diagnostics at ADL, Department of Veterinary and Biomedical sciences, Pennsylvania State University from 15.04.2019 to 19.04.2019. The Work Shop was mainly focused on application of PCR in Veterinary Medicine, types of PCR, nucleic acid extraction methods, primer design, next generation sequencing, application of NGS etc. I Visited BSL3 laboratory and observed the scientific precautions carried out for biosafety at BSL3 laboratory.

Overall Rating

Excellent



July 2020
400

Dr.B.Rambabu Naik



Faculty, SVVU, Tirupati

Training period

15/04/2019 to 31/05/2019 (46 days)

Visiting institute

Penn state university, USA

Department

Department of Virology

Thematic area

Veterinary Microbiology, Advances in
Animal Disease Diagnostics

Feedback

Molecular techniques such as PCR and RT- PCR were learned and practiced to know how does gene amplification and gene sequencing etc. We had very much advantages of these latest techniques.

Overall Rating

Excellent



Dr G. Vijaya Bhaskar Reddy



Faculty, SVVU, Tirupati

Training period	15/05/2019 to 14/08/2019 (90 days)
Visiting institute	University of Georgia, Georgia, United States of America (USA)
Department	Department of Poultry Science
Thematic area	Assuring Microbial Safety of Poultry and Poultry Products in the Value Chain

Feedback

This training helped me in honing of my skills in food safety related work in meat and processed meat products. I got the training on spiking of samples and shelf life studies of various meat products in different temperature regimens by adopting different packaging methods. I also learned regarding formulation of different meat products and their cost of economics suitable to Indian market. I also got hands on training on basic food microbiology procedures in the BSL-II lab like preparation of media for isolation of bacteria, maintenance of pure cultures like *Listeria* sps & *S.aureus*, challenging studies -Spiking of the developed product and Isolation and Identification of various food pathogenic organisms.

Overall Rating	Excellent
-----------------------	-----------



Project Implementation Unit
5th Floor, Krishi Anusandhan Bhavan, Pusa Road, New Delhi 110012
<https://nahep.icar.gov.in/>



@nahep.icar.goi



@nahep.icar



@icarnahep