

Orientation Programme on Developing Research Skill:

1. Main Report

School of Regional Studies & Research (a department of Pt. Ravishankar Shukla University, Raipur) and State Resource Centre (Adult & Continuing Education), Raipur (Supported by Ministry of Human Resource Development, Govt. of India) jointly organized one two-day on Developing Research Skill for the benefit of staff of State Resource Centre, Chhattisgarh. It took place at the Seminar Hall of School of Regional Studies & Research, from 12th to 13th August, 2015. Dr. Ravindra Nath Pati, (Associate Professor) eminent social anthropologist of Institute of Paleo Environment and Heritage Conservation, Mekelle University, Ethiopia, conducted this orientation programme.

First Day, 12th August, 2015.

Inaugural Session:

The inaugural session began with the welcome address of the host Prof. Mitashree Mitra, (Coordinator of this Orientation Programme) who happens to be an eminent Anthropologist as well as the Head, School of Regional Studies. Pt. Ravishankar Shukla University, Raipur. After presenting a bouquet to the chief speaker, she introduced Dr. R N Pati to the audience. She also elaborated on his present assignment as Associate Professor, at Institute of Paleo Environment and Heritage Conservation, Mekelle University, Ethiopia, on his editorship of research journals like those on corporate sector and Anthropology and his role in implementing the MoU with Mekelle University regarding reproductive health and child health of young mothers and that of adolescent girls.

It was followed by the address of the other host, Mr. Tuhin Deb, Director, State Resource Centre (SRC), Chhattisgarh. He gave an overview of SRC including what sort of researches, in the field of non-formal education, done by them till now and the felt-need of this orientation of research skill and scientific method for his team.

Technical Session:

Thereafter, Dr. R N Pati began his session with an excellent power point presentation of the theme named ' Guidelines of Conducting Research'. Apart from the hosts and the chief guest, it was attended by research scholars, assistant professors, 10 officers of SRC as well as one Dy. Director of India CSR.

What is research? According to Dr. Pati, ' It is the quest for new facts in any field of knowledge, but in a logical manner'. Thus, it might be verification of an established theory in the light of the new facts, hitherto unknown; or it might be constructing a new hypothesis logically and its

subsequent empirical verification. Therefore, a research must start with a good planning and focus. Otherwise, it would lose track in the wilderness of vast data accumulated without any proper planning and direction.

He emphasized that the researcher must have some clarity about why a particular research has been undertaken, who are the objects or target groups and who are the sponsors or mentors. It would determine the selection of subject, choice of the topic and framing the objective. Again, it would also help in selecting methodology and technique—quantitative and qualitative – and the suitable mix of the two. He clarified that in social sector research, participatory mode (a variant of qualitative technique) is more preferable. Under this method, questions would necessarily be open ended while in quantitative method most of the questions of multiple choice would be close ended.

Research Methodology means the procedure by which researchers go about the work describing how a representative sample has been chosen from a universe. It also specifies how the 'research problem' is formulated, what sort of data to be collected and by what method. It also provides justification of preferring a particular technique to others. It is to be noted that the quantitative tools are amenable to statistical and mathematical analysis while non-numerical data cannot be graphed but helps in interpreting many human behavior and cultural parameters.

He also explained about various methodologies of surveying and their applications. He guided the participants about the formulation of questionnaire and schedule. He explained the importance of forming a hypothesis and how to analyze the primary and secondary data. Both Dr Pati and Prof. Mitra emphasized the need of cross-validation of data before arriving at pre-conceived bias conclusions. At this stage, observation, comparison and analysis are very important. That's why good documentation and recording of focused group discussion (FGD tool) and interviews are necessary pre-conditions. Finally, it is the nature and need of recommendations and how that had to be necessarily determined by the sponsors, donors or the very purpose of the undertaking a particular research assignment. A recommendation while providing solution to a problem must state its limitations and whether it is sustainable and replicable.

For the trainees, he graphically explained the stages of research thus:

- I. Selection of Topic.
- II. Defining the problem.
- III. Collection of Literature, old Survey Report and References.
- IV. Assessment of the current status of the topic.
- V. Formulation of Hypothesis.
- VI. Research Design.
- VII. Actual Investigation.
- VIII. Data Analysis.
- IX. Interpretation of Result.
- X. Report Writing.

Then he asserted that the defining and the formulating the problem is more important than the solution itself. In the process one has to state the assumptions made and it would have to be formed in an un-ambiguous manner. It is also to be seen whether the topic is of importance to government or scientific community or the public at large.

He also cautioned the would-be researchers about some common errors, such as:

- a) Selective Observation.
- b) Inaccurate Data.
- c) Over-generalization.
- d) Made-up information.
- e) Illogical Reasoning.
- f) Ex- post facto hypothesizing.
- g) Ego involvement in understanding.
- h) Premature closure of enquiry.

Researchers should also ask themselves:

- i. Whether the accumulated quantitative and qualitative data are sufficient for drawing conclusion?
- ii. Are they very general or representative in nature?
- iii. Are the evidence collected adequate for supporting the conclusion arrived at?

The pre-lunch session ended with Prof. Mitashree Mitra explaining the ethical issues in social science researches and its growing importance in this age of electronic and digital communication and media revolution. She cautioned the would be researchers to obtain prior consent from the subject persons before disclosing their names or displaying photographs. She discussed the issues in relation to the researches like prevalence of Obstructive Sleep Apnea (OSA) among human population of Chhattisgarh and affirmed that it had been an age and gender function.

Regarding dealing with human subjects in research, she cautioned about tagging an individual (say sickle cell or HIV syndrome), coercing the person to provide data or alluring the subject with money or false promise of accruing benefits. It is desired that the researchers should reveal their identities, the objective of research. In case of institutional research, obtaining clearance certificate from the Ethical Committee is a must.

During the post lunch session, Dr R N Pati elaborated and gave tips on how to conduct a survey, how to get rid of bias on the part of both the surveyor and those surveyed. He also explained the difference and utilities of 'Open-ended' and 'Close-ended' questions.

Open-ended questions are flexible, non-structured, amenable to 'content analysis' and preferable in micro-level research and exploring new domain, while Close-ended questionnaires are easy to collect, amenable to statistical and mathematical analysis and preferable in a macro study.

Additional cautions in surveying:

- Sequencing of questions is a factor.
- Halo-effect and influence of multi-variants in an unreasonable manner.
- Response set, search for consistency, use of reverse-scaling.
- Gender and Ethnicity of researcher/respondent.
- Median of interview, whether face to face, telephonic or e-mail, can influence the response.
- Fatigue.
- Phrasing of questions.
- Avoid vague and nebulous questions.
- Avoid lengthy one, keep them short and succinct.
- Developing rapport with the respondent is of prime importance.
- Better make the interview/survey a participatory one.
- Surveyor should also observe the surroundings and non- verbal cues.
- Questions should be neutral, non-negative and devoid of slang, local jargons and ambiguity.
- Questions should not contain answers within themselves.
- Avoid directly evaluative questioning.
- Be cautious of respondents' intentional misrepresentation of facts and their possible social desirability bias.

He also differentiated type of surveys in terms of cooperation of respondent, cost , advantages and disadvantages. The session ended with meaningful questions and answers with eager participants like Mr. Vinod, Mrs. Chandrika, and Shabana from SRC, Raipur and Mr. Dayanand Awasthi from India CSR. Regarding the above conversation, Dr. R N Pati and Prof. Mitra emphasized the need of cross-validation to avoid respondent's bias.

The last session was conducted by Dr Shailendra Kumar Verma, Assistant Professor, School of Regional Studies & Research. He explained the difference between research methodology and techniques and how to choose the appropriate ones. He also informed that quantitative method reveals the impact but not the cause and effect relationship while qualitative method ascertains cause and effect syndrome. He explained how content analysis should necessarily have to satisfy the three attributes--- validity, credibility and objectivity.

The day ended with a frank and open Q & A sessions in which all the participants and the faculty members took part.

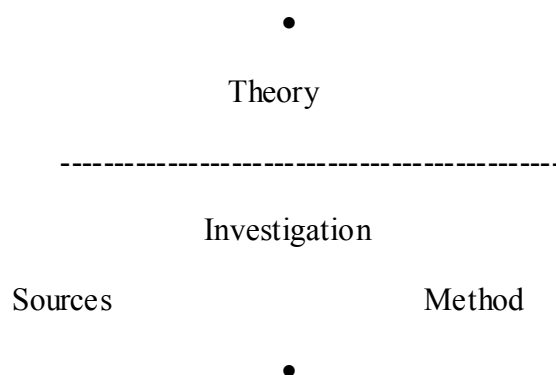
Second Day, 13th August, 2015.

The second day began with a long session of Dr. R N Pati explaining in detail the best rapid assessment method named Focused Group Discussion or FGD method. He patiently clarified the roles of Moderator and his assistant, their do's and don'ts, funnel type of questioning, noting the observations from both verbal and non- verbal response, keeping audio records and going for transcription to be followed by cause and effect analysis within 24 hours. For the benefit of the trainees he gave a live demonstration and conducted a mock FGD involving all the trainees. He showed how to draw meaningful conclusions from FGD findings after cross validation.

In response to the query what is to be 'focused'? He replied -- focus has to be on a) the respondent group, b) on topic, c) on method, d) on understanding, e) on reasoning (cause and effect), f) on mindset, g) how do the group describe and explain , h) how do they, themselves, seek the solution of the instant problem etc.

Regarding the successful functioning of FGD he put the following conditions:

- i. Group members should be of homogenous socio-economic and ethnic background.
- ii. The number may vary from 5 to 14; but ideal is 10.
- iii. The moderator and his assistant should invite the group to a pre-decided venue.
- iv. The sitting arrangement should be circular.
- v. The moderator should ask the questions in a funnel mode,-- general and peripheral in the beginning, the key questions at the fag end.
- vi. These questions should be answered by all to minimize the individual bias.
- vii. The assistant has to take notes, record the proceeding (audio and video) and transcribe and analyze them within 24 hours.
- viii. Two to three groups can also be engaged for cross-validation. Ultimately, triangulation will follow.
- ix. Be cautious about language and communication problems (linear/circular, procedural/formal) etc.
- x. The concept of triangulation can be illustrated by following diagram:



xi) Summarize entire discussion and get it approved from the Group regarding its order, content, sequence of questions, and the replies obtained .

xii) Maintain eye-contact with the respondent throughout the proceeding, be respectful to them and utter a polite 'thank you' before taking leave of them.

The session ended with a mock FGD with participants playing the roles of moderator, assistant and the adolescent village girls. After this involved exercise, Dr. Pati demonstrated what sort of conclusions can be drawn from the instant FGD.

Afterwards, Prof. Mitashree Mitra conducted an important session with a power point presentation on Assessment of Health Indicators emphasizing the risk levels of children, pregnant mothers and adolescent girls. She explained how the protein and carbohydrate requirements of a person depend on age, gender and occupation factors. Citing Article 47 of Directive Principles laid down in the Constitution of India, she emphasized that it has been the responsibility of the government to maintain the health of its citizen. According to her, problem of malnutrition is not the function of poverty or income alone. Low income group suffers from protein deficiency while High income group suffers from vitamin deficiency. She stated that the appropriate protein and carbohydrate intake of a person would vary in accordance with his life style (say, whether he/she does manual or intellectual labor). She introduced the participants with the concept of BMI (Body Mass Index) as $\text{Weight (kg) / Height (mxm)}$ whereas model measure should be between 18.5 to 24.5. She also told them about CED or Chronic Energy Deficiency measure, Cycle of Malnutrition. She ended the session while discussing two types of Nutritional and Health Assesment—Direct (Individual) and Indirect (Community wise).

Another session on technique and methods of computation and analysis of collected data was conducted by Dr. Sahilendra Kumar Verma and Mr. Praveen Soni. They explained how in excel sheet the surveyed data could be posted and interpreted with economy of labor and time.

The last session was conducted by Dr. Ashok Kumar Pradhan, Associate Professor, Department of Anthropology. Pt. Ravishankar Shukla University, Raipur with the help of a power point presentation he explained the art of Report Writing. He delivered a structured design of research. It was as follows:

- I. Thinking, ii. Selection of Problem, iii. Review of Literature, iv. Formulation of Hypothesis, v. Preparation of Research Design, vi. Method—Sample or Census, vii Tools & Techniques, viii Primary Data, ix. Secondary Data, x. Classification/Tabulation, xi. Analysis, xii. Testing of Hypothesis, xiii. Generalization or interpretation of Data, xiv. Preparation or Writing of Report.
- II. Thereafter he clarified the order of the Report itself. They are:
 - a) Title page, b) Letter of Authorization, c) Preface, d) Content, e) List of Tables & Figures.

III. How to design the content writing, the soul of the research report? Dr. Pradhan answers thus:

- i. Introduction:
 - a) Subject, b) Area, c) Review of Literature, d) Objective.
- ii. Methodology:
 - a) Census or Sample Method, b) Sample size (n) and the population (N), c) Tools and technique, [Design-experimental or descriptive, Significance of the choice, interview schedule].
- iii. Data Analysis & Discussion:
 - a) Tables, b) Statistical Tools, c) Comparison, d) Diagrams & Graphs, e) Brief results and findings.
- iv. Conclusion.
- v. Recommendations.
- vi. Limitations of the study.

Dr. Pradhan concluded his session with an intensive Q &A. He explained that Census Method does not require any Test of Significance or Chi-square test, whereas Sample Method with multi- variates require T or Z tests. In case of non- parametric data only Chi-square test would suffice. Otherwise, Correlation method will be enough. In case of test of significance 5% margin of error is acceptable.

For descriptive simple socio-economic analysis, percentage (%) comparison is the best statistical tool. It can be supported with diagrams and graphs as these are easily be understood by public at large.

Thereafter, the valedictory session was conducted by host Prof. Mitashree Mitra who expressed her satisfaction over the intensity of the participation. She and Dr. R N pati assured all future help in the field of research. While delivering the vote of thanks Mr. Tuhin Deb, Director, SRC expressed his immense satisfaction on receiving the required input for his staff from this distinguished 'seat of learning.' The program was conducted by Ms. Shabana Azmi, Sr. Program Coordinator, SRC, Raipur. It ended with the chief guest Dr R N Pati and two hosts , Prof. Mitashree Mitra and Mr. Tuhin Deb handing over 'Certificate of Participation' to all the participants. Two hosts also presented Shawl, Shreefal and mementos to the chief guest Dr. R N Pati.

The orientation programme was attended by 10 of SRC officers and five research scholars.

2. Annexure

a. Programme Schedule

"Orientation Programme towards Developing Research Skill"

August 12-13, 2015

Jointly Organized by

School of Regional Studies & Research

Pt. Ravishankar Shukla University, Raipur (Chhattisgarh)

and

State Resource Centre [Adult & Continue Education], Raipur

(Supported by Ministry of Human Resource Development Government of India)

Programme

Date : 12.08.2015 (Wednesday)

Session	Time	Venue	
Registration	10.30 am to 11.00 am	Seminar Hall, School of Regional Studies & Research Pt. Ravishankar Shukla University, Raipur (Chhattisgarh)	
Inaugural function	11.00 am to 11.30 am		
Tea Break	11.30 am to 11.45 am		
Technical Session- I		Topic	Speaker
	11.45 am - 12.45 pm	Guidelines For Conducting Research	Dr. R.N.Pati Associate Professor Department of Anthropology Institute of Paleo Environment and Heritage Conservation Mekelle University, Mekelle, Ethiopia
	12.45 pm - 1.30 pm	Overview of State Resource Centre & Need for Orientation of Research Skill	Dr. Tuhin Deb Director State Resource Centre [Adult & Continue Education] (Supported by Ministry of Human

			Resource Development Government of India)
	1.30 pm - 2.15pm	Ethical Issue in Social Science	Prof. Mitashree Mitra Professor of Anthropology & Head, School of Regional Studies Pt. Ravishankar Shukla University, Raipur, Chhattisgarh
Lunch Break	2.15 pm - 2.45 pm		
Technical Session- II	2.45 pm - 3.45pm	How to Conduct Survey	Dr. R.N.Pati Associate Professor Department of Anthropology Institute of Paleo Environment and Heritage Conservation Mekelle University, Mekelle, Ethiopia
Tea Break	3.45 pm- 4.00 pm		
	4.00 pm – 4.45 pm	Quantitative and Qualitative Method	Dr. Shailendra Kumar Verma Assistant Professor (Contract) School of Regional Studies & Research Pt. Ravishankar Shukla University Raipur, Chhattisgarh
	4.45 pm- 5.30 pm	Group Discussions	

Date : 13.08.2015

Session	Time	Topic	Speaker
Technical Session- III	10.30 am - 11.30 pm	FGD : Best Rapid Assessment Method	Dr. R.N.Pati Associate Professor Department of Anthropology Institute of Paleo Environment and Heritage Conservation Mekelle University, Mekelle, Ethiopia
	11.30.am – 12.30 am	Assessment of Health Indicators	Prof. Mitashree Mitra Professor of Anthropology & Head, School of Regional Studies Pt. Ravishankar Shukla University, Raipur, Chhattisgarh
Tea Break	12.30 pm- 12.45 pm		
	12.45 pm - 1. 45 pm	Vocational Education and Training (VET) : Relevance for Educational Reform	Dr. R.N.Pati Associate Professor Department of Anthropology Institute of Paleo Environment and Heritage Conservation Mekelle University, Mekelle, Ethiopia
Lunch Break	1.45 pm- 2.30 pm		
Technical Session -IV	2.30 pm- 3.15 pm	Research Report Writing	Dr. Ashok Kumar Pradhan Associated Professor School of Studies in Anthropology

			Pt. Ravishankar Shukla University, Raipur, Chhattisgarh
	3.15 pm – 4.30 pm	Data Coding and in Computer Analysis	Shri Praveen Kumar Soni Guest Lecturer School of Regional Studies & Research Pt. Ravishankar Shukla University, Raipur, Chhattisgarh
Valedictory function	4.30 pm - 5.00 pm	Seminar Hall, School of Regional Studies & Research Pt. Ravishankar Shukla University, Raipur (Chhattisgarh)	



***b. Registration
Form***



Orientation Programme towards Developing Research Skill



12th – 13th August 2015

Jointly Organized by : School of Regional studies & Research of Pt. Ravishankar
Shukla University, Raipur

&

State Resource Centre [Adult & Continuing Education], Chhattisgarh

Venue : Auditorium of School of Regional studies & Research

Registration Form

1. Name :
2. Educational Qualification :
3. Designation :
4. Department/Institution :
5. Postal Address: Official
-
- Phone:
- Residential:
-
- Phone:
- E-mail : Fax:
- Mobile:
6. Areas of Interest :

Date:

Place:

Signature

***c. List of
Participants***

List of Participants

S.N.	NAME	DERIGNATION	ADDRESS	MO. NO.	EMAIL
1.	Dr. R.N. Pati	Associate Professor	Department of Anthropology Institute of Paleo Environment and Heritage Conservation Mekelle University Ethiopia	09583823553	drpati54@gmail.com
2.	Prof. Mitashree Mitra	Prof. of Anthropology & Head School of Regional Studies	School of Regional studies & Research Pt. Ravishankar Shukla University, Raipur (C.G.)	08425207354	mitashree mitra@gmail.com
3.	Mr. Tuhin Deb	Director	State Resource Center, Raipur [Adult & Continuing Education], Deshbandhu Complex, Ramsagarpara (C.G.)	09425560952	tuhin_deb@yahoo.com
4.	Ms. Sonam	Program Coordinator	State Resource Center, Raipur (C.G.)	07697238887	Sonam84@gmail.com
5.	Mr. Ranjan Roy	Sr. Consultant	State Resource Center, Raipur (C.G.)	09981083736	Ranjanry52@gmail.com
6.	Mr. Ravindra Yadav	Program Coordinator	State Resource Center, Raipur (C.G.)	09630403366	Ranjanray052@gmail.com
7.	Mr. Anupam yadav	Resource Person	State Resource Center, Raipur (C.G.)	09907101020	ravindraxyz@gmail.com
8.	Ms. Chandrika kaushal	Asst. Programme	State Resource Center, Raipur (C.G.)	08085084369	Anupamkumar27@gmail.com

		Coordinator			ail.com
9.	Mr. Hemant Joshi	Anthropology Student	Pt. R.S.U., Raipur (C.G.)	08103866976	joshi 9926124815@gmail.com
10	Mr. Vinod singh	Program coordinator	State Resource Center, Raipur (C.G.)	08085535653	vinodsingh09@gmail.com
11	Mr. Mohan Lal Goyal	Anthropology Student	M.G.A.H. Wardha (M.H.)	09503828893	goyalmohanal2013@gmail.com
12	Mr. Yogesh Kumar Grithlahre	Student PG Diploma	School of Regional Studies & Resarch Pt. R.S.U., Raipur (C.G.)	09575836049	yogesh9575@gmail.com
13	Ms. Ratnmala Bansod	Computer Operator	State Resource Center, Raipur (C.G.)	07828245454	mala2481@gmail.com
14	Mr. Aurodeep Deb	Anthropology Student	Pt. R.S.U., Raipur (C.G.)	07771878895	auran.dev@gmail.com
15	Mr. Patanjali Mishra	Program Coordinator	State Resource Center, Raipur (C.G.)	091797441680	prn00089@gmail.com
16	Mr. Dayanand Awasthi	Dy. Director CSR JINDAL	India CSR, Near Stadium, Raigarh (C.G.)-496001	09425572053	awasthidayanand@gmail.com
17	Mr. Praveen Kumar Soni	Guest Lecturer	School of Regional studies & Resarch Pt. R.S.U., Raipur (C.G.)	09827938425	praveenvyp@gmail.com
18	Ms. Sabana Asmi	Sr. Program Coordinator	State Resource Center, Raipur (C.G.)	09584869434	sabanaasmi1979@gmail.com
19	Ms. Archana Verma	Principal A.R.B.H.S. School	Raipur (C.G.)	09424242785	srchanal6669@gmail.com

20	Ms. Bishakha Ghosh	Anthropology Student	Pt. R.S.U., Raipur (C.G.)	08871584355	starmoon1294@gmail.com
21	Dr. Shalendra Kumar Verma	Asst. Professor [Contract]	Pt. R.S.U., Raipur (C.G.)	096177767886	shailverma48@gmail.com
22	Dr. Ashok Kumar Pradhan	Associate Prof. Department of Anthropology	Pt. R.S.U., Raipur (C.G.)	09425511967	pradhan.akp@gmail.com



d. Feedback Form



School of Regional Studies and Research
Pt. Ravishankar Shukla University, Raipur (C.G.)

"Orientation Programme towards Developing Research Skill"
August 12 to 13, 2015

Feedback from the Participants

Instruction: Tick a number in the box: 1 = Average; 5 = Excellent

1. Selection of the lectures delivered (Average to Excellent)				
1	2	3	4	5

2. Quality of the lectures (Average to Excellent)				
1	2	3	4	5

3. Contents of the lectures (Average to Excellent)				
1	2	3	4	5

4. Experience during the Interaction session (Average to Excellent)				
1	2	3	4	5

5. Accommodation facility (Average to Excellent)				
1	2	3	4	5

6. Catering facility (Average to Excellent)				
1	2	3	4	5

7. Experience during Lab work (Average to Excellent)				
1	2	3	4	5

8. Gain during the workshop				
1	2	3	4	5

9. Overall experience during Workshop (in 50 Words)

10. Any other suggestions (Feel free, frank and fearless) (in 50 Words)

Signature



e. Certificate



Orientation Programme towards Developing Research Skill

August 12-13, 2015



Jointly organized by

School of Regional studies & Research of Pt. Ravishankar Shukla University, Raipur

&

State Resource Centre [Adult & Continuing Education], Chhattisgarh

At: Auditorium of School of Regional studies & Research

Certificate of Participant/Resource Person

It is certified that Dr./Mr./Ms.....has participated in the Orientation Programme towards Developing Research Skill organized by School of Regional studies & Research Pt. Ravishankar Shukla University, Raipur (C.G.) and State Resource Centre (Adult & Continuing Education), Chhattisgarh.

Dr. Mitashree Mitra

Coordinator

Prof. of Anthropology & Head,

Regional Studies & Research

Raipur (C.G.)

Shri Tuhin Deb

Director

State Resource Centre

(Adult & Continuing Education)

Raipur (C.G.)

***f. Newspaper
Clippings***

Orientation programme for staff of State Resource Centre conducted



Dr Ravindra Nath Pati, eminent social anthropologist of Mekelle University, Ethiopia, giving tips on 'Orientation Programme towards Developing Research Skill' for the benefit of staff of State Resource Centre, Chhattisgarh.

■ **Staff Reporter**
RAIPUR, Aug 21

Dr RAVINDRA Nath Pati, eminent social anthropologist of Mekelle University, Ethiopia, conducted two-day training on 'Orientation Programme towards Developing Research Skill' for the benefit of staff of State Resource Centre, Chhattisgarh.

The training session was organised at seminar hall of School of Regional Studies and Research, Pandit Ravishankar Shukla University. The training programme was jointly organised by School of Regional Studies & Research and State Resource Centre (Adult and Continuing Education), Raipur.

The inaugural session began with the welcome address of the host Professor Mitashree Mitra who happens to be an eminent Anthropologist as well as the Head, School of Regional Studies. She introduced Dr R N Pati and his publications, about his present assignment at Institute of Paleo Environment and Heritage Conservation, Mekelle University,

It was followed by the address of the other host, Tuhin Deb, Director, State Resource Centre (SRC). He gave an overview of SRC including the researches done by them till now and the felt-need of this orientation of research skill and scientific method for his team.

Thereafter, R N Pati began his session with an excellent power point presentation of the theme named 'Guidelines of Conducting Research'. He emphasised that the researcher must have some clarity about why a particular research has been undertaken, who are the objects or target groups and who are the sponsors or mentors. It would determine the selection of subject, choice of the topic and framing the objective. Again, it would also help in selecting methodology and technique—quantitative and qualitative—and the suitable mix of the two.

Pati also explained about various methodologies of surveying and their applications. He guided the participants about the formulation of questionnaire and

importance of forming a hypothesis and how to analyse the primary and secondary data. Both Dr Pati and Professor Mitra emphasised the need of cross-validation of data before arriving at conclusions. Finally, it is the nature and need of recommendations and how that had to be necessarily determined by the sponsors, donors or the very purpose of the undertaking a particular research assignment.

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The last session was conducted by Dr Shailendra Kumar Verma, Assistant Professor, School of Regional Studies & Research. He explained the difference between research methodology and techniques and how to choose the appropriate ones. The day ended with a frank and open Q & A sessions in which all the participants and the faculty members took part.

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The last session was conducted by Dr Ashok Kumar Pradhan, Associate Professor, Department of Anthropology. With the help of a power point presentation he explained the art of Report Writing. He delivered a structured design of topics—right from preface, acknowledgement, content to topic, location, objective, methodology, technique and tools, to be followed by data tables, charts, diagrams, findings, conclusion, recommendations. It was to be followed by bibliography.

The valedictory session was conducted by host Professor Mitashree Mitra who expressed her satisfaction over the enthusiastic participation. She and Dr R N pati assured all future help in the field of research. While delivering a vote of thanks Tuhin Deb, Director, SRC expressed his immense satisfaction on receiving the required input for his staff from this distinguished 'seat of learning.' The programme was conducted by Shabana Azmi, senior Programme Coordinator. It ended with the chief guest Dr R N Pati and two hosts, Professor Mitashree Mitra and Tuhin Deb handing over 'Certificate of Participation' to all the participants. Two hosts also presented Shawl, Shreefal and mementos to

शुक्रवार 21 अगस्त 2015

रायपुर हाईवे चैनल

शोध कौशल पर दिया गया प्रशिक्षण

रायपुर, 21 अगस्त। प. रविशंकर शुक्ल विश्वविद्यालय के स्कूल ऑफ रीजनल स्टडीज एंड रिसर्च विभाग एवं राज्य संसाधन केन्द्र (ग्रौह एवं सतत शिक्षा) छत्तीसगढ़ के संयुक्त तत्वावधान में शोध कौशल विकास पर दो दिवसीय उन्मुखीकरण सह प्रशिक्षण कार्यक्रम आयोजित किया गया। इस दो दिवसीय कार्यशाला का आयोजन स्कूल ऑफ रीजनल स्टडीज एवं रिसर्च के सभलार में सम्पन्न हुआ। कार्यक्रम के मुख्य अतिथि मैकेले विवि इशियोपिया के प्रो. डॉ. आर.एन पति थे। उन्होंने अनुसंधान पर चर्चा करते हुए बताया कि शोध का उद्देश्य स्पष्ट होना चाहिए। शोध क्यों और किसके लिए किया जा रहा है। समूह का ध्यान रखना जरूरी है व सदैव विषय पर केन्द्रित हो। शोध के दौरान संख्यात्मक व गुणात्मक दोनों तरीकों का उपयोग करना चाहिए। सर्वेक्षण की विभिन्न पद्धतियों व उनके उपयोग पर विस्तार से चर्चा करते हुए प्रश्नोत्तरी व सूची निर्धारित के तरीकों की जानकारी दी।

***g. Selected
Photographs***





















