



झारखंड केन्द्रीय विश्वविद्यालय, रांची  
CENTRAL UNIVERSITY OF JHARKHAND, RANCHI  
(संसदीय अधिनियम के तहत 2009 में स्थापित केन्द्रीय विश्वविद्यालय)  
संस्थागत मानव नैतिक समिति (सीयूजे)  
Institutional Human Ethical Committee (CUJ)

**Minutes of the Meeting**

Dated: 11/ 05/ 2022

The ninth Institutional Human Ethical Committee (IHEC) meeting was convened at 4.00 PM on 11<sup>th</sup> May 2022, at Dept Life Science, CUJ (Brambe Campus), in the presence of the following committee members.

**Committee members:**

1. Padmashree (Professor) AP Dash (Chairperson)
2. Dr. Ashish Sachan (Associate Professor, Head, DLS; Member Secretary)
3. Prof. M.K. Rai (Retd. Professor, RIMS)
4. Dr. Manoj Kumar (Associate Professor, DLS)
5. Dr. Praveen K. Sharma (Asst. Professor, DLS)
6. Dr. Rajakishore Mishra (Asst. Professor, DLS)
7. Dr. Anil Kumar (Asst. Professor, DLS)
8. Dr. Hena Firdaus (Asst. Professor, DLS)
9. Dr. Prachi K Sikle (Medical Officer, CUJ)
10. Mr. Vinay Kumar (BA, LLB Hons. CLNU) Legal Expert
11. Dr. Rajanikant Pandey (Asst. Professor, DTS)
12. Mr. Kartik Lohra (Lay Person)

**Proceedings of the meeting:**

The Member secretary welcomed all the committee members and announced the resumption of the annual meeting of IHEC, CUJ after the COVID-19 pandemic. The last meeting was held on 18/ 12/ 2019 at the Department of Life Science.

One of the committee members Dr M. Kumar, formally introduced all the newly elected members of IHEC, CUJ (CUJ-DLS-IHEC-2022-1-530 dated 11/ 04/ 2022). Dr Kumar introduced Padmashree (Professor) AP Dash, Mr Vinay Kumar, and Mr Kartik Lohra and invited them to this meeting. He has also formally introduced all other members and thanked them for their active participation. The address by the Hon'ble Chairperson followed this. Subsequently, the member secretary briefed the proceedings of the last meeting.

The following items were discussed and recorded.

1. The committee members were informed that three research scholars Ms Arpita Jha (Regd: 19180201013), Ms Anjali Kumari (Regd: 20180201001) and Ms Nidhi Kumari (Regd: 21180201001), are currently doing

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their PhD work on human oral cancer. Recently, the research proposal by Ms Arpita Jha (Supervisor Dr R Mishra) has been approved by ICMR, GoI, for research fellowship.

2. During this period Ms Tanushree (JRF-CSIR; Regd.No: CUJ/P/2015/PHDLS/001; Supervisor Dr R Mishra) completed her research work entitled “*Identification of important cancer stem cell (CSC) markers and dissect their role in invasion and drug resistance of oral squamous cell carcinoma (OSCC)*” and submitted her thesis (DOS: 25/ 01/ 2021). Her PhD degree was awarded on 31/11/ 2021.

3. One more research scholar Ms Nidhi Nath (NET-LS CSIR; Regd.No: CUJ/PHD/DLS/2017/02 Supervisor Dr R Mishra) completed her proposed research objective on human cervical cancer. She had defended her open Submission seminar on 12/ 11/ 2021 and submitted her PhD thesis (on 3/05/ 2022) entitled “*Role of wingless integrated - Glycogen Synthase Kinase $\beta$  mediated signaling in cervical cancer progression and resistance*”.

4. During COVID-19, seven students (2018-20, 2Y-MSc and 2015-20, 5Y-MSc) worked (Supervisor Dr R Mishra) on different post-operated human cancer samples. Those MSc students were Ms Shikha Shree RN-18180402021; Ms Ritu Priya-18180402019; Ms Pratikhya Mohapatra-CUJ/I/2015/ILS/004; Ms Rohini Kumari-CUJ/I/2015/ILS/020; Ms Mousumi Maity-CUJ/I/2015/ILS/009; Mr Partha Sarathi Jena-18180402013) Mr Nitish Kumar Bhol-18180402011). At present, 8 MSc (2020-22) are doing their dissertation work on human oral cancer (Mr A Paul, Ms P Samridhi, Ms B Nayak, Ms P. Patel, Ms S. Singh, Ms S. Pradhan, Ms S. Paul, Ms A. Verma).

5. The committee members were informed about the recent research proposal on human subjects (PI Dr R. Mishra) submitted to different funding agencies like ICMR, GoI and SERB, GoI.

Title of the SERB Proposal Submitted (by PI Dr R Mishra) on 12/04/2022; entitled “*Evaluation of extracellular vesicles as a non-invasive biomarker for chemo-radiation/ immune checkpoint inhibitor therapy-resistant oral cancer*” This project will utilize post operated (surgically removed tissue) samples and the non-invasive samples (serum, saliva and urine) along with control samples for identification of diagnostic/ prognostic biomarkers in oral cancer.

One more proposal by the PI Dr R Mishra entitled “*Identifying and targeting the Immune Checkpoint Inhibitor pathways for effective therapy of oral cancer*” was Submitted on 19/ 09/ 2021 to ICMR. This one was unsuccessful.

The research project to ICMR (by Dr R Mishra and Dr SK Bhutia NIT, Rourkela) entitled “*Analysis of functional characterization of CD44 variants in oral cancer and their implication in stemness and therapy resistance*” Submitted on 19/ 09/ 2021 and this one was not funded.

Besides this, the Dr R. Mishra (PI) initiated a project collaborating with Prof. Robert Nilsson (PhD, DSC, Sweden). This is an oral cancer awareness project to be carried within the Ranchi district of Jharkhand. The project entitled “*Prevention of oral cancers caused by impure tobacco products used for smoking replacement in Jharkhand, India*”. In view of this, the members suggested the renewal of the CUJ order (19th Aug, 2013) since the present order is old and amend the consent and survey forms looking to the newly constituted IHEC, CUJ.

6. Collaborations have been made with different Medical Centres (RIMS, Ranchi, Abdur Razzaque Ansari Memorial Weavers Hospital, Irba, Ranchi), Cancer Hospitals (Curie Abdur Razzaque Ansari Cancer

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Institute, Irba, Ranchi) Pathological Clinics (Dr Raghav Sharan's Clinic; Singhal Hospital, Piskamore) (by the PI Dr R. Mishra) to obtain surgically removed human oral tumor samples /cervical tumor samples and control samples.

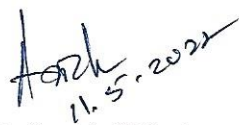
7. The committee members have appraised the work progress related to human subjects during COVID-19 i.e., 2019-2022 (Alam M et al., *Head & Neck* 2019; Das S et al. *Oncogene* 2019; Kashyap T et al. *Head & Neck* 2020; Nath N et al. *International Immunopharmacology* 2020; Alam and Mishra *Life Sciences* 2021, Nath N et al. *Biotechnol Appl Biochem.* 2021, Pramanik and Mishra *Experimental Cell Research.* 2022).

8. The committee approved the ongoing research work, and research proposals mentioned here. The committee suggested to submit these proposals to other funding agencies. The committee also gave post-facto approval of all these M.Sc. dissertation works and PhD work on human subjects done at the Dept. of Life Sciences on human subjects.


9. Ratification of the consent forms for participation in a study or to obtain tissue/ biopsy samples/ non-invasive biomarker study in both Hindi and English, *are dismissed & approved*-


10. The committee members visited the research laboratory of the Department and observed the cleanliness and good laboratory practices of the working area. The committee appreciated the safe disposal of the waste materials (paraffin embodied human tissue samples, cell culture media and other routine lab chemicals) and maintained Good Laboratory Practices.


The meeting was ended with a vote of thanks to the Chairperson.

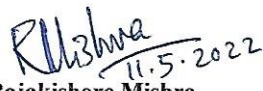
  
**Padmashree (Professor) AP Dash**  
 (Chairperson)


  
**Professor MK Rai**  
 (Retd. Professor, RIMS, Ranchi)

  
**Dr. Ashish Sachan**  
 (Member Secretary, Head, Dept. of Life Sciences, CUJ)

  
**Dr. Manoj Kumar**  
 (Associate Professor, DLS)


  
**Dr. Praveen K Sharma**  
 (Asst. Professor, DLS)

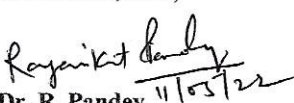
  
**Dr. Rajakishore Mishra**  
 (Asst. Professor, DLS)


  
**Dr. Anil Kumar**  
 (Asst. Professor, DLS)

  
**Dr. H. Firdaus**  
 (Asst. Professor, DLS)

  
**Dr. Prachi K Sikle**  
 (Medical Officer, CUJ)

  
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 (Legal Expert, Ranchi)

  
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 (Lay Person)