**STANDARD ASSESSMENT FORM- B**

(DEPARTMENTAL INFORMATION)

**NUCLEAR MEDICINE**

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| --- |
| *1. Kindly read the instructions mentioned in the* ***Form ‘A’****.*  *2. Write* ***N/A*** *where it is* ***Not Applicable****. Write* ***‘Not Available’****, if the facility is* ***Not Available****.* |

**A. GENERAL**:

1. Date of LoP when PG course was first Permitted: \_\_\_\_\_\_\_\_\_\_
2. Number of years since start of PG course: \_\_\_\_\_\_\_\_\_
3. Name of the Head of Department: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Number of PG Admissions (Seats): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Number of Increase of Admissions (Seats) applied for: \_\_\_\_\_\_\_\_\_
6. Total number of Units: \_\_\_\_\_\_\_\_\_\_
7. Number of beds in the Department: \_\_\_\_\_\_\_\_\_\_\_\_
8. Number of Units with beds in each unit: (Specialty applicable):

|  |  |  |  |
| --- | --- | --- | --- |
| **Unit** | **Number of Beds** | **Unit** | **Number of beds** |
| Unit-I |  | Unit-V |  |
| Unit-II |  | Unit-VI |  |
| Unit-III |  | Unit-VII |  |
| Unit-IV |  | Unit-VIII |  |

i. Details of PG inspections of the department in last five years:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Date of**  **Inspection** | **Purpose of**  **Inspection**  *(LoP for starting a course/permission for increase of seats/ Recognition of course/ Recognition of increased seats /Renewal of Recognition/Surprise /Random Inspection/ Compliance Verification inspection/other)* | **Type of Inspection (Physical/ Virtual)** | **Outcome**  *(LoP received/denied. Permission for increase of seats received/denied. Recognition of course done/denied. Recognition of increased seats done/denied /Renewal of Recognition done/denied /other)* | **No of seats Increased** | **No of seats**  **Decreased** | **Order issued on the basis of inspection**  *(Attach copy of all the order issued by NMC/MCI) as* ***Annexure*** |
|  |  |  |  |  |  |  |

j. Any other Course/observer ship (PDCC, PDF, DNB, M.Sc., PhD, FNB, etc.) permitted/ not permitted by MCI/NMC is being run by the department? If so, the details thereof:

|  |  |  |
| --- | --- | --- |
| **Name of Qualification (course)** | **Permitted/not Permitted by MCI/NMC** | **Number of Seats** |
|  | Yes/No |  |
|  | Yes/No |  |

**B. INFRASTRUCTURE OF THE DEPARTMENT:**

**a. OPD**

No of rooms: \_\_\_\_\_\_\_\_\_\_

**Area of each OPD room (add rows)**

|  |  |
| --- | --- |
|  | **Area in M2** |
| **Room 1** |  |
| **Room 2** |  |
|  |  |

Waiting area: \_\_\_\_\_\_ M2

Space and arrangements: **Adequate/ Not Adequate.**

If not adequate, give reasons/details/comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**b. Wards**

No of wards: \_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| **Parameters** | **Details** |
| Distance between two cots (in meter) |  |
| Ventilation | Adequate/Not Adequate |
| Infrastructure and facilities |  |

|  |  |
| --- | --- |
| Number of Isolation beds (minimum 2) |  |
| Number of Observation beds (minimum 4) |  |

**c. Department office details:**

|  |  |
| --- | --- |
| **Department Office** | |
| Department office | Available/not available |
| Staff (Steno /Clerk) | Available/not available |
| Computer and related office equipment | Available/not available |
| Storage space for files | Available/not available |

|  |  |
| --- | --- |
| **Office Space for Teaching Faculty/residents** | |
| Faculty | Available/not available |
| Head of the Department | Available/not available |
| Professors | Available/not available |
| Associate Professors | Available/not available |
| Assistant Professor | Available/not available |
| Senior residents rest room | Available/not available |
| PG rest room | Available/not available |

**d. Seminar room**

Space and facility: Adequate/ Not Adequate

Internet facility: Available/Not Available

Audiovisual equipment details:

**e. List of Department specific laboratories with important Equipment:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of Laboratory** | **Size in square meter** | **List of important equipment available with total numbers** | **Adequate/ Inadequate** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**f. Library facility pertaining to the Department/Specialty (Combined Departmental and Central Library data):**

|  |  |
| --- | --- |
| **Particulars** | **Details** |
| Number of Books |  |
| Total books purchased in the last three years (attach list as Annexure |  |
| Total Indian Journals available |  |
| Total Foreign Journals available |  |

Internet Facility: Yes/No

Central Library Timing: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Central Reading Room Timing: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Journal details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of Journal** | | **Indian/foreign** | **Online/offline** | **Available up to** |
|  |  | |  |  |
|  |  | |  |  |
|  |  | |  |  |

**g. Departmental Research Lab:**

|  |  |
| --- | --- |
| Space |  |
| Equipment |  |
| Research Projects Done in past 3 years |  |
| list Research projects in progress in research lab |  |

1. **Equipment:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name of Equipment** | **Must/ Preferable** | **Numbers Available** | **Functional Status** | **Comments/ Important specification in brief** | **Adequate**  **Yes/No** |
| Gamma camera |  |  |  |  |  |
| Plannar |  |  |  |  |  |
| SPECT |  |  |  |  |  |
| SPECT CT |  |  |  |  |  |
| PET / PET CT |  |  |  |  |  |
| PET / MR |  |  |  |  |  |
| Thyroid Uptake Probe |  |  |  |  |  |
| Dose Calibrator |  |  |  |  |  |
| Fume / Biohazard Hood |  |  |  |  |  |
| Contamination Monitor |  |  |  |  |  |

**C. SERVICES**

**Specialty clinics and number of patients in each, being run by the department:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Name of Clinic** | **Weekday/s** | **Timings** | **Avg No. cases** | **Clinic In-charge** |
| 1 | Nuclear Cardiovascular |  |  |  |  |
| 2 | Nuclear Neurology |  |  |  |  |
| 3 | Nuclear Nephro/Urology |  |  |  |  |
| 4 | Nuclear Hematology |  |  |  |  |
| 5 | Nuclear Endocrinology |  |  |  |  |
| 6 | Nuclear Oncology |  |  |  |  |
| 7 | Nuclear GE |  |  |  |  |
| 8 | Any other |  |  |  |  |

**D. CLINICAL MATERIAL AND INVESTIGATIVE WORKLOAD OF THE DEPARTMENT OF NUCLEAR MEDICINE:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Numbers** | | | | |
| **On the day of assessment** | **Previous day data** | **Year 1** | **Year 2** | **Year 3 (last year)** |
| 1 | 2 | - | 3 | 4 | 5 |
| Total numbers of Out-Patients |  |  |  |  |  |
| Out-Patients attendance (write **Average daily Out-Patients attendance** in column 3,4,5) \* |  |  |  |  |  |
| Total numbers of new Out-Patients |  |  |  |  |  |
| New Out Patients attendance  (write average in column 3,4,5) \* for Average daily New Out-Patients attendance |  |  |  |  |  |
| Total Admissions |  |  |  |  |  |
| Bed occupancy |  |  | X | X | X |
| Bed occupancy for the whole year above 75%. | X | X | Yes/No | Yes/No | Yes/No |
| X-rays per day (OPD + IPD). (write average of all working days in column 3, 4 and 5) |  |  |  |  |  |
| Ultrasonography per day (OPD + IPD). (write average of all working days in column 3, 4 and 5) |  |  |  |  |  |
| CT scan per day (OPD + IPD). (write average of all working days in column 3, 4 and 5) |  |  |  |  |  |
| MRI per day (OPD + IPD). (write average of all working days in column 3, 4 and 5) |  |  |  |  |  |
| Haematology workload per day (OPD + IPD). (write average of all working days in column 3, 4 and 5) |  |  |  |  |  |
| OPD Haematology workload per day. (write average of all working days in column 3, 4 and 5) |  |  |  |  |  |
| Biochemistry Workload per day (OPD + IPD). (write average of all working days in column 3, 4 and 5) |  |  |  |  |  |
| OPD Biochemistry Workload per day. (write average of all working days in column 3, 4 and 5) |  |  |  |  |  |
| Microbiology Workload per day (OPD + IPD)... (write average of all working days in column 3, 4 and 5) |  |  |  |  |  |
| OPD Microbiology Workload per day. (write average of all working days in column 3, 4 and 5) |  |  |  |  |  |
| Isolation and Observation bed occupancy |  |  |  |  |  |
| Total number of scans done |  |  |  |  |  |
| Total number of therapies |  |  |  |  |  |
| Total Deaths. \*\* |  |  |  |  |  |
| Total Blood Units Consumed including Components. |  |  |  |  |  |

\* **Average daily Out-Patients attendance** is calculated as below.

Total OPD patients of the department in the year divided by total OPD days of the department in a year

*\*\** The details of deaths sent by hospital to the Registrar of Births/Deaths

**E. MISC**.

1. **Exposure of students to Therapies / Equipment at other Centers:** Yes / No

(if yes, give details)

1. **Any Specialized service provided by the department of Nuclear Medicine:**

(Give details in space provided below)

1. **Safety Protocols for monitoring and prevention of Radiation Hazards**

* Radiation safety protocol\*: Yes / No.
* Are they strictly enforced: Yes / No.
* Institute approved Radiation Safety Committee\* Yes / No.
* Approved Radiation Safety Officer\*: Yes / No.

1. **AERB approved diagnostic lab & Therapy facilities\*:** Yes / No.
2. **LoP or Approval from BARC for Radiation Therapies:** Yes / No.

* Facilities for Diagnostic/Therapeutic Radioactive isotope work: Yes / No.   
  (Give details in the space provided)

***Note: Verify AERB & BARC certificates. Items marked with an Asterisk\* are MANDATORY requirements***

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**F. STAFF**:

**i. Unit-wise faculty and Senior Resident details:**

Unit no: \_\_\_\_\_\_\_\_

| **Sr. No.** | **Designation** | **Name** | **Joining date** | **Relieved/**  **Retired/working** | **Relieving Date/ Retirement Date** | **Attendance in days for the year/part of the year \* with percentage of total working days\*\***  **[days ( %)]** | **Phone No.** | **E-mail** | **Signature** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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1. **List of Non-teaching Staff in the department:**

*(Must include 2 technicians each for every Gamma camera and SPECT, if available)*

|  |  |  |
| --- | --- | --- |
| **Sl.** | **Designation** | **Name** |
| 1 | Medical Physicist |  |
| 2 | Technicians - 4 |  |
| 3 | Radio-pharmacist |  |
| 4 | Nursing Staff |  |
| 5 | Others |  |

**iii. Total eligible faculties and Senior Residents (fulfilling the TEQ requirement, attendance requirement and other requirements prescribed by NMC from time-to-time) available in the department:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Designation** | **Number** | **Name** | **Total number of Admission (Seats)** | **Adequate / Not Adequate for number of Admission** |
| Professor |  |  |  |  |
| Associate Professor |  |  |
| Assistant  Professor |  |  |
| Senior Resident |  |  |

**iv. P.G students presently studying in the Department:**

| **Name** | **Joining date** | **Phone No** | **E-mail** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |

**v. PG students who completed their course in the last year:**

| **Name** | **Joining date** | **Relieving Date** | **Phone no** | **E-mail** |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |

**G. ACADEMIC ACTIVITIES:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.**  **No.** | **Details** | **Number in the last**  **Year** | **Remarks**  **Adequate/ Inadequate** |
| 1. | Clinico- Pathological conference |  |  |
| 2. | Clinical Seminars |  |  |
| 3. | Journal Clubs |  |  |
| 4. | Case presentations |  |  |
| 5. | Group discussions |  |  |
| 6. | Guest lectures |  |  |
| 7. | Death Audit Meetings |  |  |
| 8. | Physician conference/ Continuing Medical Education (CME) organized. |  |  |
| 10. | Symposium |  |  |

*Note:* *For Seminars, Journal Clubs, Case presentations, Guest Lectures the details of dates, subjects, name & designations of teachers and attendance sheets to be maintained by the institution and to be produced on request by the Assessors/PGMEB.*

**Publications from the department during the past 3 years:**

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**H. EXAMINATION:**

**i. Periodic Evaluation methods (FORMATIVE ASSESSMENT):**

(Details in the space below)

**ii. Detail of the Last Summative Examination:**

1. **List of External Examiners:**

|  |  |  |
| --- | --- | --- |
| **Name** | **Designation** | **College/ Institute** |
|  |  |  |
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|  |  |  |
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1. **List of Internal Examiners:**

|  |  |
| --- | --- |
| **Name** | **Designation** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

1. **List of Students:**

|  |  |
| --- | --- |
| **Name** | **Result**  **(Pass/ Fail)** |
|  |  |
|  |  |
|  |  |

**d. Details of the Examination: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Insert video clip (5 minutes) and photographs (ten).

**I. MISCELLANEOUS:**

**i. Details of data being submitted to government authorities, if any:**

**ii. Participation in National Programs.**

**(If yes, provide details)**

**iii. Any Other Information**

1. **Please enumerate the deficiencies and write measures which are being taken to rectify those deficiencies:**

**Date: Signature of Dean with Seal Signature of HoD with Seal**

**K. REMARKS OF THE ASSESSOR**

|  |
| --- |
| *1. Please* ***DO NOT*** *repeat information already provided elsewhere in this form.*  *2. Please* ***DO NOT*** *make any recommendation regarding grant of permission/recognition.*  *3. Please* ***PROVIDE DETAILS*** *of deficiencies and irregularities like fake/ dummy faculty, fake/dummy patients, fabrication/falsification of data of clinical material, etc. if any that you have noticed/came across, during the assessment. Please attach the table of list of the patients (IP no., diagnosis and comments) available on the day of the assessment/inspection.*  *4. Please comment on the infrastructure, variety of clinical material for the all-round training of the students.* |