

*A Report  
on  
National Workshop*

**TEN DAY RESEARCH METHODOLOGY COURSE FOR PH.D.  
SCHOLARS**

**Date : 28<sup>th</sup> Feb. to 08<sup>th</sup> March 2016**

**Organized**

by

Department of Education,  
Saurashtra University,  
Rajkot, Gujarat

**Sponsored**

by

Indian Council of Social Science Research,  
New Delhi

**Coordinator**

**Dr. B. B. Ramanuj,**

Head, Department of Education,  
Saurashtra University,  
Rajkot - 360 005

**Venue**

Department of Education, Saurashtra University, Rajkot - 360 005

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# **1. Brief Summary of Research Methodology Course**

This Report Of The Ten Days National Workshop on “Research Methodology for Research Scholars in Social Science” was organized by department of education ,saurashtra university,Rajkot, Sponsored by Indian Council of Social Science Research (ICSSR), New Delhi from 28<sup>th</sup> Feb. to 08<sup>th</sup> March 2016 in the Education Department, Saurashtra University, Rajkot (Gujarat).

The workshop was inaugurated by Dr.B.B.Ramanuj , Head, Education Department Saurashtra University. The workshop was attended by 30 participants. All of the participants who attended this workshop were research scholars were directly involved in research.

## **2. About the Research Methodology Course**

### **2.1 Introduction**

Research is the systematic and objective process of gathering, recording and analyzing data for taking appropriate & meaningful decisions. It connotes a patient study and scientific investment, wherein the researcher takes more careful look at data to discover all that could be known more deeply about the subject under study. Applied research facilitates managerial decision-making and reduces uncertainty. To keep pace with the recent advancement in any discipline, one has to be well versed with the latest developments in research methodology. Keeping in view the importance of research methodology, this course aims to explore the basic dimensions of research and the concomitant need for participants to rethink of research in the field of Education.

The workshop was designed to offer the participants with hands on approach to conduct research. On completion of the workshop, participants were likely to have developed the skills to review the literature, develop hypotheses, frame research design, identify sampling techniques and comprehend the role and relevance of the tools for data collection and analysis. The ten-day workshop exposed the participants to a brief theoretical input, followed by the field-work based on syndicates. The participants were expected to bring their research problem & data, if they had to work on during the workshop and at the end, they performed data analysis independently and made presentation before the class.

### **2.2 Objectives**

The main objectives of the Course were as follows:

1. To enable the participants to develop their conceptual clarity and practical knowledge about research.
2. To enhance the capability of doing quality research among Ph.D. Research Scholars and give them a thorough exposure to research methodology and data analysis with the help of SPSS.

3. To give participant's hints in conducting field survey, preparing a field report, project proposal and writing quality research papers/articles.

### **2.3 Eligibility of the Participants**

Registered/enrolled Ph.D. Scholars of any Indian University/Institution/College in any branch of Social Sciences are eligible to apply in the prescribed application form. M.Phil. students and faculty members are not eligible for this Course. Candidate will be selected on the basis of

- (1) The strength of their research proposals
- (2) Status of research (pre-data collection/fieldwork phase) and
- (3) First time applicants for Research Methodology.

### **2.4 How to Apply**

Interested candidates may download the prescribed Application Form from the Department / University website [www.saurashtrauniversity.edu](http://www.saurashtrauniversity.edu). Application form in hard copy is to be sent to Course Director, Department of Education, Saurashtra University, Rajkot before 23<sup>th</sup> February, 2016.

The duly filled in application form must be accompanied with the following enclosures:

1. Brief CV of the applicant and scanned copy of the supporting documents.
2. A brief note about his/her research in about 250 words.
3. Caste/Community Certificate for SC/ST/OBC/Minority participants.
4. Copy of Research Proposal.
5. The certificate of research status obtained from concerned guide.

### **2.5 Registration Fee**

There is no Fee for the participants, but selected participants will have to deposit Rs. 500/- as earnest money to be sent by D.D. in favor of 'Course Director, Department of Education, Saurashtra University, Rajkot', Payable at Rajkot on the first day of course. This amount is refundable after full attendance in the course.

### **2.6 Accommodation & Travel Allowances**

Accommodation will be provided to the outstation Participants only. Travel allowance by the shortest distance (to and fro fare by Bus or second class sleeper by Train) will be reimbursed to the outstation participants as per the ICSSR guidelines.

### **2.7 Dates and Venue of the Course**

The Course will be conducted during 28<sup>th</sup> Feb. to 8<sup>th</sup> March 2016.(Time:10;00 AM to 6.00 PM) Department of Education, Saurashtra University, Rajkot - 360 005

The last Date for receipt of the application: 23<sup>th</sup> Feb, 2016

The selected participants would be intimated through E-mail: 24<sup>th</sup> Feb. 2016

## **2.8 Correspondence Address**

**Dr. B. B. Ramanuj**, Head, Department of Education, Saurashtra University, Rajkot  
.Phone :0281 - 2578505, 2588124 (Time : 11:00 a.m. to 6:00 p.m.)

## **3. Selection of Participants**

### **3.1 Announcement of Course**

The Department of Education, Saurashtra University, Rajkot was going to organize a Ten Day Research Methodology Course in Social Sciences for registered Ph.D. scholars. Applications were invited from scholars. The Course was designed to impart knowledge on Research Methodology in the context of development of social science research with theoretical and ethical aspects. The Course followed the prescribed syllabus of Research Methodology designed by the ICSSR, New Delhi.

Way of Announcement Were,

1. Announcement in News Paper of Region and national level.
2. Announcement on website [www.saurashtrauniversity.edu](http://www.saurashtrauniversity.edu).
3. Announcement through letters (to All Universities of Gujarat, The Deans of Social Sciences/Principals of the Colleges / Heads of the Departments / Institutions)
4. Announcement through E-mail (All Ph.D Guides and Scholars of Saurashtra University)
5. Announcement through Phone (All Ph.D. Scholars of Saurashtra University )

### **3.2 committee for Selection of participants**

In all 48 applicants from with multi disciplines applied for the course. All of the applicants were directly involved in research. At one of the other stage of research out of 48 applicants , 14 were local applicants Where as remaining 34 were from out station

Course Coordinator constructed selection committee.

**Committee members were :**

1. Dr.B.B.Ramanuj(Head, Education Department, Saurashtra University)
2. Dr.M.S.Molia
3. Dr.S.B.Barot
4. Dr.J.D.Dave

5. Dr.S.M.Ghetiya
6. Dr.N.N.Viramgama

### 3.3 Criteria for selection

1. The strength of the research proposals of the applicants.
2. Status of research (pre-data collection/fieldwork phase) and
3. First time applicants for Research Methodology
4. Marks Of Master degree
5. M.Phil Degree
6. Age Of Participants

### 3.4 Discipline wise Distribution of Applicants

No.	Discipline	No. of Applicants	First selection	waiting	Final selection
1	Library Science	3	3		2
2	History	2	2		2
3	Economics	3	3		2
4	Psychology	3	2	1	2
5	Education	35	18	6	20
6	Journalism	1	1		1
7	Sociology	1	1		1
	total	48	30	07	30

### 3.5 Area wise Distribution of Applicants

No.	Area	No. of Applicants	First selection	waiting	Final selection
1	Local	14	10	04	10
2	Out station	34	30	03	20
	total	48	30	07	30

Note : in final selection of 30 students 3 students had not completed their full attendance.

### 3.6 List of selected candidates

The list of 30 finally selected applicants is given in appendix No.

### 3.7 Waiting List Benefit

After Selection Process 30 candidates Were Selected Out of 48 Applicants. If Any Participate Was Did not Attend The Course, other one Benefited of the course. Thus Course

Coordinator Dr.B.B.Ramanuj and Selection Committee declared Waiting list of Applicants. Three Selected applicants Did not Come In Course of some social reason. The Selection Committee Called upon Waiting List the Candidates who were 3 Candidates got Benefits Of the course because of this procedure.

### **3.8 Facilities and Reading Materials provided to Participate.**

The Main Objective of Course was Knowledge Empowerment. Our Team arranged all type of Learning Facilities For Participants. This were provided the following facilities as and when needed.

1. Hostel / guesthouse for outstation participants
2. Library facility for reading
3. Computer laboratory Facility
4. Research Book of Dr.R.C,Khothari
- 5 .SPSS Book of Dr.A.D.Ambasna
6. Computer and Research Books Of Dr.A.D.Ambasna
7. Wolet File With Pad And Pen
8. All Expert Lecture Note/list of Reference Book (Soft and Hard Copy)
9. SPSS Practice Book

## **4. The course content and the faculty**

**Day 1 : Sunday , February 28,2016**

10:00 to 10:30 Distribution Of Registration Kit

10:30 to 12:00 Dr. Diptiben Oza

Head & Associate Professor ,Department of Education

M.S.University ,Vadodara

- Nature of Scientific Method and its Application to social Phenomenon & Nature Importance and Scope of Research

12:00 to 12:15 Discussion with Resource person

12:15 to 01:45 Lecture of Dr. Diptiben Oza

- Types of Research: Historical, Analytical. Interdisciplinary, Evaluative,Participative and Action Research

**01:45 to 02:30 Lunch Break**

02:30 to 04:00 Dr. Jayantbhai Vyas

Head & Associate Professor ,Department of Education

Bhavnagar University , Bhavnagar

- Steps in the Process of Research –Problem Selection, Formulation and Planning:  
How to write a Proposal

04:00 to 04:15 Discussion with Resource person and Tea with Snacks Break

04:15 to 05:45 Lecture of Dr. Jayantbhai Vyas

- Types of Research Design: Exploratory, Diagnostic, Descriptive

### **Day 2: Monday, February 29, 2016**

10:00 to 10:30 Tea With Snacks

10:30 to 12:00 Dr. Dineshchandra Uchat

Ex. Head & Associate Professor ,Department of Education

Saurashtra University , Rajkot

- Types of Research: Experimental; Control Group & Experimental Group; Ex-post Facto Research Design.

12:00 to 12:15 Discussion with Resource person

12:15 to 01:45 Lecture of Dr. Dineshchandra Uchat

- Concepts in Research : Variables, Attributes

**01:45 to 02:30 Lunch Break**

02:30 to 04:00 Dr. P.G.Marvania

Head & Associate Professor ,Department of economic

Saurashtra University , Rajkot

- Descriptive Statistics: Measurement of Central Tendency, Dispersion, Skewness, Kurtosis, Regression and Correlation

04:00 to 04:15 Discussion with Resource person and Tea with Snacks Break

04:15 to 05:45 Lecture of Dr. B.B.Ramanuj

Head & Associate Professor ,Department of Education

Saurashtra University , Rajkot

- Allotment of a Small field study to the participants

### **Day 3: Tuesday, March 1, 2016**

**Tea With Snacks 10:00 to 10:30**

10:30 to 12:00 Dr. Sobhnaben Joshi



Associate Professor, Babashaheb Ambedkar University,Aurangabad

- Universe,Nature & Types of Sampling: Probability Sampling: Simple Random Sampling, Proportionate and Disproportionate Stratified Random Sampling, Cluster Sampling

12:00 to 12:15 Discussion with Resource person

12:15 to 01:45 Lecture of Dr. Sobhnaben Joshi

- Non-Probability Sampling: Accidental Sampling, Quota Sampling, Purposive Sampling, Snowball Sampling

01:45 to 02:30 Lunch Break

02:30 to 04:00 Dr.Diptiben Kundal

Associate Professor, C.U.Shah University

- Tool of Data Collection: Primary & Secondary-Questionnaire, types and Formats;

04:00 to 04:15 Discussion with Resource person and Tea with Snacks Break

04:15 to 05:45 Lecture of Dr.Diptiben Kundal

#### **Day 4 : Wednesday, March 2, 2016**

**Tea With Snacks 10:00 to 10:30**

10:30 to 12:00 Dr. I.T.Sharma

Head of department , Aagakhan Education Service India

- Observation

12:00 to 12:15 Discussion with Resource person

12:15 to 01:45 Lecture of Dr. I.T.Sharma

- Case Study Method

01:45 to 02:30 Lunch Break

02:30 to 04:00 Dr. J. D. DAVE

I/C Principal, P.D.M Teachers Graduate College

- Content analysis

04:00 to 04:15 Discussion with Resource person and Tea with Snacks Break

04:15 to 05:45 Lecture of Dr. J. D. DAVE

- Rating Scales : Osgood, Bogardus

**Day 5: Thursday, March 2, 2016**

**Tea With Snacks 10:00 to 10:30**

10:30 to 12:00 Dr.Satishbhai Shukla

Asso. Professor, Gujarat University

- Rating Scales : Thurston; Likert: Guttman

12:00 to 12:15 Discussion with Resource person

12:15 to 01:45 Lecture of Dr.Satishbhai Shukla

- Participatory Research:PRA&PRA

01:45 to 02:30 Lunch Break

02:30 to 04:00 Dr.Amrutbhai Bharwad

- Qualitative and Quantitative Research Design Grounded Theory, Case Study

Asso. Professor, Gujarat University

04:00 to 04:15 Discussion with Resource person and Tea with Snacks Break

04:15 to 05:45 Lecture of Dr.Amrutbhai Bharwad

- Ethnographical Perspective

**Day 6: Friday, March 4, 2016**

**Tea With Snacks 10:00 to 10:30**

10:30 to 12:00 Dr. H.O.Joshi

Ex. HOD Education, Saurashtra University

- Phenomenological Perspective

12:00 to 12:15 Discussion with Resource person

12:15 to 01:45 Lecture of Dr. H.O.Joshi

- Ethnomethodological Perspective

01:45 to 02:30 Lunch Break

02:30 to 04:00 Dr. B.B.Ramanuj

Head & Associate Professor ,Department of Education

Saurashtra University , Rajkot

- Hypotheses: Concepts & Types of Hypotheses, Formulation of Hypothesis, Testing of Hypothesis

04:00 to 04:15 Discussion with Resource person and Tea with Snacks Break

04:15 to 05:45 Lecture of Dr. N.N.Viramgama

Assi. Professor, J.K.M. M.Ed College Junagadh

- Measurement of Correlation: Karl Pearson's Correlation and Rank Correlation

**Day 7: Saturday, March 5, 2016**

**Tea With Snacks 10:00 to 10:30**

10:30 to 12:00 Dr. N.N.Viramgama

Assi. Professor, J.K.M. M.Ed College Junagadh

- Statistical Inference : Point and interval Estimates, Parametric and Non Parametric Test (Chi-Square, Test of Differences, Significance and Freedom )

12:00 to 12:15 Discussion with Resource person

12:15 to 01:45 Lecture of Dr. N.N.Viramgama

- Analysis of Variance and Co-Variance : One way and two way classification

01:45 to 02:30 Lunch Break

02:30 to 04:00 Dr. S.M.Ghetiya

Asso. Professor, P.D.M Teachers Graduate College

- SPSS

04:00 to 04:15 Discussion with Resource person and Tea with Snacks Break

04:15 to 05:45 Lecture of Dr. S.M.Ghetiya

- SPSS

**Day 8: Sunday, March 6, 2016**

**Tea with Snacks 10:00 to 10:30**

10:30 to 12:00 Dr.A.D.Ambasana

Ex. HOD Education, Saurashtra University

- SPSS

12:00 to 12:15 Discussion with Resource person

12:15 to 01:45 Lecture of Dr.A.D.Ambasana

- SPSS

01:45 to 02:30 Lunch Break

02:30 to 04:00 Pardipbhai Jobanputra

I/c. Com Department , P.D.M Comm. College

- SPSS

04:00 to 04:15 Discussion with Resource person and Tea with Snacks Break

04:15 to 05:45 Lecture of Pardipbhai Jobanputra

- SPSS

### **Day 9: Monday, March 7, 2016**

#### **Tea With Snacks 10:00 to 10:30**

10:30 to 12:00 Dr.Bharatbhai Joshi

Professor, Gujarat Vidhyapith

- Report Writing

12:00 to 12:15 Discussion with Resource person

12:15 to 01:45 Lecture of Dr.Bharatbhai Joshi

- How to Write an academic Research Paper

01:45 to 02:30 Lunch Break

02:30 to 04:00 Dr.A.D.Ambasana

Ex. HOD Education, Saurashtra University

- References in Report Writing (Style Sheet)

04:00 to 04:15 Discussion with Resource person and Tea with Snacks Break

04:15 to 05:45 Pardipbhai Jobanputra

I/c. Com Department , P.D.M Comm. College

- References in Report Writing (Style Sheet)

### **Day 10: Tuesday, March 8, 2016**

### **Tea With Snacks 10:00 to 10:30**

10:30 to 12:00 Dr. J. D. DAVE

- Field Report Presentations

12:00 to 12:15 Discussion with Resource person

12:15 to 01:45 Dr.K.J.Desai

Ex. Principal, P.D.M Teachers Graduate College

- Field Report Presentations

01:45 to 02:30 Lunch Break

02:30 to 04:00 Dr.M.S.Molia

Associate Professor ,Department of Education

Saurashtra University , Rajkot

- Field Report Presentations

04:00 to 04:15 Discussion with Resource person and Tea with Snacks Break

04:15 to 05:45 Dr. S.M.Ghetiya

- Field Report Presentations

## **5. Field study Work**

### **5.1 Type of Work.**

All Participants were given a individual small Field Work by Dr.B.B.Ramanuj. Day -2 of This Course In Post Lunch Session-II Dr. Ramanuj gave a several topics of Research from Past Ph.D Students Research with depth discussion on process of research. Participants Selected one topic to prepare a research paper on various titles.

### **5.2 Allotment of a Small Field study to the Participate**

Our Team Slected 30 Ph.D. Research Report For Prepared Research Paper. one By One Research Report gives to Participate and Instructed about Research Paper Prepared. After Preparing All Research Paper Were Published in Department ISSN Journal.

### **5.3 Guidance about Field Study**

Dr.D.A.Uchat is expertise was very useful and proved to be actual guidance to participants on 2d, March-2016, (from 6.00 to 8.00 pm) Dr.D.A.Uchat discussed how to write

Research Paper and also steps of preparing Research Paper, and also discussed Types of Research Paper.

#### **5.4 Presentation of Field Report**

Last Day Of Course was 8 th, March ,2016,all Participants prepared their reports of Field Work and Presented them one by one. Some Instructions and Guidance given by Expert for them. It was very Interesting and Knowledgeable experience for them.

**Note:** *All Research Papers were Published in EDUCARTA the International Multidisciplinary Research Journal With ISSN.*

### **6.Evaluation by Participants**

1. Speaking generally, how would describe the Course ? Would you say
  - The Course was a great success majority student say- yes
2. What About is Coverage ? Do you think that the topics covered by the course are adequate for this kind of training ?
  - Adequate majority student say- yes
3. How do you view such over-emphasis
  - It was good and describe majority students say yes
4. Was the three hours duration of lectures
  - Too much majority students say yes
5. How do you feel about the time Schedule
  - It was alright majority Student say yes
6. To what extent were the practical helpful ?
  - Very helpful majority students say yes
7. What is your opinion regarding the practical
  - Necessary majority students say yes
8. How did you find the general atmosphere of the institution? Was it
  - Very cordial and personalized?
  - majority students say yes
9. What do you think you personally gained through this Course?
  - I had no formal training in methodology and therefore I learnt a lot.
  - majority students say yes
10. On the academic front, taking an overall view, what do you think were the
  - highlights /
  - weaknesses of the Course?
11. Were the arrangements made for your stay and for boarding satisfactory
  - Satisfactory

ParametersScale grade

1. Relevance of the Course

2. Applicability of the course for present job	89.6
3. Extent of coverage of the course content	90.8
4. Learning values in terms of:	42.4
* Concepts	88.4
*Knowledge	90.8
*Analytical abilities	83.2
*Broadening perspectives	76.8
5. Appreciating and implementing experimental methodology wherever applicable	91.2
6. Improving use of appropriate audio visual technology	81.2
7. Effectiveness of programme delivery/communication	91.2
8. Competence of resource persons	93.2
9. Effectiveness of skill development	93.6
10. Relevance and usefulness of the reading materials	90
11. Duration of the programme	90
12. Scope of implementation	85.6
13. Keeping abreast of the latest development in your discipline/subject	88.4
14. Research orientation	77.6
15. Use of innovative and participative learning methods	93.6
16. Any other aspects of impact on professional orientation and development	88

## **7. From Course Director Desk**

I am Very Thankful to ICSSR as We were given Selected for this Opportunity to Organise a Ten Day Research Methodology Course This happened for the first time in Saurashtra University Education Department. We are Satisfied that we could in Empowerment of research Methodology Knowledge. Completion of course we were experienced of best work ahead a good researcher development. Within a course Participates were learning about Discipline, Time Management ,Education and Research. In Future We are ready for next Programme for Empowerment of Knowledge. some valuable suggestion was given bellow for more best work in Research.

1. 'References in Report Writing' Is in the ICSSR Schedule but 'Review of Literature' was not in Schedule.
2. ICSSR Schedule Prepared Very well But Some degree of change in the Order of Topics should be given to Course Coordinator
3. The list of expert as provided by ICSSR on website does not look sufficient. Moreover it seems that it has not been updated with the latest detail.

With sincere thanks

Dr.B.B.Ramanuj  
Head/Associate Professor  
Department of Education  
Saurashtra University  
Rajkot



Sr.No	Day	Date	Session	Themes to be Covered	Expert
1	Day-1	28/02/2016	Pre-Lunch Session-I	Nature of Scientific Method and its Application to social Phenomenon & Nature Importance and Scope of Research	Dr. Diptiben Oza
2	Day-1	28/02/2016	Pre-Lunch Session-II	Types of Research: Historical, Analytical, Interdisciplinary, Evaluative, Participative and Action Research	Dr. Diptiben Oza
3	Day-1	28/02/2016	Post-Lunch Session-I	Steps in the Process of Research – Problem Selection, Formulation and Planning: How to write a Proposal	Dr. Jayantbhai Vyas
4	Day-1	28/02/2016	Post-Lunch Session-II	Types of Research Design: Exploratory, Diagnostic, Descriptive	Dr. Jayantbhai Vyas
5	Day-2	29/02/2016	Pre-Lunch Session-I	Types of Research: Experimental; Control Group & Experimental Group; Ex-post Facto Research Design	Dr. D.A. Uchat
6	Day-2	29/02/2016	Pre-Lunch Session-II	Concepts in Research : Variables, Attributes	Dr. D.A. Uchat
7	Day-2	29/02/2016	Post-Lunch Session-I	Descriptive Statistics: Measurement of Central Tendency, Dispersion, Skewness, Kurtosis, Regression and Correlation	Dr. P.G. Marvania
8	Day-2	29/02/2016	Post-Lunch Session-II	Allotment of a Small field study to the participants	Dr. B.B. Ramanuj
9	Day-3	01/03/2016	Pre-Lunch Session-I	Universe, Nature & Types of Sampling: Probability Sampling: Simple Random Sampling, Proportionate and Disproportionate Stratified Random Sampling, Cluster Sampling	Dr. Sobhnaben Joshi
10	Day-3	01/03/2016	Pre-Lunch Session-II	Non-Probability Sampling: Accidental Sampling, Quota Sampling, Purposive Sampling, Snowball Sampling	Dr. Sobhnaben Joshi
11	Day-3	01/03/2016	Post-Lunch Session-I	Tool of Data Collection: Primary & Secondary-Questionnaire, types and Formats;	Dr. Diptiben Kundal
12	Day-3	01/03/2016	Post-Lunch Session-II	Schedule, Interview	Dr. Diptiben Kundal
13	Day-4	02/03/2016	Pre-Lunch Session-I	Observation	Dr. I.T. Sharma
14	Day-4	02/03/2016	Pre-Lunch Session-II	Case Study Method	Dr. I.T. Sharma
15	Day-4	02/03/2016	Post-Lunch Session-I	Content analysis	Dr. J. D. DAVE
16	Day-4	02/03/2016	Post-Lunch Session-II	Rating Scales : Osgood, Bogardus	Dr. J. D. DAVE
17	Day-5	03/03/2016	Pre-Lunch Session-I	Rating Scales : Thurston; Likert; Guttman	Dr. Satishbhai Shukla
18	Day-5	03/03/2016	Pre-Lunch Session-II	Participatory Research: PRA & PRA	Dr. Satishbhai Shukla
19	Day-5	03/03/2016	Post-Lunch Session-I	Qualitative and Quantitative Research Design Grounded Theory, Case Study	Dr. Amrutbhai Bharwad
20	Day-5	03/03/2016	Post-Lunch Session-II	Ethnographical Perspective	Dr. Amrutbhai Bharwad
21	Day-6	04/03/2016	Pre-Lunch Session-I	Phenomenological Perspective	Dr. H.O. Joshi
22	Day-6	04/03/2016	Pre-Lunch Session-II	Ethnomethodological Perspective	Dr. H.O. Joshi

23	Day-6	04/03/2016	Post-Lunch Session-I	Hypotheses: Concepts & Types of Hypotheses, Formulation of Hypothesis, Testing of Hypothesis	Dr. B. B. Ramanuj
24	Day-6	04/03/2016	Post-Lunch Session-II	Measurement of Correlation: Karl Pearson's Correlation and Rank Correlation	Dr. N.N. Viramgama
25	Day-7	05/03/2016	Pre-Lunch Session-I	Statistical Inference : Point and interval Estimates, Parametric and Non Parametric Test (Chi-Square, Test of Differences, Significance and Freedom )	Dr. N.N. Viramgama
26	Day-7	05/03/2016	Pre-Lunch Session-II	Analysis of Variance and Co-Variance : One way and two way classification	Dr. M. S. Molia
27	Day-7	05/03/2016	Post-Lunch Session-I	SPSS	Dr. S.M. Ghetiya
28	Day-7	05/03/2016	Post-Lunch Session-II	SPSS	Dr. A.D. Ambasana
29	Day-8	06/03/2016	Pre-Lunch Session-I	SPSS	Pardipbhai Jobanputra
30	Day-8	06/03/2016	Pre-Lunch Session-II	SPSS	Dr. S.M. Ghetiya
31	Day-8	06/03/2016	Post-Lunch Session-I	SPSS	Dr. A.D. Ambasana
32	Day-8	06/03/2016	Post-Lunch Session-II	SPSS	Pardipbhai Jobanputra
33	Day-9	07/03/2016	Pre-Lunch Session-I	Report Writing	Dr. Bharatbhai Joshi
34	Day-9	07/03/2016	Pre-Lunch Session-II	How to Write an academic Research Paper	Dr. Bharatbhai Joshi
35	Day-9	07/03/2016	Post-Lunch Session-I	References in Report Writing (Style Sheet)	Dr. Jyotsana Rajvanshi
36	Day-9	07/03/2016	Post-Lunch Session-II	References in Report Writing (Style Sheet)	Dr. Jyotsana Rajvanshi
37	Day-10	08/03/2016	Pre-Lunch Session-I	Field Report Presentations	Dr. M.S. Molia
38	Day-10	08/03/2016	Pre-Lunch Session-II	Field Report Presentations	Dr. M.S. Molia
39	Day-10	08/03/2016	Post-Lunch Session-I	Field Report Presentations	Dr. K.J. Desai
40	Day-10	08/03/2016	Post-Lunch Session-II	Field Report Presentations	Dr. K.J. Desai



# Department of Education

Saurashtra University, Rajkot (Gujarat) -360 005

## Research Methodology Course for Ph.D. Scholars

**Date : 28<sup>th</sup> Feb. to 08<sup>th</sup> March 2016**

**Organized by :** Department of Education, Saurashtra University, Rajkot, Gujarat

**Sponsored by :** Indian Council of Social Science Research, New Delhi

### Application Form

Name : \_\_\_\_\_

Gender (Male/Female) \_\_\_\_\_

Social Category (SC/ST/OBC/General) \_\_\_\_\_

Date of Birth : \_\_\_\_\_

Name and Address of Institute/University/College : \_\_\_\_\_

Educational Qualification : \_\_\_\_\_

Discipline : \_\_\_\_\_

Topic of Research : \_\_\_\_\_

Name of Guide and University \_\_\_\_\_

Residential Address : \_\_\_\_\_

Have you attended similar course earlier : Yes [ ] No [ ]

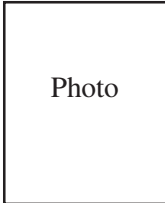
If yes, provide details : \_\_\_\_\_

Telephone No./Mobile No. : \_\_\_\_\_

E-mail : \_\_\_\_\_

Accommodation Required : Yes [ ] No [ ]

Date : \_\_\_\_\_



Photo

Signature of the Applicant



# Department of Education

Saurashtra University, Rajkot (Gujarat) -360 005

Respected Sir/Madam,

**Sub. :** Ten Day Research Methodology Course for  
Registered Ph.D. Scholars of Social Sciences.

It is a matter of great pleasure to announce that The Department of Education, Saurashtra University, Rajkot is going to organize a Ten Day Research Methodology Course in Social Sciences for Ph.D. research scholars sponsored by the ICSSR, New Delhi.

- \* The Course is designed to impart knowledge on Research Methodology in the context of development of Social Research with theoretical and ethical aspects.
- \* The Dean of Social Sciences/Principal of the Colleges / Head of the Departments / Institutions are requested to circulate the same to respected Departments / Colleges/Institutions for wide participation of the registered Research Scholars of Social Sciences.
- \* The detailed announcement/guidelines and application form for the participants are attached herewith or also available on website [www.saurashtrauniversity.edu](http://www.saurashtrauniversity.edu).

Thanking you in anticipation.

Sincerely yours

**Dr. B. B. Ramanuj**  
Head  
Department of Education  
Saurashtra University,  
Rajkot, Gujarat 360 005



## Department of Education

Saurashtra University, Rajkot (Gujarat) -360 005

### ANNOUNCEMENT

## **Research Methodology Course in Social Sciences For Ph.D. Scholars**

**Date : 28<sup>th</sup> Feb. to 8<sup>th</sup> March 2016**

The Department of Education, Saurashtra University, Rajkot is going to organize a Ten Day Research Methodology Course in Social Sciences for registered Ph.D. scholars. Applications are also invited from scholars. The Course is designed to impart knowledge on Research Methodology in the context of development of social science research with theoretical and ethical aspects. The Course follows the prescribed syllabus of Research Methodology designed by the ICSSR, New Delhi.

### **Objectives of the Course :**

The main objectives of the Course are as follows :

- 1 To enable the participants to develop their conceptual clarity and practical knowledge about research.
- 1 To enhance the capability of doing quality research among Ph.D. Research Scholars and give them a thorough exposure to research methodology and data analysis with the help of SPSS.
- 1 To give participant's hints in conducting field survey, preparing a field report, project proposal and writing quality research papers/articles.

### **Eligibility of the Participants :**

Registered/enrolled Ph.D. Scholars of any Indian University/Institution/ College in any branch of Social Sciences are eligible to apply in the prescribed application form. **M.Phil. students and faculty members are not eligible for this Course.** Candidate will be selected on the basis of (1) the strength of their research proposals (2) status of research (pre-data collection/fieldwork phase) and (3) first time applicants for Research Methodology.

### **How to Apply :**

Interested candidates may download the prescribed Application Form from the Department / University website **www.saurashtrauniversity.edu**. Application form in **hard copy** is to be sent to Course Director, Department of Education, Saurashtra University, Rajkot before **23<sup>th</sup> February, 2016**.



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The duly filled in application form must be accompanied with the following enclosures :

1. Brief CV of the applicant and scanned copy of the supporting documents.
2. A brief note about his/her research in about 250 words.
3. Caste/Community Certificate for SC/ST/OBC/Minority participants.
4. Copy of Research Proposal.
5. The certificate of research status obtained from concerned guide.

### **Registration Fee :**

There is no Fee for the participants, but selected participants will have to deposit Rs. 500/- as earnest money to be sent by D.D. in favor of 'Course Director, Department of Education, Saurashtra University, Rajkot', Payable at Rajkot on the first day of course. This amount is refundable after full attendance in the course.

### **Accommodation & Travel Allowances :**

Accommodation will be provided to the outstation Participants only. Travel allowance by the shortest distance (to and fro fare by Bus or second class sleeper by Train) will be reimbursed to the outstation participants as per the ICSSR guidelines.

### **Dates and Venue of the Course :**

The Course will be conducted during 28<sup>th</sup> Feb. to 8<sup>th</sup> March 2016. Department of Education, Saurashtra University, Rajkot - 360 005

The last Date for receipt of the application : **23<sup>th</sup> Feb, 2016**

The selected participants would be intimated through E-mail : **24<sup>th</sup> Feb. 2016**

### **Correspondence Address :**

#### **Dr. B. B. Ramanuj**

Head, Department of Education, Saurashtra University, Rajkot - 360 005  
**0281 - 2578505, 2588124** (Time : 11:00 a.m. to 6:00 p.m.)

Course Director

**Dr. B. B. Ramanuj**

Head

Department of Education  
Saurashtra University, Rajkot