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राष्ट्रीय आयुर्विज्ञान आयोग

National Medical Commission

(Office of Secretary)

F.No. D-130024/07/2022/NMC/DMMP/028293

Date: 01st Aug, 2022

To

The Directors/ Principal/Deans
All the Govt. / Private Medical Colleges/
Medical Colleges of deemed universities
All States & UTs

Sub: Implementation of NIC Aadhaar Enabled Biometric Attendance System (AEBAS), Hospital Management System (HMS) in all medical colleges and Connecting CCTV feed to Command and Control Center at NMC.

Dear Madam/ Sir,

I take the opportunity to convey that National Medical Commission intends to implement Aadhaar Enabled Biometric Attendance System (AEBAS) and Hospital Management System (HMS) in all medical colleges during August, 2022. It has also been decided to install 25 cameras in each Medical College as per [NMC's advisory no NMC/DS\(NMC\)/Misc/2022-406](#) dated 27 July 2022 along with sharing of live video feed with the Command and Control Center (CCC) of the Commission during August, 2022. It is requested that Nodal officer of the medical college to be nominated to implement above IT projects immediately.

2. I. Implementation of Biometric Attendance System can be used as an effective and convenient digital solution to recording the attendance of faculties, senior residents and tutors of Medical Colleges. Therefore, NMC intends to implement the **Aadhaar Enabled Biometric Attendance System (AEBAS)** developed by the National Informatics Center (NIC) in all government and private medical colleges. The on boarding procedure of Medical Colleges to AEBAS is placed at **Annexure-I**.

II. NMC has further considered the implementation of Hospital Management System (HMS) in all Medical Colleges for patient load monitoring and other parameters at hospitals attached with Medical Colleges. E-hospital software has been developed by NIC which is already running in a large number of hospitals including major government hospitals such as AIIMS Delhi, Safdarjung Hospital, Dr. RML Hospital. Registration module facilitates registration of patients at Hospital Counter and also facilitates self-registration by patients through mobile OTP, Aadhaar, ABHA ID etc. Detailed information and on boarding procedure of Medical Colleges to HMS ([manual of on boarding procedure of E-Hospital](#)) is attached herewith for ready reference. The ICT requirement for onboarding HMS and details of empaneled agency of NICS for rollout of HMS in case of such need by medical college is given in annexure-II. For Medical Colleges who have already existing HMS, requisite details will need to be shared with through API to NMC.

3. The Commission has further desired to collect the information with regards to biometric attendance system available at the college and HMS currently available for medical college & hospitals. For this purpose, the attached Google form (<https://bit.ly/3zM1qGH>) to be filled by 04 PM on 03 Aug, 2022 without fail. Commission will be making a Whatsapp/Telegram group of deans/principals and nodal officers appointed by the MCs for FAMS (AEBAS) and HMS named 'NMC DMMP-Dean/Principals' and 'NMC DMMP-MCs Nodal Officers' for faster and better communication and coordination. It is requested to kindly do not exit that group and download Whatsapp/Telegram app on your mobiles.


4. It will be highly appreciable if the above matter is given highest priority by your institution. On behalf of the Commission, I solicit your cooperation to implement the above IT projects successfully for quality improvement of Medical Education. Joint efforts of the Medical Colleges, Departments of Medical Educations of the State/UT Governments and the Commission are imperative for smooth and effective implementation of the above mentioned systems.

5. In case you need any further information, please mail to Shri Pankaj Agrawal, Director, NMC (E-mail: director.nmc@nmc.org.in). For any technical queries you may contact Shri Tarun Kumar Goel, Senior Technical Director, NIC at (support@nmcindia.gov.in).

6. Please treat this as most important and urgent.

7. This issues with the approval of chairman, NMC.

With regards


(Dr. Sandhya Bhullar)
Secretary

Encl.: As above

Copy forwarded for necessary information and necessary action to:

1. The ACS/Principal Secretaries/Secretaries, Deptt. of Medical Education of all States/UTs - with a request to get AEBAS , HMS and CCTV implemented in all medical colleges during August, 2022
2. DME of all States/UTs - with a request to get AEBAS , HMS and CCTV implemented in all medical colleges during August, 2022
3. PPS to Hon'ble Chairman, NMC
4. PPS to Presidents/UGMEB, MARB, PGMEB
5. Shri Pankaj Agrawal, Director/NMC
6. Shri Tarun Kumar Goel, Senior Technical Director, NIC
7. Shri Sube Singh, Under Secretary, MARB

All Medical colleges are required to follow the steps to implement the Aadhar based attendance system for faculties:

1. Purchase and installation of STQC certified Aadhaar based wall mounted finger print based bio metric devices or use of existing Aadhaar based bio metric devices. Medical college may utilize the NICS I empaneled agencies for the said purpose. Copy of NICS I empaneled agencies is attached for ready reference. ([M/Myntra](#) & M/s [Precision](#)) This need to be completed by 10th August 2022.
2. Download & read online organization on boarding manual available on AEBAS portal specifically created for monitoring of attendance at portal specifically designed for such purpose by NMC. The details of which will be shared shortly.
3. Nominate Nodal Officer and Biometric Device Administrator (Bio-Admin in short)
4. Nodal officer would register Medical College on such portal with details of Medical College (organization) and Nodal officer of Medical College. Select National Medical Commission parent organization for AEBAS system.
5. Follow the steps to download, sign, stamp and upload form.
6. NMC would approve the registration of Medical College & Nodal Officer.
7. Direct all faculty to self-register on AEBAS portal under Medical College. Required documentation is available on AEBAS Portal.
8. Nodal Officer of Medical College would login on AEBAS portal to check & verify self-registered faculty/employee. Nodal officer would accept them as faculty of Medical College.
9. Nodal officer & Biometric Device Administrative (Bio-Admin) would activate the device following defined process.
10. Marking of faculty attendance to be started with any AEBAS on boarded device.
11. Nodal officer for Medical College would create other users for monitoring & other requirements.
12. Nodal Officer would monitor the attendance through large no. of reports & graphs available on AEBAS portal.
13. Medical College would take all necessary action to ensure timely compliance by 31/08/2022.

A. ICT requirement for rollout of HMS

| Initial ICT Requirements | | | |
|---------------------------------|-----------------------|--|--|
| # | Item | Qty | Remarks |
| 1 | Personal Computer | 1 for each user/counter | |
| 2 | Printer | 1 for each counter | Wherever Printing is to be done |
| 3 | Local Area Network | Assessment of points required | |
| 4 | Internet Connectivity | 2 | Dual connectivity is preferred. However 20 mpbs leased line based stable connectivity is required initially. |
| 5 | Bar Code Printers | As per requirements | |
| 6 | Bar Code Scanner | As per requirements | |
| 7 | UPS | Either Centralized or with each PC as per requirements | |

Note: 80-100 Patients per counter per hour can be served as per past experiences, therefore provision OPD counters accordingly.

B. List of details of empaneled agency of NICS I for rollout of HMS in medical college

| Region | States |
|---------------|--|
| 1 | |
| 2 | Arunanchal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura |
| 3 | A&N Islands, Andhra Pradesh, Karnataka, Kerala, Lakshadweep, Puducherry, Tamil Nadu, Telangana |
| 4 | Haryana, Himanchal Pradesh, Punjab, Chandigarh |
| 5 | |
| 6 | Chhattisgarh, Goa, Madhya Pradesh, Maharashtra |
| 7 | Gujarat, Rajasthan |
| 8 | |
| 9 | Delhi, Utrakhand, Uttar Pradesh |

| S.No. | Vendor Name | Region |
|--------------|---------------------------------------|------------------|
| 1. | Outworks Solutions Pvt. Ltd. | 4, 6 |
| 2. | Dev Information Technology Limited | 7, 9, 3, 6 |
| 3. | Prakhar Software Solutions Pvt. Ltd. | 2, 3, 6, 7, 9 |
| 4. | Luminous Infoways Pvt. Ltd. | 2, 7 |
| 5. | Pioneer E Solutions Pvt. Ltd. | 2, 3, 4, 6, 9 |
| 6. | SRIT India Pvt. Ltd. | 2, 3, 4, 6, 7, 9 |
| 7. | Silver Touch Technologies Ltd. | 7, 9 |
| 8. | Net Creative Mind Solutions Pvt. Ltd. | 4 |