

EIGHTY-Eighth ANNUAL REPORT
(April 2019 - MARCH 2020)

Faculty members and research fellows of the Psychology Research Unit are engaged in teaching, research, training and consultancy. Unit faculty trains students of other universities and Engineering institutes on Exploratory data analysis, Data Discretization, Categorical data structuring, psychometric counselling through short term courses. Besides the unit has organized National level training programme on administration, scoring and psychometric analysis of MMPI.

2. **RESEARCH ACTIVITIES** (only main topics of research and projects(including externally funded projects) may be indicated with special emphasis on new research/projects).

2.1 PRO-Environmental Attitude Survey.

In this project, 2 sets of questionnaires have been developed for assessment of Pro-Environmental Attitude and Pro-Environmental behavior with 56, 48 items respectively. Data were collected from 33 samples following specified sample procedure. Data analysis is going to determine psychometric properties.

Debdulal Dutta Roy, Associate Professor
Tiyashi Biswas-Project linked Personnel

2.2 A Study on Visuospatial reasoning abilities and Working Memory across ages.

Debdulal Dutta Roy, Associate Professor
Sumona Datta, Sr. Research Fellow

2.3 Job Stress and Organizational Role Stress of Nurses in Different Wards of one Govt. Hospital in Kolkata.

Debdulal Dutta Roy, Associate Professor
Namashree Chandra- Research Trainee

In this study data were collected from 50 nurses of high and low risk departments of one Govt. Hospital in Kolkata. Results revealed that nurses of different wards perceived more stress in personal communication, patient-nurse relationship and workload in nursing stress and inter role distance, role erosion, role overload, personal inadequacy, resource inadequacy in organizational role stress. Results are discussed in terms of job stress theory.

2.4 Job Stress and Organizational Role Stress of Nurses having Different Works experience of one Govt. Hospital in Kolkata.

Debdulal Dutta Roy, Associate Professor
Rounak Biswas- Research Trainee

2.5 Job Stress of nurses in critical Care Units and Different Wards.

Debdulal Dutta Roy, Associate Professor
Chandrika Bhattacharya- Research Trainee

2.6 An Exploratory Study on the complaints and symptom severity of Schizophrenic patients.

Psychoinformatics Approach.
Debdulal Dutta Roy, Associate Professor
Hridika Roy- Research Trainee

2.7 Development of Diabetes Self-care Efficacy Scale.

Debdulal Dutta Roy, Associate Professor
Sravanti Amiya Kanti Swapna Ghosh, Sr. Research fellow

2.8 K-means cluster of personality in predicting Self-care Activity in Diabets Mellitus: A cross sectional study.

Debdulal Dutta Roy, Associate Professor
Sravanti Amiya Kanti Swapna Ghosh, Sr. Research fellow

2.9 Construction of test battery measuring Visuo spatial reasoning.

Sumona Datta, Sr. Research fellow

2.10 Study on metamemory and working memory among school-going adolescents

Murshida Khaton, Sr. Research fellow

2.11 A Study on Perceived Facial Attractiveness of Young Adults.

Dr. Garga Chatterjee, Assistant Professor, Psychology Research Unit, Kolkata.

Sabornee Karmakar, Sr. Research fellow

Presently pilot study is being conducted to explore role of facial cues as social cues and in decoding biases behind facial attractiveness.

2.12 South Asian Face database.

This project aims to create a standardized face database for various South Asian ethnicities and then make face recognition and other psychophysical assays out of them for research and screening purposes. This is an ongoing project.

Person involved: Garga Chatterjee, NelayChakraborty, Saswati Nath

2.13 Effect of Internet usage on brain structure.

This project is looking at the effect of internet usage by naive subjects on the structure of their brains, especially certain areas of the cortex. Brain imaging and behavioral testing is done simultaneously. Paper writing in ongoing.

Person involved: Garga Chatterjee, Priyanka Ghosh, Ryota Kanai, Himadri Datta

2.14 Studying the phenomenon of disgust with reference to genetic contribution using twins.

The first South Asian database of twins is being built. This will be used as a platform for behavioral online experiments involving twins, looking at genetic contribution to behavior. Platform development completed.

Person involved: Garga Chatterjee, DhairyyaSingh

2.15 Human face and body skin tone and their relationship with various biological and social parameters.

This project explores the possible relationship between social attitudes, social indicators, human face characteristics and dermatological characteristics like body skin tone. This involved skin colorimetry and survey based behavioral assays. Study is being extended to various geographical locations.

Person involved: Garga Chatterjee, NelayChakraborty, Saswati Nath

2.16 Imparted training to ISI Research Fellow and University of Calcutta affiliated Ph.D. Scholar Sabornee Karmakar who is working with Dr. Garga Chatterjee as Ph.D.

2.17 Imparted training to University of Calcutta affiliated Ph.D. Scholar Debaleena Chaudhuri who is working with Dr. Garga Chatterjee as Ph.D. student.

2.18 A study on Metamemory and Working Memory among school-going adolescents.

Working with Dr. Debdulal Dutta Roy as Ph.D student

3. Externally Funded Projects: Only NUMBER of externally funded projects indicating the name of the funding agencies may be provided.

Externally funded
Plan projects

Sl. No.	Name of the Project	A/c No.	Principal Investigator(s)	Unit Involved	Funded by
1.	The cognitive architecture of face-processing – understanding the separation of information streams	543A	G. Chatterjee	CVPR	DST - INSA

4. **Seminars, Symposium, Training, Workshop, Conferences Organised:** (Information in this regard may be given in the following form)

- 4.1 i) Exact Title: A study on Facial Attractiveness, own-race effect and Personality Traits.
ii) Date: 30th July, 2019
iii) Venue: P.J. A Building, 7th Floor, Meeting Room(Room No. 707), Psychology Research Unit
- 4.2 ii) Exact Title: Psychological Tool Construction and R-Software
ii) Date: August 9-10, 2019
iii) Venue: IMHANS Medical College, Kozhikode, Kerala
- 4.3 i) Exact Title: Orientation Training on Categorical Data Analysis in Psychological Research (CATEG 2019)
ii) Date : August 22-23,2019
iii) Venue: P.J. A Building, 7th Floor, Meeting Room(Room No. 707), Psychology Research Unit
- 4.4 i) Exact Title: One day Symposium on Geropsychology
ii) Date: September 12, 2019
iii) Venue: R.A. Fisher Bhaban, 3rd Floor, Room No. 3.0
- 4.5 i) Exact Title: Play Therapy
ii) Date: 23rd – 27th September 2019
iii) Venue: Indian Institute of Psychometry and Ali Yavar Jung National Institute of Speech and Hearing Disabilities, Eastern Regional Centre.
- 4.6 i) Exact Title: Training on Psychometric Approach on Psychological Counseling (PSYCOUN,2019)

ii) Date : October 15-16, 2019

iii) Venue: P.J. A Building, 7th Floor, Meeting Room(Room No. 707), Psychology Research Unit

4.7 i) Exact Title: Training on Psychometric Counselling Using Rating Scale for PG students (PSYCOUN2,2019)

ii) Date: November 21-22, 2019

iii) Venue: P.J. A Building, 7th Floor, Meeting Room(Room No. 707), Psychology Research Unit

5. Scientific Papers and Publication: Only NUMBER of scientific papers “Published” and “Accepted” in different journals may be given.

Papers published in journals_:

Total No. 6

6. Scientific Assignments Abroad: Information in the following format may be given:-

6.1 i) Name of the Scientist: Dr. D. Dutta Roy

ii) Country visited: Bangladesh

6.2 i) Name of the Scientist: Dr. D. Dutta Roy

ii) Country visited: Srilanka

7. Visiting Scientists: Following information may be provided:

7.1 i) Name of the Visiting Scientist: Prof. Monoranjan Pal

ii) Affiliation: Retired, Economic Research Unit, ISI, Kolkata

iii) Country represented: India

7.2 i) Name of the Visiting Scientist : Dr. Rama Manna

ii) Affiliation: HOD, Dept. Of Guidance and Counselling, Indian Institute of Psychometry, Kolkata

iii) Country represented : India

7.3 i) Name of the Visiting Scientist: Dr. Rita Karmakar

ii) Affiliation: Amity Institute of Psychology and Allied Sciences, Amity University, Kolkata

iii) Country represented: India

7.4 i) Name of the Visiting Scientist: Dr. Atanu Kumar Dogra

ii) Affiliation: Dept. Of Psychology, University of Kolkata

iii) Country represented: India

7.5 i) Name of the Visiting Scientist: Ms. Sumona Datta

ii) Affiliation: Adamas University, Kolkata

iii) Country represented: India

7.6 i) Name of the Visiting Scientist: Dr. Tinni Dutta

ii) Affiliation: Dept. of Psychology, Asutosh College, Kolkata

iii) Country represented: India

7.7 i) Name of the Visiting Scientist: Ms. Sahely Ganguly

ii) Affiliation: Consultant Clinical Psychologist and Psychotherapist, AMRI Hospital, Dhakuria

iii) Country represented: India

7.8 i) Name of the Visiting Scientist: Ms. Nilanjana Maulik

ii) Affiliation: Secretary and National Coordinator Working Group ARDSI

iii) Country represented: India

7.9 i) Name of the Visiting Scientist: Dr. Nishi Pulugurtha

ii) Affiliation: Dept. of English BKC College, Kolkata

iii) Country represented: India

7.10 i) Name of the Visiting Scientist: Dr. Aparna Dutta

ii) Affiliation: Consultant Neuropsychologist, Neuropsychology & Clinical Psychology Unit, Duttanagar Mental Health Center (DMHC)

iii) Country represented: India

8. Recognition to ISI Scientists. Following details may be given:-

8.1 i) Name of the Scientist : Dr. D. Dutta Roy

ii) Nature of Recognition: Invited as resource person in evaluation of Psychological Test

iii) Recognition given by: National Council of Educational Research, New Delhi.

iv) For which Recognition earned: For evaluation of psychological tests owned by NCERT.

8.2 i) Name of the Scientist : Dr. D. Dutta Roy

ii) Nature of Recognition: Facilitator of Indian School Psychology Association in facilitating school Psychology in Bangladesh.

iii) Recognition given by: Indian Association of School Psychology.

iv) For which Recognition earned: For motivating psychology students of Bangladesh on school psychology.

9. Proposed Activities:

9.1 Proposed Activities by Dr. D. Dutta Roy during this financial year.

i) Designing aptitude test in Bengali-to be held in December 2019.

ii) Workshop on MMPI- to be held in January 2020

9.2 Proposed Activities by Dr. Garga Chatterjee during this financial year.

i) 2 North East Workshop Programmes

ii) Lecture and Collaboration with Visiting Scientist Dr. D. Chakraborty of IIM, Ahmedabad

iii) 1day symposium on Psychology and Cognition

iv) Foreign visit to collaborating labs in USA and Bangladesh.