



**Workshop on
Good Practices in Extension Research and Evaluation
(November 29, 2016 – December 2, 2016; ICAR-NAARM, Hyderabad)**

PROGRAMME

STARTER KIT		
Day 1: November 29, 2016		
Orientation to Good Practices in Extension Research		
Time	Topic	Facilitator(s)
SESSION 1		
Inauguration		
0900 – 0930	Registration	Academic Cell@ICAR-NAARM
0930– 1030	Welcome and Introduction to the workshop Address by Director General, MANAGE & Director, NAARM Self introduction of participants	Bharat S Sontakki, ICAR-NAARM
1030– 1100	GROUP PHOTOGRAPH AND TEA	
SESSION 2		
Good Extension Research		
1100– 1130	Good practices in extension research – Current status and participant expectations (Group interaction)	Rasheed Sulaiman V, CRISP
1130– 1200	Overview, expectations and proposal development – Team formation and orientation	Bharat S Sontakki, ICAR-NAARM
1200 – 1300	Extension research questions, designs, methods and tools	P Sethuraman Sivakumar, ICAR-CTCRI
1300 – 1400	LUNCH BREAK	
SESSION 3		
Item/Thematic Analysis		
1400 – 1530	Methods for identifying concepts, constructs and variables for extension research Introduction to thematic analysis Steps in thematic analysis An exercise in Thematic Analysis/Item analysis	P Sethuraman Sivakumar, ICAR-CTCRI P Venkatesan, ICAR-NAARM
1530 – 1545	TEA BREAK	
SESSION 4		
Sampling		
1545 – 1600	Current practices in sampling – card exercise	A Dhandapani, ICAR-NAARM
1600 – 1645	Sampling methods and sample size estimation for extension research	
1645 – 1730	Sampling design – Group exercise	
Day 2: November 30, 2016		
Data Management in Extension Research		
0900 – 0915	Recap	
SESSION 5		
Good Practices in Data Collection		
0915 – 0945	Existing practices in data collection – Card exercise – Presentation	Thammi Raju, ICAR-NAARM P Venkatesan, ICAR-NAARM
0945– 1030	Human Subjects Research - Ethical practices in data collection	P Sethuraman Sivakumar, ICAR-CTCRI
1030 – 1045	TEA BREAK	
SESSION 6		
Recent Advances in Data Collection		
1045–1100	Focus Group Discussion	A Dhandapani, ICAR-NAARM
1100– 1115	Case study research	Subhash SP, ICAR-NAARM
1115– 1145	Online data collection	R Saravanan,MANAGE
SESSION 7		
Data Preparation		
1145 – 1300	Data preparation for analysis – Hands on exercises in missing data, outlier treatment, normality testing, multicollinearity etc	P Sethuraman Sivakumar, ICAR-CTCRI
1300 – 1400	LUNCH BREAK	

SESSION 8	Data Analysis	
1400 – 1430	Current practices in data analysis and interpretation – card exercise	A Dhandapani, ICAR-NAARM
1430 – 1530	Statistical designs in data analysis – Descriptive to inferential statistics (Correlation, regression, t test, Chi-square, ANOVA)	
1530 –1545	TEA BREAK	
SESSION 9	Data interpretation and Inference	
1545–1615	Data analysis and interpretation – Guidelines for extension research	P Sethuraman Sivakumar, ICAR-CTCRI
1615 – 1730	Data interpretation and inference	IS Rao, PJTSAU
PATH FINDER		
Day 3: December 1, 2016 Advanced Methods for Extension Research		
0900 – 0915	Recap	
SESSION 10	Measuring Adoption	
0915 – 1130	Modelling adoption of agricultural technologies <ul style="list-style-type: none"> – Card exercise on current practices – Presentation on Methods for modelling adoption of agricultural technologies 	N Sivaramane, ICAR-NAARM
SESSION 11	Psychometrics	
1130 –1300	Structural equation modelling Part I	P Sethuraman Sivakumar, ICAR-CTCRI
1300 – 1400	LUNCH BREAK	
1400 – 1530	Structural equation modelling Part II	P Sethuraman Sivakumar, ICAR-CTCRI
1530 – 1545	TEA BREAK	
SESSION 12	Monitoring and Evaluation & Impact Assessment	
1545 – 1715	Current practices in M &E – Card exercise Programme Evaluation-concepts, designs and methods	PVK Sasidhar, IGNOU
1715 – 1800	Advanced methods of analysing impact of agricultural technologies	N Sivaramane, ICAR-NAARM
Day 4: December 2, 2016 Producing Quality Research Outputs		
0900 – 0915	Recap	
SESSION 13	Good Practices in Publishing Extension Research	
0915 – 1030	Card exercise to understand current experiences in publishing extension research How to produce high-impact research papers while developing field methods for extension workers?	P Sethuraman Sivakumar, ICAR-CTCRI
1030– 1045	TEA BREAK	
SESSION 14	Beyond Research Papers	
1045– 1145	Writing policy briefs and working papers	Rasheed Sulaiman V, CRISP
1145 – 1300	Research paper writing	
1300 – 1400	LUNCH BREAK	
SESSION 15	Way Forward	
1400 – 1500	Preparation of presentations by participants (research plan)	Mentors and coordinators
1500 – 1600	Presentations on research plan	
SESSION 16	Valedictory	
1600 – 1700	Feedback Distribution of participation certificates Closing Remarks	Bharat S Sontakki, ICAR-NAARM