

RECOMMENDATION OF THE INSTITUTE ETHICAL COMMITTEE
IIT KHARAGPUR
December 7, 2023

Sl. No.	Name of the PI	Acad Unit	Title of the Proposal	Recommendation
1	Dr. Rishabh Rai , HSS Ms. SayliAgashe	HSS	Impact of meaning in life on affect, cognitive functions, psychological state and well-being through resilience.	<ul style="list-style-type: none"> • Committee appreciated this research study being an important area of research; • Committee advised to share the questionnaires (in three languages) to be asked to the participants along with the informed consent forms during experiment, which will be circulated amongst the IEC members for further validation. • IEC also advised to mention whether the study is blinded or open-label study in the form. • IEC suggested to resubmit in next meeting
2	Dr. Amrita Sen , HSS; Dr.Archana Patnaik HSS, Ms. MadhubarnaDhar	HSS	Rethinking 'aesthetic environments' in cities: Politics, resistance, and informal street-vending in Kolkata, West Bengal	<ul style="list-style-type: none"> • IEC suggested: <ul style="list-style-type: none"> ○ Identification of area for data collection ○ To change participants group from minority to all • Committee advised to share the questionnaires (in three languages) including questions like intimate details etc. to be asked to the participants along with the informed consent forms during experiment, which will be circulated amongst the IEC members for further validation. • IEC suggested to resubmit in next meeting
3	Dr. Seema Singh HSS ShahanasPunnilathShanavas, 20HS92R13; 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	<ul style="list-style-type: none"> • IEC advised to present the questionnaire to re-submit in the next meeting
4	Prof.Suman Chakraborty , ME Dr.Sathi Roy, DBT W/S, IIT Kharagpur	ME	Metastatic Breast Cancer Detection by Multimodal Magnetic Nanoparticle- Assisted Microfluidic Device	<ul style="list-style-type: none"> • IEC advised to follow the blood collection and waste disposal standards • IEC approved the proposal

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5	Dr. Anjali Gera Roy, HSS Ms. Aiswarya Sanath 19HS92R16,	HSS	Event, Memories, and Homemaking: An Analysis of the Lived Narratives of the Indian Partition from South India	<ul style="list-style-type: none"> • Committee suggested to take care about the questionnaires to be asked to the participants which may cause to relive their past experience. • IEC approved the proposal
6	Dr. Dripta Piplai (Mondal), HSS; Ms. Lekshmi R, 20HS91F03	HSS	Shapers Shaped: A Socio- Educational Study of the Positionings and Practices of English School Teachers from Select Regions of Kerala	<ul style="list-style-type: none"> • IEC advised to take care about the signed informed consent form to be received from the participants. • IEC approved the proposal
7	Dr. B. B. Mandal, Department of Mining Engineering; Ali Murtoja Shaikh, Research Scholar	MI	Biomechanical modeling of vibration exposure of shuttle car operators in underground coal mines for prediction of work-related musculoskeletal disorders.	<ul style="list-style-type: none"> • The aim of the research is to measure the WBV exposure of the mining vehicle operators as well as the study of prevalence of low back pain among miners through questionnaire based cross sectional study in Indian mines. • IEC found the aim of proposal is a good piece of research study and accepted for approval.
8	Dr. B. B. Mandal, Department of Mining Engineering ; Mr. Amit Sharma, Research Scholar	MI	Health risk assessment of mining vehicle operators subjected to long term whole-body vibration (WBV) exposure in Indian mines with an epidemiological validation	<ul style="list-style-type: none"> • The study is related to the field based biomechanical model to measure muscular disorders among the shuttle car operators of coal mines. • IEC appreciated the study and approved the proposal for ethical clearance.
9	Dr. Rajlakshmi Guha Rekhi Centre of Excellence	RX	Exploring Non-Suicidal Self Injury (NSSI) and Cultural Dimensions among University Students	<ul style="list-style-type: none"> • Committee appreciated this research study and advised to mention the age group of the participants; • IEC approved the proposal conditionally – with the condition that the questionnaire to be shared and validated by the members;
10	Dr. Debashree Guha Adhya; Dr. Subhamoy Mandal, SMST	SMST	AI assisted point-of-care device for pre-screening of Glaucoma using predictive modelling of tear fern patterns (ASRU)	<ul style="list-style-type: none"> • IEC advised for more data collection for AI/ML data analysis • IEC approved the project

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11	Dr. Tutan Ahmed, VGSoM	VGSoM	Discussion on the response to IEC comments made on 27 th July 2023 against previously submitted proposal: Creating Transparency in Temporary International Migration: Measuring the Effects of a) Platform-Based Intervention	<ul style="list-style-type: none"> Considering the response and required documents received from PI in support of the proposal based on the queries of the IEC, the committee approved the proposal for ethical clearance.
12	Dr. Kaushal Kumar Bhagat, Advance Technology Development Center; Mr. Ajay Shankar Tiwari	ATDC	Discussion on the response to IEC comments made on 27 th July 2023 against previously submitted proposal: Investigating Cognitive Processes and Visual Attention Patterns in Engineering Drawing course using Augmented Reality, Eye Tracking, and EEG	<ul style="list-style-type: none"> IEC advised to include neurologist and ophthalmologist in the group and inform IEC. IEC approved the proposal conditionally – with the condition that both the experts are included.
13	Dr. Kaushal Kumar Bhagat, Advance Technology Development Center; Ms Shalini	ATDC	Discussion on the response to IEC comments made on 27 th July 2023 against previously submitted proposal: Using eye-tracking to analyse the process of solving computational thinking (CT) problems	<ul style="list-style-type: none"> Considering the response of the PI given in support of the proposal based on the queries of the IEC, the committee approved the proposal for ethical clearance.
14	Prof. Aurobinda Routray, EE and Prof. Priyadarshi Patnaik, HSS & Ms. Prachi Joshi	EE & HSS	Discussion on the response to IEC comments made on 27 th July 2023 against previously submitted proposal: Quantifying Emotion Contagion through Non-invasive Measures	<ul style="list-style-type: none"> IEC approved the project based upon the response received from the research student on the queries of the IEC.

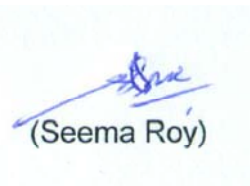
15	Dr. Gorachand Dutta, SMST	SMST	<p>Discussion on the response to IEC comments against previously submitted 2 proposals:</p> <ul style="list-style-type: none"> • Non-Enzymatic Electrochemical Detection of Uric Acid in Human Urine Sample using Nanomaterials for Point-of-Care Early Diagnostics. • Fabrication of a smart lab-on-a-chip to detect salivary biomarkers of oral cancer and malignant transition of oral premalignancy for point-of-care diagnostics and machine learning-based predictive modelling. 	<ul style="list-style-type: none"> • Considering the response of the PI given in support of the two proposals based on the queries of the IEC, • IEC approved the first proposal conditionally – with the condition that required interim report of the pilot study shall be shared with IEC. • IEC approved the second proposal conditionally – with the condition that ethical approval document and required interim report shall be shared with the committee.
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(Kalyan Kr. Ray)



(Nirmal Kr. Som)



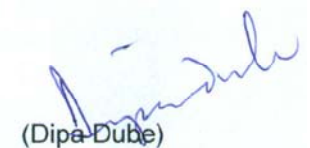
(Seema Roy)



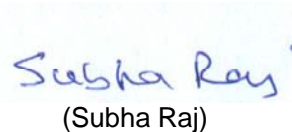
(P K Shannigrahi)



(Soumen Das)



(Dipa Dube)

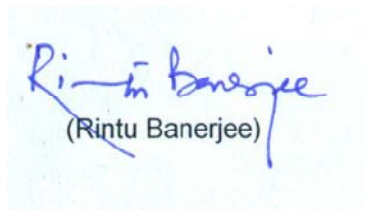


(Subha Raj)

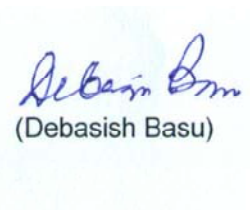
(Ramnarayan Maity)



(Santanu Dhara)



(Rintu Banerjee)



(Debasish Basu)