

## Themes

- Identification of Research Gaps and Selection of Problem
- Quantitative and Qualitative Research Methods
- Trends and Issues in research
- Research Fundamentals
- Basics of data, It's properties and data analysis
- Theory of Hypothesis and Anova
- Tests of Normality, Reliability and Validity
- Writing Research Papers/Reports

## Participation

Eligible to participants:

- Students
- Research Scholars
- Faculty Members
- Other Academicians

## Registration Fees

Registration fee is **Rs.1000/-** (Rupees One thousand only)

Registration fee must be send along with the registration form.

**\*\*** Registration fee can be sent only by demand draft or At par A/C payee cheque or NEFT.

i. **Demand Draft:** In favour of 'International Benevolent Research Foundation' payable at Kolkata.

ii. **NEFT Details:** A/C Name: *International Benevolent Research Foundation*

Bank: *Dena Bank* Branch: *Khardah*

A/c No.: *124810037666* IFSC: *BKDN0911248*

**\*\*** Last date for sending Registration fees: 25th October 2017

**\*\*** Registration fee includes Kit, Tea, Snacks, Lunch for both the days.

**\*\*** There is no provision for Spot Registration.

## Invited Speakers

**Prof. Basab Chaudhuri**  
*Vice Chancellor*  
West Bengal State University

**Prof. Sankar Ghosh**  
*Vice Chancellor*  
University of Kalyani

**Prof. Dipak Ranjan Mandal**  
*Vice Chancellor*  
Sidho Kanho Birsha University

**Prof. Dhrubajyoti Chattopadhyay**  
*Vice Chancellor*  
Amity University

**Prof. A. S. Kolaskar**  
*Vice Chancellor*  
The Neotia University

**Dr. Amit Krishna De**  
*Executive Secretary*  
Indian Science Congress Association

## Venue of the Workshop

### Meghnad Saha Auditorium

*Rajabazar Science College*

*92 A.P.C Road*

*Kolkata- 700009*

## Communication Address

### International Benevolent Research Foundation

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*Kolkata- 700118*

*West Bengal*

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# National Workshop on Research Methodology and Data Analysis

**4 - 5 November 2017**

**Organised by:**



**International Benevolent Research Foundation**  
Kolkata

**In Association with:**



**Indian Academic Researchers' Association**  
Tiruchirapalli

**In Collaboration with:**



**Confederation of Indian Universities (CIU)**  
New Delhi

**Venue:**

**Meghnad Saha Auditorium**  
Rajabazar Science College  
92 A.P.C Road, Kolkata- 700009

[www.ibrf.gen.in](http://www.ibrf.gen.in)

[www.researchindia.ind.in](http://www.researchindia.ind.in)

## About the Workshop

Creation and dissemination of knowledge through research is one of the core functions of the higher learning institutions. Apart from generating new knowledge, the higher learning institutions, particularly the universities also have the responsibility of training the intellectual manpower required for all sectors of the society. Quality of manpower is the most important factor for producing good quality researches. With the passage of time, research as an activity has not received due attention in our universities. Research is considered as a prerequisite for obtaining the degree only. Lack of adequate infrastructure, resource constraints, lack of motivation coupled with a few other factors do not encourage the meritorious students to take up research as a career option. As a result, the quality of the research conducted in our universities has projected a declining trend. This has raised a concern among the academic community, social thinkers and policy makers. Amongst all other factors, training of the researchers is the most crucial one. At present, in most of the universities, except a few disciplines, there is no adequate provision of training on research methodology. The research students often depend upon the supervisor/guide for even finding a suitable research problem. They also find it difficult to proceed further independently. To improve the situation there is a need for providing training on research methodology to the young scholars. The present workshop is an endeavour in this direction. CIU, IARA and IBRF has taken an initiative of organizing such kind of workshop on regular basis. The present workshop will focus on the following Broad themes.

## About the Organisers

**International Benevolent Research Foundation (IBRF):** This is a non government, non profit, non political organization established in the year 2015 & registered under Indian Trust Act 1881. Group of like-minded people associated with scientific, environmental, academic, industrial & social organizations passed a resolution to form a new Research Forum inviting Researchers, Professors, Teachers, Doctors, Scientists, Journalists, Social Workers, Engineers, Architects, Diplomats and other professionals from all over India. The aims and objectives of IBRF are to create awareness about Research Methodology, International Understanding, Human Rights, Scientific & Environmental awareness,

Women Studies, Gender Equality, Conflict Resolution and to bring people on a common forum to discuss about all these burning issues. The ambition of IBRF is to interchange their ideas. Initially IBRF started gathering information to create a new forum that would permit to know about outstanding people and their achievements, so that the people interact with them about our aims and objectives. IBRF have organized many seminars, symposiums, workshops and meetings on the subjects related to their objectives.

**Indian Academic Researchers' Association (IARA):** This is a national, professional and non profit organization with the objective of contributing to Science and Social Science by promoting Research and Development coordination between researchers and academicians working in Educational Institutions.

Presently, IARA is publishing a Quarterly National Journal titled SELP JOURNAL OF SOCIAL SCIENCE (p- ISSN: 0975-9999, e-ISSN:2349-1655), International Biannual Journal titled RESEARCH EXPLORER (p-ISSN :2250-1940,e-ISSN:2349-1647), International Bi-Annual Journal titled TAMILAIVU SANGAMAM (p-ISSN:2320-3412,E-ISSN:2349-1639), International Biannual Journal titled SCIENCE EXPLORE and also published books with ISBN in various titles. IARA signed MoU with various educational institutions to organize seminars, workshops and academic deliberations.

**Confederation of Indian Universities (CIU):** As we approach the Twenty first Century, a number of major challenges face women and men around the world as they interact with one another as individuals, groups, and with nature. Globalisation of trade, of production, and of communications has created a highly interconnected world. Yet the tremendous gaps between the rich and the poor continue to widen both within, and between nations. Sustainable development remains an elusive long-term goal, too often sacrificed for short-term gains.

It is imperative that higher education offer solutions to existing problems and innovate to avoid problems in the future. Whether in the economic, political, or social realms, higher education is expected to contribute to raising the overall quality of life, worldwide. To fulfil its role effectively and maintain excellence, higher education must become far more internationalised; it must integrate an international and intercultural dimension into its teaching, research, and service functions.

Education is the largest single activity in the world, involving over 1000 million students and 50 million teachers at all levels, not counting millions of others in educational support activities. But its importance stems not merely from its size but also from its role as institutionalized knowledge - the principal repository, producer, disseminator and transmission belt of all forms of knowledge.

The most significant feature of education for mother earth protection in the 21st century is not so much what the French call *li explosion scolaire*, but the knowledge explosion, which has expanded the catchment areas of learning so fast that it takes only a few years now for the state-of-the-art in any field to become obsolete. Different modes and types of communicating for advancement of knowledge are fast changing and becoming more than sophisticated. In this technological era knowledge can easily be dispensed technologically and electronically. Teachers and formal school structures are becoming less important, and the conventional age limits on the learning process are becoming blurred.

Viewing the urgent need for mutual and technical cooperation among the Universities in India, exchange of information, export and import of educational know-how and consultancy, control on duplication of efforts and wastage in higher education, vocationalisation of existing careers besides strengthening the financial health of the existing Universities for implementing educational programmes having social, cultural, technical, economic and positive contents for the optimum development of our country, the "Confederation of Indian Universities (CIU)" has been established with the co-sponsorship of selected university level institutions in India.

The Confederation of Indian Universities has envisaged a masterplan paradigm based on the meetings held in January, February and March 2004 under the Chairmanship of Prof. K. Venkatasubramanian, the then Member of the Planning Commission, Government of India. The Confederation of Indian Universities was established at the behest of Prof. K. Venkatasubramanian for uniting all the university level institutions in India with a view to optimising their available resources and for mutual as well as technical cooperation among the universities for exchange of ideas and for mitigating the disastrous effects of the duplication of efforts and wastage in education.