



**QUALITY COUNCIL
OF INDIA**
Creating an Ecosystem for Quality



सत्यमेव जयते

राष्ट्रीय आयुर्विज्ञान आयोग

National Medical
Commission

DRAFT FRAMEWORK FOR ACCREDITATION AND RANKING OF COLLEGES REGULATED BY NATIONAL MEDICAL COMMISSION

INDEX

S.No.	Particulars	Page No.
1.0	Scheme of Criteria & related Parameters and allocated weightages	3
2.0	Operational Definition of Criteria mapping with NMC Regulations for Assessment and Rating of Medical Colleges	4
3.0	Allocation of weightages to Parameters subsumed under Criteria	8
4.0	Operational Definition & Scoring Rubrics for Parameters subsumed under Criteria	22
	4.1. Curriculum	22
	4.2. Practical/Hand on/ Clinical Experiences	30
	4.3. Teaching-Learning Environment- Physical Psychological & Occupational	44
	4.4. Student Admission, Attainment of Competence & Placement Status	55
	4.5. Human Resource & Teaching – Learning Process	62
	4.6. Assessment Policy: Formative, Internal & Summative Assessment	75
	4.7. Research Output & Impact	78
	4.8. Financial-Resource: Recurring & non-recurring expenditures	85
	4.9. Community Outreach Programs	95
	4.10. Quality Assurance System	98
	4.11. Feedback & Perception of Stakeholders	100

1.0 Scheme of Criteria related Parameters & allocated weightages

S.No.	Assessment & Rating Criteria	Parameters		Total Parameters	Total allocated weightages
		Qualitative	Quantitative		
1	Curriculum	3	3	06	70 (7%)
2	Practical/Hand on/Clinical Experiences	0	14	14	160 (16%)
3	Teaching – Learning Environment: - Physical, Psychological & Occupational	11	0	11	100 (10%)
4	Students' Admission & Attainment of Competence	2	7	9	130 (13%)
5	Human Resource & Teaching-Learning Process	2	11	13	160 (16%)
6	Assessment Policy: Formative, Internal & Summative Assessment	2	0	2	20 (2%)
7	Research Output & Impact	0	10	10	100 (10%)
8	Financial-Resource: Recurring & non-recurring expenditures	0	14	14	100 (10%)
9	Community Outreach Programs	0	4	4	50 (5%)
10	Quality Assurance System	0	3	3	30 (3%)
11	Feedback & Perception of Stakeholders	0	6	6	80 (8%)
Total		20	72	92	1000

2.0. Operational Definition of Criteria mapping with NMC Regulations for Assessment and Rating of Medical Colleges

Criterion 1- Curriculum

Operational explanation- This criterion aims to capture information related to implementation of Competence Based Curriculum prescribed by Medical Regulators for UG and PG programs. Some parameters of qualitative nature & some parameters of quantitative natures are subsumed under this criterion. Qualitative parameters are predominantly related to process aspects of implementation of Curriculum, for verification of curriculum implementation, sampled faculty staff representation from all clinical & non-clinical specialties & physical interaction of sample students. For all qualitative & quantitative parameters, Data Capture Format (DCF) have been designed and accordingly Medical College will respond to DCF of each parameter. Under this criterion, one parameter is related to Faculty Development Program (FDP), this parameter will capture information about whether Faculty staff have undergone BCW (Basic Course Workshop), CISP (Curriculum Support Implementation Program) and Advance Course in Medical Education etc. which are essential for implementation of Curriculum. Further some parameters are related to capturing information about MOUs/Agreement signed with reputed Institution in India & abroad for exposing Faculty & students to best practices in Medical Education. This Criterion and related parameters are related to MSR and academic excellence category of assessment & rating criteria set forth by NMC.

Criterion 2- Practical/Hand on/Clinical Experiences

Operational explanation- Based on the curriculum laid down by the Medical Regulator for UG and PG programs in Medical Education, students will be provided with mandatory hands-on experiences in Clinical and Procedural Skill Laboratories. Furthermore, as per the prescribed curriculum, students will have early clinical exposures, followed by mandatory clinical postings that encompass community, primary, secondary care-based learning experiences, as well as emergencies. The parameters designed under this criterion predominantly focus on skill laboratory-based hands-on experiences and mandatory clinical experiences during clinical postings in healthcare settings

Criterion 3- Teaching –Learning Environment: - Physical, Psychological & Occupational

Operational explanation- This criterion deals with 'Teaching-Learning Environment' created by Medical College/Institution. In the NMC Regulation-2023 pertaining to 'Assessment and Rating' of Medical Colleges, it has been specified that some parameters should be derived from "Teaching-Learning Environment" aspects of college functioning. Parameters subsumed under this criterion are predominantly dealing with physical and psychological teaching learning environment. Under this

criterion for physical aspect of teaching learning environment parameters like physical support facilities for Library, Laboratories, Audio-visual aids facilities/ICT facilities, support facilities for sports and extra-curricular activities, hostel accommodation and physical safety measures have been set forth. Further for psychological aspect of teaching-learning environment, parameters like guidance and counselling facilities and facilities for remedial intervention have been set forth.

Criterion 4- Students' Admission & Attainment of Competence

Operational explanation- This criterion has been aligned with the NMC regulations pertaining to the establishment of Medical Colleges, Assessment & Rating, and the increase of seats for Medical education. The parameters set forth under this criterion predominantly deal with student admissions, the attainment of competences, and placement status. As a Competence-Based Curriculum has been laid down for UG and PG programs in Medical Education by the concerned Medical Regulator, this criterion focuses on checking the level of competence achieved by sampled students in both skill laboratory-based simulated settings and real clinical settings. Additionally, the NEET scores of students admitted to UG or PG programs will be compared with those of students from other colleges, serving as a proxy for how students perceive the quality of the respective Colleges/Institutions before admission. Under this criterion, there are parameters that deal with the NEET scores of students currently undergoing UG/PG programs or those who have completed UG/PG programs but have appeared in NEET examinations for admission to higher programs in medical education. This serves as a proxy parameter for evaluating the quality of the teaching-learning process and academic excellence, as mentioned in the Assessment and Rating regulations of the NMC. Parameters related to Placement Status primarily focus on the employability of students after completing their programs.

Criterion 5- Human Resource & Teaching-Learning Process

Operational explanation- This criterion deals with the regulations laid down by Medical Regulators for the requirements of faculty staff for UG and PG programs. Furthermore, under this criterion, some parameters are related to the Teaching-Learning Process, which are derived from the academic excellence category of assessment and rating criteria mentioned in the regulations laid down by the NMC. This criterion also covers the types of teaching and clinical training methods employed by faculty staff, aligning with the Competence-Based Curriculum prescribed by Medical Regulators for UG and PG programs.

Criterion 6- Assessment Policy: Formative, Internal & Summative Assessment

Operational explanation- This criterion predominantly deals with formative, internal and summative assessment vis-à-vis competence based Curriculum by Medical Regulators. For deriving parameters, guidelines and curriculum have been referred. There are some parameters which are related to assessment tools and techniques

prescribed for formative and internal assessment and these parameters have been derived from prescribed curriculum and guidelines for UG and PG Programs. Further under this criterion, parameters related to external examination/summative assessment conducted by affiliating university have been mentioned. Parameters related to 'Formative, Internal & Summative' assessment tools and techniques have been aligned with academic excellence category of assessment and rating criteria, because without right kind of assessment tools and techniques, how students are developing mastery over pre-specified competences cannot be monitored and verified.

Criterion 7- Research Output & Impact

Operational explanation- This criterion of "Research Output & Impact" has been derived from NMC Regulations laid down for Assessment and Rating of Medical Colleges/Institutions. Under this criterion, parameters like number of research papers published in indexed journals, number of citations, number and type of funded research projects completed/ongoing in College, number of patent filed/granted, number of Faculty staff in PG Programs recognized for PG Guides etc. are subsumed. While deriving parameters for this Criterion, it has been taken into account that parameters should be related to both quantity & quality of research activities in Medical College/Institution.

Criterion 8- Financial-Resource: Recurring & non-recurring expenditures

Operational explanation- Under this criterion, those parameters are kept which are proxy for effective teaching learning process and clinical training of students. Amount spent on procurement of consumable material/articles in Laboratories, amount spent on purchasing of Books & Journals, amount spent on augmentation of resources for indoor & outdoor sports facilities, amount spent on conducting Professional Development programs for Faculty staff, amount spent on salary of teaching & non-teaching staff etc., all these parameters are proxy for how effectively students are provided with learning experiences in Laboratory based simulated set up, how faculty staff are provided with opportunities for enhancing their teaching & training skills for implementation of Competence based Curriculum etc. Amount spent on Laboratories of Clinical departments are indicative of patient loads in teaching hospital, these are essential clinical materials for effective clinical training of students in actual clinical setting. This criterion is directly related to academic excellence, satisfactory teaching learning environment and further facilitates compliance with minimum standards laid down by Medical Regulator for implementation of Competence based Curriculum for UG and PG Programs.

Criterion 9- Community Outreach Programs

Operational explanation- This criterion deals with Community Outreach Programs being conducted by Medical College. NMC had laid down provisions that students must be exposed towards Community based Health Care and thereby enhancing equity in health. As per laid down provision of NMC, Medical College is required to adopt PHCs

(Primary Health Centers). Under this criterion, information like number of Villages & Families adopted, number of medical camps organized in adopted villages etc. Further how these outreach programs initiated by Medical College have resulted into tangible health care outcomes like number of immunization conducted, sanitation awareness conducted for how many families, number of patients admitted in the hospital for acute illness under government schemes etc.

Criterion 10- Quality Assurance System

Operational explanation- This criterion deals with the Quality Assurance System (QAS). It encompasses practices related to the QAS, such as the proactive approach of Medical Colleges, including accreditation of Laboratories by specialized and recognized national or international bodies, as well as accreditation of Hospitals by specialized national or international bodies. This parameter primarily focuses on gathering information that indicates how the Medical College ensures compliance with Standard Operating Procedures (SOPs) established by specialized accreditation bodies for the functioning of Laboratories and Hospitals. Additionally, information will be gathered regarding the implementation of safety measures in accordance with NMC guidelines. This parameter is aligned with the Minimum Standard Requirements (MSR) laid down by the Medical Regulator and the broad criteria established for the assessment and rating of Medical Colleges.

Criterion 11- Feedback & Perception of Stakeholders

Operational explanation- This criterion focuses on capturing feedback and information about the perception of stakeholders such as students, staff, alumni, and the District Residency Programme Coordinator, regarding the quality of Medical Colleges. It is crucial to understand the facilities available in the Medical College from the students' perspective. Students have direct experience to these facilities and can provide relevant information about whether the available resources contribute to their training as intended by the Medical Regulator. Additionally, understanding the perception of alumni towards the Medical College is important to assess how their past training at the institution has influenced their professional lives and their overall experience of the College's quality. Feedback and satisfaction surveys will be conducted for faculty staff to gain insight into their experiences while implementing the Competence-Based Curriculum at the College, as well as their level of satisfaction regarding work conditions and benefits provided by the institution. The criterion also involves collecting feedback from the District Residency Programme Coordinator. Furthermore, a parameter related to the admission of foreign students in the Medical College serves as an indicator of perceived quality about the institution. This criterion is associated with the assessment and rating criteria set forth by the NMC, specifically related to Students' Feedback, Academic Excellence, and Teaching-Learning Environment categories.

3.0. Allocation of weightages to Parameters subsumed under Criteria

S. No.	Criterion	Parameter	Weightage allocated to Parameter	Nature of Parameter (Qualitative or Quantitative)	Performance Level			
					0	1	2	3
1-	Curriculum	1. Implementation of Curriculum by Institution/College in alignment with Program Specific Competences laid down by NMC	15	Qualitative				
		2. Number of Value Added/Elective Courses being offered by College/Institution within scope laid down in Regulations	10	Qualitative				
		3. Functioning of Institutional Academic Committees	05	Qualitative				
		4. Faculty wise data for attending of Basic Course & advance course workshops in Medical Education Technology (MET) being organized by Regional Centres/Nodal Centres designated by NMC	20	Quantitative				
		5. No. of Collaborations/MOU's with National & International Institutions	10	Quantitative				
		6. Tangible outcomes pertaining to MOUs/Agreement signed for Collaboration/Partnering with Institutions in India & abroad	10	Quantitative				

		with higher ranking in NIRF/QS Ranking. 6.1-Conducting Workshops or Seminar or Conferences in collaboration with reputed Institution in India (NIRF/QS Ranking) 6.2-Conducting Workshops or Seminar or Conferences in collaboration with reputed Institution in abroad (QS Ranking) 6.3-Exchange Programs for students & Faculty Staff partnering with reputed Institution in India (NIRF) 6.4-Exchange Programs for students & Faculty Staff partnering with reputed Institution in abroad (QS Ranking) 6.5-Statrategic Partnership for research projects with reputed Institution in abroad (QS Ranking)						
--	--	--	--	--	--	--	--	--

		6.6-Strategic Partnership for research projects with reputed Institution in India (NIRF)						
2-	Practical/Hand on/Clinical Experiences	1. Provision of Clinical Exposure/posting to students vis-à-vis type of Clinical Site/Setting	10	Quantitative				
		2. Provision of Clinical Experiences/Posting to students vis-à-vis Clinical site/setting with varied Specialties/Departments	10	Quantitative				
		3. Specialty/Clinical Department wise Average per month Patient Attendance/admission for treatment in OPD & IPD in last 1 year	20	Quantitative				
		4. Specialty wise Average % of Bed Occupancy in Hospital in last 1 year	20	Quantitative				
		5. Specialty wise Number of Minor operative works performed in OT in past 1 Year	10	Quantitative				
		6. Specialty wise Number of Major operative works performed in OT in past 1 Year	10	Quantitative				
		7. Number of Clinical Exposure to students in actual setting in Inter-Professional Education (IPE) set-up	10	Quantitative				
		8. Number of Total Enrolled students deputed for District	10	Quantitative				

		Residency Programme (DRP) in PG Programs (Batch wise Data in last 3 Years)						
		9. On Average Radiological Investigations performed in OPD & IPD together in last 1 Year	10	Quantitative				
		10. On Average Laboratory Investigations performed in OPD & IPD together in last 1 Year	10	Quantitative				
		11. On Average Daily Patient Attendance in Casualty Department/ Emergency in past 1 year	10	Quantitative				
		12. On Average per month Patient Attendance in Community Health Care Centers (Rural/Urban) for Community Field based Health Care Experiences	10	Quantitative				
		13. No. of patients treated in Critical care/ HDU/NICU	10	Quantitative				
		14. No. of deliveries (both normal & C-Section) in past 1 year	10	Quantitative				
3-	Teaching – Learning Environment: - Physical, Psychological & Occupational	1. Provisions of Biomedical Waste Management in Medical College	08	Qualitative				
		2. Provisions of Hospital Infection Control Measures for HCAI (Health Care Associated Infection)	08	Qualitative				

	3. Provisions for Prevention of Ragging & Gender Harassment in Medical College	08	Qualitative				
	4. Provisions for Safety Measures for Diagnostic Radiology/Radiotherapy vis-à-vis AERB (Atomic Energy Regulation Board)	08	Qualitative				
	5. Provisions for Fire Safety in Campus (Teaching Block, Hospital Block & Hostel Block)	08	Qualitative				
	6. Provision and utilization of students' amenities (Indoor & outdoor sport facilities, extra-curricular activities etc.)	10	Qualitative				
	7. Adequacy, Functionality & Optimum Utilization of Practical Laboratories	10	Qualitative				
	8. Adequacy, Functionality & Optimum Utilization of Clinical & Procedural Skill Laboratory based Resources	10	Qualitative				
	9. Adequacy, Functionality & Optimum Utilization of ICT Facilities/Medical Education Technology (MET) Unit	10	Qualitative				
	10. Hostel Accommodation Capacities & Safety Measures	10	Qualitative				
	11. Adequacy, Functionality & Optimum Utilization of	10	Qualitative				

		Physical/Digital Library based resources						
4-	Students' Admission & Attainment of Competence	1. Demonstration of procedures by Sampled students in Procedure & Clinical Skill Laboratory/Simulated Setting	30	Qualitative				
		2. Demonstration of Clinical procedures/clinical skills by sampled students at Clinical site (Hospital)	30	Qualitative				
		3. Number of students/alumni cleared national level conducted NEET Examination for next level of admission in PG & higher course in past 1 year	10	Quantitative				
		4. Number of Students/Alumni joined PG & higher courses in India & abroad in past 1 year	10	Quantitative				
		5. Performance of Students in Exit/External Examination of Programme Conducted by Affiliating/Examination/Regulatory Body in last 1 year	10	Quantitative				
		6. Average NEET Ranks of students qualified for PG & other higher courses in past 1 year	10	Quantitative				
		7. Average NEET Rank/Scores of students taken admission in UG Programme	10	Quantitative				

		8. Average NEET Rank/Scores of students taken admission in PG Programmes (specialties wise)	10	Quantitative				
		9. Provisions of Financial entitlements (Remunerated Posts/Stipendiary Positions) created by college	10	Quantitative				
5-	Human Resource & Teaching-Learning Process	1. Observation of Teaching cum Training Methods of sampled Faculty Staff in their Theory & Practical Classes	20	Qualitative				
		2. Observations of Clinical Training Practices of Preceptors/Faculty in Simulated/actual clinical setting	20	Qualitative				
		3. Programme wise number of recruited Faculty Staff vis-à-vis Regulatory specifications	20	Quantitative				
		4. Programme wise number of Faculty Staff with additional professional/educational qualifications other than minimum qualifications laid down by NMC	20	Quantitative				
		5. Programme wise Number of Full Time/Regular Faculty vis-à-vis Total Faculty required	15	Quantitative				
		6. Total number of vacancies created due to attrition of staff &	15	Quantitative				

		number of Faculty Staff recruited for filling vacancies in past 2 Years vis-à-vis Total faculty required						
		7. No. of resource persons from the relevant fields invited as Guest/Visiting Faculty for Lectures in last 2 Years	10	Quantitative				
		8. No. of prestigious Awards/Prize instituted at International or National or State level availed by students of college in last 2 Years	10	Quantitative				
		9. No. of prestigious Awards/Prize instituted at International or National or State level availed by Faculty of College in last 2 Years	10	Quantitative				
		10. Number of Extra/Co-curricular Student awards instituted at State/National/International level in past 2 years	05	Quantitative				
		11. Number of Faculty Staff contributed in Designing of Course Materials (Online & offline) at International or National or State level recognized platforms in past 2 years	05	Quantitative				
		12. Number of Paper Presentations by Faculty Staff in recognized International/National & State	05	Quantitative				

		level Conferences/Competitions in last 2 Years						
		13. Number of Academic Presentations by Students in recognized International/National & State level Conferences/Competitions in last 2 Years	05	Quantitative				
6-	Assessment Policy: Formative, Internal & Summative Assessment	1. Formative & Internal Assessment vis-à-vis Guidelines of Student Assessment	10	Qualitative				
		2. Log Books & Portfolio based Tracking learning progress of students vis-à-vis laid down clinical Skills/Competences	10	Qualitative				
7-	Research Output & Impact	1. Total number of research paper publications by Faculty Staff & students with Institutional Affiliation in last 2 Years in Scopus & WOS indexed Journals	10	Quantitative				
		2. Cumulative Citation Scores (Only in Q1 & Q2 Category Journals)	10	Quantitative				
		3. Publications in High Quartile Category Journals	10	Quantitative				
		4. Cumulative Impact Factors of all publications published by the Institute in indexed Journals in the last 3 Years	10	Quantitative				

		5. No. of patents/ copy rights filed by the Institution in the last 2 years	10	Quantitative				
		6. No. of patents/ copy rights granted in last 2 years	10	Quantitative				
		7. No. of Collaboration projects completed/ongoing in collaboration with Industry/Non-government (National, State/International) funding agencies in last 2 years	10	Quantitative				
		8. No. projects completed/ongoing funded/being funded by government agency in India and abroad like CSIR, ICMR etc. in last 2 years	10	Quantitative				
		9. Total revenue generated through funded projects (Government/Non-Government/International) in the last 3 Years	10	Quantitative				
		10. Percentage of Faculty Staff recognized as PG Guide and number of PG students enrolled per faculty	10	Quantitative				
8-	Financial-Resource: Recurring &	1. Cumulative values of Books & Journals and other Learning Resources purchased in past 1 Year	08	Quantitative				

	non-recurring expenditures	2. Cumulative Amount spent on procurement of consumable Lab based materials in last 1 Year	08	Quantitative				
		3. Cumulative amount spent on maintenance of radiological equipment in past 1 year	08	Quantitative				
		4. Cumulative amount spent on procurement of non-consumable equipment in Laboratories in past 1 years	08	Quantitative				
		5. Cumulative amount spent on Conferences, & workshops with external participants & Resource Persons in last 1 year	08	Quantitative				
		6. Cumulative amount spent on sponsoring participation of Faculty Staff in Professional Development Programs/Continuing Education organized outside the Institution in last 3 Years	08	Quantitative				
		7. Cumulative amount spent on augmentation of resources for indoor & outdoor sports & games facilities in Pat 1 Year	05	Quantitative				
		8. Amount spent on salary for Faculty Staff in last 1 year	08	Quantitative				
		9. Amount spent on salary for Faculty Staff in past 1 year	08	Quantitative				

		10.Amount spent on consumption of Electricity (Units) in last 3 months (separately for Renewable/Green Energy & Non-Renewable)	08	Quantitative				
		11.Amount spent on procurement of consumable -materials for Clinical/operative works in OT for meeting demands of Patients in last 1 year	06	Quantitative				
		12.Amount spent on procurement of non-consumable equipment in OT in past 1 year other than regulatory requirements	06	Quantitative				
		13.Amount spent on strengthening of Safety Measures in Campus in last 1 year	06	Quantitative				
		14.Accreditations of Laboratories by NABL or nationally recognized body	05	Quantitative				
9-	Community Outreach Programs	1. Number of Families adopted by students vis-à-vis NMC Guideline for Family adoption program	10	Quantitative				
		2. Organization of Diagnostic Camps in Village of adopted families, screening & identification disease/ill-health & malnutrition	10	Quantitative				
		3. No. of adopted family members admitted in teaching hospital and provided with subsidized	10	Quantitative				

		treatment under government scheme/welfare scheme						
		4. Tangible improvement in general health of adopted family members by preventive & therapeutic health care services	20	Quantitative				
10-	Quality Assurance System	1. NABH Accreditation of parent/attached hospital	10	Quantitative				
		2. Legal Licenses- (Availability & Validity as per NMC guidelines)	10	Quantitative				
		3. Pharmacovigilance Committee	10	Quantitative				
11-	Feedback & Perception of Stakeholders	1. Feedback from sampled students regarding: • Laboratory/Skill Lab based Facilities • Library based Facilities • Facilities Co-curricular & sports activities • Hostel Facilities • Provision of Safety Measures in Teaching Block, Hospital Block & Hostel Block • Counselling Services & remedial sessions • Clinical posting facilities • Quality of teaching staff	20	Quantitative				
		1. Feedback from sampled faculty regarding: • Lab/Skill Lab based Activities • Clinical postings	10	Quantitative				

		- Community Based Clinical Postings - Formative & Internal Assessment						
		2. Programme wise Number of enrolled Foreign students in last 3 years	10	Quantitative				
		3. Perception of Alumni towards quality of Institution	10	Quantitative				
		4. Students' satisfaction index towards Quality of Institution	10	Quantitative				
		5. Perception of District Residency Programme (DRP) Coordinator at District Level towards Quality of Medical College	10	Quantitative				
		6. Staff satisfaction index towards college/institution.	10	Quantitative				

4.0. Operational Definition & Scoring Rubrics for Parameters subsumed under Criteria

4.1. Criterion-1: Curriculum

Parameter-1: Implementation of Curriculum by Institution/College in alignment with Program Specific Competences laid down by NMC

Operational explanation: - For capturing observations on this parameter, practices of College will be checked whether, College is implementing Competences based Curriculum Prescribed by NMC. As per prescribed framework of curriculum by NMC, College is required to align Theory, practical & Clinical experiences in concerned subjects aligning with prescribed Competences. Further how competences will be developed in students is also suggested in Curriculum Framework like

- Specification of Domains for desired behavioural changes in students
- Specification of mastery levels over competences (K, KH, S, SH & P)
- Suggested teaching/training methods for Faculty
- Suggested assessments methods and tools for evaluating and monitoring mastery level of students over concerned Competences for concerned subjects/specialties et.

For this parameter 25% faculty staff with equal representation from Clinical & non-clinical subjects/specialties will be randomly selected for interaction on the day of Physical visit and further 10 to 15% students will be randomly selected with equal representation from each Professional year for interaction on the day of physical visit.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	○ If college has not selected the option of implementing the competence-based Curriculum	NA
*Level-1	○ If minimum 50% of sampled faculty are able to show documented evidences for organization of theory classes, practical and clinical session as per requirements of concerned subjects	○ Lesson plans or planning documents for theory or practical or clinical session by sampled faculty for concerned subjects ○ Supplemented by planned assessments and assessment evidences of

		students like Written or viva voce assessment data or skill assessment data or Log Book based evidences
Level-2	○ If minimum 50% of sampled students have awareness and are able to tell/show which type competences are required to master and how their mastery over competences determined	○ Explanations by students to check their awareness about type of competences assessed vis-à-vis assessment evidences produced by Faculty ○ Explanations about students to check their awareness about type of competences intended to be developed in them in recent days (past 10 to 15 days)
**Level-3	○ More than 50% at level 1 & Level 2	

****25% faculty will be sampled covering all subjects for interaction with Assessment Team on the day of visit***

*****15% students will be sampled covering all batches for interaction with Assessment Team on the day of visit***

Parameter-2: Number of Value Added/Elective Courses being offered by College/Institution within scope laid down in Regulations

Operational explanation: - This parameter deals with elective courses/value added courses. Elective Courses/value added courses are offered to enhance the standards/competence of students beyond mandatory required as per curriculum prescribed by regulatory body. Elective course/value added course shall be related to Curriculum prescribed by regulatory body. Erstwhile MCI through Modules on Elective Courses has laid down framework for offering Elective Courses at UG Programme in Medical Education.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	○ If the college is offering electives but College has not specified Competence, level of Competence, Teaching & Training methods appropriate for developing Competence in students and assessment methods for determining mastery of students over competence etc.	NA
*Level-1	○ If the college is offering number of Electives/value added course as prescribed by regulatory body ○ Further, College has specified Competence, level of Competence, Teaching & Training methods appropriate for developing Competence in students and assessment methods for determining mastery of students over competence	○ Lesson plans or planning documents for theory or practical or clinical session by sampled faculty for concerned subjects ○ Supplemented by planned assessments and assessment evidences of students like Written or viva voce assessment data or skill assessment data or Log Book based evidences
Level-2	○ If the college is offering one or two or more additional electives/value added course directly related to enhancement in competence/standards of students other than prescribed by regulatory body	○ Time Table & Syllabi and distribution of Units to Faculty ○ Formative Assessment (Periodical or Term Assessment) records
*Level-3	○ If the college has specified Competence, level of Competence, Teaching & Training methods appropriate for developing Competence in students and assessment methods for determining mastery of students over competence etc. for additional electives/value added courses also	○ Explanations by students to check their awareness about type of competences assessed vis-à-vis assessment evidences produced by Faculty

		○ Explanations about students to check their awareness about type of competences intended to be developed in them in recent days (past 10 to 15 days)
--	--	---

****Same set of sampled faculty staff and students related to Parameter-1, will also be interacted for this Parameter-2.***

Parameter-3: Functioning of Institutional Academic Committees

Operational explanation: - This Parameter requires College/Institution to align their academic functioning with Curriculum prescribed by the regulatory body. Under this parameter, it is assumed that College would have constituted some Institutional Academic Committees like Curriculum Committees, Time Table Committees and Examination Committees for alignment of academic functioning with prescribed Curriculum.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	○ If the all 5 questions are found to be "No" based on physical visit of the College	NA
Level-1	○ If the minimum norms prescribed by regulatory body for Teaching-hours distribution as mentioned for Question-3 is adhered by College for each Professional Phase by each Programme	○ Scheme of Teaching hours distribution by Professional year by each programme
Level-2	○ If Question no. 2, 4 & 5 found to be yes for each professional phase by each Programme	○ Master Teaching Schedule & Time table by Professional phase by each Programme ○ skill lab rotation plan by professional phase by each Programme ○ Clinical Rotation Schedule & Teaching Schedule for Clinical Postings by Professional year by each Programme

Level-3	○ If question no. 6 is found to be yes for each professional phase by each programme	○ Internal Examination Schedule by Professional phase by each Programme
----------------	--	---

Parameter-4: Faculty wise data for attending of Basic Course & advance course workshops in Medical Education Technology (MET) being organized by Regional Centres/Nodal Centres designated by NMC

Operational explanation: This parameter is derived from the guideline developed by NMC as medical regulator has made necessary & mandatory for Faculty staff in Medical College/Institutions to undergo Faculty development programs like Basic Course Workshop (BCW) in Medical Education Technology (MET), now revised Basic Course Workshop (rBCW) in MET, AETCOM (Attitude, Ethics, Communication Module), CISP (Curriculum Implementation Support Programme) I & II and Advance Course in Medical Education (ACME). Based on this parameter, Faculty wise information will be captured vis-à-vis their completion of above mentioned Faculty Development Programs.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	○ If no Faculty has completed above mentioned FDPs as mandated by medical regulator	NA
Level-1	○ If minimum 50% Faculty staff attended individually FDPs like BCW/rBCW , AETCOM and CISP	○ Data to be checked with FDP data maintained with Regional & Nodal Centres
Level-2	○ If greater than 50% % Faculty staff attended individually FDPs like BCW/rBCW, AETCOM and CISP ○ If minimum 30% Faculty staff has completed ACME program being organized by Nodal Centres	○ Data to be checked with FDP data maintained with Regional & Nodal Centres
Level-3	○ If greater than 80 % % Faculty staff attended individually FDPs like BCW/rBCW, AETCOM and CISP ○ If minimum 30% Faculty staff has completed ACME program being organized by Nodal Centres	○ Data to be checked with FDP data maintained with Regional & Nodal Centres

Parameter-5: No. of Collaborations/MOU's with National & International Institutions

Operational explanation: - This parameter deals with Collaboration/MOUs executed by Medical College/Institution with partnering Institutions located in India and abroad. Collaborations with partnering Institutions, may bring about channel of mobility which will equip students & Faculty staff with best practices, approaches and methods of Teaching and Training of students in Medical Education. Collaborations in domain academic and research may offer opportunities to students & Faculty staff for visiting to reputed partnering Institutions in India and abroad based on short-term duration exchange programs for learning academic & research practices, conducting short-duration research projects, expanding research based strategic partnership etc.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	○ If the College has not done any Collaboration/MOUs of any kind with partnering Institutions in India & abroad	NA
Level-1	○ If the College/Institution has done MOUs/Agreement for Collaboration with Partnering Institutions without any ranking positions in NIRF or QS Ranking	○ Ranking positions of Partnering Institutions will be done vis-à-vis NIRF Ranking & QS Ranking Data
Level-2	○ If the College/Institution has done MOUs/Agreement for Collaboration with Partnering Institutions with ranking positions outside the 500 in NIRF or QS Ranking	○ Ranking positions of Partnering Institutions will be done vis-à-vis NIRF Ranking & QS Ranking Data
Level-3	○ If the College/Institution has done MOUs/Agreement for Collaboration with Partnering Institutions with ranking positions under 500 in NIRF or QS Ranking	○ Ranking positions of Partnering Institutions will be done vis-à-vis NIRF Ranking & QS Ranking Data

Parameter-6: Tangible outcomes pertaining to MOUs/Agreement signed for Collaboration/Partnering with Institutions in India & abroad with higher ranking in NIRF/QS Ranking

Operational explanation: - This parameter deals with Collaboration/MOUs executed by Medical College/Institution with partnering Institutions located in India

and abroad. Collaborations with partnering Institutions, may bring about channel of mobility which will equip students & Faculty staff with best practices, approaches and methods of Teaching and Training of students in Medical Education. Collaborations in domain academic and research may offer opportunities to students & Faculty staff for visiting to reputed partnering Institutions in India and abroad based on short-term duration exchange programs for learning academic & research practices, conducting short-duration research projects, expanding research based strategic partnership etc.

Scoring Rubrics for sub-parameters under Parameter-6: -

Sub-Parameter	Performance Level				Supporting Evidences
	Level-0	Level-1	Level-2	Level-3	
6.1- Conducting Workshops or Seminar or Conferences in collaboration with reputed Institution in India (NIRF/QS Ranking)	Conducted zero workshop or seminar or conference	Conducted more than 2 workshop or seminar or conference <i>(partnering Institutions in India having under 500 in NIRF Ranking or under 1000 in QS Ranking)</i>	Conducted more than 2 workshop or seminar or conference <i>(partnering Institutions in India having under 250 in NIRF Ranking or under 500 in QS Ranking)</i>	Conducted more than 2 workshop or seminar or conference <i>(partnering Institutions in India having under 200 in NIRF Ranking or under 500 in QS Ranking)</i>	Evidences of MOU or Agreement for partnership or collaboration with provisions of these activities
6.2- Conducting Workshops or Seminar or Conferences in collaboration with reputed Institution in	Conducted zero workshop or seminar or conference	Conducted more than 2 workshop or seminar or conference <i>(partnering Institutions in abroad having ranking under 1000 in QS Ranking)</i>	Conducted more than 2 workshop or seminar or conference <i>(partnering Institutions in abroad having ranking under 800 in QS Ranking)</i>	Conducted more than 2 workshop or seminar or conference <i>(partnering Institutions in abroad having ranking under 500 in QS Ranking)</i>	Evidences of MOU or Agreement for partnership or collaboration with provisions of these activities

abroad (QS Ranking)					
6.3- Exchange Programs for students & Faculty Staff partnering with reputed Institution in India (NIRF)	Conducted zero Faculty & student exchange programs	Conducted Faculty or student exchange programs for less than 5 days <i>(partnering Institutions in India having under 500 in NIRF Ranking or under 1000 in QS Ranking)</i>	Conducted Faculty or student exchange programs for more than 5 days <i>(partnering Institutions in India having under 250 in NIRF Ranking or under 500 in QS Ranking)</i>	Conducted Faculty or student exchange programs for more than 10 days <i>(partnering Institutions in India having under 200 in NIRF Ranking or under 500 in QS Ranking)</i>	Evidence s of MOU or Agreement for partnership or collaboration with provisions of these activities
6.4- Exchange Programs for students & Faculty Staff partnering with reputed Institution in abroad (QS Ranking)	Conducted zero Faculty & student exchange programs	Conducted Faculty or student exchange programs for less than 5 days <i>(partnering Institutions in abroad having ranking under 1000 in QS Ranking)</i>	Conducted Faculty or student exchange programs for more than 5 days <i>(partnering Institutions in abroad having ranking under 800 in QS Ranking)</i>	Conducted Faculty or student exchange programs for more than 10 days <i>(partnering Institutions in abroad having ranking under 500 in QS Ranking)</i>	Evidence s of MOU or Agreement for partnership or collaboration with provisions of these activities
6.5- Strategic Partnership for research projects with reputed Institution in	Initiated/completed zero strategic partnership projects	Initiated/completed minimum 1 strategic partnership projects <i>(partnering Institutions in India having under 500 in</i>	Initiated/completed more than 1 strategic partnership projects <i>(partnering Institutions in</i>	Initiated/completed more than 5 strategic partnership projects <i>(partnering Institutions in</i>	Evidence s of MOU or Agreement for partnership or collaboration with provision

India (QS Ranking)		<i>NIRF Ranking or under 1000 in QS Ranking)</i>	<i>India having under 250 in NIRF Ranking or under 500 in QS Ranking)</i>	<i>India having under 200 in NIRF Ranking or under 500 in QS Ranking)</i>	s of these activities
6.6- Statrate gic Partners hip for research projects with reputed Institutio n in abroad (NIRF)	Initiated/com pleted zero strategic partnership projects	Initiated/com pleted minimum 1 strategic partnership projects <i>(partnering Institutions in abroad having ranking under 1000 in QS Ranking)</i>	Initiated/com pleted more than 1 strategic partnership projects <i>(partnering Institutions in abroad having ranking under 800 in QS Ranking)</i>	Initiated/com pleted more than 5 strategic partnership projects <i>(partnering Institutions in abroad having ranking under 500 in QS Ranking)</i>	Evidence s of MOU or Agree ment for partners hip or collabor ation with provision s of these activities

4.2. Criterion-2: Practical/Hand on/Clinical Experiences

Parameter-1: Provision of Clinical Exposure/posting to students vis-à-vis type of Clinical Site/Setting

Operational explanation: Based on curriculum prescribed by NMC, students will be mandatorily provided clinical experiences in diverse clinical settings like Primary Health Centres (Rural & Urban), Community Health Centres and Hospital (Secondary & tertiary level health care services). MSR laid down by NMC, has specific number of beds required for Programs in Medical as per sanctioned intakes. Further MSR has laid down type of Health Centres under community medicine where students will be provided exposure to primary health care based and community-oriented health care experiences. Further as per laid down regulations of PG programs in Medical Education, residents will be provided mandatory clinical experiences in diverse setting like peripheral posting in different departments/hospitals (for not more than 4 months) and 3 months of DRP (District Residency Programme)

Scoring Rubrics for this parameter: - (For UG Program)

Level	Required conditions	Supporting documents
Level-0	If the College has not required provisions for ensuring clinical postings of	NA

	students in diverse health care setting like Primary Health Care setting/Peripheral Health Care setting for students as per prescribed Curriculum for programs	
Level-1	○ If the College has required provisions for ensuring clinical postings of students in Primary level Health Training Centres in urban location only	○ Proof of setting up Urban Health Training Centres under its administrative control OR ○ Permission letter for using Health Training Centres attached with govt. owned Health Centres
Level-2	○ If the College has required provisions for ensuring clinical postings of students in Primary level Health Training Centres in rural and urban locations both	○ Proof of setting up Rural Health Training Centres under its administrative control OR ○ Permission letter for using Health Training Centres attached with govt. owned Health Centres
Level-3	○ If the College has created on its own facilities of primary level Health Training Centres in Urban and Rural both under its ownership/administrative control	○ Proof of setting up Rural & urban Health Training Centres under its administrative control

Scoring Rubrics for this parameter: - (For PG Program)

Level	Required conditions	Supporting documents
Level-0	○ If the College has not required provisions of Primary/Peripheral level Health Training Centres for PG Students	NA
Level-1	○ If the College has required provision of Primary level Health Training Centres in urban location for peripheral posting of PG Students	○ Proof of setting up Urban Health Training Centres under its administrative control OR

		○ Permission letter for using Health Training Centres attached with govt. owned Health Centres
Level-2	○ If the College has required provision of Primary level Health Training Centres in rural location for peripheral posting of PG Students	○ Proof of setting up Rural Health Training Centres under its administrative control OR ○ Permission letter for using Health Training Centres attached with govt. owned Health Centres
Level-3	○ If the Students have been provided opportunity with Clinical Posting/Training at District Hospital under DRP	○ Proof of provisions for Training/Clinical Postings under DRP

Parameter-2: Provision of Clinical Experiences/Posting to students vis-à-vis Clinical site/setting with varied Specialties/Departments

Operational explanation: With reference to Curriculum prescribed and regulations laid down by Medical Regulator UG Program in Medical Education, specifications of clinical posting hours starting from second professional onwards have been categorically laid down. In addition to mandatory provisions of clinical postings, internship for 1 year has been also set forth in regulations for UG Program. Clinical postings have been provisioned for keeping in mind nature of subjects like para-clinical and clinical subjects. For the PG Programs, all the candidates joining the PG training programmes shall work as Full Time Residents during the period of the time. Predominantly training of PG students will take place in actual clinical setting. Clinical exposure to learners in UG Program will be in the form of learner-doctor method of clinical training (Clerkship based Clinical Experiences) in all phases. Whereas in PG Programs, clinical training of the students shall include graded responsibility in the management and treatment of patients entrusted to their care. Depending on local institutional policy and the subject specialty needs, postgraduate trainees may be posted in relevant departments/ units/ institutions. At PG level, a major portion of posting should be in concerned specialty and related sub-specialties.

Scoring Rubrics for this parameter: - (For UG Program)

Level	Required conditions	Supporting documents
Level-0	If students are not exposed for all the specialties/subjects during clinical posting and	NA

	internship as per prescribed minimum norms	
Level-1	If students are exposed to minimum 70% prescribed hours of Clinical Posting/rotations in concerned specialties/subjects and rotation based internship	○ Time Table & Master Teaching Schedule & Clinical Rotation Plan
Level-2	If students are exposed to prescribed hours of clinical postings/rotations in concerned specialties/subjects & rotation based Internship	○ Time Table & Master Teaching Schedule & Clinical Rotation Plan
Level-3	If students are exposed to Clinical rotations/postings in concerned specialties/subjects 5% more than of prescribed hours by Medical Regulator	○ Time Table & Master Teaching Schedule & Clinical Rotation Plan

Scoring Rubrics for this parameter: - (For PG Program)

Level	Required conditions	Supporting documents
Level-0	If students are not exposed to Clinical postings/rotations in concerned speciality/units and allied sub-specialties	NA
Level-1	If students are exposed to 100% Clinical postings/rotation hours in concerned major speciality only and exposed to negligible duration of clinical postings/rotations in allied sub-specialties/Units/Departments	○ Time Table & Master Teaching Schedule & Clinical Rotation Plan
Level-2	If students are exposed to 90% of total clinical postings/rotation hours in concerned major speciality only and exposed to minimum 10% of total clinical postings/rotations hours in allied sub-specialties/Units/Departments	○ Time Table & Master Teaching Schedule & Clinical Rotation Plan
Level-3	If students are exposed to 80% of total clinical postings/rotation hours in concerned major speciality only and exposed to minimum	○ Time Table & Master Teaching Schedule & Clinical Rotation Plan

	20% of total clinical postings/rotations hours in allied sub-specialties/Units/Departments	
--	--	--

Note: Based on Pilot Testing of Rating Frameworks, this scoring rubrics may be modified.

Parameter-3: Specialty/Clinical Department wise Average per month Patient Attendance/admission for treatment in OPD & IPD in last 1 year

Operational explanation: With reference to regulations and curriculum laid down by Medical Regulator, the quality of entire training and clinical postings are entirely dependent on Patient loads in departments/specialties of concerned Teaching Hospital and other Health Care systems. Quality of students in UG and PG programs will be determined how rigorously they are provided training in actual clinical setting with good number of patient loads. Further regulations laid down by the Medical Regulator has insisted on adequate number of Patient loads in OPD and IPD areas of concerned departments.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If the out-patient load data is less than MSR laid down by Medical Regulator for specified sanctioned intake in the Program	NA
Level-1	If the out-patient load data is 10% higher than MSR laid down by Medical Regulator for specified sanctioned intake in the Program	Old & new Out-patient load data department/specialty clinics wise
Level-2	If the out-patient load data is 20 % higher than MSR laid down by Medical Regulator for specified sanctioned intake in the Program	Old & new Out-patient load data department/specialty clinics wise
Level-3	If the out-patient load data is 25 % higher than MSR laid down by Medical Regulator for specified sanctioned intake in the Program	Old & new Out-patient load data department/specialty clinics wise

Parameter-4: Specialty wise Average % of Bed Occupancy in Hospital in last 1 year

Operational explanation: With reference to regulations and curriculum laid down by Medical Regulator, the quality of entire training and clinical postings are entirely dependent on patient loads in departments/specialties of concerned Teaching Hospital

and other Health Care systems. Quality of students in UG and PG programs will be determined how rigorously they are provided training in actual clinical setting with good number of patient loads. Further regulations laid down by the Medical Regulator has insisted on adequate number of Patient loads in OPD and IPD areas of concerned departments.

Scoring Rubrics for this parameter: - (based on DCF for Parameter 3)

Level	Required conditions	Supporting documents
Level-0	If the department/specialty wise % of Bed occupancy is less than MSR laid down by Medical Regulator	NA
Level-1	If the department/specialty wise % of Bed occupancy is 5 % higher than MSR laid down by Medical Regulator	Old & new In-patient load data department/specialty clinics wise
Level-2	If the department/specialty wise % of Bed occupancy is 10% higher than MSR laid down by Medical Regulator	Old & new In-patient load data department/specialty clinics wise
Level-3	If the department/specialty wise % of Bed occupancy is 15 % higher than MSR laid down by Medical Regulator	Old & new In-patient load data department/specialty clinics wise

Note- the DCF of this parameter is same as of parameter 5.

Parameter-5: Specialty wise Number of Minor operative works performed in OT in past 1 Year

Operational explanation: With reference to regulations and curriculum laid down by Medical Regulator, as per requirements of concerned subject/specialty students will be provided with mandatory clinical training either under clinical clerkship approach or resident based approach. There is one major clinical specialty/department of Surgery, in which UG level students & PG level students will be mandatorily provided with clinical exposures within provisions of Curriculum prescribed by concerned Boards of NMC. Hence this parameter has been devised with intents of capturing data pertaining to major & minor operative works in concerned Operation Theatres (OTs) of the teaching hospital.

Scoring Rubrics for this parameter (5 & 6): - (based on above mentioned DCF)

Since number of major operative works to be performed in Clinical Departments have been not laid down in regulation. As such obtained values on this parameter College will be subjected to normalization based on following formula: -

$$\frac{\text{On average per intake performed operative works (x')} - \text{Minimum value obtained (x)}}{\text{Maximum Value obtained (y)} - \text{Minimum value obtained (x)}} \times 100$$

Where x' = for concerned college, on average per intake performed operative works

y = Maximum Value for "On average per intake performed operative works" in all colleges

x' = Minimum value for "On average per intake performed operative works" in all colleges

Note: Based on above mentioned formula, value on this parameter may range between 0 to 1

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	NA
Level-1	If obtained value is ranging between "0.10" and "0.30"	Data of Patient loads in OT for minor & major operatives works separately vis-à-vis Department/specialty/sub-specialty wise
Level-2	If obtained value is ranging between "0.30" and "0.50"	Data of Patient loads in OT for minor & major operatives works separately vis-à-vis Department/specialty/sub-specialty wise
Level-3	If obtained value is greater than "0.50"	Data of Patient loads in OT for minor & major operatives works separately vis-à-vis Department/specialty/sub-specialty wise

Note: above criteria mentioned under each Performance level may change based on Pilot Testing of Framework.

Parameter-6: Specialty wise Number of Major operative works performed in OT in past 1 Year

Operational explanation: With reference to regulations and curriculum laid down by Medical Regulator, as per requirements of concerned subject/specialty students will be provided with mandatory clinical training either under clinical clerkship approach or resident based approach. There is one major clinical specialty/department of Surgery, in which UG level students & PG level students will be mandatorily provided with clinical exposures within provisions of Curriculum prescribed by concerned Boards of NMC. Hence this parameter has been devised with intents of capturing data pertaining to major & minor operative works in concerned Operation Theatres (OTs) of the teaching hospital.

Note: For scoring rubrics for this parameter, please refer DCF and rubrics given for Parameter-5.

Parameter-7: Number of Clinical Exposure to students in actual setting in Inter-Professional Education (IPE) set-up

Operational explanation: With reference to Curriculum prescribed for programs in Medical Education, this is quite evident that students in UG and PG programs should be provided with opportunities for working in the Health Care Team. 'Working together for patients' is a core of Medical Education. As the public expects to receive high quality care from a well-trained, cohesive workforce. 'Inter-professional Education (IPE) enables two or more professions to learn with, from and about each other to improve collaborative practice and quality of care'. It is expected that all health care professionals will work in collaborative approach wherever possible for effectiveness of medical treatment and intervention for desired clinical outcomes.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	○ If there is negligible lab based and radiological investigations like less than 100 lab based and 100 radiological investigations in past 1 year ○ Negligible investigations will not facilitates students to adequately interact with Faculty of para-clinical departments	NA
Level-1	○ If there is more than 100 lab based and 100 radiological investigations in past 1 year	○ Evidences of Lab based & Radiological Investigations
Level-2	○ If there is more than 200 lab based and 200 radiological investigations in past 1 year	○ Evidences of Lab based & Radiological Investigations
Level-3	○ If there is more than 300 lab based and 300 radiological investigations in past 1 year	○ Evidences of Lab based & Radiological Investigations

Note: above criteria mentioned under each Performance level may change based on Pilot Testing of Framework.

Parameter-8: Number of Total Enrolled students deputed for District Residency Programme (DRP) in PG Programs (Batch wise Data in last 3 Years)

Operational explanation: Based on curriculum prescribed by NMC all postgraduate students pursuing MD/MS in broad specialties in all Medical Colleges/Institutions shall undergo a compulsory residential rotation of three months in District Hospitals/ District Health System as a part of the course curriculum. Further, it has been mentioned by NMC that rotation shall take place in the 3rd or 4th or 5th semester of the Postgraduate programme.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If no student has been deputed for DRP	NA
Level-1	If Minimum 50% of the total students have been deputed for DRP	○ Evidences of DRP for students based on deputation records provided by District Residency Programme Coordinator (DRPC)
Level-2	If more than 50% and less than 100% of the total students have been deputed for DRP	○ Evidences of DRP for students based on deputation records provided by District Residency Programme Coordinator (DRPC)
Level-3	If all the students have been deputed for DRP	○ Evidences of DRP for students based on deputation records provided by District Residency Programme Coordinator (DRPC)

Parameter-9: On Average Radiological Investigations performed in OPD & IPD together in last 1 Year

Operational explanation: Based on curriculum prescribed by Medical Regulator/NMC, there shall be a well-equipped department of radio diagnosis. It is evident that quality of clinical training is dependent on skills acquired during investigation performed in department.

Scoring Rubrics for this parameter (9 & 10): -

Since number of investigations to be performed in Clinical Departments have been not laid down in regulation. As such obtained values on this parameter College will be subjected to normalization based on following formula: -

$$\frac{\text{On average per intake performed investigations (x')} - \text{Minimum value obtained (x)}}{\text{Maximum Value obtained (y)} - \text{Minimum value obtained (x)}} \times 100$$

Where x'= for concerned college, on average per intake performed investigations

y= Maximum Value for "On average per intake performed investigations" in all colleges

x'= Minimum value for "On average per intake performed investigations" in all colleges

Note: Based on above mentioned formula, value on this parameter may range between 0 to 1

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	NA
Level-1	If obtained value is ranging between "0.10" and "0.30"	Data of Patient loads and radiological investigations performed separately vis-à-vis Department/specialty/sub-specialty wise
Level-2	If obtained value is ranging between "0.30" and "0.50"	Data of Patient loads and radiological investigations performed separately vis-à-vis Department/specialty/sub-specialty wise
Level-3	If obtained value is greater than "0.50"	Data of Patient loads and radiological investigations performed separately vis-à-vis Department/specialty/sub-specialty wise

Note: above criteria mentioned under each Performance level may change based on Pilot Testing of Framework.

Parameter-10: On Average Laboratory Investigations performed in OPD & IPD together in last 1 Year

Operational explanation: Based on the curriculum prescribed by the Medical Regulator/NMC, a well-equipped and up-to-date central laboratory, preferably with a common collection area, shall be provided for all investigations in histopathology, cytopathology, haematology, immune pathology, microbiology, biochemistry, and other specialised work, if any. One of the medical college's associated teaching departments should be in charge of the central laboratory. It is apparent that the quality of clinical training is based on skills acquired through departmental investigations.

Scoring rubrics for this Parameter (Please refer scoring process mentioned under Parameter 9)

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	NA
Level-1	If obtained value is ranging between "0.10" and "0.30"	Data of Patient loads and Laboratory based investigations performed separately vis-à-vis

		Department/specialty/sub-specialty wise
Level-2	If obtained value is ranging between "0.30" and "0.50"	Data of Patient loads and Laboratory based investigations performed separately vis-à-vis Department/specialty/sub-specialty wise
Level-3	If obtained value is greater than "0.50"	Data of Patient loads and Laboratory based investigations performed separately vis-à-vis Department/specialty/sub-specialty wise

Note: *above criteria mentioned under each Performance level may change based on Pilot Testing of Framework.*

Parameter-11: On Average Daily Patient Attendance in Casualty Department/ Emergency in past 1 year

Operational explanation: The Medical Regulator has laid through concerned regulations for UG and PG programs that students will be exposed to clinical training in Casualty/Emergency Departments also. With reference to MSR laid down for programs, it is clear that for developing required clinical competences in students pertaining to patient handling, triaging, and stabilisation in emergency rooms, it is essential that students must be exposed to clinical material in Emergency Department.

Scoring Rubrics for this parameter: -

With reference to regulations laid down by Medical Regulator, regulatory requirements of clinical material like what should be patient load (attendance/admission) in Casualty Department have not been specified. In absence of reference points for drawing meaningful inferences on this parameters, college wise obtained values will be subjected to normalization based on following formula: -

$$\frac{\text{On average per intake clinical materail } (x') - \text{Minimum value obtained } (x)}{\text{Maximum Value obtained } (y) - \text{Minimum value obtained } (x)} \times 100$$

Where x' = for concerned college, on average per intake Clinical Material-attendance/admission in Casualty Department

y = Maximum Value for "On average per intake clinical material" in all colleges

x' = Minimum value for "On average per intake clinical material" in all colleges

Note: Based on above mentioned formula, value on this parameter may range between 0 to 1

Scoring rubrics for this Parameter

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	NA
Level-1	If obtained value is ranging between "0.10" and "0.30"	Attendance and admission records in Casualty department
Level-2	If obtained value is ranging between "0.30" and "0.50"	Attendance and admission records in Casualty Department
Level-3	If obtained value is greater than "0.50"	Attendance and admission in Casualty Department

Note: above criteria mentioned under each Performance level may change based on Pilot Testing of Framework.

Parameter-12: On Average per month Patient Attendance in Community Health Care Centers (Rural/Urban) for Community Field based Health Care Experiences

Operational explanation: With reference to regulations and prescribed Curriculums for UG and PG programs, clinical posting of students in diverse health care setting including Primary Level Health Care Centres like PHC (Rural/Urban) and Community Health Centres (CHC) will be organized. Quality of clinical training in Primary level of Health Care Centres under Community Medicine is highly dependent on Patient loads in these type of centres.

Scoring Rubrics for this parameter: -

With reference to regulations laid down by Medical Regulator, regulatory requirements of clinical material like what should be patient load (attendance/admission) in Rural and Urban Health Training Centres have not been specified. In absence of reference points for drawing meaningful inferences on this parameters, college wise obtained values will be subjected to normalization based on following formula: -

$$\frac{\text{On average per intake clinical materail } (x') - \text{Minimum value obtained } (x)}{\text{Maximum Value obtained } (y) - \text{Minimum value obtained } (x)} \times 100$$

Where x' = for concerned college, on average per intake Clinical Material-attendance in Urban/Rural Health Training Centres

y = Maximum Value for "On average per intake clinical material" in all colleges

x' = Minimum value for "On average per intake clinical material" in all colleges

Note: Based on above mentioned formula, value on this parameter may range between 0 to 1

Scoring rubrics for this Parameter

Level	Required conditions	Supporting documents
-------	---------------------	----------------------

Level-0	If obtained value is less than "0.10"	NA
Level-1	If obtained value is ranging between "0.10" and "0.30"	Attendance and admission records in PHC/CHC
Level-2	If obtained value is ranging between "0.30" and "0.50"	Attendance and admission records in PHC/CHC
Level-3	If obtained value is greater than "0.50"	Attendance and admission in PHC/CHC

Note: above criteria mentioned under each Performance level may change based on Pilot Testing of Framework.

Parameter-13: No. of patients treated in Critical care/ HDU/NICU

Operational explanation: Students will be required to complete clinical experiences in a hospital (teaching/parent) that is well equipped and updated with an intensive care unit (ICU), an intensive coronary care unit (ICCU), an intensive respiratory care unit, a paediatric intensive care unit (PICU), a neonatal intensive care unit (NICU), a critical care burns unit, a post-op surgical critical care unit, and an obstetric HDU/ICU. Furthermore, the MSR established by NMC specifies the number of beds/units required for Programmes in Medical as per sanctioned intakes.

Scoring Rubrics for this parameter: -

With reference to regulations laid down by Medical Regulator, regulatory requirements of clinical material like what should be patient load (attendance/admission) in Critical Care Units have not been specified. In absence of reference points for drawing meaningful inferences on this parameters, college wise obtained values will be subjected to normalization based on following formula: -

$$\frac{\text{On average per intake clinical material } (x') - \text{Minimum value obtained } (x)}{\text{Maximum Value obtained } (y) - \text{Minimum value obtained } (x)} \times 100$$

Where x' = for concerned college, on average per intake Clinical Material-attendance/admission in Critical Care Units

y = Maximum Value for "On average per intake clinical material" in all colleges

x = Minimum value for "On average per intake clinical material" in all colleges

Note: Based on above mentioned formula, value on this parameter may range between 0 to 1

Scoring rubrics for this Parameter

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	NA
Level-1	If obtained value is ranging between "0.10" and "0.30"	Attendance and admission records in Critical Care Units

Level-2	If obtained value is ranging between "0.30" and "0.50"	Attendance and admission records in Critical Care Units
Level-3	If obtained value is greater than "0.50"	Attendance and admission in Critical Care Units

Note: above criteria mentioned under each Performance level may change based on Pilot Testing of Framework.

Parameter-14: No. of deliveries (both normal & C-Section) in past 1 year

Operational explanation: Based on curriculum prescribed by NMC, students will be mandatorily provided clinical experiences in Hospital (Teaching/parent) in Obstetrics & Gynaecology department. Furthermore, the MSR established by NMC specifies the number of beds/units in the clinical department required for Programmes in Medical as per sanctioned intakes.

Scoring Rubrics for this parameter: -

With reference to regulations laid down by Medical Regulator, regulatory requirements of clinical material like what should be patient load (attendance/admission) in the department of Obstetrics and Gynaecology have not been specified. In absence of reference points for drawing meaningful inferences on this parameters, college wise obtained values will be subjected to normalization based on following formula: -

$$\frac{\text{On average per intake clinical materail } (x') - \text{Minimum value obtained } (x)}{\text{Maximum Value obtained } (y) - \text{Minimum value obtained } (x)} \times 100$$

Where x' = for concerned college, on average per intake Clinical Material-attendance/admission in department of Obstetrics and Gynaecology

y = Maximum Value for "On average per intake clinical material" in all colleges

x' = Minimum value for "On average per intake clinical material" in all colleges

Note: Based on above mentioned formula, value on this parameter may range between 0 to 1

Scoring rubrics for this Parameter

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	NA
Level-1	If obtained value is ranging between "0.10" and "0.30"	Attendance and admission records in Critical Care Units
Level-2	If obtained value is ranging between "0.30" and "0.50"	Attendance and admission records in Critical Care Units
Level-3	If obtained value is greater than "0.50"	Attendance and admission in Critical Care Units

Note: above criteria mentioned under each Performance level may change based on Pilot Testing of Framework.

4.3. Criterion-3: Teaching –Learning Environment: - Physical, Psychological & Occupational

Parameter-1: Adequacy, Functionality & Optimum Utilization of Physical/Digital Library based resources

Operational explanation: With reference to Minimum Requirements for Annual Admission Regulations, 2020 and Postgraduate Medical Education Regulations laid down by Medical Regulator, it has been specified that there will be Library in the Medical College/Institution. Further number of Titles, Books & journals are prescribed by linking to sanctioned intake in the concerned program. This parameter is primarily dealing with how available Library based facilities are being utilized.

Scoring rubrics for this Parameter- (Central Library)

Level	Required conditions	Supporting documents
Level-0	If the number of Books & Journals are not as prescribed by NMC per intake of students	NA
Level-1	If the number of Books & Journals are as prescribed by NMC per vis-à-vis intake of students and specialty wise subscribed Journals	Accession Records (Electronic/Hard Copy)
Level-2	If more than 25% Students and Faculty have been issued Books & Journals in past 1 year	Electronic data base of Books & Journals Issue Records
Level-3	If more than 50 % Students and Faculty have been issued Books & Journals in past 1 year	Electronic data base of Books & Journals Issue Records

Note: above criteria mentioned under each Performance level may change based on Pilot Testing of Framework.

Parameter-2: Provisions of Biomedical Waste Management in Medical College

Operational explanation: This parameter deals with the Biomedical Waste Management. The Medical Institution must ensure compliance with the Bio-medical Waste (Management & Handling) Rules, 2019 and as notified from time to time. They shall have a robust institutional policy on biomedical waste management of human origin, with a well-defined arrangement for segregation and discarding of biomedical waste.

Scoring rubrics for this Parameter-

Level	Required conditions	Supporting documents/evidences
Level-0	If the College has no measures for Biomedical Waste	NA
Level-1	If the Medical College has established physical facilities for BMW like segregation, transportation & disposal	Physical Facilities like different colored containers, vehicles for transportation, Incinerator & ETP etc.
Level-2	○ If the Biomedical Waste Management Committee has been constituted ○ If the College maintaining annual reports for generation of biomedical waste ○ If the College is maintaining annual Details of Incineration Ash & ETP (Effluent Treatment Plant) sludge generated & disposed during treatment of biomedical waste	○ Evidences & MOMs of functioning BMW Management Committee ○ Annual Data and reports for generation of BMW under different category ○ Annual data and reports Incineration Ash and ETP sludge and their disposal etc.
Level-3	○ If more than 80% health care workers involved in BMW management have been trained ○ If 100% health care workers engaged in BMW management have immunised against Hepatitis B and Tetanus	○ Evidences of training of healthcare workers & their vaccination for immunization against Hepatitis B and Tetanus

Note: above criteria mentioned under each Performance level may change based on Pilot Testing of Framework.

Parameter-3: Provisions of Hospital Infection Control Measures for HCAI (Health Care Associated Infection)

Operational explanation: -NMC through dated 18th October, 2021 had advised all Medical Colleges to constitute HICT (Health Infection Control Committee). NCDC-MoHFW has notified guidelines for Hospital Infection Prevention & Control, adhering to this guidelines, Medical Colleges are required to align their safety measures for prevention and control of HCAI (Health Care Associated Infection).

Scoring rubrics for this Parameter- (based on DCF mentioned under Parameter-2)

Level	Required conditions	Supporting documents/evidences
Level-0	If the Medical College has not established measures for Health Care	

	Associated Infection Prevention & Control	
Level-1	○ If the College has constituted HICC (Health Infection Control Committee) involving senior microbiologist and medical faculties etc. ○ If the College has constituted HICT (Health Infection Control Team) involving Infection Control Officer, Infection Control Nurse and microbiologist etc.	○ Evidences of Constitution of HICC & HICT
Level-2	○ If HICC meets regularly/monthly for tacking stock implementation of all policies related to Hospital Infection Prevention and Control ○ If HICT meets daily and ensure implementation of measures for Hospital Infection and Control in all clinical departments	○ MOMs of the meeting of HICC regarding implementation of all Policies related to Hospital Infection & Control ○ Daily audit records of HICT regarding implementation of measures for Hospital Infection & Control
Level-3	○ All 100% staff (doctors, residents, nursing & housekeeping departments etc.) are trained on SOPs developed for implementation of policies for prevention & control of infections in all Clinical Departments & Critical Care Units, ICU/HDU etc., Antimicrobial policy, Surveillance policy, Disinfection policy, Isolation policy, Policy for investigation of an outbreak of infection ○ If all policies based SOPs are being implemented in all clinical departments and critical care units	○ Training of all staff on SOPs and policies related to Hospital Infection & Control

Note: above criteria mentioned under each Performance level may change based on Pilot Testing of Framework.

Parameter-4: Provisions for Prevention of Ragging & Gender Harassment in Medical College

Operational explanation: - With reference to Ragging Prohibition Regulations laid down by Medical Regulator, this parameter is predominantly dealing with Anti-ragging measures placed in Medical Colleges in compliance with above mentioned regulations. Further this parameter is intended to capture information pertaining to gender harassment prevention measures adhering to order of Hon'ble Supreme Court.

Scoring rubrics for this Parameter- *(based on common DCF mentioned under Parameter-2)*

Level	Required conditions	Supporting documents/evidences
Level-0	If the College has not placed any measures for prevention of ragging in the campus & hostel etc. and Gender Harassment Prevention Committee is not constituted	NA
Level-1	○ If the College has constituted Ant-Ragging Committee for supervising regularly the implementation of anti-ragging measures ○ If the College has constituted Ant-ragging squad for enforcing anti-ragging measures and being vigilant 24x7 ○ If the College has constituted Gender Harassment Prevention Committee ○ If the contact numbers of officers/Faculties & staff accountable for anti-ragging measures and prevention of gender harassment have been shared and displayed in campus in predominant places	○ Evidences of constitution of Committees (Anti-Ragging & Prevention of Gender Harassment) and Anti-ragging squad etc. ○ MOMs of regular meeting of Anti-Ragging Committee and Gender Harassment Prevention Committee ○ Display/sharing key person/officers accountable for anti-ragging measures and prevention of gender harassment
Level-2	○ If the College is providing counselling services to Fresher students and others by arranging professional counsellors for addressing personal, emotional and adjustment issues ○ If College is taking proactive measures for facilitating interaction among freshers and seniors through organization of sports and extra-curricular activities, establishing Mentoring	○ Evidences for organizations of counselling session for students for addressing adjustment issues ○ Evidences for organization of sports and extra-curricular activities among freshers and senior students

	cells (senior becoming mentors of freshers & junior students etc.	
Level-3	○ If no instances of Anti-ragging and gender harassment had happened in past 1 year	○ Evidences no anti-ragging and gender harassment instances

Note: above criteria mentioned under each Performance level may change based on Pilot Testing of Framework.

Parameter-5: Provisions for Safety Measures for Diagnostic Radiology/Radiotherapy vis-à-vis AERB (Atomic Energy Regulation Board)

Operational Definition: - With reference to regulations laid down for UG and PG Programs by Medical Regulator pertaining to housing and operations of medical radiation/imaging facilities in hospital, the parameter is predominantly dealing with available facilities and compliance of medical institution with regulations laid down by AERB (Atomic Energy Regulatory Body).

Scoring rubrics for this Parameter- (based on common DCF mentioned under Parameter-2)

Level	Required conditions	Supporting documents/evidences
Level-0	If the College is not adhering to AERB (Atomic Energy Regulatory Board) regulations pertaining to housing of medical radiation/imaging facilities in hospital.	NA
Level-1	○ If the Medical College is adhering to AERB regulations for housing of medical radiation/imaging facilities & and its operations in Hospital	○ Evidences for compliance with AERB regulations
Level-2	○ If the Medical College has applied e-LORA (E-Licensing of Radiation Applications) online platform of AERB for licensing of operations of diagnostic radiology/radiotherapy facilities in the hospital	○ Evidences for applying on e-LORA Online Platform of AERB for licensing
Level-3	○ If the Medical College has been granted license based on e-LORA (E-Licensing of Radiation Applications) online platform of AERB for operations of diagnostic radiology/radiotherapy facilities in the hospital	○ Evidence for granting of License by AERB for housing and operations of medical radiation/imaging facilities in hospital

Note: above criteria mentioned under each Performance level may change based on Pilot Testing of Framework.

Parameter-6: Provisions for Fire Safety in Campus (Teaching Block, Hospital Block & Hostel Block)

Operational Definition: With reference to regulations laid down for UG and PG Programs by Medical Regulator pertaining to Fire Safety Measures in the campus.

Scoring rubrics for this Parameter- (based on common DCF mentioned under Parameter-2)

Level	Required conditions	Supporting documents/evidences
Level-0	If the College is not possessing Fire NOC issued from competent authority in concerned State/UTs	NA
Level-1	○ If the College is possessing Fire NOC for Teaching Block, Hospital Block and Hostel Block categorically mentioned in issued Fire NOC for appropriate authority in concerned States/UTs	○ Valid Fire NOC documents issued from appropriate authority
Level-2	○ If the Medical College has ensured fire exit plan, fire exit signage on each floor in (Teaching, Hospital & Hostel Block) ○ If Fire Alarm system is functional in each block ○ If Mock drills are conducted regularly	○ Physical observation and confirmation required
Level-3	○ If the functional of Fire Extinguishers of all types are installed/placed at prominent places/wherever required in Hospital Block ○ If auto sprinkler is installed in Hospital ○ If Wet raiser installed (if applicable) in the hospital ○ If in teaching & hostel blocks there are adequate number of fire extinguishers ○ Water sprinklers in Hostel if requires	○ Physical observation and confirmation required

Note: above criteria mentioned under each Performance level may change based on Pilot Testing of Framework.

Parameter-7: Provision and utilization of students' amenities (Indoor & outdoor sport facilities, extra-curricular activities etc.)

Operational explanation: With reference to regulations laid down for programs in Medical Education by Medical Regulator, it has been emphasized that adequate student amenities shall be provided. These shall include facilities for common rooms for boys and girls (separate), cafeteria, cultural activities, indoor games and student counselling services. There shall be gymnasium, and playground for outdoor games and track events in the college.

Scoring rubrics for this Parameter- *(based on DCF for this parameter)*

Level	Required conditions	Supporting documents/evidences
Level-0	If the College is not having students amenities as mentioned in DCF for this parameter	
Level-1	○ If the College is having Playground with athletic track ○ If the College has set up functional Cafeteria for the students	○ Physical verification & confirmation
Level-2	○ If the College is having well-maintained/functional Playground with athletic track & with sports facilities for Badminton/Tennis, Volleyball, Basket Ball, Football/Cricket ○ If the College is having well-maintained/functional gymnasium with physical exercise/work out facilities	○ Physical verification & confirmation
Level-3	○ If the available facilities are adequate used by male and female students ○ If College is organizing annual sports activities	○ Physical verification & confirmation ○ Batch wise Time Table for sports ○ Annual Calendar for sports activities

Note: *above criteria mentioned under each Performance level may change based on Pilot Testing of Framework.*

Parameter-8: Adequacy, Functionality & Optimum Utilization of Practical Laboratories

Operational explanation: With reference to regulations laid down by Medical Regulators for UG and PG Programs, Laboratory based experiences in clinical & non-clinical subjects have been emphasized. There shall be 8 student practical laboratories,

one each for Histology, Clinical Physiology, Biochemistry, Histopathology & cytopathology, Clinical pathology & Haematology, Microbiology, Clinical Pharmacology, and Computer Assisted Learning (CAL) in Pharmacology.

Scoring rubrics for this Parameter- *(based on DCF for this parameter)*

Level	Required conditions	Supporting documents/evidences
Level-0	• If Medical College has not required number of Practical Laboratories • If any Practical Laboratory has not required number of working stations and further area of Practical Laboratory is less than prescribed by NMC	
Level-1	○ If Medical College is complying with required number of Practical Laboratories, number of working stations in each Lab and required area ○ If Practical Laboratory is equipped with Audio Visual Aids facilities and digitally connected to other teaching areas (Museum, Teaching Rooms & Theatre Halls etc.)	○ Physical Verification of each Practical Laboratory
Level-2	○ If each Laboratory is maintaining Utilization Register indicating details for each Professional Year program wise like in & out time along with date & day, names of Faculty Staff & Names of students, type of activities covered in Lab	○ Evidences of Utilization records maintained for professional year wise ○ Physical verification of entries in Utilization records
Level-3	○ If each Practical Laboratory is utilized by concerned professional year students at least for prescribed Practical Hours prescribed in Curriculum	○ Evidences of Utilization records maintained for professional year wise ○ Physical verification of entries in Utilization records

Note: *above criteria mentioned under each Performance level may change based on Pilot Testing of Framework.*

Parameter-9: Adequacy, Functionality & Optimum Utilization of Clinical & Procedural Skill Laboratory based Resources

Operational explanation: With reference to regulations laid down by Medical Regulator, every medical institution shall have a Skills Laboratory where students can practice and improve skills pre-specified in the curriculum. The skills laboratory attempts to recreate the clinical environment and tasks which future health care workers have to perform with various levels of complexity and fidelity.

Scoring rubrics for this Parameter- *(based on DCF for this parameter)*

Level	Required conditions	Supporting documents/evidences
Level-0	• If the Medical College is not having Skill Laboratory with required facilities • If the Skill Laboratory has not required no. of rooms for examination of patients or standardized patients, required number of work stations, required number of rooms for demonstrations, required number of hybrid models, trainer simulators, mannequins etc. • Skill Laboratory is equipped with Audio Visual Facilities & e-learning modules	Physical Verification required
Level-1	○ If the Medical College has Skill Laboratory with above mentioned requirements	○
Level-2	○ If Skill Laboratory is maintaining Utilization Register indicating details for each Professional Year program wise like in & out time along with date & day, names of Faculty Staff & Names of students, type of activities covered in Lab	○ Evidences of Utilization records maintained for professional year wise ○ Physical verification of entries in Utilization records
Level-3	○ If Skill Laboratory is utilized by concerned professional year students at least for prescribed Practical Hours prescribed in Curriculum	○ Evidences of Utilization records maintained for professional year wise ○ Physical verification of entries in Utilization records

Note: above criteria mentioned under each Performance level may change based on Pilot Testing of Framework

Parameter-10: Adequacy, Functionality & Optimum Utilization of ICT Facilities/Medical Education Technology (MET) Unit

Operational explanation: With reference to regulations laid down by Medical Regulator, it has emphasized that Audio Visual Aids facilities shall be available in Medical College. AV Aids facilities shall be available in Lecture Theatres, Teaching Rooms, Museums, Practical Laboratories, Skill Laboratory, MEU Department/Unit and Central Library, Practical Laboratory with Computer Assisted Learning (CAL) based modules for Pharmacology etc.

Scoring rubrics for this Parameter- *(based on DCF for this parameter)*

Level	Required conditions	Supporting documents/evidences
Level-0	• If the College has not all Lecture Theatres, Teaching Rooms, Museum & Laboratories (Practical & Skill Laboratory) equipped with Audio-Visual Aids Facilities • If the Central Library is equipped with required number of Computer Systems with internet facilities • Laboratory for Pharmacology is equipped with Computer Assisted Learning (CAL) modules	• Physical Verification required
Level-1	○ If the College has all Lecture Theatres, Teaching Rooms, Museum & Laboratories (Practical & Skill Laboratory) equipped with Audio-Visual Aids Facilities	○ Physical Verification required
Level-2	○ If Computer Room in Central Library is being used by 25% students of each Professional Year monthly ○ If CAL facilities in Department of Pharmacology is being used by students of each Professional year at least as per prescribed hours	○ Professional Year wise data maintained for how many students have accessed Computer System in Central Library for how many hours along with date & day ○ Utilization records for CAL in Laboratory of Pharmacology maintaining

		Professional Year wise data
Level-3	○ If Computer Room in Central Library is being used by 50% students of each Professional Year monthly ○ If CAL facilities in Department of Pharmacology is being used by students of each Professional year more than prescribed hours	○ Professional Year wise data maintained for how many students have accessed Computer System in Central Library for how many hours along with date & day ○ Utilization records for CAL in Laboratory of Pharmacology maintaining Professional Year wise data

Note: above criteria mentioned under each Performance level may change based on Pilot Testing of Framework

Parameter-11: Hostel Accommodation Capacities & Safety Measures

Operational explanation: With reference to regulations laid down by Medical Regulator, The College/Institution shall make provision to provide accommodation for at least 75% of all students enrolled and interns, and all girl students who request for it. Each student shall be provided with independent and separate furniture which shall include chair, table, bed and full size cupboard at the least (provide for at least 9 sq. m. area/student). It is desirable that hostel rooms are either single or double accommodation facilities. Adequate recreational, dining and 24x7 security facilities shall be provided at the hostels.

Scoring rubrics for this Parameter- (based on DCF for this parameter)

Level	Required conditions	Supporting documents/evidences
Level-0	• If the College is not providing accommodation facilities to 75% enrolled students & Interns and Girls as prescribed by NMC	Physical verification required
Level-1	• If the College is not providing accommodation facilities to at least 75% enrolled students & Interns and Girls separately as prescribed by NMC	Physical verification required
Level-2	<i>Separate Hostel facilities for Boys & Girls are equipped with facilities:</i> -	○ Physical verification ○ Records of occupancy & records of students accommodated

	• Provisions of maximum double occupancy rooms with adequate facilities (Table, Chair, Cupboard etc.) • Provisions of 24 hours' water supply & quality drinking water facilities • 24 Hours manned with security guards • Provisions of indoor & outdoor sports facilities • Provisions of Mess Facilities • Adequate washroom & toilets facilities • Computer systems and internet facilities etc.	
Level-3	Separate Hostel facilities for Boys & Girls: - • If College is providing accommodation facilities to 75% boys & interns of each professional year • If College is providing accommodation facilities to 75% girls & interns of each professional year	• Physical verification • Records of occupancy & records of students accommodated

Note: above criteria mentioned under each Performance level may change based on Pilot Testing of Framework

4.4. Criterion-4: Students' Admission, Attainment of Competence & Placement Status

Parameter-1: Demonstration of procedures by Sampled students in Procedure & Clinical Skill Laboratory/Simulated Setting

Operational explanation: - Based on Curriculum prescribed by Medical Regulator, students will be provided with hands on experiences in Clinical & Procedural skill Laboratories/Simulated setting. Hands on experiences in Clinical & procedural Skill Laboratories will facilitate strengthening of mastery over competences & procedures pertaining to clinical subjects. Skill Laboratories based hands on experiences for practising competences/procedures are pre-requisites for learning and demonstration of competences/procedures in actual clinical setting/Health care setting. As students directly cannot be allowed for applying clinical procedures on actual patients in clinical setting, hence within simulated and controlled situations in Skill Laboratory by progressively increasing complexities of given clinical procedural tasks, students are allowed to develop mastery over required competences by operating over SP (Standardized/Simulated Patients).

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	○ If no students are able to demonstrate assigned procedures to them	NA
Level-1	○ If minimum 50% students have performed with 80% correctness	○ Demonstrations by students will be video recorded ○ In-built Procedural checklist in ICT App will be filled by Assessor on the day of physical visit
Level-2	○ If minimum 70% students have performed with 80% correctness	○ Demonstrations by students will be video recorded ○ In-built Procedural checklist in ICT App will be filled by Assessor on the day of physical visit
Level-3	○ If minimum 80% students have performed with 80% correctness	○ Demonstrations by students will be video recorded ○ In-built Procedural checklist in ICT App will be filled by Assessor on the day of physical visit

Parameter-2: Demonstration of Clinical procedures/clinical skills by sampled students at Clinical site (Hospital)

Operational explanation: -Based on curriculum prescribed by NMC, students are required to go for clinical posting and they will be exposed to longitudinal patient care, being part of health care team and hands on care of patients in outpatient and inpatient clinical setting. While clinical posting, students are required to practise and demonstrate acquired competences/procedures under clinical clerkship or independently as per requirements of Curriculum and their professional phases.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	○ If no students are able to demonstrate assigned procedures to them	NA
Level-1	○ If minimum 50% students have performed with 80% correctness	○ Demonstrations by students will be video recorded ○ In-built Procedural checklist in ICT App will be filled by

		Assessor on the day of physical visit in actual clinical setting
Level-2	○ If minimum 70% students have performed with 80% correctness	○ Demonstrations by students will be video recorded ○ In-built Procedural checklist in ICT App will be filled by Assessor on the day of physical visit in actual clinical setting
Level-3	○ If minimum 80% students have performed with 80% correctness	○ Demonstrations by students will be video recorded ○ In-built Procedural checklist in ICT App will be filled by Assessor on the day of physical visit in actual clinical setting

Parameter-3: Number of students/alumni cleared national level conducted NEET Examination for next level of admission in PG & higher course in past 1 year

Operational explanation: NMC has laid down provisions of conducting common exit examination mandatory for UG final year students, this examination will be National Exit Test. Since it may check sometime for initiation of this type national examination, NEET-PG will be considered for taking admission in PG broader specialty courses. Further for taking admission in PG super specialty courses, NEET-SS will be introduced in coming years. As per requirement of this parameter, information like how many students have appeared for NEET-PG and how many students have cleared the NEET-PG data will be captured for past 1 year. This parameter is proxy for quality of teaching learning process in College and this is related to standards of education and academic excellence category of assessment and criteria essential for assessment and rating of Medical Colleges/Institutions.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If less than 10% cleared NEET PG of appeared students (Broad speciality and super speciality)	National test agency data
Level-1	If 10% to 30% cleared NEET PG of appeared students (Broad speciality and super speciality)	National test agency data
Level-2	If 30% to 60% cleared NEET PG of appeared students (Broad speciality and super speciality)	National test agency data
Level-3	If more than 60% cleared NEET PG of appeared students (Broad speciality and super speciality)	National test agency data

Parameter-4: Number of Students/Alumni joined PG & higher courses in India & abroad in past 1 year

Operational explanation: - NMC has laid down provisions of conducting common exit examination mandatory for UG final year students, this examination will be National Exit Test. Since it may check sometime for initiation of this type national examination, NEET-PG will be considered for taking admission in PG broader specialty courses. Further for taking admission in PG super specialty courses, NEET-SS will be introduced in coming years. As per requirement of this parameter, information like how many students have appeared for NEET-PG and how many students have cleared the NEET-PG data will be captured for past 1 year. This parameter is proxy for quality of teaching learning process in college and this is related to standards of education and academic excellence category of assessment and criteria essential for assessment and rating of Medical Colleges/Institutions.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If less than 10% of students who qualified NEET PG has joined the PG course in any institute excluding Government/National importance institutes.	Not Applicable
Level-1	If 10% of students who qualified NEET PG has joined the PG course in any institute excluding Government/National importance institutes.	Details of students & admission letter in concerned Medical institute
Level-2	If 10% of students who qualified NEET PG has joined the PG course in any Government college excluding National importance institutes.	Details of students & admission letter in concerned Medical institute
Level-3	If 10% of students who qualified NEET PG has joined the PG course only in National importance institutes.	Details of students & admission letter in concerned Medical institute

Parameter-5: Performance of Students in Exit/External Examination of Programme Conducted by Affiliating/Examination/Regulatory Body in last 1 year

Operational explanation: - NMC has laid down the in coming years, National Exit Test will be considered yardstick for quality of Indian Medical Graduate. Since this examination will take time for commencement, hence alternatively performance of students in external examination conducted by Affiliating Body will be captured as per requirement of this parameter. External examination data of Affiliating University and Internal examination data will be uploaded by college in given format. Relation between internal examination & external examination data of same set of students will be computed. This parameter will be proxy for attainment of competences & learning outcomes by the students. This parameter is related to academic excellence

& standards of medical education laid down by NMC for assessment and rating of Medical Colleges/Institutions.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If correlation is less than 0.30	○ Internal examination & external examination data
Level-1	If correlation is between 0.30 to 0.50	○ Internal examination & external examination data
Level-2	If correlation is between 0.50 to 0.80	○ Internal examination & external examination data
Level-3	If correlation is greater than 0.80	○ Internal examination & external examination data

Parameter-6: Average NEET Ranks of students qualified for PG & other higher courses in past 1 year

Operational explanation: As per requirement of this parameter, NEET scores of NEET cleared students in past 1 year will be captured as per this parameter. With reference to this parameter, Colleges will be compared based on NEET cleared students' scores in the concerned Colleges. Based on submitted data by College, College wise average score will be computed. This parameter is proxy of quality of teaching learning process in colleges. This parameter is related to minimum standards and academic excellence category of assessment and rating criteria mentioned in regulation laid down for Assessment and Rating of Colleges.

Scoring Rubrics for using separately for the parameter 6, 7 & 8: -

In absence of reference points for drawing meaningful inferences on this parameters, college wise obtained Average scores will be subjected to normalization based on following formula: -

$$\frac{\text{Average score of College on the parameter } (x') - \text{Minimum obtained average score on the parameter } (x)}{\text{Maximum obtained average score on this parameter } (y) - \text{Minimum obtained average score on this parameter } (x)} \times 100$$

Where x' = for concerned college, average score obtained by College on this parameter

y = Maximum Value for "Maximum obtained Average score by any college on this parameter" in all colleges

x = Minimum value for "Minimum obtained Average score by any College on this parameter" in all colleges

Note: Based on above mentioned formula, value on this parameter may range between 0 to 1

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable

Level-1	If obtained value is ranging between "0.10" and "0.30"	○ NTA Data for NEET Exam
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ NTA Data for NEET Exam
Level-3	If obtained value is greater than "0.50"	○ NTA Data for NEET Exam

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter 7: Average NEET Rank/Scores of students taken admission in UG Programme

Operational explanation: As per requirement of this parameter, NEET scores of students who have taken admission in UG program in concerned Colleges will be captured College wise. Based on submitted data by College, College wise average score will be computed. This parameter will work as proxy of reputation of College among the students. This parameter is related to academic excellence category of assessment and rating criteria mentioned in regulation laid down for Assessment and Rating of Colleges.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ NTA Data for NEET Exam
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ NTA Data for NEET Exam
Level-3	If obtained value is greater than "0.50"	○ NTA Data for NEET Exam

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter 8: Average NEET Rank/Scores of students taken admission in PG Programmes (specialties wise)

Operational explanation: As per requirement of this parameter, NEET scores of students who have taken admission in PG program in concerned Colleges will be captured College wise. Based on submitted data by College, College wise average score will be computed. This parameter will work as proxy of reputation of College among the students. This parameter is related to academic excellence category of assessment and rating criteria mentioned in regulation laid down for Assessment and Rating of Colleges.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable

Level-1	If obtained value is ranging between "0.10" and "0.30"	○ NTA Data for NEET Exam
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ NTA Data for NEET Exam
Level-3	If obtained value is greater than "0.50"	○ NTA Data for NEET Exam

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-9: Provisions of Financial entitlements (Remunerated Posts/Stipendiary Positions) created by college

Operational explanation: This parameter is related to provisions of stipend to Interns & Residents in Medical College. NMC has laid down that Interns and Residents will be given stipends. Based on data captured for this parameter, Intern wise & Resident wise for last 6 months, given salary/stipend by College will be captured.

Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If the monthly gross stipend/salary given to Stipend/Resident in College is 50% less than monthly gross stipend/salary being given to same cadre in State government run Medical Colleges	Not Applicable
Level-1	If the monthly gross stipend/salary given to Interns /Resident in College is less than 30% of monthly gross stipend/salary being given to same cadre in State government run Medical Colleges	○ Month wise gross salary/stipend data for last 6 months
Level-2	If the monthly gross stipend/salary given to Interns /Resident in College is less than 20% of monthly gross stipend/salary being given to same cadre in State government run Medical Colleges	○ Month wise gross salary/stipend data for last 6 months
Level-3	If the monthly gross stipend/salary given to Interns /Resident in College is equal to monthly gross stipend/salary being given to same cadre in State government run Medical Colleges	○ Month wise gross salary/stipend data for last 6 months

4.5. Criterion-5: Human Resource & Teaching-Learning Process

Parameter-1: Observation of Teaching cum Training Methods of sampled Faculty Staff in their Theory & Practical Classes

Operational explanation: - This parameter tends to capture information about type of teaching and training methods are being employed by Faculty staff in theory & practical classes. Based on prescribed Competence based Curriculum for UG and PG programs, it has been emphasized in Curriculum that teaching and training methods should facilitate development of mastery over pre-specified program specific Competences. Focus should be more on Small Group Teaching & Learning, Seminars, Symposia, Tutorial, Student Directed Learning, Integrated Learning/teaching, Small Group Discussion, Hands on activities in Practical Laboratories & Skill Laboratory based simulated setting etc. Following number of Faculty staff will be randomly selected for observation of their Theory & Practical Classes: -

<i>Specialty/Department</i>	<i>Number of Faculty staff to be sampled for Theory Class observation</i>	<i>Number of Faculty staff to be sampled for Theory Class observation</i>
Clinical Specialty	2 Faculty staff	2 Faculty staff
Non-Clinical specialty	2 Faculty Staff	2 Faculty Staff

Note: *Theory & practical classes of above mentioned sampled faculty staff will be observed on the day of physical visit to concerned Medical College.*

Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If more than 50% sampled teachers are not using Teaching methods for theory & practical classes as prescribed in Curriculum	Physical Classroom Observation & video recording
Level-1	- If only 1 or 2 sampled Faculty staff have developed their Teaching Plans/Lesson plans on the line of Competence Based Curriculum model developed by NMC - If sampled 1 or 2 faculty staff are able to show based on Teaching Plan/Lesson Plan- which type competence they are going to develop in their theory or practical class, which type objectives are derived from Competences,	- Interaction with sampled faculty staff - Physical classroom observation & video recording - Physical Observation of Practical sessions in Laboratory set-up/Skill Laboratory - Lesson Plans/Teaching Plans

	which type teaching or training methods will be used vis-à-vis knowledge domains (K, S, A/C) and competence levels (K, KH, S, SH & P) in their Theory/Practical Classes	
Level-2	• If sampled 3 or 4 Faculty staff have developed their Teaching Plans/Lesson plans on the line of Competence Based Curriculum model developed by NMC • If sampled 3 or 4 faculty staff are able to show based on Teaching Plan/Lesson Plan- which type competence they are going to develop, which type objectives are derived from Competences, which type teaching or training methods will be used vis-à-vis knowledge domains (K, S, A/C) and competence levels (K, KH, S, SH & P) in their Theory & Practical Classes	○ Interaction with sampled faculty staff ○ Physical classroom observation & video recording ○ Physical Observation of Practical sessions in Laboratory set-up/Skill Laboratory ○ Lesson Plans/Teaching Plans
Level-3	• If all sampled Faculty staff have developed their Teaching Plans/Lesson plans on the line of Competence Based Curriculum model developed by NMC • If all sampled staff faculty staff are able to show based on Teaching Plan/Lesson Plan- which type competence they are going to develop in their theory or practical classes, which type objectives are derived from Competences, which type teaching or training methods will be used vis-à-vis knowledge domains (K, S, A/C) and competence levels (K, KH, S, SH & P) in their Theory & Practical Classes	○ Interaction with sampled faculty staff ○ Physical classroom observation & video recording ○ Physical Observation of Practical sessions in Laboratory set-up/Skill Laboratory ○ Lesson Plans/Teaching Plans

Parameter-2: Observations of Clinical Training Practices of Preceptors/Faculty in Simulated/actual clinical setting

Operational explanation: - This parameter tends to capture information about type of clinical training methods are being employed by Faculty/Preceptors for clinical training of students in actual health care setting and simulated setting as per requirements of concerned Programs in Medical Education. As per prescribed Competence based Curriculum, training methods for developing clinical competences in students should be student-doctor model of clinical training, Skill Laboratory/simulated patient lab based practicing/learning clinical procedures applying on Standardized/Simulated Patients or Computer simulations, Model Simulators, Computer Assisted Learning (CAL) based e-modules for learning clinical competence in Laboratory for Pharmacology, Case based Learning and Role Playing etc. For observation of clinical training methods, 3 faculty staff will be randomly sampled.

Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If sampled faculty staff are not using teaching/training methods for developing competences in simulated or actual clinical setting	○ Interaction with sampled faculty staff ○ Physical observation of Clinical Training Lab based simulated setting & actual clinical setting ○ Physical Observation of Practical sessions in Laboratory set-up/Skill Laboratory ○ Lesson Plans/Teaching Plans
Level-1	If only one sampled faculty staff has developed teaching plan/lesson and has used or modelled teaching/training methods mapping with type of competences, objectives derived from Competences and further knowledge domains (K, S, A/C) and competence levels (K, KH, S, SH & P) related to competences in skill lab based simulated setting/actual clinical setting	○ Interaction with sampled faculty staff ○ Physical observation of Clinical Training in Lab based simulated setting & actual clinical setting ○ Lesson Plans/Teaching Plans
Level-2	If more than one sampled faculty staff has developed teaching plan/lesson and has used or modelled teaching/training methods mapping with type of competences,	○ Interaction with sampled faculty staff ○ Physical observation of Clinical Training in Lab

	objectives derived from Competences and further knowledge domains (K, S, A/C) and competence levels (K, KH, S, SH & P) related to competences in skill lab based simulated setting and actual clinical setting both	based simulated setting & actual clinical setting ○ Lesson Plans/Teaching Plans
Level-3	If all sampled faculty staff has developed teaching plan/lesson and has used or modelled teaching/training methods mapping with type of competences, objectives derived from Competences and further knowledge domains (K, S, A/C) and competence levels (K, KH, S, SH & P) related to competences in skill lab based simulated setting and actual clinical setting both	○ Interaction with sampled faculty staff ○ Physical observation of Clinical Training in Lab based simulated setting & actual clinical setting ○ Lesson Plans/Teaching Plans

Parameter-3: Programme wise number of recruited Faculty Staff vis-à-vis Regulatory specifications

Operational explanation for 3 to 6: This parameter deals with programme wise Faculty staff required. For designing Data Capture Format for this parameter, minimum standard requirement (MSR) laid down for UG and PG programs by Medical Regulator have been referred. The emphasis in medical education is on practical instruction and demonstration in small groups; therefore, the number of teachers must be sufficient in accordance with the provisions of this indicator to allow for the delivery of instructions. All teaching staff members at the medical college must work full-time hours. These regulations cover the minimal criteria for undergraduate medical education as determined by the annual MBBS student intake, as well as the minimum patient load specified in the regulations. NMC specifies the required faculty strength department wise

- **For PG programme (standalone)-** The required faculty strength for the PG Clinical Department of Broad Speciality and Super Speciality (with indoor beds and units) and other departments is specified by NMC.
- **For UG&PG programmes-** NMC has laid down that teachers appointed as faculty in super-specialty departments shall not be counted against the complement of teachers required for under graduate medical education in broad speciality departments. However, teachers appointed in a broad speciality department who also have super-speciality qualifications shall be counted against the complement of teachers required for under graduate medical education in the concerned broad speciality department. Further, it has also been indicated that extra faculty of all designations are needed in the

departments of anatomy, physiology, biochemistry, pathology, microbiology, anaesthesiology, and radio diagnostics in addition to the faculty that is necessary for their annual sanctioned MBBS intake.

*Reference documents: UG MSR Regulations 2020, scheduled 2 (staff requirements)
Post graduate Medical Education Regulation 2021 (point no 14.1)*

Scoring Rubrics for this parameter: - *(For Program wise & Sanctioned Intake. Part time Faculty will not be counted for this parameter)*

Level	Required conditions	Supporting documents
Level-0	The number of faculty staff is less than the MSR laid down by NMC	Appointment Letter, Academic Degrees, promotion letter, joining letter
Level-1	The number of faculty staff is equal to the MSR laid down by NMC for concerned department	Appointment Letter, Academic Degrees, promotion letter, joining letter
Level-2	- Proportion of Professor & Associate Professor must not be less than the number required as per laid down MSR for concerned department - Proportion of Tutor or Demonstrator or Sr. Residents must not be less than number required as per laid down for concerned department <i>In non-clinical department (Anatomy, Physiology & Biochemistry), proportion of recruited non-medical faculty must not be greater than 15% of total faculty subject to non-availability of medical teachers (For UG Program)</i>	Appointment Letter, Academic Degrees, promotion letter, joining letter
Level-3	If overall proportion of Professor and Associate Professors is greater than total number of Professor &	Appointment Letter, Academic Degrees, promotion letter, joining letter

	Associate Professors required for all departments together	
--	--	--

Parameter-4: Programme wise number of Faculty Staff with additional professional/educational qualifications other than minimum qualifications laid down by NMC

Operational Explanation: Teachers Eligibility Qualifications in Medical Institution Regulations, 2022 laid down by NMC has laid down following norms-

- General norms for appointment of faculty in Medical Institutions for all cadre according to their academic qualifications.
- Norms for faculty appointment and promotion on the basis of academic qualification and teaching and research experience.
- Eligibility of being designated as PG guide for broad and super specialties.
- Norms for Determination of Teaching Designations for Consultants/Specialists in Medical institutions of Defence Services.

In addition, the institutions having both undergraduate and postgraduate courses shall fulfill the requirement Teaching and non-teaching staff as per the "Minimum Requirements for Annual MBBS Admissions Regulations"

Scoring Rubrics based on Common DCF for Parameter 3, 4, 5, 6 & 7: - (For Program wise & Sanctioned Intake)

Level	Required conditions	Supporting documents
Level-0	If all or some recruited Faculty staff are not possessing at least minimum qualification laid down by NMC for concerned department	Appointment Letter, Academic Degrees, promotion letter, joining letter
Level-1	If 100% recruited Faculty staff are possessing at least minimum qualification laid down by NMC for concerned department	Appointment Letter, Academic Degrees, promotion letter, joining letter
Level-2	If for 10% of total faculty staff, their qualifications are higher than minimum required qualification	Appointment Letter, Academic Degrees, promotion letter, joining letter
Level-3	If for more than 10% of total faculty staff, their qualifications are higher than minimum required qualification	Appointment Letter, Academic Degrees, promotion letter, joining letter

Parameter-5: Programme wise Number of Full Time/Regular Faculty vis-à-vis Total Faculty required

Note- Based on operational Explanation given in parameter 3.

Scoring Rubrics based on Common DCF for Parameter 3, 4, 5, 6 & 7: - (For Program wise & Sanctioned Intake)

Level	Required conditions	Supporting documents
Level-0	The number of total full time/regular faculty staff required in any department by Program is less than the MSR laid down by NMC	Appointment Letter, Academic Degrees, promotion letter, joining letter
Level-1	The number of total full time/regular faculty staff required in any department by Program is at least equal to the MSR laid down by NMC	Appointment Letter, Academic Degrees, promotion letter, joining letter
Level-2	The number of full time/regular faculty staff together for all departments is more than 10% of the MSR laid down by NMC	Appointment Letter, Academic Degrees, promotion letter, joining letter
Level-3	The number of full time/regular faculty staff together for all departments is more than 20% of the MSR laid down by NMC	Appointment Letter, Academic Degrees, promotion letter, joining letter

Parameter-6: Total number of vacancies created due to attrition of staff & number of Faculty Staff recruited for filling vacancies in past 2 Years vis-à-vis Total faculty required

Operation explanation: This parameter is dealing with number of Faculty staff have left the College/Institution in past 3 years and how this attrition of Faculty staff has led to total number of vacant posts in the College. Subsequently, how many Faculty staff have been recruited for filling the vacant posts.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If vacant seats resulting from attrition of Faculty staff have not been filled	NA
Level-1	If more than 70% vacant seats are filled in past 2 years	Appointment & Joining Letters, Registration Number
Level-2	If more than 90 % vacant seats are filled in past 2 years	Appointment & Joining Letters, Registration Number
Level-3	If 100 % vacant seats are filled in past 2 years	Appointment & Joining Letters, Registration Number

Parameter-7: No. of resource persons from the relevant fields invited as Guest/Visiting Faculty for Lectures in last 2 Years

Operational explanation- Medical Colleges/Institutions may appoint "Visiting Faculty" on a part-time basis in addition to the minimum faculty specified for annual sanctioned intake, as prescribed in "Minimum Qualifications for Teachers in Medical Institutions" regulations, with the goal of improving the comprehensiveness and quality of teaching of undergraduate students in pre-clinical, para-clinical, and clinical departments. The visiting professors, however, will not be counted towards the standards" requirement for professors.

Scoring Rubrics for using separately for the parameter 7: -

With reference to regulations laid down by Medical Regulator for assessment and rating of Medical College/Institutions, Research Output and Impact category of assessment criteria has been mentioned. Since there is no minimum value fixed by Medical Regulator regarding total revenue might be generated through research projects etc. In absence of reference points for drawing meaningful inferences on this parameters, college wise obtained values will be subjected to normalization based on following formula: -

$$\frac{\text{Total score of College on the parameter } (x') - \text{Minimum obtained score on the parameter } (x)}{\text{Maximum obtained score on this parameter } (y) - \text{Minimum obtained score on this parameter } (x)} \times 100$$

Where x' = for concerned college, total score obtained by College on this parameter

y = Maximum Value for "Maximum obtained score by any college on this parameter" in all colleges

x = Minimum value for "Minimum obtained score by any College on this parameter" in all colleges

Note: Based on above mentioned formula, value on this parameter may range between 0 to 1

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	NA
Level-1	If obtained value is ranging between "0.10" and "0.30"	Appointment & Joining Letters, Registration Number
Level-2	If obtained value is ranging between "0.30" and "0.50"	Appointment & Joining Letters, Registration Number
Level-3	If obtained value is greater than "0.50"	Appointment & Joining Letters, Registration Number

Parameter-8: No. of prestigious Awards/Prize instituted at International or National or State level availed by students of college in last 2 Years

Operational explanation- This parameter deals with prestigious awards/prizes availed by students in past 2 years. Based on given Data Capture Format, information will be captured from College/Institutions based on indicators like-category of awards/prize, level of Awards (International or National or State), Management type of agency giving awards etc. Further for assessment and rating of Colleges, areas like Academic Excellence, Research Output and compliance standards laid down by undergraduate & postgraduate Medical Boards have been mentioned. This parameter is directly related to above mentioned categories of assessment & rating criteria, because this parameter is proxy for quality teaching and training process in College/Institution.

Scoring Rubrics for using separately for the parameter 8, 9 & 10: -

With reference to regulations laid down by Medical Regulator for assessment and rating of Medical College/Institutions, Research Output and Impact category of assessment criteria has been mentioned. Since there is no minimum value fixed by Medical Regulator regarding total revenue might be generated through research projects etc. In absence of reference points for drawing meaningful inferences on this parameters, college wise obtained values will be subjected to normalization based on following formula: -

$$\frac{\text{Total score of College on the parameter } (x') - \text{Minimum obtained score on the parameter } (x)}{\text{Maximum obtained score on this parameter } (y) - \text{Minimum obtained score on this parameter } (x)} \times 100$$

Where x' = for concerned college, total score obtained by College on this parameter

y = Maximum Value for "Maximum obtained score by any college on this parameter" in all colleges

x = Minimum value for "Minimum obtained score by any College on this parameter" in all colleges

Note: Based on above mentioned formula, value on this parameter may range between 0 to 1

Scoring Rubrics for this parameter: -

Level of Presentation	Performance Level				Supporting evidences
	Level-0	Level-1	Level-2	Level-3	
State level	If obtained value is less than "0.10"	If obtained value is ranging between "0.10" and "0.30"	If obtained value is ranging between "0.30" and "0.50"	If obtained value is greater than "0.50"	Subject to evidences (Certificate/Award Letters) regarding Awards/Prizes submitted & verified for past 2 years
National level	If obtained value is	If obtained value is	If obtained value is	If obtained value is	Subject to evidences (Certificate/Award

	less than "0.10"	ranging between "0.10" and "0.30"	ranging between "0.30" and "0.50"	greater than "0.50"	Letters) regarding Awards/Prizes submitted & verified for past 2 years
International Level	If obtained value is less than "0.10"	If obtained value is ranging between "0.10" and "0.30"	If obtained value is ranging between "0.30" and "0.50"	If obtained value is greater than "0.50"	Subject to evidences (Certificate/Award Letters) regarding Awards/Prizes submitted & verified for past 2 years

Parameter-9: No. of prestigious Awards/Prize instituted at International or National or State level availed by Faculty of College in last 2 Years

Operational explanation- This parameter deals with prestigious awards/prizes availed by Faculty in past 2 years. Based on given Data Capture Format, information will be captured from College/Institutions based on indicators like-category of awards/prize, level of Awards (International or National or State), Management type of agency giving awards etc. Further for assessment and rating of Colleges, areas like Academic Excellence, Research Output and compliance standards laid down by undergraduate & postgraduate Medical Boards have been mentioned. This parameter is directly related to above mentioned categories of assessment & rating criteria, because this parameter is proxy for quality of Faculty staff & teaching and training process in College/Institution.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	NA
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ Subject to evidences (Certificate/Award Letters) regarding Awards/Prizes submitted & verified for past 2 years
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ Subject to evidences (Certificate/Award Letters) regarding Awards/Prizes submitted & verified for past 2 years
Level-3	If obtained value is greater than "0.50"	○ Subject to evidences (Certificate/Award Letters) regarding Awards/Prizes

		submitted & verified for past 2 years
--	--	---------------------------------------

Parameter-10: Number of Extra/Co-curricular Student awards instituted at State/National/International level in past 2 years

Operational explanation- This parameter deals with prestigious awards/prizes availed by students in past 2 years. Based on given Data Capture Format, information will be captured from College/Institutions based on indicators like-category of awards/prize, level of Awards (International or National or State), Management type of agency giving awards etc. Further for assessment and rating of Colleges, areas like Academic Excellence, Research Output and compliance standards laid down by undergraduate & postgraduate Medical Boards have been mentioned. This parameter is directly related to above mentioned categories of assessment & rating criteria, because this parameter is proxy for infrastructural facilities related to sports and extra-curricular activities in the College/Institution.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	NA
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ Subject to evidences (Certificate/Award Letters) regarding Awards/Prizes submitted & verified for past 2 years
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ Subject to evidences (Certificate/Award Letters) regarding Awards/Prizes submitted & verified for past 2 years
Level-3	If obtained value is greater than "0.50"	○ Subject to evidences (Certificate/Award Letters) regarding Awards/Prizes submitted & verified for past 2 years

Parameter-11: Number of Faculty Staff contributed in Designing of Course Materials (Online & offline) at International or National or State level recognized platforms in past 2 years

Operational explanation- This parameter is related to capturing information about contribution in designing courses (online or offline courses) at International or National or State level platforms/Academic Institutions. This parameter is proxy for quality of recruited Faculty staff. As per category of assessment and rating criteria laid down

MARB-NMC, this parameter is indirectly related to academic excellence & minimum standards laid down for quality of teaching staff.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If no Faculty staff has contributed in online or offline	NA
Level-1	If one or more faculty staff has contributed in Online/Offline Courses for reputed online platform/academic institution at State level	Valid Contribution Certificates & Evidence of designed Course Materials
Level-2	If one or more faculty staff has contributed in Online/Offline Courses for reputed online platform/academic institution at National level	Valid Contribution Certificates & Evidence of designed Course Materials
Level-3	If one or more faculty staff has contributed in Online/Offline Courses for reputed online platform/academic institution at International level	Valid Contribution Certificates & Evidence of designed Course Materials

Parameter-12: Number of Paper Presentations by Faculty Staff in recognized International/National & State level Conferences/Competitions in last 2 Years

Operational explanation- This parameter is related to capturing information about paper presentation (oral & postal) by Faculty in reputed conferences & competitions organized by recognized body in medical education. This parameter is proxy for quality of faculty staff & quality of teaching learning process in the concerned College. This parameter is related to Research Output & Impact and academic excellence categories of assessment and rating criteria.

Scoring Rubrics for using separately for the parameter 12: -

With reference to regulations laid down by Medical Regulator for assessment and rating of Medical College/Institutions, Research Output & Impact and academic excellence categories of assessment & rating criteria has been mentioned. Since there is no minimum value fixed by Medical Regulator about number of research papers will be presented by Faculty or students etc. In the absence of reference points for drawing meaningful inferences on this parameters, college wise obtained values will be subjected to normalization based on following formula: -

$$\frac{\text{Total score of College on the parameter } (x') - \text{Minimum obtained score on the parameter } (x)}{\text{Maximum obtained score on this parameter } (y) - \text{Minimum obtained score on this parameter } (x)} \times 100$$

Where x'= for concerned college, total score obtained by College on this parameter

y = Maximum Value for "Maximum obtained score by any college on this parameter" in all colleges

x' = Minimum value for "Minimum obtained score by any College on this parameter" in all colleges

Note: Based on above mentioned formula, value on this parameter may range between 0 to 1

Scoring Rubrics for this parameter: -

Level of Presentation	Performance Level				Supporting evidences
	Level-0	Level-1	Level-2	Level-3	
State level	If obtained value is less than "0.10"	If obtained value is ranging between "0.10" and "0.30"	If obtained value is ranging between "0.30" and "0.50"	If obtained value is greater than "0.50"	Acceptance letter, Communication regarding travelling and accommodations & Certificate of presentation
National level	If obtained value is less than "0.10"	If obtained value is ranging between "0.10" and "0.30"	If obtained value is ranging between "0.30" and "0.50"	If obtained value is greater than "0.50"	Acceptance letter, Communication regarding travelling and accommodations & Certificate of presentation
International Level	If obtained value is less than "0.10"	If obtained value is ranging between "0.10" and "0.30"	If obtained value is ranging between "0.30" and "0.50"	If obtained value is greater than "0.50"	Acceptance letter, Communication regarding travelling and accommodations & Certificate of presentation

Parameter-13: Number of Academic Presentations by Students in recognized International/National & State level Conferences/Competitions in last 2 Years

Operational explanation- This parameter is related to capturing information about paper presentation (oral & postal) by students in reputed conferences & competitions organized by recognized body in medical education. This parameter is proxy for quality of faculty staff & quality of teaching learning process in the concerned College. This parameter is related to Research Output & Impact and academic excellence categories of assessment and rating criteria.

Scoring Rubrics for this parameter: -

Level of Presentation	Performance Level				Supporting evidences
	Level-0	Level-1	Level-2	Level-3	
State level	If obtained value is less than "0.10"	If obtained value is ranging between "0.10" and "0.30"	If obtained value is ranging between "0.30" and "0.50"	If obtained value is greater than "0.50"	Acceptance letter, Communication regarding travelling and accommodations & Certificate of presentation
National level	If obtained value is less than "0.10"	If obtained value is ranging between "0.10" and "0.30"	If obtained value is ranging between "0.30" and "0.50"	If obtained value is greater than "0.50"	Acceptance letter, Communication regarding travelling and accommodations & Certificate of presentation
International Level	If obtained value is less than "0.10"	If obtained value is ranging between "0.10" and "0.30"	If obtained value is ranging between "0.30" and "0.50"	If obtained value is greater than "0.50"	Acceptance letter, Communication regarding travelling and accommodations & Certificate of presentation

4.6. Criterion-6: Assessment Policy: Formative, Internal & Summative Assessment

Parameter-1: Formative & Internal Assessment vis-à-vis Guidelines of Student Assessment

Operational explanation: - This parameter is dealing with type of assessment approach and tools are being employed for tracking, monitoring and certifying mastery of students over pre-specified competences. As Medical Regulators have introduced Competence Based Curriculum, competence based education/learning necessitates employing continuous and formative assessment as integral component of teaching/training process. As per prescribed curriculum, Faculty staff are required to use right balance of formative & internal assessment. Curriculum has prescribed the usages of several assessment tools like during Lecture clickers, one-minute paper and muddiest point, during clinical/practical teaching-one-minute preceptor, SNAPPS techniques, assessment methods as per level of competences to be developed like

written examination for evaluating knowledge, Clinical Problem Solving for evaluating application of knowledge, OSCE, Case Presentations and SP (Standardized/Simulated Patients) for evaluating demonstration of clinical skills and work based assessment for evaluating daily patient care and log book based assessment etc. Further Curriculum has prescribed Internal Assessment for theory, practical/clinical, AETCOM etc. In Internal Assessment tools like OSCE, DOPS (Directly Observed Procedural Skills), mini-CEX (Mini Clinical Evaluation Exercise) & Log Book based assessment etc. Same set of 25% Faculty staff with equal representation from Clinical & non-clinical subjects and 15% sampled students with equal representation from each professional year of program who will be interacted for parameters- 1 & 2 of Criterion 1, will also be interacted for this parameter 1 under criterion-6.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If less than 50% of sampled faculty could show evidences of used/employed Formative assessment tools mapped with competences & level of competences (K, KH, S, SH & P) related to Theory & Practical classes and clinical Training sessions held in Skill Lab based simulated setting/real clinical setting for last 30 days from date of physical visit in the College.	Physical verification of filled assessment sheets tools (electronic or hard copy) used by sampled faculty mapped with intended competences & level of competences (K, KH, S, SH & P) related to Theory & Practical classes and clinical Training sessions in past 30 days
Level-1	- If more than 50% of sampled faculty staff will be able to show formative used formative tools in last 30 days related Competence & level of competences (K, KH, S, SH & P) for Theory & Practical classes and clinical Training sessions held in Skill Lab based simulated setting/real clinical setting - If more than 50% of sampled students confirms usages of formative assessment tools as mentioned above	Physical verification of filled assessment sheets tools (electronic or hard copy) used by sampled faculty mapped with intended competences & level of competences (K, KH, S, SH & P) related to Theory & Practical classes and clinical Training sessions in past 30 days
Level-2	If more than 75% of sampled faculty staff will be able to show formative used formative tools in last 30 days related Competence & level of competences (K, KH, S, SH &	Physical verification of filled assessment sheets tools (electronic or hard copy) used by sampled faculty mapped with intended competences &

	P) for Theory & Practical classes and clinical Training sessions held in Skill Lab based simulated setting/real clinical setting ○ If more than 75% of sampled students confirm usages of formative assessment tools as mentioned above	level of competences (K, KH, S, SH & P) related to Theory & Practical classes and clinical Training sessions in past 30 days
Level-3	○ If 100% faculty staff could show type of assessment tools used in Internal Assessment for Theory, Practical & Clinical Evaluation (Simulated Lab based or real clinical setting based) for recently held Internal Assessment ○ If Filled assessment sheets (Theory, Practical & Clinical) for all 15% sampled students could be produced for recently held Internal Assessment and same is confirmed by students	○ Physical verification of filled assessment sheets tools (electronic or hard copy) for sampled students related to recently held Internal Assessment (IA)

Parameter-2: Log Books & Portfolio based Tracking learning progress of students vis-à-vis laid down clinical Skills/Competences

Operational explanation: - With respect to Competence Based Curriculum prescribed by Medical Regulators for UG and PG programs in Medical Education, log based capturing learning evidences have been emphasized. NMC has defined the Log Book as verified record of the progression of the learner documenting the acquisition of the requisite knowledge, skills, attitude and/or competences. In the log book, competence wise performance/learning along with activities allowing/enabling students for demonstration of concerned competence, learning contexts in which students have been provided opportunity for learning like Skill Laboratory, Seminars, Symposia, predetermined patient or community interactions, rating for each competence performed by student along with decision of faculty etc. *Note: Log Books of same 15% sampled students related to Parameter 1 & 2 of Criterion 1, will be verified under requirement of this parameter-2 of Criterion-6.*

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If all students are not maintaining Log Books	NA
*Level-1	○ If all 5% sampled students have maintained Log Books	○ Physical Verification of Log Books of same 5%

	with specifications of Competences already decided by Faculty staff vis-à-vis by each batch by each Program	sampled students for requirements parameter 1 & 2 of Criterion 1
*Level-2	○ If there is agreement between performance of 50% of sampled students (<i>Refer Parameter 1 &2 of Criterion 1</i>) and rating given by faculty for concerned competences in their Log Book	○ Checking agreement between clinical procedures performed by 5% sampled students (<i>Refer Parameter 1 &2 of Criterion 1</i>) & rating given to them for same clinical procedures by their Faculty in their Log Books
*Level-3	○ If there is agreement between performance of more than 50% of sampled students (<i>Refer Parameter 1 &2 of Criterion 1</i>) and rating given by faculty for concerned competences in their Log Books	○ Checking agreement between clinical procedures performed by 5% sampled students (<i>Refer Parameter 1 &2 of Criterion 1</i>) & rating given to them for same clinical procedures by their Faculty in their Log Books

****Note: Log Books of same 15% sampled students related to Parameter 1 & 2 of Criterion 1, will be verified here***

4.7. Criterion-7: Research Output & Impact

Scoring Rubrics for using separately for the parameter 1, 2, 3 & 4: -

With reference to regulations laid down by Medical Regulator for assessment and rating of Medical College/Institutions, Research Output and Impact category of assessment criteria has been mentioned. Since there is no minimum value fixed by Medical Regulator regarding number of paper publications and number cite values etc. In absence of reference points for drawing meaningful inferences on this parameters, college wise obtained values will be subjected to normalization based on following formula: -

$$\frac{\text{Total score of College on the parameter } (x') - \text{Minimum obtained score on the parameter } (x)}{\text{Maximum obtained score on this parameter } (y) - \text{Minimum obtained score on this parameter } (x)} \times 100$$

Where x' = for concerned college, total score obtained by College on this parameter

y = Maximum Value for "Maximum obtained score by any college on this parameter" in all colleges

x = Minimum value for "Minimum obtained score by any College on this parameter" in all colleges

Note: Based on above mentioned formula, value on this parameter may range between 0 to 1

Parameter-1: Total number of research paper publications by Faculty Staff & students with Institutional Affiliation in last 2 Years in Scopus & WOS indexed Journals

Operational explanation: - As per this criterion number of total number of research paper publications by Faculty Staff and Students in past 2 years will be considered. Research papers should be published in Journals indexed in following database Provided- Medline, Pubmed, Central, Science Citation index, Science Citation Index Expanded, Embase, Scopus, Directory of Open access journals (DoAJ will be considered.

Scoring Rubrics for this parameter: - *Based on Common DCF for Parameters 1,2,3 & 4*

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	Submission of details & uploaded soft copies in indexed journals in given database only
Level-2	If obtained value is ranging between "0.30" and "0.50"	Submission of details & uploaded soft copies in indexed journals in given database only
Level-3	If obtained value is greater than "0.50"	Submission of details & uploaded soft copies in indexed journals in given database only

Note: *Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria*

Parameter-2: Cumulative Citation Scores (Only in Q1 & Q2 Category Journals)

Operational explanation: - As per this parameter, cumulative citation scores of all published research papers indexed in given database will be computed for College.

Scoring Rubrics for this parameter: - *Based on Common DCF for Parameters 1,2,3 & 4*

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	Subject to details provided & citations scores computed in given database

Level-2	If obtained value is ranging between "0.30" and "0.50"	○ Subject to details provided & citations scores computed in given database
Level-3	If obtained value is greater than "0.50"	○ Subject to details provided & citations scores computed in given database

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-3: Publications in High Quartile Category Journals

Operational explanation: - Database in which Journals are indexed are categorized under four quartiles like Q1, Q2, Q3 & Q4. Q1 journals are rated high in terms of credibility & performance followed by Q2, Q3 & Q4.

Scoring Rubrics for this parameter: - Based on Common DCF for Parameters 1,2,3 & 4

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ Subject to details provided & Quartile based Category of Journals indexed in given database
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ Subject to details provided & Quartile based Category of Journals indexed in given database
Level-3	If obtained value is greater than "0.50"	○ Subject to details provided & Quartile based Category of Journals indexed in given database

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-4: Cumulative Impact Factors of all publications published by the Institute in indexed Journals in the last 3 Years

Operational explanation: -Impact Factor of Journal is yardstick for significance and rank of Journal calculated with respect to citations of papers published in this Journal.

Scoring Rubrics for this parameter: - Based on Common DCF for Parameters 1,2,3 & 4

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable

Level-1	If obtained value is ranging between "0.10" and "0.30"	○ Subject to details provided & impact factors computed in given database
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ Subject to details provided & impact factors computed in given database
Level-3	If obtained value is greater than "0.50"	○ Subject to details provided & impact factors computed in given database

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-5: - No. of patents/ copy rights filed by the Institution in the last 2 years

Operational explanation: - This parameter is primarily dealing with no of patents granted and number of patents filed by Medical College in past 2 years. A Patent is a statutory right for an invention granted for a limited period of time to the patentee by the Government, in exchange of full disclosure of his invention for excluding others, from making, using, selling, importing the patented product or process for producing that product for those purposes without his consent.

Scoring Rubrics for using separately for the parameter 5 & 6: -

With reference to regulations laid down by Medical Regulator for assessment and rating of Medical College/Institutions, Research Output and Impact category of assessment criteria has been mentioned. Since there is no minimum value fixed by Medical Regulator regarding number of paper publications, number cite values & number of filing of patent applications etc. In absence of reference points for drawing meaningful inferences on this parameters, college wise obtained values will be subjected to normalization based on following formula: -

$$\frac{\text{Total score of College on the parameter } (x') - \text{Minimum obtained score on the parameter } (x)}{\text{Maximum obtained score on this parameter } (y) - \text{Minimum obtained score on this parameter } (x)} \times 100$$

Where x'= for concerned college, total score obtained by College on this parameter

y= Maximum Value for "Maximum obtained score by any college on this parameter" in all colleges

x'= Minimum value for "Minimum obtained score by any College on this parameter" in all colleges

Note: Based on above mentioned formula, value on this parameter may range between 0 to 1

Scoring Rubrics for this parameter: - Based on Common DCF for Parameters 5 & 6

Level	Required conditions	Supporting documents
-------	---------------------	----------------------

Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ Date of Filing of Patent Applications along with Publication Number
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ Date of Filing of Patent Applications along with Publication Number
Level-3	If obtained value is greater than "0.50"	○ Date of Filing of Patent Applications along with Publication Number

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-6: - No. of patents/ copy rights granted in last 2 years

Operational explanation: - This parameter is related to number filled patent applications in past 2 years have been granted along with patent number.

Scoring Rubrics for this parameter: - Based on Common DCF for Parameters 5 & 6

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ Date of Granting of Patent along with Patent Number
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ Date of Granting of Patent along with Patent Number
Level-3	If obtained value is greater than "0.50"	○ Date of Granting of Patent along with Patent Number

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-7: - No. of Collaboration projects completed/ongoing in collaboration with Industry/Non-government (National, State/International) funding agencies in last 2 years

Operational explanation: - This parameter deals with number of projects completed or being completed funded by Industry or any non-government agencies in India and abroad.

Scoring Rubrics for this parameter: - Based on Common DCF for Parameters 7, 8 & 9

Level	Required conditions	Supporting documents
Level-0	If the College has no research project funded by external funding agency	Not Applicable
Level-1	If College has initiated or completed minimum 2 Research	○ Copy of Agreement with Funding Agency

	Project funded by non-government agency at State level in past 2 years	
Level-2	If College has initiated or completed minimum 2 Research Project funded by non-government agency at National level in past 2 years	○ Copy of Agreement with Funding Agency
Level-3	If College has initiated or completed minimum 2 Research Project funded by non-government agency at International level in past 2 years	○ Copy of Agreement with Funding Agency

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-8: - No. projects completed/ongoing funded/being funded by government agency in India and abroad like CSIR, ICMR etc. in last 2 years

Operational explanation: - This parameter deals with number of projects completed or being completed funded by government agencies in India and abroad

Scoring Rubrics for this parameter: - Based on Common DCF for Parameters 7, 8 & 9

Level	Required conditions	Supporting documents
Level-0	If the College has no research project funded by external funding agency	Not Applicable
Level-1	If College has initiated or completed minimum 2 Research Project funded by government agency at State level in past 2 years	○ Copy of Agreement with Funding Agency
Level-2	If College has initiated or completed minimum 2 Research Project funded by government agency at National level in past 2 years	○ Copy of Agreement with Funding Agency
Level-3	If College has initiated or completed minimum 2 Research Project funded by government agency at International level in past 2 years OR If College has initiated or completed minimum 5 Research Project funded by government agency at National level in past 2 years	○ Copy of Agreement with Funding Agency

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-9: - Total revenue generated through funded projects (Government/Non-Government/International) in the last 3 Years

Operational explanation: - This parameter deals with total revenue generated in INR vis-à-vis research projects completed/being completed funded by government or non-government in India and abroad.

Scoring Rubrics for using separately for the parameter 9: -

With reference to regulations laid down by Medical Regulator for assessment and rating of Medical College/Institutions, Research Output and Impact category of assessment criteria has been mentioned. Since there is no minimum value fixed by Medical Regulator regarding total revenue might be generated through research projects etc. In absence of reference points for drawing meaningful inferences on this parameters, college wise obtained values will be subjected to normalization based on following formula: -

$$\frac{\text{Total score of College on the parameter } (x') - \text{Minimum obtained score on the parameter } (x)}{\text{Maximum obtained score on this parameter } (y) - \text{Minimum obtained score on this parameter } (x)} \times 100$$

Where x' = for concerned college, total score obtained by College on this parameter

y = Maximum Value for "Maximum obtained score by any college on this parameter" in all colleges

x = Minimum value for "Minimum obtained score by any College on this parameter" in all colleges

Note: Based on above mentioned formula, value on this parameter may range between 0 to 1

Scoring Rubrics for this parameter: - Based on Common DCF for Parameters 7, 8 & 9

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ Copy of Agreement with Funding Agency
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ Copy of Agreement with Funding Agency
Level-3	If obtained value is greater than "0.50"	○ Copy of Agreement with Funding Agency

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-10: - Percentage of Faculty Staff recognized as PG Guide and number of PG students enrolled per faculty

Operational explanation: - This criterion is related to percentage of Faculty staff having essential qualifications to be recognized as PG Guide. Further this parameter is related to standards laid down by Medical Regulator for becoming PG Guide.

Scoring Rubrics for this parameter: - (Based on Data Capture Format related to Parameter 3 of Criterion 4)

Level	Required conditions	Supporting documents
Level-0	If less than 20% of Faculty staff are recognized as PG Guide	Not Applicable
Level-1	If more than 20% of Faculty staff are recognized as PG Guide	○ Appointment & Joining Letters, Qualification for essential PG Degree, Experience certificate after PG in concerned specialty
Level-2	If more than 50% of Faculty staff are recognized as PG Guide	○ Appointment & Joining Letters, Qualification for essential PG Degree, Experience certificate after PG in concerned specialty
Level-3	If more than 80% of Faculty staff are recognized as PG Guide	○ Appointment & Joining Letters, Qualification for essential PG Degree, Experience certificate after PG in concerned specialty

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

4.8. Criterion-8: Financial-Resource: Recurring & non-recurring expenditures

Scoring Rubrics for individual parameter from 1 to 13

In absence of reference points for drawing meaningful inferences on this each parameter, college wise obtained values will be subjected to normalization based on following formula: -

$$\frac{\text{Total score of College on the parameter } (x') - \text{Minimum obtained score on the parameter } (x)}{\text{Maximum obtained score on this parameter } (y) - \text{Minimum obtained score on this parameter } (x)} \times 100$$

Where x'= for concerned college, total score obtained by College on this parameter

y= Maximum Value for "Maximum obtained score by any college on this parameter" in all colleges

x'= Minimum value for "Minimum obtained score by any College on this parameter" in all colleges

Note: Based on above mentioned formula, value on this parameter may range between 0 to 1

Parameter-1: Cumulative values of Books & Journals and other Learning Resources purchased in past 1 Year

Operational explanation: - Based on this parameter, data will be captured regarding amount spent on addition of new books & subscription of new journals etc. This parameter is proxy for enriching knowledge & skills of students by making new literatures available related to medical field. Total amount spent in INR in past 1 year will be captured college wise.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ Subject to List of Books & Journals procured/subscribed ○ Invoice for procurement/subscription ○ Stock Register
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ Subject to List of Books & Journals procured/subscribed ○ Invoice for procurement/subscription ○ Stock Register
Level-3	If obtained value is greater than "0.50"	○ Subject to List of Books & Journals procured/subscribed ○ Invoice for procurement/subscription ○ Stock Register

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-2: Cumulative Amount spent on procurement of consumable Lab based materials in last 3 Years

Operational explanation: For training of students in clinical & non-clinical departments as per requirements of Curriculum, Laboratory based resources play very significant roles for enabling students for practicing of competences in lab based simulated setting. Further procurement of consumable materials in laboratory based investigations in clinical departments in hospital, is proxy of patient loads which is essential for clinical training of students.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable

Level-1	If obtained value is ranging between "0.10" and "0.30"	○ Invoice for procurement for consumable materials ○ Stock Register
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ Invoice for procurement for consumable materials ○ Stock Register
Level-3	If obtained value is greater than "0.50"	○ Invoice for procurement for consumable materials ○ Stock Register

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-3: Cumulative amount spent on maintenance of radiological equipment in past 1 year

Operational explanation: According to NMC guidelines there shall be facilities for conventional and static and portable X-rays, fluoroscopy, contrast studies, ultra-sonography and computerized tomography. Spending of amount for maintenance of equipment in department of radio-diagnosis is indicative of radiological investigations as result of patient loads which is further essential for clinical training of students.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ Invoice for procurement for consumable materials ○ Stock Register
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ Invoice for procurement for consumable materials ○ Stock Register
Level-3	If obtained value is greater than "0.50"	○ Invoice for procurement for consumable materials ○ Stock Register

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-4: Cumulative amount spent on procurement of non-consumable equipment in Laboratories in past 1 years

Operational explanation: This parameter requires capturing data for procurement of non-consumable equipment in Laboratory other than minimum requirements. Procurement of non-equipment other than MSR laid down by Medical Regulator is indicative of augmentation of resources as a result of increased patient footfall, which are essential clinical materials for clinical training of students.

Scoring Rubrics for this parameter: - (Common DCF for Parameter 2 & 4)

Level	Required conditions	Supporting documents
--------------	----------------------------	-----------------------------

Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ Invoice for procurement for consumable materials ○ Stock Register
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ Invoice for procurement for consumable materials ○ Stock Register
Level-3	If obtained value is greater than "0.50"	○ Invoice for procurement for consumable materials ○ Stock Register

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-5: Cumulative amount spent on Conferences, & workshops with external participants & Resource Persons in last 1 year

Operational explanation: As per requirement of this parameter, College wise data will be captured regarding incurred expenditures on conducting FDP (Faculty Development Programs). For FDP, if College is organizing in-house workshops or conferences by inviting external resource persons or college is allowing external participants in programs, alternatively if college is sponsoring Faculty Staff for attending programs at Regional Centres & Nodal Centres of NMC for FDP pertaining to Basic Course Workshop or Advance Course in Medical Education or Curriculum Implementation Support Programs or implementation of AETCOM modules etc. as such incurred expenditures will be submitted by College/Institution pertaining to this parameter. This Parameter is related to MSR laid down by Medical Regulator and academic excellence category of assessment and rating criteria for Medical Colleges.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ List of workshop & Conferences conducted in Past 1 Year ○ Audited Balance sheet & Expenditure statement ○ Evidence of participants & Resource person program wise
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ List of workshop & Conferences conducted in Past 1 Year ○ Audited Balance sheet & Expenditure statement ○ Evidence of participants & Resource person program wise
Level-3	If obtained value is greater than "0.50"	○ List of workshop & Conferences conducted in Past 1 Year

		○ Audited Balance sheet & Expenditure statement ○ Evidence of participants & Resource person program wise
--	--	--

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-6: Cumulative amount spent on sponsoring participation of Faculty Staff in Professional Development Programs/Continuing Education organized outside the Institution in last 3 Years

Operational explanation: As per requirement of this parameter, Colle wise data will be captured regarding incurred expenditures on conducting FDP (Faculty Development Programs). For FDP, if College is organizing in-house workshops or conferences by inviting external resource persons or college is allowing external participants in programs, alternatively if college is sponsoring Faculty Staff for attending programs at Regional Centres & Nodal Centres of NMC for FDP pertaining to Basic Course Workshop or Advance Course in Medical Education or Curriculum Implementation Support Programs or implementation of AETCOM modules etc. as such incurred expenditures will be submitted by College/Institution pertaining to this parameter. This Parameter is related to MSR laid down by Medical Regulator and academic excellence category of assessment and rating criteria for Medical Colleges.

Scoring Rubrics for this parameter: - (Refer Common DCF under Parameter 5)

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ List of workshop & Conferences conducted in Past 1 Year ○ Audited Balance sheet & Expenditure statement ○ Evidence of participants & Resource person program wise
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ List of workshop & Conferences conducted in Past 1 Year ○ Audited Balance sheet & Expenditure statement ○ Evidence of participants & Resource person program wise
Level-3	If obtained value is greater than "0.50"	○ List of workshop & Conferences conducted in Past 1 Year ○ Audited Balance sheet & Expenditure statement ○ Evidence of participants & Resource person program wise

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-7: Cumulative amount spent on augmentation of resources for indoor & outdoor sports & games facilities in Pat 1 Year

Operational explanation: It has been mentioned in the NMC guidelines that there shall be the provision of indoor games, gymnasium, and playground for outdoor games and track events in the college. As per requirement of this parameter, College is required to submit incurred expenditure data pertaining to augmentation of resources for indoor and outdoor sports facilities. This parameter is pertaining to regulation laid down for Medical Colleges and satisfactory teaching learning environment as laid down by NMC for assessment and rating of Medical Colleges.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ List of consumable procured for indoor & outdoor sports facilities ○ Audited Balance sheet & Expenditure statement, stock register ○ Stock register for non-consumable equipment procured, Invoices ○ Work order & agreement regarding development of infrastructures other than mandatory requirements
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ List of consumable procured for indoor & outdoor sports facilities ○ Audited Balance sheet & Expenditure statement, stock register ○ Stock register for non-consumable equipment procured, Invoices ○ Work order & agreement regarding development of infrastructures other than mandatory requirements
Level-3	If obtained value is greater than "0.50"	○ List of consumable procured for indoor & outdoor sports facilities ○ Audited Balance sheet & Expenditure statement, stock register ○ Stock register for non-consumable equipment procured, Invoices ○ Work order & agreement regarding development of infrastructures other than mandatory requirements

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-8: Amount spent on salary for Faculty Staff in last 1 year

Operational explanation- As per UGC guidelines for Higher Education Institution pertaining to salary of Teaching and non-teaching staff, salary should be at least equivalent to same cadre of staff in concerned government run Colleges. As per requirements of this parameter, all colleges are required to submit amount spent on salary of teaching and non-teaching staff in past 1 year.

Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If the monthly gross salary given to Faculty in College is 50% less than monthly gross salary being given to same cadre in concerned government/State government run Medical Colleges	Not Applicable
Level-1	If the monthly gross salary given to Faculty staff of particular cadre in College is less than 30% of monthly gross salary being given to same cadre in State government run Medical Colleges	○ Month wise gross salary statement for each cadre of faculty staff ○ Bank statement regarding salary of staff ○ Audited Balance sheets & Expenditure statement
Level-2	If the monthly gross salary given to Faculty staff of particular cadre in College is less than 20% of monthly gross salary being given to same cadre in State government run Medical Colleges	○ Month wise gross salary statement for each cadre of faculty staff ○ Bank statement regarding salary of staff ○ Audited Balance sheets & Expenditure statement
Level-3	If the monthly gross salary given to Faculty staff of particular cadre in College is equal to monthly gross salary being given to same cadre in State government run Medical Colleges	○ Month wise gross salary statement for each cadre of faculty staff ○ Bank statement regarding salary of staff ○ Audited Balance sheets & Expenditure statement

Parameter-9: Amount spent on salary for Faculty Staff in past 1 year

Operational explanation- As per UGC guidelines for Higher Education Institution pertaining to salary of Teaching and non-teaching staff, salary should be at least equivalent to same cadre of staff in concerned government run Colleges. As per requirements of this parameter, all colleges are required to submit amount spent on salary of teaching and non-teaching staff in past 1 year.

Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If the monthly gross salary given to Faculty in College is 50% less than monthly gross salary being given to same cadre in concerned government/State government run Medical Colleges	Not Applicable
Level-1	If the monthly gross salary given to Faculty staff of particular cadre in College is less than 30% of monthly gross salary being given to same cadre in State government run Medical Colleges	○ Month wise gross salary statement for each cadre of faculty staff ○ Bank statement regarding salary of staff ○ Audited Balance sheets & Expenditure statement
Level-2	If the monthly gross salary given to Faculty staff of particular cadre in College is less than 20% of monthly gross salary being given to same cadre in State government run Medical Colleges	○ Month wise gross salary statement for each cadre of faculty staff ○ Bank statement regarding salary of staff ○ Audited Balance sheets & Expenditure statement
Level-3	If the monthly gross salary given to Faculty staff of particular cadre in College is equal to monthly gross salary being given to same cadre in State government run Medical Colleges	○ Month wise gross salary statement for each cadre of faculty staff ○ Bank statement regarding salary of staff ○ Audited Balance sheets & Expenditure statement

Parameter-10: Amount spent on consumption of Electricity (Units) in last 3 months (separately for Renewable/Green Energy & Non-Renewable)

Operational explanation- This parameter is related to consumption of electricity in units in Medical College including teaching hospital. Consumptions of Electricity may be used as proxy for patient loads and resulting into electricity consumptions into clinical departments, Laboratories, Radiology department etc.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ Electricity Bills for last 3 months & Payment Receipts
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ Electricity Bills for last 3 months & Payment Receipts
Level-3	If obtained value is greater than "0.50"	○ Electricity Bills for last 3 months & Payment Receipts

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-11: Amount spent on procurement of consumable -materials for Clinical/operative works in OT for meeting demands of Patients in last 1 year

Operational explanation- This parameter is related to amount spent on consumable materials & non-consumable equipment in Operation Theatres (OT) functioning in teaching hospital. Amount spent on consumables in OTs are indication about patient loads in hospital which is proxy for adequate clinical material for clinical training of students as per requirement of Curriculum. Further amount spent on non-consumable equipment in OTs other than mandatory requirements is indication that due to patient footfalls, medical college is taking measures for augmentation of OT resources. This parameter is related to MSR laid down by Medical Regulator for effective clinical training of students. Hence this is essential proxy parameter about availability of clinical material for rigorous clinical training.

Scoring Rubrics for this parameter: - (Refer Common DCF under Parameter 11)

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ OT wise stock register, invoices & Bills ○ AMCs for equipment purchased etc.

Level-2	If obtained value is ranging between "0.30" and "0.50"	○ OT wise stock register, invoices & Bills ○ AMCs for equipment purchased etc.
Level-3	If obtained value is greater than "0.50"	○ OT wise stock register, invoices & Bills ○ AMCs for equipment purchased etc.

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-12: Amount spent on procurement of non-consumable equipment in OT in past 1 year other than regulatory requirements

Operational explanation- This parameter is related to amount spent on consumable materials & non-consumable equipment in Operation Theatres (OT) functioning in teaching hospital. Amount spent on consumables in OTs are indication about patient loads in hospital which is proxy for adequate clinical material for clinical training of students as per requirement of Curriculum. Further amount spent on non-consumable equipment in OTs other than mandatory requirements is indication that due to patient footfalls, medical college is taking measures for augmentation of OT resources. This parameter is related to MSR laid down by Medical Regulator for effective clinical training of students. Hence this is essential proxy parameter about availability of clinical material for rigorous clinical training.

Scoring Rubrics for this parameter: - (Refer Common DCF under Parameter 11)

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ OT wise stock register, invoices & Bills ○ AMCs for equipment purchased etc.
Level-2	If obtained value is ranging between "0.30" and "0.50"	○ OT wise stock register, invoices & Bills ○ AMCs for equipment purchased etc.
Level-3	If obtained value is greater than "0.50"	○ OT wise stock register, invoices & Bills ○ AMCs for equipment purchased etc.

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

Parameter-13: Amount spent on strengthening of Safety Measures in Campus in last 1 year

Operational explanation- This parameter is related to amount spent by Medical College for strengthening safety measures in entire campus including teaching hospital. This parameter is related to MSR laid down by Medical Regulator for providing safe physical environment to all stakeholders. This parameter is further related to satisfactory physical teaching learning environment laid down as assessment and rating criteria for Medical Colleges by NMC.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If obtained value is less than "0.10"	Not Applicable
Level-1	If obtained value is ranging between "0.10" and "0.30"	○ AMCs for refilling of Fire Extinguishers ○ Evidences of expenditure related to strengthening safety measures-Biomedical Waste Management,
Level-2	If obtained value is ranging between "0.30" and "0.50"	○
Level-3	If obtained value is greater than "0.50"	○

Note: Rubrics may be changed based on findings in Pilot testing of Assessment and Rating Criteria

4.9. Criterion-9: Community Outreach Programs

Parameter-1: Number of Families adopted by students vis-à-vis NMC Guideline for Family adoption program

Operational Explanation: This parameter is related to capture number of Families adopted by student under Family adoption program as part of Curriculum of Community Medicines prescribed by Medical Regulator. The family adoption shall preferably include villages not covered under PHCs adopted by Medical Colleges.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If the students of College have not adopted any families	Not Applicable
Level-1	If at least 60% students have adopted 5 families	Evidences regarding adopted Families and their members
Level-2	If 90% students have adopted 5 families	Evidences regarding adopted Families and their members
Level-3	If 100% students have adopted 5 families	Evidences regarding adopted Families and their members

Parameter-2: Organization of Diagnostic Camps in Village of adopted families, screening & identification disease/ill-health & malnutrition

Operational Explanation: This parameter is related to capture number of Families adopted by student under Family adoption program as part of Curriculum of Community Medicines prescribed by Medical Regulator. NMC has laid down that Medical Diagnostic Camps will be organized in village wherefrom Students have adopted families. Based on diagnostic medical camp, adopted family members will go screening for identification of disease/ill-health & malnutrition.

Scoring Rubrics for this parameter: - (Refer DCF under Parameter-2)

Level	Required conditions	Supporting documents
Level-0		Not Applicable
Level-1	If diagnostic medical camp organized and screening for identification of disease/ill-health & malnutrition done for minimum 50% total families adopted by students <i>Note: Minimum adopting of 5 families essential per student</i>	○ Evidences for organization Diagnostic Medical Camp by Department of Community Medicine ○ Evidences for screening of family members and identified disease/ill-health & malnutrition
Level-2	If diagnostic medical camp organized and screening for identification of disease/ill-health & malnutrition done for minimum 70 % total families adopted by students	○ Evidences for organization Diagnostic Medical Camp by Department of Community Medicine ○ Evidences for screening of family members and identified disease/ill-health & malnutrition
Level-3	If diagnostic medical camp organized and screening for identification of disease/ill-health & malnutrition done for all 100% families adopted by students	○ Evidences for organization Diagnostic Medical Camp by Department of Community Medicine ○ Evidences for screening of family members and identified disease/ill-health & malnutrition

Parameter-3: No. of adopted family members admitted in teaching hospital and provided with subsidized treatment under government scheme/welfare scheme

Operational Explanation: Under family adoption program of NMC, family members of adopted family shall be admitted in the hospital for acute illness under care of students. Subsidized treatment charges may be provided under govt. schemes or welfare schemes.

Scoring Rubrics for this parameter: - (Refer DCF under Parameter-2)

Level	Required conditions	Supporting documents
Level-0	If no adopted family members with acute disease was admitted to teaching hospital and provided with subsidized treatment under govt. schemes	Not Applicable
Level-1	If more than 50 adopted family members with acute disease was admitted to teaching hospital and provided with subsidized treatment under govt. schemes	○ Evidences of admission of adopted family members in teaching hospital wise acute disease ○ Evidences of subsidized treatment under govt. scheme or welfare scheme
Level-2	If more than 100 adopted family members with acute disease was admitted to teaching hospital and provided with subsidized treatment under govt. schemes	○ Evidences of admission of adopted family members in teaching hospital wise acute disease ○ Evidences of subsidized treatment under govt. scheme or welfare scheme
Level-3	If more than 150 adopted family members with acute disease was admitted to teaching hospital and provided with subsidized treatment under govt. schemes	○ Evidences of admission of adopted family members in teaching hospital wise acute disease ○ Evidences of subsidized treatment under govt. scheme or welfare scheme

Parameter-4: Tangible improvement in general health of adopted family members by preventive & therapeutic health care services

Operational Explanation: Under family adoption program of NMC, after screening and identification of acute disease/ ill-health and malnutrition, Department of Community Medicine/PSM.

Scoring Rubrics for this parameter: - (Refer DCF under Parameter-2)

Level	Required conditions	Supporting documents
Level-0	If no adopted family members identified with diseases provided therapeutic cares for improvement	Not Applicable
Level-1	○ If therapeutic care provided to at least 50% family members identified with diseases ○ At least 50% family members showing	○ Evidences of therapeutic cares provided to family members identified with diseases ○ Evidences of family members showing

	improvement after therapeutic cares	improvement in health following therapeutic cares
Level-2	○ If therapeutic care provided to more than 70 % family members identified with diseases ○ At least 50% family members showing improvement after therapeutic cares	○ Evidences of therapeutic cares provided to family members identified with diseases ○ Evidences of family members showing improvement in health following therapeutic cares
Level-3	○ If therapeutic care provided to more than 90 % family members identified with diseases ○ At least 50% family members showing improvement after therapeutic cares	○ Evidences of therapeutic cares provided to family members identified with diseases ○ Evidences of family members showing improvement in health following therapeutic cares

4.10. Criterion-10: Quality Assurance System

Parameter-1: Accreditations of Laboratories by NABL or nationally recognized body

Operational Explanation: - Based on this parameter, College is required to provide information related to whether available Laboratories are accredited by NABL or any other nationally recognized accreditation body.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If no Labs are accredited by NABL or any other nationally recognized accreditation body	NABL certificate
Level-1	If anyone Lab is accredited by NABL	NABL certificate
Level-2	If more than one Lab is accredited but not all Labs are accredited	NABL certificate
Level-3	If all Labs available in Medical College are accredited	NABL certificate

Parameter-2: NABH Accreditation of parent/attached hospital

Operational Explanation: -Based on this parameter, information will be captured whether teaching hospital/parent hospital is accredited by NABH or any recognized accreditation body.

Scoring Rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If teaching hospital is not accredited with NABH	NABH certificate
Level-1	If teaching hospital is accredited with NABH but validity is expired.	NABH certificate
Level-2	If teaching hospital is accredited with entry level NABH	NABH certificate
Level-3	If teaching hospital has been granted full NABH accreditation status	NABH certificate

Parameter 3: Legal Licenses- (Availability & Validity as per NMC guidelines)

Operational Explanation: - This parameter requires capturing information pertaining to different Legal Licenses prescribed by NMC. NMC has prescribed about 54 types of Licensing required for Medical Colleges. This parameter is related to standards laid down by NMC for compliance.

Scoring rubrics for this parameter: -

Level	Required conditions	Supporting documents
Level-0	If the Medical College is not complying with any Licenses prescribed by Medical Regulator	Not Applicable
Level-1	If the Medical College is complying with minimum 40 Licenses	Certificate of each License issued from competent authority
Level-2	If the Medical College is complying with minimum 50 Licenses	Certificate of each License issued from competent authority
Level-3	If the Medical College is complying with all 54 Licenses	Certificate of each License issued from competent authority

Parameter 4: Pharmacovigilance Committee

Operational Explanation: - This is mandatory requirements for Medical Colleges to set up Pharmacovigilance Committee. This parameter aims at capturing information related to and functioning of this Committee.

Scoring rubrics for this parameter: -

Level	Required conditions	Supporting documents
-------	---------------------	----------------------

Level-0	If Pharmacovigilance Committee has not been constituted	Not Applicable
Level-1	If this committee has conducted more than 2 workshops/conferences for all Health Care providers including students	○ Evidences for conducting workshops for Health care providers ○ Evidences for conducting workshops for students
Level-2	If this committee has more than 2 identified & reported suspected cases of adverse drug reactions to INDIAN PHARMACOPOEIA COMMISSION	○ Evidence of reporting to INDIAN PHARMACOPOEIA COMMISSION
Level-3	If this committee has published minimum 2 research papers pertaining to ADRs?	○ Evidence of published research papers related to ADRs in past 1 year

4.11. Criterion-11: Feedback & Perception of Stakeholders

Parameter-1: - Feedback from sampled students

- Laboratory/Skill Lab based Facilities
- Library based Facilities
- Facilities Co-curricular & sports activities
- Hostel Facilities
- Provision of Safety Measures in Teaching Block, Hospital Block & Hostel Block
- Counselling Services & remedial sessions
- Clinical posting facilities
- Quality of teaching staff

Operational Explanation: This parameter is related to capturing feedback from students pursuing UG and PG Programs in the concerned Colleges. Anonymous online Feedback will be captured from minimum 25% sampled students from each Professional Year by each Program. Colleges will be required to upload student data in required format. Students will be required to give anonymous feedback as per requirements of this parameter. For this parameter, student will rate given facilities on 3 points scale. Online Feedback form will be circulated among students. In Feedback form, there will be few questions related to each given facilities along with criteria for guiding how to rate on 3-point scale (Extremely unsatisfactory, partially unsatisfactory & Satisfactory). Online Feedback may be collected from different set of students for each given facilities so that students will not feel that Feedback form is lengthy.

Rubrics for this Parameter: -

Areas of Feedback	Performance Level			
	Level-0	Level-1	Level-2	Level-3
Laboratory/Skill Lab based Facilities	If more than 50% students have rated Lab facilities unsatisfactory	If more than 50% students have rated Lab facilities satisfactory	If more than 75 % students have rated Lab facilities satisfactory	If more than 95 % students have rated Lab facilities satisfactory
Library based Facilities	If more than 50% students have rated Library facilities unsatisfactory	If more than 50% students have rated Library facilities satisfactory	If more than 75 % students have rated Library facilities satisfactory	If more than 95b % students have rated Library facilities satisfactory
Facilities Co-curricular & sports activities	If more than 50% students have rated facilities for Co-curricular & sports activities unsatisfactory	If more than 50% students have rated facilities for Co-curricular & sports activities satisfactory	If more than 75 % students have rated facilities for Co-curricular & sports activities satisfactory	If more than 95% students have rated facilities for Co-curricular & sports activities satisfactory
Hostel Facilities	If more than 50% students have rated Hostel facilities unsatisfactory	If more than 50% students have rated Hostel facilities satisfactory	If more than 75% students have rated Hostel facilities satisfactory	If more than 95% students have rated Hostel facilities satisfactory
Provision of Safety Measures in Teaching Block, Hospital Block & Hostel Block	If more than 50% students have rated provision of safety measures unsatisfactory	If more than 50% students have rated provision of safety measures satisfactory	If more than 75% students have rated provision of safety measures satisfactory	If more than 95% students have rated provision of safety measures satisfactory
Counselling Services & remedial sessions	If more than 50% students have rated this provision unsatisfactory	If more than 50% students have rated this provision satisfactory	If more than 75% students have rated this provision satisfactory	If more than 95% students have rated this provision satisfactory
Clinical posting facilities	If more than 50% students have rated this provision unsatisfactory	If more than 50% students have rated this provision satisfactory	If more than 75% students have rated this provision satisfactory	If more than 95% students have rated this provision satisfactory

Quality of teaching staff	If more than 50% students have rated this feedback area unsatisfactory	If more than 50% students have rated this feedback area satisfactory	If more than 75% students have rated this feedback area satisfactory	If more than 95% students have rated this feedback area satisfactory
---------------------------	--	--	--	--

Parameter-2: - Feedback from sampled Faculty: - (a)- Lab/Skill Lab based Activities (b)- Clinical postings (c)-Community Based Clinical Postings (d)- Formative & Internal Assessment

Operational Explanation: This parameter is related to capturing feedback from 25% randomly selected Faculty staff from Clinical & Non-clinical subjects/specialty. Online Feedback form will be circulated among sampled faculty staff. In Feedback form, there will few questions related to each given areas for Feedback along with criteria for guiding how to rate on 3-point scale (Extremely unsatisfactory, partially unsatisfactory & Satisfactory). Online Feedback may be collected from different set of Faculty staff for each given facilities so that Faculty staff will not feel that Feedback form is lengthy.

Rubrics for this Parameter: -

Areas of Feedback	Performance Level			
	Level-0	Level-1	Level-2	Level-3
Lab/Skill Lab based Activities	If more than 50% Faculty staff have rated unsatisfactory on the Feedback areas	If more than 50% Faculty staff have rated satisfactory on the Feedback areas	If more than 75% Faculty staff have rated satisfactory on the Feedback areas	If more than 90% Faculty staff have rated satisfactory on the Feedback areas
Clinical Postings	If more than 50% Faculty staff have rated unsatisfactory on the Feedback areas	If more than 50% Faculty staff have rated satisfactory on the Feedback areas	If more than 75% Faculty staff have rated satisfactory on the Feedback areas	If more than 90% Faculty staff have rated satisfactory on the Feedback areas
Community Based Clinical Postings	If more than 50% Faculty staff have rated unsatisfactory on the Feedback areas	If more than 50% Faculty staff have rated satisfactory on the	If more than 75% Faculty staff have rated satisfactory on the	If more than 90% Faculty staff have rated satisfactory on the

		Feedback areas	Feedback areas	Feedback areas
Formative & Internal Assessment	If more than 50% Faculty staff have rated unsatisfactory on the Feedback areas	If more than 50% Faculty staff have rated satisfactory on the Feedback areas	If more than 75% Faculty staff have rated satisfactory on the Feedback areas	If more than 90% Faculty staff have rated satisfactory on the Feedback areas

Parameter-3: Programme wise Number of enrolled Foreign students in last 3 years

DCF (Data Capture Format) & Rubrics will be developed post Pilot Testing of Framework. Whether parameter is relevant or not will be found out during pilot testing of Framework.

Parameter-4: Perception of Alumni towards quality of Institution

Operational Explanation: This parameter is related to survey perception of Alumni towards quality & reputation of concerned Colleges wherefrom they had completed UG or PG programs in Medical Education. Database of Alumni will be provided by Medical College. Perceived quality by Alumni will be captured pertaining to Faculty Staff, Clinical Posting, Lab facilities, Library Facilities & Teaching Hospital. Data for this parameter will be captured from minimum 100 alumni.

Rubrics for this Parameter: -

Areas of Feedback	Performance Level			
	Level-0	Level-1	Level-2	Level-3
Laboratory/Skill Lab based Facilities	If more than 50% alumni based on their perceived quality have rated this area unsatisfactory	If more than 50% alumni based on their perceived quality have rated this area satisfactory	If more than 75% alumni based on their perceived quality have rated this area satisfactory	If more than 95% alumni based on their perceived quality have rated this area satisfactory
Library based Facilities	If more than 50% alumni based on their perceived quality have	If more than 50% alumni based on their perceived quality have	If more than 75% alumni based on their perceived quality have	If more than 95% alumni based on their perceived quality have

	rated this area unsatisfactory	rated this area satisfactory	rated this area satisfactory	rated this area satisfactory
Clinical posting facilities	If more than 50% alumni based on their perceived quality have rated this area unsatisfactory	If more than 50% alumni based on their perceived quality have rated this area satisfactory	If more than 75% alumni based on their perceived quality have rated this area satisfactory	If more than 95% alumni based on their perceived quality have rated this area satisfactory
Quality of teaching staff	If more than 50% alumni based on their perceived quality have rated this area unsatisfactory	If more than 50% alumni based on their perceived quality have rated this area satisfactory	If more than 75% alumni based on their perceived quality have rated this area satisfactory	If more than 95% alumni based on their perceived quality have rated this area satisfactory

Parameter-5: Students' satisfaction index towards Quality of Institution

Operational Explanation: - This parameter is related to overall satisfaction index for students. Satisfaction index of the students will be estimated based on data captured under Parameter-2 under Criterion-11: Feedback and Perception of stakeholders. Based on parameter 2 of Criterion-11, average % of sampled students who have rated satisfactory on all given areas.

Rubrics for this Parameter: -

Level	Required conditions	Supporting documents
Level-0	If average percentage of satisfaction is less than 50%	Based on data captured for Parameter 2 of Criterion-11
Level-1	If average percentage of satisfaction is more than 50%	Based on data captured for Parameter 2 of Criterion-11
Level-2	If average percentage of satisfaction is more than 75%	Based on data captured for Parameter 2 of Criterion-11
Level-3	If average percentage of satisfaction is more than 90%	Based on data captured for Parameter 2 of Criterion-11

Parameter-6: Perception of District Residency Programme (DRP) Coordinator at District Level towards Quality of Medical College

Operational Explanation: As per this parameter, feedback will be collected from DRP Coordinator about the clinical & non-clinical services of Residents sent for DRP of concerned Colleges. Online Feedback form will be shared with DRP Coordinator for providing Feedback for certain key areas like about competences of Residents working in Clinical Department and competences of students working in non-clinical departments.

Rubrics for this Parameter: -

Level	Required conditions	Supporting documents
Level-0	If DRP coordinator has given less than 50% of maximum rating scores	• Based data captured for DRP Coordinator
Level-1	○ If DRP coordinator has given more than 50% of maximum rating scores	○ Based data captured for DRP Coordinator
Level-2	○ If DRP coordinator has given more than 75% of maximum rating scores	○ Based data captured for DRP Coordinator
Level-3	○ If DRP coordinator has given more than 90 % of maximum rating scores	○ Based data captured for DRP Coordinator

Parameter-7: Staff satisfaction index towards college/institution.

Operational Explanation: This parameter is related to computing satisfaction index for Faculty Staff. Key areas like Salary structure, work condition, Accommodation Facilities, Support in career advancement etc. Online Feedback form will be circulated among sampled staff. 25 % Faculty Staff and 25% non-teaching staff will be randomly selected. They will be required to rate each indicator related to given key areas on 3-point scale (Extremely Satisfactory, Partially Satisfactory & Satisfactory). Separate satisfaction index will be computed for Faculty staff and non-teaching staff.

Rubrics for this Parameter: -

Level	Required conditions	Supporting documents
Level-0	If average percentage of satisfaction is less than 50%	• Based on online data captured from sampled faculty staff & non-teaching staff
Level-1	○ If average percentage of satisfaction is more than 50%	○ Based on online data captured from sampled faculty staff & non-teaching staff

Level-2	○ If average percentage of satisfaction is more than 75%	○ Based on online data captured from sampled faculty staff & non-teaching staff
Level-3	○ If average percentage of satisfaction is more than 90%	○ Based on online data captured from sampled faculty staff & non-teaching staff