



# MAHARSHI DAYANAND UNIVERSITY, ROHTAK (HARYANA)

(A State University established under Haryana Act No. XXV of 1975)

A<sup>+</sup> Grade University Accredited by NAAC

## Office of Human Ethics Committee & Institutional Committee on Stem Cell Research

(HEC Registration No.: EC/NEW/INST/2024/4561 Dated 26.11.2024)

Room No. 206, First Floor, Aryabhata Central Instrumentation Laboratory (ACIL), MDU Rohtak-124001(Haryana) India.

Office Phone: 01262-293027 Member Secretary-9896398962

HEC e-mail: [hec.secretary@mdurohtak.ac.in](mailto:hec.secretary@mdurohtak.ac.in) & IC-SCR E-mail: [icscr.secretary@mdurohtak.ac.in](mailto:icscr.secretary@mdurohtak.ac.in)

### HUMAN ETHICS COMMITTEE MEETING NOTICE

A meeting of the Human Ethics Committee (HEC) will be held on **Friday 27<sup>th</sup> March 2026 10:00 am onwards**, in the Conference Room, 1<sup>st</sup> Floor, Aryabhata Central Instrumentation Laboratory, M.D. University, Rohtak to deliberate on the following agendas:-

**Agenda-1: Confirmation of the Minutes of last HEC meeting held on 03/09/2025.**

**Agenda-2: Consideration of the following 'Initial Review' research proposals for granting the HEC approvals: -**

S.No.	HEC Receipt No.	Department/ Centre (Ref. No.)	Research Supervisor/PI CoPI/& Research Student	Title of proposal
1	HEC-02	PHARMACEUTICAL SCIENCES [PhSC-322 Dt. 24.02.2026]	PI-Prof. Munish Garg Research Student: Sonia Tanwar	Impact of Diabetes Mellitus: An assessment of Prevalence, Comorbidities, Drug adherence and Pharmacoeconomics aspects
2	HEC-03	FORENSIC SCIENCE [FS/26/19Dt.23.02.2026]	PI-Dr. Sapna Sharma CoPI- Prof. Nar Singh Chauhan, MDU Rohtak Student- Ms. Shilpa	Development of Antimicrobial Swabs using Green Synthesized Zinc and Iron oxide Nanoparticles for the Preservation of Forensic Biological Samples
3	HEC-04	PHYSICAL EDUCATION [Phy.Edu./26/45 Dt.24.02.2026]	PI-Prof. Bhagat Singh Rathee Student: Mr. Satyanarayan	A comparative study of biomotor ability and morpho physiological variables in relation with performance of national level male middle distance runners
4	HEC-06	BIOCHEMISTRY [BC/26/82Dt.25.02.2026]	PI- Prof. Nar Singh Chauhan Student: Ms. Pooja	Exploring the role of <i>Terminalia chebula</i> and <i>Terminalia cordifolia</i> on host-gut-microbe interactions
5	HEC-05	BIOCHEMISTRY [BC/26/81Dt.25.02.2026]	PI- Prof. Nar Singh Chauhan	PRISM-Prakriti-informed Digital Twins for scalable Precision Wellness and Medicine [PROPOSAL SUBMITTED TO DBT, Gol.]
6	HEC-07	CMBT [CMBT-136Dt.25.02.2026]	PI-Dr. Rashmi Bharadwaj CoPI- Dr. Pawan Kumar, PGIMS Rohtak Student: Ms. Priya	Profiling of Secretoglobins, Syndecans, and Immune Markers in Lung Cancer and Their Correlations with Clinicopathological Parameters
7	HEC-08	FORENSIC SCIENCE [FS/26/21Dt.25.02.2026]	PI-Dr. Neelkamal Student: Ms. Ghazal	Profiling of Microplastics in Human Blood: Forensic Quantitative Source Attribution and Toxicological Health Impact Assessment in Delhi-NCR cohort
8	HEC-09	FORENSIC SCIENCE [FS/26/22Dt.25.02.2026]	PI-Dr. Neelkamal Student: Mr. Nitin Kumar	Development and Validation of DNA Methylation Markers-Based Model for Forensic Age Estimation Using Blood and Teeth

#### Important Instructions for Agenda-2:-

- All concerned PIs are required to present their cases using a PowerPoint presentation (8-10 slides) including all research details and supporting documents/approval, etc. The PowerPoint presentation (.ppt) should be sent on office email ([hec.secretary@mdurohtak.ac.in](mailto:hec.secretary@mdurohtak.ac.in)) one-two day/s in advance of the HEC meeting dated 27.03.2026.
- As per the national ethical guidelines, declaration of the 'Conflict of Interest' to the Chairperson before the meeting is mandatory by the Research Supervisor/PI, who is also the acting member of the HEC-MDUR.

**Agenda-3: Cases of Annual/Continuing Reports for the extension of HEC approval, as under: -**

S.No.	HEC Receipt No.	HEC Approval Reference	Department/ Centre & Reference	Research Supervisor/PI & Research Student	Title of proposal
1	HEC-10	HEC/2023/39 Dt. 23/05/2023	CMBT CMBT-24Dt.24.02.2026	Dr. Anil Kumar Student: Soniya	Genetic variability in macrophage inhibitory factor and its association with oxidative stress in vitiligo
2	HEC-11	HEC/2023/43 Dt. 29/05/2023	CMBT CMBT-123Dt.24.02.2026	Dr. Anil Kumar Student: Heena	Association of IFN- $\gamma$ level with genetic polymorphism of xenobiotics metabolising and DNA repair genes in pesticides exposed workers
3	HEC-12	HEC/2023/37 Dt. 23/05/2023	CMBT CMBT-127Dt.24.02.2026	Dr. Amita Suneja Dang Student: Shruti	Association of oxidative stress and genotoxicity with Cytochrome P450 polymorphism among brick kiln workers
4	HEC-13	HEC/2023/36 Dt. 23/05/2023	CMBT CMBT-126Dt.24.02.2026	Dr. Amita Suneja Dang Student: Kajal	Screening of TNE- $\alpha$ as biomarker and saliva flora for Celiac disease therapeutics
5	HEC-18	HEC/2023/42 Dt. 29/05/2023	CMBT CMBT-135Dt.25.02.2026	Dr. Amita Suneja Dang Student: Samridhi Pushkarna	Screening Prolidase and IL-6 as Biomarker and Probiotics as Therapeutics for Celiac disease
6	HEC-19	HEC-119/2025-AP-06/ASDBPA01 Dt. 17.02.2026	CMBT CMBT-134Dt.25.02.2026	PI-Dr. Amita Suneja Dang Student: Sonika	Evaluation of xenobiotic metabolizing genes among PCOS patients exposed to Bisphenols
7	HEC-14	HEC/101/2025-AP-01/RV-CC-07 Dt. 17/02/2026	GENETICS Genet 157Dt.24.02.2026	PI-Dr. Ritu Yadav Student: Nikita	Methylation profiling of selected candidate genes of JAK/STAT & PI3K/AKT signaling pathways in cervical cancer
8	HEC-15	HEC/2023/35 Dt. 23/05/2023	GENETICS Genet 162Dt.25.02.2026	Dr. Ritu Yadav Student: Parul	Evaluation of aberrant methylation of differentially expressed genes in esophageal carcinoma
9	HEC-16	HEC/2021/290 Dt. 09.09.2021	GENETICS Genet 164Dt.25.02.2026	Dr. Mukesh Tanwar Student: Anshu Yadav	Association of Interleukin-8 and Interleukin-6 Polymorphisms with Age-related Macular Degeneration
10	HEC-17	HEC-112/2025-AP-5/MT-JOAG-1 Dt. 17.02.2025	GENETICS Genet-165/25.02.2026	PI-Dr. Mukesh Tanwar Student: Vishal Panghal	Screening of EFEMP1, NTF4 and PITX2 genes in Juvenile Open-Angle Glaucoma
11	HEC-20	HEC/2021/282 Dt. 09.09.2021	GENETICS Genet.166Dt.25.02.2026	Prof. Minakshi Vashist Student: Rohit	Characterisation of YKL-40 in Bladder Cancer Diagnosis, Recurrence and Therapeutics: A Prospective Study
12	HEC-21	HEC/2023/34 Dt. 23/05/2023	GENETICS Genet.167Dt.25.02.2026	Prof. Minakshi Vashist Student: Gulshan	Characterization of Cell-free DNA as a diagnostic and prognostic marker in childhood leukemia: a prospective study
13	HEC-22	HEC/2021/284 Dt. 09.09.2021	GENETICS Genet.168Dt.25.02.2026	Prof. Minakshi Vashist Student: Kiran	To Identify the Role of MicroRNA Expression in Cervical Cancer Diagnosis and Progression
14	HEC-23	HEC/2021/283 Dt. 09.09.2021	GENETICS Genet.169Dt.25.02.2026	Prof. Minakshi Vashist Student: Sonia	Dysregulation of PI3K-AKT Signaling Pathway in Uterine Leiomyoma: Possible Therapeutic Target
15	HEC-24	HEC/2021/285 Dt. 09.09.2021	GENETICS Genet.170Dt.25.02.2026	Prof. Minakshi Vashist Student: Nisha	Connotation of Oxidative Stress in Pathogenesis of Pre-eclampsia and Role of Epigallocatechin-3-Gallate (EGCG) as a Potential Therapeutic Antioxidant
16	HEC-25	HEC/2021/293 Dt. 09.09.2021 & HEC/2025/26 Dt. 20.02.2025	FORENSIC SCIENCE FS/26/23 Dt. 25.02.2026	Dr. Neelkamal Student: Priyanka	Human Sternum as an aid for identification and individualization- a forensic study on Haryana population
17	HEC-26	HEC-120/2025-AP-07/FS-NK-A01 Dt.17.02.2026	FORENSIC SCIENCE FS-26/24 Dt.25.02.2026	PI-Dr. Neelkamal Student: Arun	Radiographic Assessment of Epiphyseal Fusion in Wrist and Ankle Joints for Age and Sex Estimation: A Forensic Analysis in Haryana population
18	HEC-27	HEC-111/2025-AP-04/MB-KKS-BP01Dt.17.02.2025	MICROBIOLOGY Micro/26/115 Dt.26.02.2026	Dr. Krishan Kant Sharma Student: NIL	Development of bacteriophage consortium to combat gut dysbiosis associated with inflammatory Bowel Disease
19	HEC-28	HEC-110/2025-AP-03/MB-KKA-PR01Dt.17.02.2025	MICROBIOLOGY Micro-116 Dt.26.12.2026	Dr. Krishan Kant Sharma Student: Arush Behl	Formulation of a next-generation probiotic consortium from healthy ageing individuals for mitigating symptoms of ulcerative colitis

**Important Instructions for Agenda-3:-**

- All concerned PIs are required to present their annual/progress report using Power-point presentation/ppt (3-4 slides) including protocol/consent update/amendment and AE/SAE, if any.
- As per the national ethical guidelines, declaration of the 'Conflict of Interest' to the Chairperson before the meeting is mandatory by the

**Agenda-4: Approval for submission of Study Completion Reports as under: -**

S. No.	HEC Receipt No	HEC Approval Reference	Department/Centre	Research Supervisor/PI & Research Student	Title of proposal
1	HEC-29	HEC-109/2025-AP-02/MB-FP Dt. 17.02.2025	CBINF CBINF-105/25.02.2026	PI-Dr. Mehak Dangi Student:- Bhoomika	Determination of Age, Gender, Height and Weight through Bare Footprints using Machine Learning Techniques in Selected Indian population
2	HEC-30	HEC/2023/44 Dt. 20/01/2025	MICROBIOLOGY Micro.-102/25.02.2026	Dr. Pooja Gulati Student: Nikita	Development of rapid diagnostic for the detection of Extended Spectrum $\beta$ -Lactamases (ESBLs) among uropathogenic Enterobacteriaceae
3	HEC-31	HEC/2021/292 Dt. 09.09.2021	GENETICS Genet 163/25.02.2026	Dr. Mukesh Tanwar Student: Aarti	Role of RHO and PRPH2 Genes in the Pathogenesis of Retinitis Pigmentosa: An Institutional Study

**Important Instructions for Agenda-4:-**

- a) All concerned PIs are required to present their Study Completion report using Power-point presentation/ppt (3-4 slides) including research outcome and list of research publications.

**Agenda- 5:** Consideration of the reason based requests received from the Research Scholars, **Ms. Sahu C/o Dr. Ritu Yadav** (HEC/2021/286Dt. 20.01.2025) and **Mr. Jagphool C/o Dr. Anil Kumar-** HEC/2023/40Dt. 20/01/2025) for not submitting the Annual/Study completion reports on time.

- Any other item with the permission of the Chairperson.

***All esteemed members of HEC and PIs are requested to kindly make it convenient to attend this meeting as per fixed schedule.***



**No. HEC-19 Dated 24.03.2026**

**Email to the followings for kind information/needful:-**

**(Member Secretary)**

HEC & IC-SCR, MDU Rohtak  
**Dr. Rajvinder Singh**  
**Member Secretary**  
**Human Ethics Committee (HEC)**  
**M.D. University, Rohtak**

1. Director IQAC, MDU Rohtak.
2. Dean R&D Cell, MDU Rohtak.
3. Prof. M.C. Gupta, Chairperson HEC-MDU, Rohtak & Pro Vice-Chancellor, Sanskaram University, Jhajjar (India)
4. Dr. Dhruva Chaudhry, Sr. Prof. & Head, Department of Pulmonary & Critical Care Medicine PGIMS, Rohtak
5. Prof. Aparna Yadav, Deptt of Microbiology, PGIMS, Rohtak.
6. Dr. R.S. Dahiya, Indraprasth Colony, Sonapat Road, Rohtak
7. Mr. Uday Singh Phogat, Retd. Excise and Taxation Commissioner, House No. 129, Sector-14, Rohtak
8. Mr. Suraj Parkash, Nirmal Nagar, Delhi Road, Rohtak (Haryana)
9. Mr. Rajesh Kumar, Dev Colony (Gali No. 1) Rohtak
10. Prof. Harish Dureja, Department of Pharmaceutical Sciences, M.D. University, Rohtak
11. Prof. Minakshi Vashist, Head, Dept. of Genetics, M.D. University, Rohtak
12. Prof. Anil Kumar Chhillar, Centre for Biotechnology, M. D. University, Rohtak
13. Prof. Shalini Singh, Department of Psychology, M.D. University, Rohtak
14. Dr. Deepti Hooda, Department of Psychology, M.D. University, Rohtak
15. Dr. Satya Pal Singh, Department of Law, M.D. University, Rohtak
16. Dr. Mukesh Tanwar, Department of Genetics, M.D. University, Rohtak
17. Dr. Rajvinder Singh, Department of Forensic Science, M.D. University, Rohtak
18. On the E-mails of the concerned **Heads/Directors** of the Departments/Cetres etc. of MDU Rohtak for circulating the 'Meeting Notice' amongst the concerned Faculty members/Research scholars.
19. On the E-mails of concerned **Research Supervisor/Research Students** for their kind information, and doing needful.
20. Director UCC, MDU Rohtak for uploading this 'Meeting Notice' on MDU website/webpage.