



TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P.)

Date: 8th July, 2024

Name of Faculty: Terthanker Mahaveer Medical College & Research Center

Name of Departments: Medical Anatomy, Medical Biochemistry, Medical Microbiology, Medical Pharmacology

Minutes of Meeting of Semester Progress Review Committee Meeting of CRC

Date of Meeting : 8th July, 2024

Time of Meeting : 10:00 a.m.

Mode of Meeting : Offline

Venue : LT-1 (Medical College Building)

Members Present:

1. Professor (Dr.) S. K. Jain (Chairperson, CRC) (Dean, FoMS & HOD of Anatomy) — Present —
2. Professor (Dr.) Jyoti Puri (URCC, Member) (Joint Registrar (R&D)) — Absent —
3. Professor (Dr.) Shilpi Jain (External Expert) (Department of Anatomy) — Present —
4. Professor (Dr.) Sanjeev Dimri (External Expert) (Department of Microbiology) — Present —
5. Professor (Dr.) M N Khan (External Expert) (Department of Biochemistry) — Present —
6. Professor (Dr.) Anurag Bajpai (External Expert) (Department of Pharmacology) — Present —
7. Professor (Dr.) Prithpal Singh Matreja (Member, CRC) (HOD of Pharmacology) — Present —
8. Professor (Dr.) Seema Awasthi (Member, CRC) (HOD of Pathology) — Present —
9. Professor (Dr.) Preeti Singh (Member, CRC) (Dept. of Pharmacology) — Present —
10. Assistant Professor (Dr.) Umme Afifa (Member, CRC) (Dept. of Community Medicine) — Present —
11. Professor (Dr.) P Ushakiran (Member, CRC) (HOD of Biochemistry) — Present —
12. Professor (Dr.) Umar Farooq (Member, CRC) (HOD of Microbiology) — Present —
13. Professor (Dr.) Sudhir Singh (Department of Microbiology) — Present —

Points of discussion and proposed actions to be taken:

The CRC Meeting started with the formal introduction of the agenda by the Chairperson CRC (Prof. (Dr.) S K Jain):

Agenda-1

Semester Progress Report Presentation:

The Semester Progress Report was presented by the following research Fellows for the months from January 2024 to June 2024:

Batch-1: (July, 2022)

S. No.	Name of Research Fellow, Registration Number with Date & Enrollment Number	Topic of Research & Name of Supervisor & Co-Supervisor	Observation/Comments of the CRC
1	Shehzeen (Medical Anatomy) (TRAT-July 2022-164) Registration No: TMD22Ph.D/405 Registration Date: 13.08.2022 Enrollment No: TDR2219002	Approved Topic: Anthropometric facial analysis: A comprehensive approach for identification and aesthetic restoration in different zones of Indian Population Supervisor: Dr. S K Jain Co-Supervisor: Dr. Nidhi Sharma (has Left the Institute)	The Result Analysis of the candidate has been done. The Same had been presented in the CRC. The Research Fellow will now onwards start writing of Discussion with Pre-Thesis Submission in next CRC meeting Paper Presentation – Conference “RRR”- Anatomy – The Recent, Relevant and Research based (26 th -27 th July, 2024) Paper Sent for Publication: Cultural Consideration in Rhinoplasty: Assessing the importance of aesthetic nasal parameters in the Indian Control in Indian Journal of Plastic Surgery Attended: Guest Lecture on IPR and Its role in Research and Innovation on 30.04.2024; Author Talk Series on Assessing and Evaluating Research Performance using Bibliometric Indicators on 17.01.2024; Decibel-CME on Anatomy of Human Audition at KVIMSRC on 25.04.2024; CME on Clinical Analogy of Basal Ganglia The CRC was satisfied with her research progress and further recommended that her registration be continued in the Ph.D. Programme of TMU.
2	Alisha Rai (Medical Anatomy) (TRAT-July 2022-165) Registration No: TMD22Ph.D/406 Registration Date: 13.08.2022 Enrollment No: TDR2219001	Approved Topic: A comprehensive approach for the assessment of pelvic floor muscle integrity: A cross-sectional study Supervisor: Dr. S K Jain	The Result Analysis of the candidate has been done. The Same had been presented in the CRC. The Research Fellow will now onwards start writing of Discussion with Pre-Thesis Submission in next CRC meeting Paper Presentation – Conference “RRR”- Anatomy – The Recent, Relevant and Research based (26 th -27 th July, 2024) Paper Sent for Publication: Reliability of digital palpation of perineometric scoring for assessment of pelvic floor muscle strength in Indian Women: A comparative study sent in Gynecology & Minimal Invasive Therapy (GMIT)

		Co-Supervisor: Dr. Nidhi Sharma (has Left the Institute) , Dr. Astha Lalwani	Attended: Guest Lecture on IPR and Its role in Research and Innovation on 30.04.2024; Author Talk Series on Assessing and Evaluating Research Performance using Bibliometric Indicators on 17.01.2024; Decibel-CME on Anatomy of Human Audition at KVMSRC on 25.04.2024; CME on Clinical Analogy of Basal Ganglia The CRC was satisfied with her research progress and further recommended that her registration be continued in the Ph.D. Programme of TMU.
3	Shikha Singh (Medical Anatomy) (TRAT-July 2022-163) Registration No: TMD22Ph.D/404 Registration Date: 13.08.2022 Enrollment No: TDR2219003	Approved Topic: Gender specific evaluation of hand anthropometry and its role in surgical ergonomics Supervisor: Dr. S K Jain Co-Supervisor: Dr. Nidhi Sharma (has Left the Institute)	The Result Analysis of the candidate has been done. The Same had been presented in the CRC. The Research Fellow will now onwards start writing of Discussion with Pre-Thesis Submission in next CRC meeting Paper Presentation – Conference “RRR”- Anatomy – The Recent, Relevant and Research based (26 th -27 th July, 2024) Paper Sent for Publication: The biomechanical analysis of hand for the purpose of surgical ergonomics: A systemic Review in African Journal of Biological Sciences Attended: Guest Lecture on IPR and Its role in Research and Innovation on 30.04.2024; Author Talk Series on Assessing and Evaluating Research Performance using Bibliometric Indicators on 17.01.2024; Decibel-CME on Anatomy of Human Audition at KVMSRC on 25.04.2024; CME on Clinical Analogy of Basal Ganglia The CRC was satisfied with her research progress and further recommended that her registration be continued in the Ph.D. Programme of TMU.
4	Bushra (Medical Biochemistry) (TRAT-July 2022-169) Registration No: TMD22PhD407 Registration Date: 13.08.22 Enrollment No: TDR2234001	Approved Topic: Study of oxidative stress markers and inflammatory markers in patients with thyroid dysfunction Supervisor: Dr. P Ushakiran Co-Supervisor: Dr. Jigar Haria	The Result Analysis of the candidate has been done. The Same had been presented in the CRC. The candidates have been advised to consult the statistician The Research Fellow will now onwards start writing of Discussion. Paper Accepted for Publication – Study of oxidative stress and inflammatory markers in thyroid dysfunction: A systematic review published in International Journal of Drug Delivery Technology Attended: Guest Lecture on IPR and Its role in Research and Innovation on 30.04.2024; Author Talk Series on Assessing and Evaluating Research Performance using Bibliometric Indicators on 17.01.2024; CME on Quality Control and Quality Assurance at GEIMS, Dehradun on 04.04.24 The CRC was satisfied with her research progress and further recommended that her registration be continued in the Ph.D. Programme of TMU.
5	Kaina Khan (Medical Biochemistry)	Approved Topic: Study of	The Result Analysis of the candidate has been done. The Same had been presented in the CRC. The candidates have been advised to consult the statistician

	<p>(TRAT-July 2022-170) Registration No: TMD22PhD408 Registration Date: 13.08.22 Enrollment No: TDR2234002</p>	<p>adipocytokines and parameters of oxidative stress in patients of coronary artery disease Supervisor: Dr. P Ushakiran Co-Supervisor: Dr. Alok Singhal (Co-guide)</p>	<p>The Research Fellow will now onwards start writing of Discussion. Paper Accepted for Publication – A review on the evaluation of serum adipokine (Adiponectin, Leptin) levels in cardiovascular disease: A systematic review published in International Journal of Drug Delivery Technology Attended: Guest Lecture on IPR and Its role in Research and Innovation on 30.04.2024; Author Talk Series on Assessing and Evaluating Research Performance using Bibliometric Indicators on 17.01.2024; CME on Quality Control and Quality Assurance at GEIMS, Dehradun on 04.04.24 The CRC was satisfied with her research progress and further recommended that her registration be continued in the Ph.D. Programme of TMU.</p>
6	<p>Zaara Ahtasham (Medical Biochemistry) (TRAT-July 2022-171) Registration No: TMD22PhD418 Registration Date: 13.08.22 Enrollment No: TDR2234003</p>	<p>Approved Topic: A study of adipokine and oxidative stress in hypertensive patients with various risk factors of metabolic syndrome Supervisor: Dr. P Ushakiran Co-Supervisor: Dr. Jigar Haria</p>	<p>The Result Analysis of the candidate has been done. The Same had been presented in the CRC. The candidates have been advised to consult the statistician The Research Fellow will now onwards start writing of Discussion. Paper Accepted for Publication – To study the evidence of linking adipokines (adiponectin, leptin) with metabolic syndrome: A systematic review published in International Journal of Drug Delivery Technology Attended: Guest Lecture on IPR and Its role in Research and Innovation on 30.04.2024; Author Talk Series on Assessing and Evaluating Research Performance using Bibliometric Indicators on 17.01.2024; CME on Quality Control and Quality Assurance at GEIMS, Dehradun on 04.04.24 The CRC was satisfied with her research progress and further recommended that her registration be continued in the Ph.D. Programme of TMU.</p>
7	<p>Surabhi Sharma (Medical Microbiology) (TRAT-July 2022-040) Registration No: TMD22PhD/442 Registration Date: 17.08.2022 Enrollment No: TDR2223001</p>	<p>Approved Topic: Identification and antifungal susceptibility pattern of fungus isolated from cases of nosocomial infections Supervisor: Dr. Umar Farooq Co-Supervisor: NA</p>	<p>The Data Collection of the Research Fellow is in process and the Fellow has collected a total of 550 samples. The Same had been presented in the CRC. Analysis of molds will be completed soon. The Research Fellow will now onwards start Data Analysis followed by writing of Results and Discussion. Paper Accepted for Publication – NA Poster presented: UP-UK MICROCON at SNMC, Agra (09-10.02.2024) Attended: Webinar on Application of MALDI-TOF-MS (06.01.24); Seminar on Research Methodology (16.01.24); Author Talk Series on Assessing and Evaluating Research Performance using Bibliometric Indicators (17.01.24); Author Talk on Application of Statistical Tools in Research (05.02.24); Pre-Conference Workshop – Essentials of Clinical and Diagnostic Mycology from conventional to molecular at SNMC, Agra (09.02.24); UP-UK MICROCON at SNMC, Agra (10.02.24); FDP</p>

		<p>on How to write effective PhD Thesis (29.02.24); Handling Plagiarism and Reference Management using Mendeley (27-29.02.24); WHO-NTD – Chromoblastomycosis (18.03.24), Sporotrichosis (18.03.24), Superficial Fungal Infection (20.03.24); Fungal Update Mycology (20.03.24); Guest Lecture on IPR and Its role in Research and Innovation on 30.04.2024; Finding Right Journal (28.05.24); Advance Technique in Thesis Writing (11-17.06.24)</p> <p>Membership: ISMM, IESRF and Myco-Asia</p> <p>The CRC was satisfied with her research progress and further recommended that her registration be continued in the Ph.D. Programme of TMU.</p>
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Batch-2: (January, 2023)

S. No.	Name of Research Fellow, Registration Number with Date & Enrollment Number	Topic of Research & Name of Supervisor & Co-Supervisor	Comments of the CRC
1	Shane Alam (Medical Microbiology) (TRATJAN2023185) Registration No: TMD22PhD/552 Registration Date: 13.02.2023 Enrollment No: TDR2223003	<p>Approved Topic: Molecular Identification and characterization of vancomycin intermediate <i>S. aureus</i>, vancomycin resistant <i>S. aureus</i> and heterogeneous vancomycin intermediate <i>S. aureus</i> among methicillin resistant <i>S. aureus</i> isolates in clinical samples</p> <p>Supervisor: Dr. Umar Farooq Co-Supervisor: NA</p>	<p>The Data Collection of the Research Fellow is in process and the Fellow has collected a total of 207 MRSA strains collected from clinical samples. The Same had been presented in the CRC.</p> <p>The Research Fellow is now working on her completion of Data Collection, Statistical Analysis, Results and Discussion.</p> <p>Poster Presentation: Determination of Minimum Inhibitory Concentration of Vancomycin in MRSA isolates at SNMC, Agra (09-10.02.24); Determination of Minimum Inhibitory Concentration of Vancomycin among MRSA Isolates from various Clinical Samples at UK-UP TROPACON at SRMSIMS, Bareilly (20.04.24)</p> <p>Attended: Pre-Conference Workshop – Molecular Mastery: Navigating Syndromic Approach for Infectious Disease at SNMC, Agra (09.02.24); UP-UK MICROCON at SNMC, Agra (10.02.24); Workshop – Hemoparasites-An Approach to the Comprehensive Diagnosis (19.04.24); UK-UP TROPACON at SRMSIMS, Bareilly (19-20.04.24); Guest Lecture on IPR and Its role in Research and Innovation on 30.04.2024</p> <p>The CRC was satisfied with her research progress and further recommended that her registration be continued in the Ph.D. Programme of TMU.</p>

2	Dr. Meenu Thomas (Medical Pharmacology) (TRATJAN2023244) Registration No: TMD22PhD/621 Registration Date: 17.02.2023 Enrollment No: TDR2218001	Approved Topic: An open-label, single-centric, parallel group, randomized controlled trial to assess the effectiveness and safety of topical insulin in wound healing Supervisor: Dr. Prithpal Singh Matreja Co-Supervisor: Dr. N K Singh	The PhD Scholar is on Maternity Leave from 23.05.24 to 23.08.24 and hence the presentation was not done.
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Batch-3: (July, 2023)

S. No.	Name of Research Fellow, Registration Number with Date & Enrollment Number	Topic of Research & Name of Supervisor & Co-Supervisor	Comments of the CRC
1	Yash Goel (Medical Pharmacology) (TRATJULY2023266) Registration No: TMD23PhD678 Registration Date: 11.08.2023 Enrollment No: TDR2318001	Approved Topic: Safety Profile of statins in patients at a tertiary care center – A prospective Study Supervisor: Dr. Prithpal Singh Matreja Co-Supervisor: NA	<p>The CRC was satisfied with the presentation of the Fellow for his/her approval of title and protocol from both IEC and CRC. The Study has been registered in CTRI and patient recruitment would start from 8th July, 2024 (As per CTRI).</p> <p>The Candidate was advised to complete the sample size soon and start working on writing on Introduction and Methodology</p> <p>Paper Sent for Publication – Post-marketing Surveillance of Atorvastatin and Rosuvastatin – A descriptive analysis of Musculoskeletal adverse effects from Eudravigilance Database.</p> <p>MOOC – Course on Prevention and Management of Diabetic Foot and Introduction to Dengue.</p> <p>Attended: Symposium on Coronary Artery Disease on 20.03.2024; Navigating the complexities of Diabetes Mellitus: Current Trends and Practical Insight on 17.04.2024; Basic Concept of AEFI Surveillance and Causality Assessment of AEFI Cases on 27.05.2024; Guest Lecture on IPR and Its role in Research and Innovation on 30.04.2024</p> <p>The CRC was satisfied with her research progress and further recommended that her registration be continued in the Ph.D. Programme of TMU.</p>

Batch-4: (January, 2024)

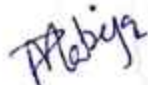
S. No.	Name of Research Fellow, Registration Number with Date & Enrollment Number	Topic of Research & Name of Supervisor & Co-Supervisor	Comments of the CRC
1	Priya Anjali (Medical Biochemistry) Registration No: TMD23Ph.D/821 Registration Date: 14.02.2024 Enrollment No: TDR2334001	Proposed/ Approved Topic: Study of serum level of HMGB1 (High Motility Group Box-1), Inflammatory Markers and Markers of Oxidative Stress in patients with Coronary Artery Disease. Supervisor: Dr. P Ushakiran Co-Supervisor: Dr. Jigar Haria	The CRC was satisfied with the presentation of the Fellow for his/her review of the literature. Thus, the CRC awarded 4 credit points for his/her presentation. The CRC further advised the Fellow to present his synopsis with a working topic in the next SPR Presentation after six months as per Annexure E. Attended: Guest Lecture on IPR and Its role in Research and Innovation on 30.04.2024; Clinical Research Data Analysis using SPSS- Basic Level and Validation (15-17.04.2024); CME on Quality Control and Quality Assurance at GEIMS, Dehradun on 04.04.24 The CRC was satisfied with her research progress and further recommended that her registration be continued in the Ph.D. Programme of TMU
2	Mahima Yadav (Medical Microbiology) Registration No: TMD23Ph.D/823 Registration Date: 16.02.2024 Enrollment No: TDR2323001	Proposed/ Approved Topic: Molecular detection of <i>erm</i> gene among <i>Staphylococcus aureus</i> isolates with inducible clindamycin resistance Supervisor: Dr. Umar Farooq Co-Supervisor: NA	The CRC was satisfied with the presentation of the Fellow for his/her review of the literature. Thus, the CRC awarded 4 credit points for his/her presentation. The CRC further advised the Fellow to present his synopsis with a working topic in the next SPR Presentation after six months as per Annexure E. Attended: Advance Technique in Thesis Writing (11-17.06.2024) The CRC was satisfied with her research progress and further recommended that her registration be continued in the Ph.D. Programme of TMU
3	Shivangi Gupta (Medical Microbiology) Registration No: TMD23Ph.D/822 Registration Date: 09.02.2024 Enrollment No: TDR2323002	Approved Topic: Detection of Hepatitis-C virus genotype and its viral load among patients infected with Hepatitis-C in Western Uttar Pradesh Supervisor: Dr. Sudhir Singh	The CRC was satisfied with the presentation of the Fellow for his/her review of the literature. Thus, the CRC awarded 4 credit points for his/her presentation. The CRC further advised the Fellow to present his synopsis with a working topic in the next SPR Presentation after six months as per Annexure E.


		Co-Supervisor: NA	<p>Attended: Advance Technique in Thesis Writing (11-17.06.2024); Three day International Workshop on Data Mining Techniques using R Programming.</p> <p>The CRC was satisfied with her research progress and further recommended that her registration be continued in the Ph.D. Programme of TMU</p>
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Agenda-2: Any other matter with the permission of the CRC – NA

Agenda-3:

Action Taken Report: NA


Prof. (Dr.) Prithpal S Matreja
 Signature of the Research Coordinator


Prof. (Dr.) S K Jais
 Signature of the Chairperson CRC

Separate attendance sheet of the CRC Members & Fellows will be sent along with the MOM with other required documents