

**RECOMMENDATION OF THE INSTITUTE ETHICAL COMMITTEE**  
**IIT KHARAGPUR**  
**February 29, 2024**

Sl. No.	Name of the PI / Research Personnel	Acad Unit	Title of the Proposal	Recommendation
1	Prof. Anirban Mukherjee; Prof. Nirmalya Ghosh, Prof. S.K. Das Mandal (ATDC), Prof. (Dr) Sanjeev Kumar Bhoi, Department of Neurology, AIIMS, Bhubaneswar, Prof. (Dr.) Atanu Biswas, DM, Neurology Bangur Institute of Neurology, IPGMER, Prof. (Dr.) Mrinal K. Acharya, DM, Neurology BCRM	EE	Multicentric Multimodal Severity Grading of Parkinson's Disease using Machine Learning	The IEC is impressed with the technique using machine learning through video and speech for grading the severity of the Parkinson's disease and has <b>Approved</b> the proposal
2	Prof. B. B. Mandal; Mr. Sharma Anand Shyamji	MIN	Sensorineural disorders of hand-arm system of jackhammer operators working in Indian mines.	The study for The measurement of Hand-arm Vibration exposure of Jackhammer operator and neurological disorders in miners has been <b>Approved</b> by the IEC.
3	Prof. Biswajit Samanta; Mr. Ajas A K	MIN	Fatigue and Musculoskeletal Disorder Assessment of underground coal mines machinery operators	IEC has recommended the following: i) To add one question in the questionnaire section that, whether the participant(s) are taking any pain killer(s) regularly on their own or prescribed by any Doctor or not. ii) To include other parameters like noise etc. which may be related to fatigue while assessing such disorder. iii) The Proposal has been <b>Approved</b> by the IEC
4	Dr. Abir Chakravorty	AgFE	Millet nutritious halua powder	The IEC advised to increase the sampling size and has <b>approved</b> the Project

**RECOMMENDATION OF THE INSTITUTE ETHICAL COMMITTEE**  
**IIT KHARAGPUR**  
February 29, 2024

Sl. No.	Name of the PI / Research Personnel	Acad Unit	Title of the Proposal	Recommendation
5	Prof. Anjali Gera Roy	HSS	Socio-cultural Impact of Internal Migratory Flows After the Partition of India	The ethical clearance is related to the safeguarding participants mental well-being etc., hence, the IEC advised to present the questionnaire to be asked to the participants before the committee. IEC also has advised to mention the differences between this proposal with another proposal of PI, already cleared by the committee entitled "Event, Memories, and Homemaking: An Analysis of the Lived Narratives of the Indian Partition from South India".
6	Dr. Tutan Ahmed	VGSoM	An experiment to increase female labor force participation: Introducing exogenous variation of gender composition in the recommended pool	The study will be in collaboration with CII and Qness Corp and partly funded by SERB, New Delhi. The IEC appreciated the proposal and has <b>approved</b> it.
7	Dr. Amrita Sen; Dr. Jenia Mukherjee; Ms. Gunjan Chowhan	HSS	World-class visions, ground-level realities: conveying the new urban narrative for Delhi using political ecology perspectives	The IEC has emphasized on the urban imagination amongst people. The time of stay for the participants in urbane environment has to be at least 5 years. The IEC has also advised for identifying and inclusion of more area for getting better results on the study. Moreover the size of the sample has to be increased by 15-20. The IEC has <b>approved</b> the proposal
8	Dr. Amrita Sen, HSS; Dr. Archana Patnaik HSS, Ms. Madhubarna Dhar	HSS	Rethinking 'aesthetic environments' in cities: Politics, resistance, and informal street-vending in Kolkata, West Bengal	IEC <b>approved</b> the project based upon the response received from the research student on the queries of the IEC.
9	Dr. Parama Banerjee	BCRM	Comparative assessment of available methodologies for the detection of microplastics in human blood and urine	The IEC has advised to include the liver health within the list of "History of any systematic illness section". The IEC has <b>approved</b> the proposal
10	Dr. Bornini Lahiri; Ms. Vidhya A	HSS	Narratives and Newspapers; Decoding the Representation of Crime, Sports & Reverse migration in the Indian Newspapers	The IEC has reviewed and <b>approved</b> the proposal.

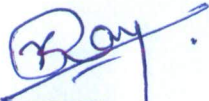
**RECOMMENDATION OF THE INSTITUTE ETHICAL COMMITTEE**  
**IIT KHARAGPUR**  
February 29, 2024


Sl. No.	Name of the PI / Research Personnel	Acad Unit	Title of the Proposal	Recommendation
11	Dr. Bornini Lahiri; Ms. Vani Sirkeck	HSS	Documentation of Mahasu / Mahasui Folklore	The IEC has appreciated the study and has advised to approach to the concerned Govt. maintained Archived centre to archive the content properly. The IEC has <b>approved</b> the Proposal.
12	Dr. Somdyuti Paul	AI	Human Study for Subjective Assessment of the Perceptual Realness of AI generated images	The IEC has reviewed the proposal and has <b>approved it</b>
13	Dr. Tutan Ahmed; Ms. Angela Sarkar	VGSOM	Gender Differences in Flexibility, Job Search Behavior, and Bargaining Power: Evidence from Online Field Experiment	The proposal was presented to the IEC and the IEC has <b>approved</b> the proposal
14	Dr. Dripta Piplai (Mondal); Ms. Ritu Santh	HSS	A Formal Approach to Language Mixing in the Language Varieties of Northern Kasaragod	The IEC has reviewed and advised to include the consent forms in those languages which are being used in the research study. The IEC has <b>approved</b> the Proposal
15	Dr. Rishabh Rai, Ms. Diya Chatterjee	HSS	Understanding Problematic Internet Use and its Mental Health Implications in the Young Community: A Social-Cognitive Approach	<b>On hold</b>
16	Dr. Rishabh Rai, Ms. Divyansha Mishra	HSS	Transformation of Human Experiences from Suffering to Self-knowing	
17	Dr. Rishabh Rai, HSS; Ms. Sayli Agashe	HSS	Impact of meaning in life on affect, cognitive functions, psychological state and well-being through resilience.	
18	Prof. Sudip Misra, Ms. Anshita Gupta	CSE	An IoT-based Mental Health Detection and Monitoring System	The proposal was appreciated by the committee and <b>accepted</b> for Institute ethical clearance.
19	Prof. Sudip Misra, Ms. Ruelia Saha	CSE	Confidant: Generative AI and Internet of Things-enabled Smart Mental Health Monitoring and Support System	The proposal was presented to the IEC. The committee has given some suggestions to build the mental health monitoring and also the support system more effectively. The IEC has <b>approved</b> the proposal.

**RECOMMENDATION OF THE INSTITUTE ETHICAL COMMITTEE (IEC)**  
**IIT KHARAGPUR**  
**February 29, 2024**


Sl. No.	Name of the PI / Research Personnel	Acad Unit	Title of the Proposal	Recommendation
20	Prof. Suman Chakraborty; Dr. Arindam Mondal;	ME & Bio Science	Advanced centre for clinical evaluation of Diagnostics of National Importance.  Sub Project: (I) Development and Validation of Point of Care (POC) Screening Test for Detecting Infections of MTB Complex (II) A highly sensitive Nucleic Acid Test (POC) for the detection of multidrug resistant MTB infection. (III) Validation of Haemo/Gluco QR strip assay	The Project is proposed by ICMR where  For (i) & (ii), it has been proposed that the samples would be collected from Delhi & Chennai – The IEC have been informed that the project has acquired the ethical clearance at the collection centres. The committee has suggested to validate the tri-lingual consent forms by the concerned clinical trial departments. For (iii), Point of Care Haemo / Gluco QR validation tests will be done by the AI & ML driven application available under google play stores. the IEC has advised to follow the standard of use and the disposal of the needles.  The IEC has <b>approved</b> both the proposals
21	Dr. Mrinal Kumar Acharya	BCRM	Simulating Multimodal MRI Brain Equivalents from CT Brain for Emergency Neuroimaging	The proposal has been presented to the IEC. There shall be 100 samples collected from the stroke patients for the study. The IEC has <b>approved</b> the proposal
22	Dr. Biplab Datta, Ms. Smita Poi	VGSOM	Antenatal health decision making and its effect on mother's health and wellbeing: a study in rural West-Bengal	The IEC has appreciated the proposal and has <b>approved</b> it.
23	Dr. Rajlakshmi Guha	RX	Exploring Non-Suicidal Self Injury (NSSI) and Cultural Dimensions among University Students	The revised proposal was presented to the IEC as per the recommendation of the committee and the IEC has <b>approved</b> the proposal.
24	Dr. Seema Singh; Ms. Shahanas Punnilath Shanavas; Dr. K. J Vargheese;	HSS	English for Specific Purposes: A Mixed Method Study of Language Learning and Practice for Medical and Wellness Tourism in Kerala	The proposal was presented to the IEC with the recommended questionnaire and the IEC has <b>approved</b> the proposal
25	Dr. Kaushal Kumar Bhagat; Mr. Ajay Shankar Tiwari	ATDC	Investigating Cognitive Processes and Visual Attention Patterns in Engineering Drawing course using Augmented Reality, Eye Tracking, and EEG	The IEC has been informed about inclusion of ophthalmologist and neurologist in the research team as advised by the committee. The IEC has <b>approved</b> the proposal.


RECOMMENDATION OF THE INSTITUTE ETHICAL COMMITTEE  
IIT KHARAGPUR  
February 29, 2024

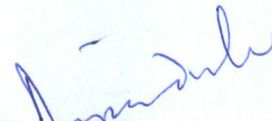
  
(Kalyan Kr. Ray)

  
(Nirmal Kr. Som)

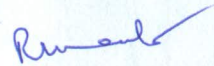
  
(Seema Roy)

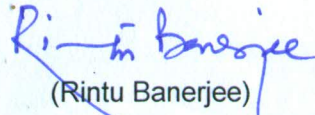
  
(P K Shannigrahi)

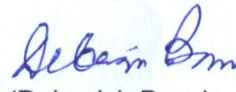
  
(Soumen Das)

  
(Dipa Dube)

Subha Ray  
(Subha Raj) 29/2/24

  
(Ramnarayan Maity)

  
(Rintu Banerjee)

  
(Debasish Basu)