



TEERTHANKER MAHAVEER UNIVERSITY

College of Paramedical Sciences
(Established under Govt. of U. P. Act No. 30, 2008)
Delhi Road, Moradabad (U.P.)
E-mail: director.paramedical@tmu.ac.in

Date: 18/6/24

Attendance Sheet

The Board of Studies (BOS) held on 18th June 2024 in the committee room of College of Paramedical Sciences.

All the following members are present:

Name	Designation	Department	Signature
Prof. Navneet Kumar	Principal	Chairperson	
Dr. Ankit Srivastava	Associate Professor West Bengal National University of Juridical Science, Kolkata, WB	Forensic Science	 18.06/24
Dr. Pramod Suryakantrao Dode	(Internal Expert) Associate Professor	Dept. of FMT TMMC & RC	 18/06/24
Dr. Seema Awasthi	(Internal Expert) Professor and Head,	Department of Pathology, TMMC&RC	
Dr. Rajul Rastogi	(Internal Expert) Professor,	Dept. of Radio Diagnosis TMMC&RC	 18/06/2024
Dr. Ashish Chandra	(Internal Expert) Professor and Head,	Dept. of Ophthalmology, TMMC&RC	
Dr. Ruchi Kant	(Internal Member) Professor and Head,	Medical Lab Techniques	 18/6/24
Mr. Ravi Kumar	(Internal Member) Assistant Professor and Head	Forensic Science	
Mr. Rakesh Kumar Yadav	(Internal Member) Assistant Professor and Head	Optometry	
Mr. Amit Bisht	(Internal Member) Assistant Professor and Head	Radiological Imaging Techniques	 18-6-24



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The meeting started with the welcoming of the chairperson and all the external members. The chairperson apprised the members about the objectives and agenda points of the meeting.

Following agenda points were discussed:

Agenda I: Confirmation of Minutes of Meeting (MOM) held on 29th December 2023.

Agenda II: Revision in the syllabus

(A) Reconstruction of the curriculum and syllabus for B.Sc. Forensic Science, according to NEP commencing from session 2024-25

Discussions and Resolutions:

The following points were observed by the board to be examined and recommended as per the need of the program:

- The expert suggested that the course titles for the ability enhancement courses listed in the fourth, fifth, and sixth semesters should correspond to instrumental techniques such as microscopy, chromatography, and spectroscopy, etc., rather than Instrumentation 1, 2, or 3.
- The expert observed that the course codes, which are quite lengthy to be remembered, should also be reviewed, whether they will remain the same for the following year or they will change annually. committee preferred the decision for the Academic Council meeting as the matter is administrative in nature. The finalization of codes for the suffix "P" for practical and "T" for theory courses should also be decided by the management, suggested by the committee. The theory and practical course codes differ; therefore, they might be counted as separate courses, which would push the overall number of courses above the permeability limit. Code splitting ought to be completed using the ERP site.
- In order to address the issue of theoretical and practical, the former might be of three credits, and the latter of one credit. It should be presented with the same code, with the suffix "P" for practical courses and "T" for theory courses, if possible. All the changes may be explored as per the guidelines of the University, the expert suggested.

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- The internship should be provided in the fifth semester (minimum seven days) and seventh semester (minimum fifteen days); followed by a minor project in the sixth semester and a major project in eighth semester to enhance the practical skills and exposure.
- Project total should be determined based on credits.
- The student must complete a 4-credit vocational internship in order to get their diploma and certificate upon graduation.
- The course has to be examined for plagiarism and resemblances.
- Minor courses pool is recommended to be decided according to recruitment rules for better employment for the students.
- Topics like biochemistry and microbiology are related to biology in some way and ought to be offered and included in biology minor.
- Since computer science is necessary for those who want to work in cyber security or digital forensics, it may be offered as a minor, if required.
- If toxicology is added as a minor, its syllabus should be explored and maintained in the pertinent semester in accordance with the syllabus's progression from basics to principles to mechanisms.
- If biochemistry is added as a minor, then, the chronology of the courses should be in order.
- The PBL category's "Forensic case study" is inappropriate; and suggested to update it as PBL with a detailed procedure.
- In the contemporary context, MOOCs are essential for students, and must be included in the curriculum at some point.
- "Crime Scene Management" would be a better title for the interdisciplinary course "Crime Scene Investigation." The expert advised to change it.
- Since PSOs 3 and 4 seem less appropriate, they ought to be reviewed, also suggested by the expert.
- Program structure evaluation scheme is attached as (Annexure 1)

(B)1. Name of the program: **B.Sc.in Radiological Imaging Techniques**

2. Level of the program- UG

S.NO	Name & code of the courses added	Name & code of the courses deleted	Name & code of the courses where revision is proposed	Name of the stakeholder from where the inputs have been received	Need /rationale to justify the revision
1.	Nil	Nil	Biochemistry (Lab) BRT-S-153 (ANNEXURE 2A)	Expert, and Faculty	Some Practical topics are not required in the program.
	Nil	Nil	Human Anatomy II BRT-S-201 (ANNEXURE 2B)	Expert, and Faculty	Some topics are not introduced, as it will improve the knowledge& help in clinical Practice.

Discussions and Resolutions:

- As long as the modifications meet the level and program requirements, all BOS members recommended making them.
- New Course Code must be decided before implementation.
- New syllabus after the suggestions and recommendations of all BOS members is annexed (Annexure 2)

Agenda III: Recommendation of MOOC'S to be conducted through online platforms and to provide certificate from the same platform from session 2024-25.

Discussions and Resolutions:

- This is recommended for every student to take at least one MOOC's throughout the 4th & 5th Semester for UG Program & 2nd Semester for PG Program (or wherever applicable).
- Internal assessment is advised to discontinue from the session 2024-25 instead, upon completing MOOCs, students can receive two credits towards their semester's completion by submitting their MOOC completion certificate to the Examination Cell as verification.

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- Approval will be valid only for the semester on offer.

Agenda IV: Approval of external examiner list annexed (Annexure 3)

Discussions & Resolutions

- External examiner list is recommended as such by all BOS members.

Agenda V: Ratification of Open Elective courses (Annexure 4)

Discussions & Resolutions

- The above agenda is recommended as such by all BOS members.

Agenda VI: Ratification of Value Added Courses (Annexure 5)

Discussions & Resolutions

- The above agenda is recommended as such by all BOS members.

Agenda VII: Typographical error in MSc. MLT (Annexure 6)

Discussions & Resolutions:

- There is some content in Unit 4 of MMLT-CH-401 that has no bearing on the course material. This type of content results from a typographical error, which is advised to recommended to be fixed using the original text.
- Experts advised avoid modifying the course code because it is the only typographical error.
- There is a basic typographical error in MMLT-CH-452, which should be fixed. It is reflecting as MSc. Optometry when it should actually read MMLT.

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The meeting ended with vote of thanks to the chair.

External Expert: Dr. Ankit Srivastava


18.06/24

Internal Experts:

1. Dr. Pramod Suryakantrao Dode


18/06/24

2. Dr. Rajul Rastogi


18/06/2024

3. Dr. Seema Awasthi


Ab

4. Dr. Ashish Chandra


fami

Internal Members:

1. Dr. Ruchi Kant


18/6/24

2. Mr. Ravi Kumar


fami

3. Mr. Rakesh Kumar Yadav


fami

4. Mr. Amit Bisht


18-6-24


Prof. Navneet Kumar(Chairperson)

Principal,

College of Paramedical Sciences,

Teerthanker Mahaveer University


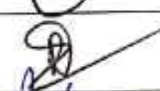




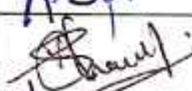


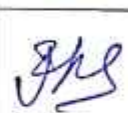
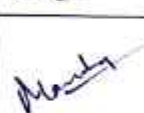


Ref: PM/ /2024

Date: 19/06/2024

Minutes of Meeting of Board of Faculty

The Board of Faculty (BOF) meeting was conducted on 19th June, 2024 in the committee room of College of Paramedical Sciences.

All the following members were present:

S.No.	Name	Designation	Department	Signature
1	Prof. Navneet Kumar	Principal	Chairperson	
2	Dr. Ruchi Kant	Professor and Head,	Medical Lab Techniques	
3	Mr. Rakesh Kumar Yadav	Assistant Professor and Head,	Optometry	
4	Mr. Amit Bisht	Assistant Professor and Head,	Radiological Imaging Techniques	
5	Mr. Ravi Kumar	Assistant Professor and Head,	Forensic Science	
6	Ms. Sakshi Bisht	Assistant Professor	Medical Lab Techniques	
7	Ms. Versha Rajput	Assistant Professor	Medical Lab Techniques	
8	Mrs. Anjali Rani	Assistant Professor	Optometry	
9	Mr. Pinaki Adak	Assistant Professor	Optometry	
10	Mr. Raushan Kumar	Assistant Professor	Radiological Imaging Techniques	
11	Ms. Mamta Verma	Assistant Professor	Radiological Imaging Techniques	
12	Mr. Aakash Chauhan	Assistant Professor	Forensic Science	
13	Mr. Yogesh Kumar	Assistant Professor	Forensic Science	




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14	Ms. Shivane M. Kaul	Professor and Head,	Physiotherapy	
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The meeting started with the welcoming of the chairperson and all the external members. The chairperson apprised the members about the objectives and agenda points of the meeting.

Following agenda points were discussed:

Agenda I: Confirmation of Minutes of Meeting (MOM) held on 29th December 2023.

Agenda II: Revision in the syllabus

(A) Reconstruction of the curriculum and syllabus for B.Sc. Forensic Science, according to NEP commencing from session 2024-25

Discussions & Resolutions

During the meeting Prof. (Dr.) Ruchi Kant explained the points of BOS and the committee member unanimously recommended/not recommended the points in the following manner.

- The recommendations made by the members of the BOS committee to expand the instrumentation portion to include microscopy, chromatography, and spectroscopy in the fourth, fifth, and sixth semesters, respectively, have been approved by all members of the BOF.
- Regarding the codes of the paper to change every year or not or it's simplification, the committee preferred the decision for the Academic Council meeting as the matter is administrative in nature. The finalization of codes for the suffix "P" for practical and "T" for theory courses should also be decided by the management, suggested by the committee. The committee recommended to keep theory for 3 credits and practical for 1 credit. The course codes may be kept separately but should be projected appropriately during the result.
- The committee considered the suggestions of BOS expert and recommended to keep internship in the fifth semester (minimum seven days) and seventh semester (minimum fifteen days); a minor project in the sixth semester and a major project in eighth semester to enhance the practical skills and exposure.

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- The BOF committee reached a consensus that, students may be granted a UG certificate (1year) or UG Diploma (2year) if they have earned the required 4 credits of vocational training, in both semesters II (certificate prog) and IV (diploma prog) with 44+4 and 92+4 credits, respectively.
- The BOF committee also recommended to check the syllabus for any similarity or plagiarism.
- The BOF committee accepted the BOS recommendations to include topics like microbiology and biochemistry to the minor pool of biology disciplines.
- As forensic toxicology and associated material are already covered in major subjects, the BOF committee acknowledged the BOS recommendations, meaning that the necessity to teach toxicology has been met. The committee further stated that the syllabus should be reviewed in accordance with the chronology, starting with fundamentals and moving on to principles and mechanisms.
- Regarding the addition of Computer Science as a minor subject, the committee suggested that Cyber forensic and related content have already been included in the Major subjects, a suitable decision to include computer science as a minor subject, may be taken at a later stage based on the requirement of the students and department.
- The committee agreed on the point that the minor subjects should be checked according to the recruitment rules of forensic science.
- In the PBL category (Sem. III & IV), the committee recommended to keep PBL with an operating procedure that will help the students to explore the new problems and their solutions.
- All BOF and BOS members agreed on the point to add MOOC's in B.Sc. Forensic Sciences Semester VIII.
- The BOF committee also recommended to change the course "Crime Scene Investigation" as "Crime Scene Management".
- PSO's and PO's are aligned according to Bloom's Taxonomy. It is recommended that PSO4 be removed because it is deemed inappropriate in light of the content, whereas PSO3 is corrected as Interdisciplinary collaboration and problem solving.
- Final syllabus after incorporating the suggestions of BOS and BOF is annexed (Annexure I).

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B) 1. Name of the program: **B.Sc.in Radiological Imaging Techniques**

2. Level of the program- UG

S.NO	Name & code of the courses added	Name & code of the courses deleted	Name & code of the courses where revision is proposed	Name of the stakeholder from where the inputs have been received	Need /rationale to justify the revision
	Nil	Nil	Biochemistry (Lab) BRT-S-153	Expert, and Faculty	Some Practical topics are not required in the program.
2.	Nil	Nil	Human Anatomy II BRT-S-201	Expert, and Faculty	Some topics are not introduced, as it will improve the knowledge& help in clinical Practice.

Discussions & Resolutions

- For the course Biochemistry (Lab) **BRT-S-153**, since there have been few topics removed and only minor changes made, there is no need to create a new course code.
- New course code for Human Anatomy II **BRT-S-201** is recommended as Human Anatomy II **BRT-S-211**.
- Modified syllabus is annexed as (Annexure 2)

Agenda III: Recommendation of MOOC'S to be conducted through online platforms in all the programs of College of Paramedical Sciences and, to provide certificate from the same platform from session 2024-25.

Discussions and Resolutions:

- Every member of the board acknowledged and valued the recommendations made by BOS, as they will improve students' abilities and expose them to new opportunities.

Agenda IV: Approval of external examiner list annexed.

Discussions & Resolutions

- External examiner list is recommended as such by all BOF members (**Annexure 3**)

Agenda V: Ratification of Open Elective courses (Annexure 4)

Discussions & Resolutions

- The above agenda is recommended as such by all BOS members.

Agenda VI: Ratification of Value Added Courses (Annexure 5)

Discussions & Resolutions

- The above agenda is recommended as such by all BOF members.

Agenda VII: Typographical error in MSc. MLT

Discussions & Resolutions:

- There is no need to write new code because these are merely typographical adjustments. Every BOF member gave their acceptance in the same way.
- Unit 4 of MMLT-CH-401 is replaced by the corrected one and
- MMLT will be reflected in MMLT-CH-452.
- Modified syllabus for the final approval is annexed (**Annexure6**).



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Agenda VIII: Proposal of new syllabus: BPT 3rd semester onwards (Annexure VII)

Level of the program: UG

Name of the Programme: Bachelor of Physiotherapy

Discussions & Resolutions:

The proposed syllabus was approved as recommended by BOS members.

Agenda IX: Discussion over interdisciplinary courses in the BPT syllabus (Annexure VIII)

Level of the program: UG

Name of the Programme: Bachelor of Physiotherapy

Discussion & Resolution

During the meeting the proposed Interdisciplinary Courses, were approved.

Agenda X: Addition of topics in Research Methodology Course in MPT syllabus (Annexure IX)

Level of the program: PG

Name of the Programme: Master of Physiotherapy

Discussion & Resolution

New topics added to Unit 2, 3 & 5.

Agenda Point XI: Discussion on feedback from various stakeholders (Annexure X)

Discussion & Resolution

The feedback collected on syllabus, teaching and learning for the session 23-24 from various stakeholders was apprised to the BOF members.



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Agenda Point XII: Approval of Interdisciplinary minor courses under NEP 2020 in collaboration with College of Nursing. (Annexure XI)

Level of the program: UG

Name of the Programme: Bachelor of Physiotherapy

Discussion & Resolution

During the meeting the proposed Interdisciplinary Courses, were approved.

Agenda Point XIII: Revision in document for conducting internship

Level of the program: UG

Name of the Programme: Bachelor of Physiotherapy

Discussion & Resolution

The changes done and proposed by BOS members have been accepted and recommended for further approval.

Agenda Point XIV: Discussion over the list of External Examiners. (Annexure XII)

Discussion & Resolution –

During the meeting the proposed list of External Examiners was approved.

Agenda Point XV: Any other points to be discussed

No other point was discussed.

The meeting ended with vote of thanks to the chair.