

# RESEARCH METHODOLOGY and PERSONALITY DEVELOPMENT

Date: 10-03-2022 to 12-03-2022

Venue: Government Meera Girls College, Udaipur

## REPORT ON THE PROCEEDINGS OF THE ACTIVITY



Organized by:



**GOVERNMENT MEERA GIRLS COLLEGE,  
Meera Marg, Sardarpura Road,  
UDAIPUR-RAJASTHAN**

*Sponsored By*



**राजीव गांधी राष्ट्रीय युवा विकास संस्थान**  
**RAJIV GANDHI NATIONAL INSTITUTE OF YOUTH DEVELOPMENT**  
संसदीय अधिनियम की सं. 35/12 के तहत राष्ट्रीय महत्व का संस्थान  
Institution of National Importance by the Act of Parliament No.35/12  
युवा कार्यक्रम और खेल मंत्रालय, भारत सरकार  
Ministry of Youth Affairs and Sports, Government of India  
श्रीपेरुम्बुदुर - 602 105.  
Sriperumbudur - 602 105.



**RAJIV GANDHI NATIONAL INSTITUTE OF YOUTH DEVELOPMENT**  
**(Institution of National Importance by the Act of Parliament No. 35/2012)**  
**Ministry of Youth Affairs & Sports**  
**Government of India**  
**Sriperumbudur – 602 105, Tamil Nadu.**

**Programmes for Development of Youth through National Institutes / Central Universities / State Universities and Affiliated Colleges**

**Title of the Programme: “RESEARCH METHODOLOGY And PERSONALITY DEVELOPMENT”**

**REPORT ON THE PROCEEDINGS OF THE ACTIVITY**

- |   |  |
|---|--|
| 1. <b>Name and address of the University/College/Institute:</b> | <b>GOVERNMENT MEERA GIRLS COLLEGE, UDAIPUR-RAJASTHAN</b>               |
| 2. <b>Type &amp; Format of the Activity:</b>                    | <b>Three Days Training Programme<br/>Offline Format</b>                |
| 3. <b>Title of the Activity:</b>                                | <b>“RESEARCH METHODOLOGY And PERSONALITY DEVELOPMENT”</b>              |
| 4. <b>Dates:</b>  | <b>From 10-03-2022 to 12-03-2022</b>                                   |
| 5. <b>Venue:</b>  | <b>SEMINAR HALL, Government Meera Girls College, Udaipur-Rajasthan</b> |

6. **Need for the Activity:**

Research is a form of systematic enquiry to delve deeper into a subject and produce socially relevant results. There are varied forms of research; each characterized by different methodologies.

Research methodology holds prime importance as it outlines the course of the research endeavour and its outcome.

As a researcher, it is mandatory for one to understand the basics, have a core idea to satisfy the purpose of Research and establish an acceptable conclusion. The current FDP was an effort to enrich the Young Faculties & Research scholars in different disciplines on research methodology and covered the basics of research methodology, focusing on theoretical and practical inputs. Specifically, it was focused on thinking like a researcher, formulating a research problem, conducting literature review, data collection methods, sampling design, selecting appropriate parametric or non-parametric statistical method for analyzing data, report writing and research publications.

Besides, this FDP also focused on creating a lively interest in soft skills and personality development for the career development and professional satisfaction of young researchers and faculty members.

Change and development of the learner presupposes the change and development of the young researchers. In order to become the best in our field, we need not only focus on the hard or

technical skills, but also on the soft or life skills. Therefore, this FDP was an attempt to inculcate humane aspects of teaching-learning process in the young participants.

7. **Objectives of the Activity:**

- Scientific and Doctoral Research: Thinking Like a Researcher
- Research Design and Types
- Data collection and Data Visualization
- Analysis of Data and Techniques
- Systematic Literature Review
- Developing an understanding about Qualitative and Quantitative Data Analysis
- Writing Research Report and Research Papers
- Advanced Searching Tools and Referencing Tools
- To create awareness on the significance of soft skills of Personality for the career.
- To improve the professional dedication of young researchers and teachers.
- To equip researchers and teachers to carry their research and teaching more effectively by blending their soft skills with hard skills.
- To inspire young researchers and teachers with leadership skills.
- To make them superior human beings.

8. **Proceeding of the Activity:**

The Rajiv Gandhi National Institute of Youth Development (RGNIYD) who has funded this program basically aims to reach out to the entire nation by emanating knowledge through academic programs of quality and relevance, which are skill-based, professional and job-driven. RGNIYD is an Institution of National Importance introduced by the Act of Parliament No.35/2012 under the Ministry of Youth Affairs and Sports, Government of India and aspires to be the Centre of excellence for youth development of India. It is conducting programs for Development of Youth through National Institutes/Central Universities/ State Universities and Affiliated Colleges.

The said programme has been organized in collaboration of Govt. Meera Girls College, Udaipur and RGNIYD for the duration of three days in offline mode. In it 43 students, research scholars and newly appointed Assistant Professors have been enrolled as participants for the Faculty Development Programme. This programme is designed to update the participants about the importance of research, how to conduct quality research, the various stages of a sound research, data analysis aspects and how to bring about good publications. Also, to help in overall personality development by bringing improvement in confidence level, communication, presentation, interview skills thus leading to better personal & professional relationships as well as improved productivity and growth of the participants.

**DAY ONE (10/03/2022)**

Inaugural Session was held on 10<sup>th</sup> March 2022 and the Chairperson was Dr. Shashi Sanchihar, Principal Govt. Meera Girls College, Udaipur. The programme started with the welcome of the Chairperson Dr. Shashi Sanchihar. The Principal addressed the participants and, in her speech, she discussed about the programme and its benefits for the participants. The coordinator of the programme, Dr. Deepak Maheshwari welcomed the Chief Guest and the participants and gave a blueprint about the programme. He shared his views on the importance of conducting such programme. It was followed by a Vote of Thanks by Dr. Anju Beniwal and furthered the thought that such a programme helps a researcher to find his path towards a successful and empirical research.

Session 1 commenced at 10:00 AM by the resource person Vineet Baya, Career

Counsellor, Udaipur on the topic Personality Development-I. In this session, the resource person started his presentation by giving his brief introduction and his role as a passionate educationist, trainer, and motivator. He showed and explained various quotes and life experiences of successful personalities like Bill Gate, CEO, Microsoft, Dhirubhai Ambani, Chairman, RIL, Amitabh Bachchan, Thespian and Mother Teresa, Nobel Peace prize winner. He explained the importance of bringing change in one's life and grabbing the opportunities that come in the way. He defined success, which should be tailored to the needs of the society, one's knowledge and satisfaction. He gave an example for the same, taking class which, you want to teach or which the students need. He gave importance to the need of having diversity in knowledge.

Session 2 began at 11:30 AM continued by the resource person Vineet Baya, Career Counsellor, Udaipur on the topic Personality Development-II. In the next session he gave four key takeaways: one must bring a transformational change to prepare oneself for the world by bringing diversity in knowledge and grabbing the opportunities accordingly. He gave stress on preparing oneself for the real world and elevating one's knowledge to the world standards. He also gave importance on physical appearance and carrying oneself professionally in respective fields. Next takeaway was to have a vision & mission in life i.e. finding one's call. To find one's strengths and weaknesses and working on the same. The next was giving back to society, giving respect, and leveraging human capital. Motivating and appreciating is essential for the same and one should not pass the blame of failure on other's shoulders. The last takeaway was to be humane, showing compassion and benevolence in everyday routine.

Session 3 commenced at 1:30 PM by the resource person Prof. Subhash Sharma, Director, Pacific Law College, Udaipur on the topic Communication & Presentation Skills- I. The resource person started the session by taking introduction from two of the participants with the aim of showing how one should give his/her introduction. He covered various aspects of verbal and non-verbal communication through real life examples. He focused on LSRW i.e. listening, speaking, reading and writing skills. He showed a video clip to focus on the correct pronunciation of commonly said words. Exercises were done to lay the importance on correct pronunciation and stress on words. At the same time importance of kinesics i.e. gestures, posture, eye contact and facial expressions in one's daily life through live examples and exercises. He laid stress on the significance of developing soft skills and practicing them in one's day-to-day routine.

Session 4 started at 3:00 PM, continued by the resource person Prof. Subhash Sharma, Director, Pacific Law College, Udaipur on the topic Communication & Presentation Skills- II. This session included role plays by dividing the participants into team of two and were made to select a random topic by choosing a card from a deck of cards provided by the resource person. The aim was to showcase different types of business conversations and the usage of words and body language. At the end of the role play, the resource person gave his feedback. Various barriers to communication which hinders one's ability to express views & knowledge were discussed. Majorly four types of communication barriers were discussed such as semantic, psychological, physiological, and cultural barriers along with examples. The skills and preparation required for giving a presentation was shown through a video clip. Presenting is a skill which is developed through experience and training, thereby tips were given for planning and organizing a presentation.

## **DAY TWO (11/03/2022)**

Session 1 commenced at 10:00 AM by the resource person Ms. Archana Singh,

Freelance Trainer on the topic Confidence Building. She took an introduction of all the participants by shaking hands with each one of them. She showed the correct way of shaking hands as well as different types of handshakes. The session focused on developing leadership qualities, which starts by doing a self-analysis and by gaining knowledge. She stressed on importance of body language & appearance and on concepts like kinesics and proxemics through activities. Different types of personalities such as introverts, extroverts, sensors, intuitive, thinkers, judges, feelers, and perceivers. Personality depends on various aspects such as social, religious, economic, intellectual, emotional, and physical. Various leadership styles in education - authoritative, democratic, authoritarian and complaint was discussed and its impact on teaching.

Session 2 started at 1:30 PM continued by the resource person Ms. Archana Singh, Freelance Trainer on the topic Interview skills. This session taught about negotiation skills used in interviews and meetings. The concepts like paralanguage, kinesics and physical appearance plays a great deal in negotiation. Perfect seat-meeting psychology was explained through an interactive session. This explained the psychology of power play in corporate meetings. A picture of a presentation of different seat arrangement was shown and the participants had to choose one seat. After that the resource person explained the psychology behind different seats and the importance of the same. The session was concluded by the resource person by randomly dividing the participants into teams of five. The participants had to build a paper bridge without using any adhesive or staple pins within a timeframe of 20 minutes. The teams also had to select a name for the team and a team leader as well. At last, the team had to present their paper bridge to the resource paper. This exercise was done to develop and promote teamwork among the participants.

Session 3 started at 1:30 PM by the resource person Prof. G. Soral, Retired Professor, Department of Accountancy & Statistics, MLSU on the topic Scientific and Doctoral Research. The session started with the explanation of concepts like meaning, types & objectives of scientific research - the search of knowledge through objective and systematic methods and moving from the known to unravel the unknown. The objectives of scientific research Exploratory or Formulative research, Descriptive research, Diagnostics research and Hypotheses Testing research was explained with associated examples. Doctoral research should reflect the ability of sound judgement and analysis, there should be discovery of new facts or new interpretation of existing facts and a cohesive and literary presentation. Research Design in the process of research was explained as well as various types of research design.

Session 4 started at 3:00 PM continued by the resource person Prof. G. Soral, Retired Professor, Department of Accountancy & Statistics, MLSU on the topic Sampling Design. It started with explaining the sampling design which is one of the components of research design. Certain concepts such as universe, population, census and sample were explained. Types of sampling techniques, probability (simple random, systematic, stratified and cluster sampling and non-probability methods (Convenience, judgmental, quota and snowball sampling) - were discussed with the students through examples.

### **DAY THREE (12/03/2022)**

Session 1 commenced at 10:00 AM by the resource person Dr. Deepa Soni, Assistant Professor (Economics), Mohanlal Sukhadia University, Udaipur on the topic Data Analysis. The session started by explaining the process of research- research question, studying review of literature. research design, collection of data, analysis of data and interpretation of data. The concept of data analysis which means use of suitable tools and technique on collected data on the other hand data interpretation means to draw

conclusion and to find out the cause and effect of the outcome. The session began with explaining the meaning of data and its types- qualitative & quantitative data. The qualitative data includes nominal data and ordinal data and quantitative data includes discrete data and continuous data. The various levels of measurement i.e. nominal, ordinal, interval and ratio were discussed. Kinds of data analysis - inferential & descriptive analysis was explained through examples and its working in SPSS. Descriptive analysis includes frequencies, percentage, mean, median, mode, range, standard deviation, coefficient of variation and variance instead inferential analysis comprises of correlation (Karl Pearson coefficient method, rank correlation, concurrent deviation method) and regression analysis.

Session 2 started at 11:30 AM continued by the resource person Dr. Deepa Soni, Mohanlal Sukhadia University, Udaipur on the topic Quantitative Data Analysis. The session started with explaining the objective hypothesis variable test mapping - research question, hypothesis, variable and the applying tests parametric or non-parametric tests, factor analysis or cluster analysis This session stressed on testing of hypothesis-hypothesis of association/causation and hypothesis of difference, univariate, bivariate and multivariate analysis were discussed. Meaning and usage of Parametric tests and Non-parametric tests was explained through examples. Major Parametric tests - Z test and T, ANOVA test are commonly used statistical tool in research methodology. Major non-parametric tests discussed were chi-square test, Wilcoxon rank sum test and Kruskal-Wallis H test.

Session 3 started at 1:30 PM by the resource person Prof. (Dr.) Karunesh Saxena, Vice Chancellor, Sangam University, Bhilwara, Rajasthan on the topic Thinking like a researcher. This session started by discussing the importance of learning in one's life and how learning is lifelong. The resource person explained the importance of finding and selecting research problem. A total of 14 key points was discussed for how to think like a researcher and how to decide a research topic which starts with doing a SWOT analysis, proper career planning, relevancy of the topic in the future, searching shodh Gangotri, develop a problem statement, identifying keywords, search literature, focused search, identifying research gap, identifying research problem, formulate topic, research objectives, formulate hypothesis and choosing dependent and independent variables.

Session 4 started at 3:00 PM continued by the resource person Prof. (Dr.) Karunesh Saxena, Vice Chancellor, Sangam University, Bhilwara, Rajasthan on the topic Research Publications. The session focused on discussing different strategies for publishing one's research. Different types publications such as research article, review paper and journal article were explained and at the same time the difference between a journal article and a research article. Types of journals- refereed journal, double blind peer reviewed journal, indexed and abstracted journals was clarified. Phenomena's like citation index, journal impact factor, ISBN, ISSN was discussed. Three major steps were elaborated which will help in publishing one's research - aligning research paper with one's research, identifying the type of research paper one wants to write and last is identifying potential journal for publishing. Topic citation analysis i.e. the way in which one can measure the quality of research paper written by an author, it is mathematically reflected in terms of H-index (Hirsch index).

#### **VALEDICTORY SESSION**

The valedictory session speech was given by the Chairperson, Dr Shashi Sanchihar, Principal Govt. Meera Girls College, Udaipur and the Chief Guest was Prof. (Dr.) Karunesh Saxena, Vice Chancellor, Sangam University, Bhilwara, Rajasthan. The chief guest congratulated the program coordinators Dr. Deepak Maheshwari and Dr. Anju Beniwal for the successful completion of the three-day Faculty Development Program.

He stressed on the importance of conducting such programs and welcomed the initiative taken by Rajiv Gandhi National Institute of Youth Development, Sriperumbudur, Tamil Nadu and Government Meera Girls College, Udaipur, Rajasthan. It was followed by the address of the Chairperson Dr. Shashi Sanchihar, Principal Govt. Meera Girls College, in which she appreciated the program and how these kinds of programme are beneficial for the research scholar for their future research and overall development. Afterwards the report of the three-day programme was presented by one of the participants Jasleen Kaur, research scholar. It was followed by feedback given by the participants Bhawani Singh and Nikita, they expressed how smoothly the programme was conducted by thanking both the coordinators and conveyed their satisfaction for providing such knowledgeable session which will help them to stay motivated in their respective research fields. It was followed by the online address of Inderjeet Singh Sodi, coordinator of RGNIYD shared his views about this offline three-day faculty development program. He expressed the significance of these programme and congratulated the coordinators-Dr. Deepak Maheshwari and Dr. Anju Beniwal for successfully completing the programme. Lastly, the certificates of participation were distributed to all the participants by the Chief Guest and the Chairperson, accompanied by the coordinators Dr. Anju Beniwal and Dr. Deepak Maheshwari.

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|----|---|-------------|---------------|--------------|
| 9. | Number of total students participated:            | <b>Male</b> | <b>Female</b> | <b>Total</b> |
|    |   | <b>14</b>   | <b>29</b>     | <b>43</b>    |
| 10 | Number of total resource persons participated:    | <b>06</b>   |               |              |
| .  |   |             |               |              |
| 11 | <b>Highlights of the Student's participation:</b> |             |               |              |
| .  |   |             |               |              |





**Udaipur, Rajasthan, India**

5, Residency Rd, near Hanuman Temple, Sardarpura,  
Bhopalpura, Udaipur, Rajasthan 313001, India

Lat 24.5948°

Long 73.694322°

10/03/22 02:56 PM





12 **Highlights of the Student and resource person feedback:**





### 13 Learning Outcomes of the Activity:

After completion of this course, the young participants are able to:

- started thinking like a researcher.
- discuss different methodologies and techniques used in research work.
- explain methods of sampling and data analysis necessary for the conduct of research.
- write the report writing and research publications.
- develop and nurture a deep understanding of personal motivation.
- understand the communication process, its benefits, and challenges
- practice and perform professional written and oral communication
- balance self-confidence with humility.
- develop and articulate a personal philosophy of leadership.
- take responsibility
- think critically
- practice creativity.

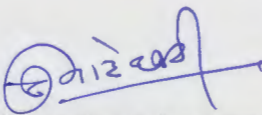
### 14 Highlights of the Activity:






**15 Suggestions to RGNIYD:**

We express our sincere thanks to RGNIYD for providing us this wonderful opportunity to conduct the programme. Our special thanks to Prof. Inderjeet Singh Sodhi (Coordinator-RGNIYD) for his remarkable support and guidance during the programme. It was successful programmes in achieving its objectives according to the feedback of the participants. After having the experience of conducting the programme and keeping in view the feedback of participants, it is our suggestion to organize such training and development programmes for at least seven days duration.

  
**Dr. Deepak Maheshwari & Dr. Anju Beniwal**  
 Activity Coordinators

  
**(Dr. Shashi Sanchihar)**  
 Principal, Govt. Meera Girls College,  
 प्राचार्य Udaipur  
 राजकीय मीरा कन्या महाविद्यालय  
 उदयपुर (राज.)