

Kathmandu University

Integrated Rural Development of Nepal by Strengthening Research and Development Capacity of Kathmandu University

Schedule Published date : 3 September 2018

IRDP Pilot Project Call - Presentation Schedule

Presentation Schedule - 5 September 2018					
Venue : Mini Auditorium - CV Raman					
S.No	Presentation topic	Time	Institution	Presenter	Remarks
1	-	9:15-9:30			Tea/Coffee
2	Production and Commercialization of high-value Moringa Olifera to improve livelihood of communities in Nawalparasi district of Nepal	9:30 - 10:00	National Applied Institute of Science and Technology (NAIST)	Dr. Dilli Ram Bhandari	
3	Rapid Field Detection of Markers and Colistin Resistance Gene (mcr-1) in Avian Pathogenic E. coli (APEC) by Alocilja Gold nanoprobe	10:00 - 10:30	Agriculture and Forestry University (AFU)	Himal Luitel, Ph.D.	
4	Development and Implementation of Rapid Reporting and Early Warning System through Empowerment of Village Women for Detection and Control of Human Diseases in Nepal: One Health Approach	10:30-11:00	Center for Health and Disease Studies-Nepal (CHDS-Nepal)	Dr. Ajit Kumar Karna	
5	Biotech Coffee : An Innovative Approach to Agro farming for Rural Development	11:00-11:30	Nepal Genomic Research & Development Center Pvt. Ltd.	Deepak Sharma	

6	Lunch	11:30-12:30	KU Canteen		
7	Improving livelihood of rural farming communities by production of high quality seed potato and banana plants	12:30-1:00	Ficus Biotech Pvt. Ltd.	Anuroop Manandhar	
8	Cold plasma treatment of seed for enhancement of germination and seedling growth	1:00-1:30	Kathmandu University	Deepak Prasad Subedi	
9	Formulation development of herbal nutraceutical supplements: switching local herbs to industry for rural health and livelihood Keywords Ethnobotany, Formulations, Nutraceuticals, Evaluation,	1:30-2:00	Kathmandu University, Department of Pharmacy	Dr. Rajendra Gyawali	
10	Tea/Coffee Break I	2:00-2:15	CV Raman Lobby		
11	Mango Ripening Box: Natural way of ripening fruits for rural communities of Nepal	2:15-2:45	Research Institute for Bioscience and Biotechnology (RIBB)	Prajwal Rajbhandari	
12	Reformation of Ancestral Magic Potion (Panchagavya) in Integrated Organic Agriculture of Nepal.	2:45-3:15	Kathmandu University	Sabita Aryal Khanna	
13	Tea/Coffee Break II	3:15-3:30	CV Raman Lobby		
14	Design, development and implementation of Manual Rice Transplanter in rural community of Nepal	3:30-4:00	Tribhuvan University, Research Management Unit (RMU)	Dr. Prabij Joshi	

15	Study on Biosynthesis of Silver Nanobiopesticide from Antagonistic Fungi and allelochemicals to Control Pathogenic Fungi, Bacteria and Insect in <i>Lycopersicon esculentum</i> L	4:00-4:30	Kathmandu University	Dr. Janardan Lamichhane	
16	Installation of Biogas Plant to manage the solid waste in Besisahar Municipality	4:30-5:00	Ecoprise Bio Solutions Pvt. Ltd.	Bhuwan K.C.	

Presentation Schedule - 5 September 2018

Venue : Senate Hall - CV Raman

S.No	Presentation topic	Time	Institution	Presenter	Remarks
1	-	9:15-9:30			Tea/Coffee
2	Health In Technology	9:30 - 10:00	Kathmandu University Business Incubation Center	Dr. Purushottam Kharel	
3	Environment friendly Nano-bio fertilizer and artificial soil	10:00 - 10:30	Tribhuvan University, Central Department of Biotechnology	Dr. Pramod Aryal	
4	Hybrid AC/DC Microgrid for Rural Communities	10:30-11:00	Savvy Tech Pvt. Ltd.	Dr. Sujan Adhikari	
5	Enhance production of biofuel (2, 3- Butanediol) from metabolically engineered strain Enterobacter aerogenes utilizing commercial and lignocellulosic biomass as a carbon source	11:00-11:30	Polytechnic Research Institute of Nepal	Dr. Bidur Prasad Chaulagain*	
6	Lunch	11:30-12:30			KU Canteen
7	Biomass Based Thermal Gasification Systems(TGS) for Agricultural Product Processing	12:30-1:00	Sarewsor Engineering and Innovation Pvt. Ltd.	Er. Harihar Kuinkel	
8	Modification of Porous Activated Carbon Obtained from Lapsi Seed Stone and its Application on the Removal of Dye from Wastewater of Carpet Industries in Nepal	1:00-1:30	-	Sahira Joshi	
9	Socioeconomic Transformation through Research and Technology	1:30-2:00	Southwestern Centre for Research and PhD Studies	Dr. Kushendra Bahadur Mahat	
10	Tea/Coffee Break I	2:00-2:15			CV Raman Lobby

11	Modelling and Optimization of Renewable Energy Systems for Holistic Community Development of Nepal	2:15-2:45	Kathmandu University	Bivek Baral	
12	Socio-economic improvement of rural communities via value addition and recycle of local resources and sanitary products development for deprived rural areas	2:45-3:15	H Plant Pvt. Ltd.	BogJu LEE	
13	Tea/Coffee Break II	3:15-3:30			CV Raman Lobby
14	Resilient Green Building Technology for Resilient Rural Development	3:30-4:00	Center of Resilient Development (CoRD)	Dr. Hari Darshari Shrestha	
15	Promoting indigenous plants' cultivation and sustainable use for improving livelihood of rural areas	4:00-4:30	Kathmandu University, School of Medical Sciences (KUSMS)	Dr. Sony Shakya Shresth	
16	Digestible Protein Based Fish Feed Production and Promotion in Chitwan	4:30-5:00	Agriculture and Forestry University, Directorate of Research and Extension	Dr. Shiva Chandra Dhakal	

Presentation Schedule - 5 September 2018

Venue : Dining Hall - CV Raman

S.No	Presentation topic	Time	Institution	Presenter	Remarks
1	-	9:15-9:30			Tea/Coffee
2	Assessment and mitigation of gender gap in higher education in rural communities – with examples from Mathematics	9:30 - 10:00	Kathmandu University, School of Science	Jyoti U. Devkota, Ph.D.	
3	Evaluation of Contraceptive Properties of Medicinal Plants <i>Dioscorea bulbifera</i> and <i>Artemisia vulgaris</i> by in vitro Sperm Function and in vitro Fertilization Assay Techniques	10:00 - 10:30	Tribhuvan University, Central Department of Biotechnology	Dr. Gaurishankar Manandhar	
4	Development of an adaptable immuno-assay platform for rapid detection of Human Papillomavirus (HPV) infection in rural areas of Nepal	10:30-11:00	Center for Health and Disease Studies- Nepal (CHDSNepal)	Dr. Vaskar Gnyawali	
5	Design and manufacture of low cost autoclave for manufacture of bio-composite products	11:00-11:30	Annapurna Research Center	Hari Bahadur Dura	
6	Lunch	11:30-12:30			KU Canteen
7	Pickle making training to the women of Province 2, Nepal for entrepreneurship and woman empowerment	12:30-1:00	Tribhuvan University, Institute of Engineering	Paras Mani Bhandari	
8	Awareness on Adolescent and Youth Sexual and Reproductive Health (AAYSRH) Project	1:00-1:30	Family Planning Association of Nepal (FPAN)	Pravakar Bickram Rana (PB)	
9	Data Driven, Cost-Effective Primary Healthcare Solution for Rural Nepal	1:30-2:00	Centre for Good Governance Nepal	Dr Prajwal Dhungel	

10	Tea/Coffee Break I	2:00-2:15			CV Raman Lobby
11	Technology commercialization/ propagation to ensure the NTFPs in local ares	2:15-2:45	Rural Community Development Centre (RCDC)	Jarman Nepali	
12	Pilot Scale Process Development of Indigenous Fermented Food for Industrial Application in Rural Communities	2:45-3:15	Kathmandu University	Dr. Sangita Shakya	
13	Tea/Coffee Break II	3:15-3:30			CV Raman Lobby
14	Sustainable Social Business Model for Sanitary Pads to solve Menstrual Hygiene problems in Rural Nepal	3:30-4:00	Kathmandu University, School of Management	Rupesh K. Shrestha	
15	Syaahaar Development and Women Empowerment Initiative	4:00-4:30	Dhulikhel Hospital, Kathmandu University Hospital	Dr. Susanna Phoboo	
16	Isolation of Anticancer compound from Taxus and testing its activity against cell lines	4:30-5:00	Kathmandu University	Dr. Bhupal Govinda Shrestha	

Presentation Schedule - 5 Septmeber 2018

Venue : Main CV Raman Auditorium

S.No	Presentation topic	Time	Institution	Presenter	Remarks
1	-	9:15-9:30	Tea/Coffee		
2	Screening and cultivation of commercially important orchids of Nepal for integrated rural development	9:30 - 10:00	Annapurna Research Center	Dr. Bijaya Pant	
3	Farmers market for sustainable, economic, farmers and costumer friendly	10:00 - 10:30	Tribhuvan University, Central Department of Biotechnology	Bibek Dhital	
4	Economic upliftment of Chure foothill community through technological and environmental intervention in cottage industry	10:30-11:00	Kathmandu University	Dr. Bed Mani Dahal	
5	Piloting Disruptive IOTs Technologies to Promote Smart Farming in Morang District	11:00-11:30	Nepal Krishi Company (NKC)	Dr. Ram Chandra Khanal	
6	Lunch	11:30-12:30	KU Canteen		
7	IoT based Smart Agricultural Field Automation and Monitoring	12:30-1:00	Kathmandu University	Dr. Ram Kaji Budhathoki	
8	Churpi/ Dog Chews Industry Improvement	1:00-1:30	NABIC/ KUSOM	-	
9	Tea Trade Facilitation Platform Nepal	1:30-2:00	Kathmandu University, School of Management	Binayak Malla	
10	Tea/Coffee Break I	2:00-2:15	CV Raman Lobby		
11	To finalized a bamboo processing technology for livelihood development in rural part of Nepal and improvement of traditional bamboo toothpick processing technology using modern ways	2:15-2:45	Concern Center for Rural Youth	Yrukum Rukum	

12	MONITORING AND AUTOMATION SYSTEM IN PROTECTED AGRICULTURE	2:45-3:15	Osen Infotech Pvt. Ltd.	Madan Poudel	
13	Tea/Coffee Break II	3:15-3:30	CV Raman Lobby		
14	Doubling Farmers Production and Income through Smart Agriculture technologies in Nepal: concept of integrating translational technologies in rural settings	3:30-4:00	Agriculture and Forestry University	Ishwari Prasad Kadariya, Ph.D	
15	A Pilot Project on Integrated Water Resource and Farm Management for Agriculture Development in Rural Nepal	4:00-4:30	SunFarmer Nepal	Avishek Malla	
16	Value addition of the agri-based products and enhancing productivity of agri-based industries of Nepal	4:30-5:00	Food and Nutrition Awareness Centre-Nepal	Manju Chhetri	

Presentation Schedule - 6 September 2018

Venue : Mini Auditorium

S.No	Session	Presentation topic	Time	Institution	Presenter	Remarks
1	I	Improved production and post-harvest practice of pole bean and tomato for livelihood enhancement of small holder farmers	9:30 - 10:30	Population, women and environmental development organization (PWEDO)	Dr. Tara Nath Pandey	
2		Formulation and evaluation of plant-based cosmetics	10:30 - 11:00	Kathmandu University, Department of Pharmacy	Dr. Rajani Shakya	
3		Research on value added product development of Junar, Papaya and Mango	11:00 - 11:30	Green Growth Group Pvt. Ltd.	Susan Karmacharya	
4		Testing Authentic Leadership Training & Safe Spaces for former Kamlari girls and women in Southwestern Nepal [Pilot]	11:30 -12:00	Authentic Leadership Institute Nepal (ALIN)	Pratik Chhetri	
5		Lunch	12:00 - 1:00	KU Canteen		
11		Discussion for selection of Topic	1:00-3:15			Faciliate by KU-PMC team
12		Tea/Coffee Break II	3:15-3:30	CV Raman Lobby		
13		II	Discussion for selection of Topic	3:30 -5:00		

Presentation Schedule - 6 September 2018

Venue : Senate Hall

S.No	Session	Presentation topic	Time	Institution	Presenter	Remarks
1	I	Cocreation of Hybrid Solar Biogas based rural cold storage technology for Integral Sustainable Rural Livelihood Development	9:30 - 10:30	Kathmandu University	Daniel Tuladhar	
2		Development of river water pump for drinking and irrigation purposes for rural areas	10:30 - 11:00	Kathmandu University	Hari Prasad Neopane	
3		Research on Plastic Waste Management and Utilization through development of plastic mixed bricks, roads and tiles	11:00 - 11:30	NIT Surat	Bimal Bastola	
4		Distribution via pipeline and remote billing system for large scale biogas	11:30 -12:00	Kathmandu University	Namrata Shrestha/ Prabin Raj Sharma	
5		Lunch	12:00 - 1:00			KU Canteen
11		Discussion for selection of Topic	1:00 - 3:15			
12		Tea/Coffee Break II	3:15-3:30			CV Raman Lobby
13	II	Discussion for selection of Topic	3:30 -5:00			Faciliate by KU-PMC team

Presentation Schedule - 6 Septmeber 2018

Venue :Main Dining Hall - CV Raman

S.No	Session	Presentation topic	Time	Institution	Presenter	Remarks	
1	I	Improving Production Process and Workmanship in Hydraulic Ram Pump and Commercialization in the context of Nepal	9:30 - 10:30	Gramin Urja Tatha Prabidhi Sewa Kendra Pvt. Ltd (Rural Energy and Technology Service Center-RETSC)	Santosh Mandal		
2		Breaking the Barriers for Commercial Production of Linseed in Nepal	10:30 - 11:00	Innovative Development Associates (IDEA)	Awadh Narayan Yadav, Dr. Chandra L. Pandey and PRAMITA SHRESTHA		
3		Micropropagation of lime and its commercialization	11:00 - 11:30	Kalapas Biotech Pvt .Ltd.	Kishun Ghalan		
4		Healthy ageing and livelihood opportunities for effectiveness of rural elderly community people of Nawalparasi district	11:30 -12:00	Onestep ahead foundation	Bharat Kafle		
5		Lunch	12:00 - 1:00	KU Canteen			
6		Dizitization of Health Record in Rural Nepal for better diagnosis and treatment	1:00 -1:30	Aavishkar Ent. Pvt. Ltd.	Ronesh Shrestha		
7		Tea/Coffee Break I	1:30-2:00	CV Raman Lobby			
13	II	Discussion for selection of Topic	2:00 - 5:00			Faciliate by KU-PMC team	

Presentation Schedule - 6 Septmeber 2018

Venue : Main CV Raman Auditorium

S.No	Session	Presentation topic	Time	Institution	Presenter	Remarks	
1	I	Randomized Clinical Trials of medicinal plant concoction that has been used to treat cancer patients	9:30 - 10:30	Nepal Cancer Cure & Herbs Research Pvt. Ltd.	Devendra Basnet		
2		Haat Bazar - Bringing Surplus Food to Market	10:30 - 11:00	Cellapp Innovations (Cell App Pvt. Ltd.)	Manoj Bhattarai		
3		Piloting of community based reular cold store for post harvest storage of Agro Products	11:00 - 11:30	Piloting of community based reular cold store for post harvest storage of Agro Products	Pratisthit Lal Shrestha		
4		Developing Integrated Agro Technology to advance natural eco-farming and rular development (DIANER)	11:30 -12:00	Green Biotech Nepal	Hari Krishna Saiju		
5		Lunch	12:00 - 1:00	KU Canteen			
6		Enhanced income and livelihood of Indigenous communities in Dang, Banke and Bardiya Districts through improved market-mix strategies for essential oils (Project-Sugandha)	1:00 -1:30	CERAD	An Singh Bhandari		
		Tea/Coffee Break I	1:30-1:45	CV Raman Lobby			
9	II	Discussion for selection of Topic	2:00-5:00			Facilitate by KU-PMC team	