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**N. K. P. Salve Institute Of Medical Sciences & Research Centre And
Lata Mangeshkar Hospital,**

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No. NKPSIMS &RC and LMH/IQAC/ 05-1 /2022

Date: 27th-28th April 2022

Academic and Administrative Audit of 2020-21



INSTITUTION VISION

- To establish NKPSIMS & RC and LMH as a globally competent and leading health education institute providing equal opportunities of becoming competent health professionals through quality medical education, promote need based research and provide comprehensive yet affordable health care service to the society, preserving ethics.

INSTITUTION MISSION

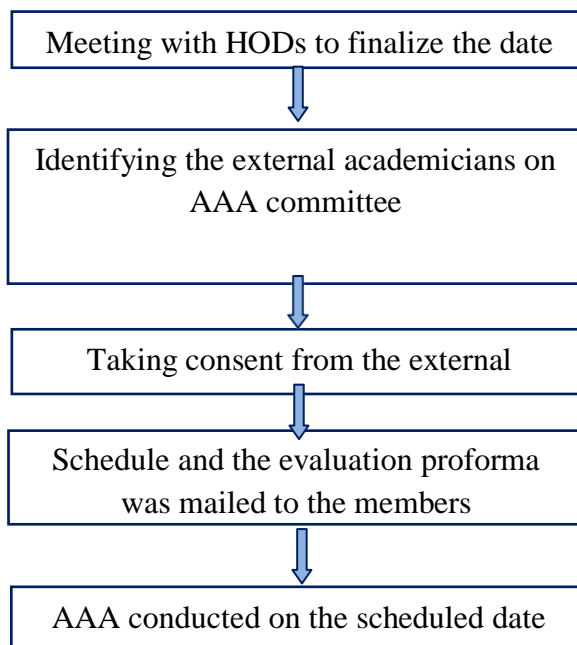
- NKPSIMS & RC and LMH, through value driven leadership, shall strive to develop confident, compassionate, and globally competitive health professional who are sensitive to the needs of the society and who will make a positive difference to lives across the globe.
- It shall rely on modern teaching technology with holistic approach to impart quality higher education using competency based, enquiry driven active learning principles to produce competent health professionals.
- It shall engage in conducting meaningful research with relevant local, national and global partnership that will foster quality health care in the community.
- It shall commit to deliver preventive, promotive and curative health care services to both rural and urban population of the society and create health awareness amongst masses through its outreach activities.

Academic and Administrative Audit (AAA)

The main objective of the audit is to review, assess, and evaluate the performance in domains of teaching-learning process, research, extra-curricular and administrative aspects pertaining to departments of the institution.

Process Involved:

The process involved for the AAA by the external members is given below.



As per the names suggested and their consent, Academic and Administrative Audit Committee for the year 2020-21 consisted of the following members:

Sr. No.	Name of the external member	Designation	Name of the Institute
1.	Dr. Ramesh Bhat	Vice Dean, Professor of Dermatology & IQAC Coordinator	Father Muller Medical College, Mangalore
2.	Dr. Tripti Waghmare	Convener NMC Nodal Centre for NFDP, Director IQAC	DMIMS(DU), Sawangi, Wardha

Schedule of Academic and Administrative Audit

Date: 27th-28th April 2022

Time	Activity	
27th April 2022		
9:00 am to 9:30 am	Breakfast	
9.30am -10.00am	Welcome and briefing by Dean Venue: Conference Hall	Welcome and briefing by Dean regarding the objective of the audit
10.00 am to 1.30pm	Visit to five departments by the members	<ol style="list-style-type: none"> 1. Meeting with the faculty members and introduction 2. Visit to the facilities in the department: Classrooms and labs, any other facilities related to advanced learning 3. Verification of the documents 4. Interaction with the faculty and technical staff after the verification process 5. Department report preparation
1.30 pm to 2.30 pm	Lunch	
2.30 pm – 4.30 pm	Visit to central facilities- Library, Skill lab, Exam Hall, IQAC Office, etc.	<ol style="list-style-type: none"> 1. Interaction with the respective heads 2. Verification of central documents
28th April 2022		
9:00 am to 9:30 am	Breakfast	
9.30 am to 1.00pm	Visit to five departments by the members	<ol style="list-style-type: none"> 1 Meeting with the faculty members and introduction 1. Visit to the facilities in the department: Classrooms and labs, any other facilities related to advanced learning 2. Verification of the documents 3. Interaction with the faculty and technical staff after the verification process 4. Department report preparation
1.00 pm to 1.30 pm	Report preparation	College report writing
1.30 pm to 2.00 pm	Lunch	Lunch
2.00 pm to 2.30 pm	Exit meeting	Exit meeting with Dean, HoDs and Criterion Chairpersons

Glimpses of AAA Committee visit:

Dean's presentation of Institute Profile



At the departments: Verification of the documents and Interaction with the faculty members



Department of Anesthesia



Department of Obstetrics & Gynecology



Department of Microbiology



Department of Orthopedics

Exit meeting



Report of AAA committee

About the Institute:

NKP Salve Institute of Medical Sciences & Research Centre and Lata Mangeshkar Hospital, Nagpur (NKPSIMS & RC and LMH) is run by Vidya Shikshan Prasarak Mandal Academy of Higher Education (VSPM AHE), a trust that came into inception in 1971. NKPSIMS & RC and LMH was established in 1990 with a commitment to health for all. The vision of the institute is to establish itself as a globally competent and leading health education institute providing equal opportunities of becoming competent health professionals through quality medical education, promote need based research and provide comprehensive yet affordable health care service to the society, preserving ethics.

The institution is spread over 68 acres of land on the periphery of the city and sits amidst open natural settings. From a single storey structure, it now annexes groups of buildings housing the varied departments. Recognized by the NMC (National Medical Commission), it

has an intake of 200 MBBS seats. It was earlier affiliated to Nagpur University, but is now affiliated to Maharashtra University of Health Sciences (MUHS), Nashik. Having started with under graduate courses it has in due time attained recognition for PG courses in almost all subjects and also M. Ch., PhD and Fellowships in certain subjects. The clinical departments are housed in the well-equipped hospital adjoining the college. The hospital is 1040 bedded and is attached to the college. During COVID pandemic, the hospital was declared as Dedicated COVID hospital by the government and has treated thousands of COVID patients.

The state-of- the-art Clinical Skills Lab is recognized by American Heart Association to undertake Basic Life Support (BLS) & Advanced Cardiovascular Life Support (ACLS) workshops, IAP recognized BLS workshops and AAFP recognized Advanced Life Support in Obstetrics (ALSO) and Basic Life Support in Obstetrics (BLSO) workshops. The institute is a NMC and MUHS approved center for conducting Faculty Development Program for institutional teachers and for faculties of health sciences respectively. It is also a MUHS recognized center for conducting Research Methodology Workshops (clinical research) for teachers across Maharashtra.

The MEU of the institute has an indexed journal, Journal of Education Technology in Health Sciences and also publishes a biannual news bulletin “Reflections” where each issue is based on a theme related to education technology. Splash is a newsletter of MEU which is published thrice a year and it covers the college activities, academic, cultural, sports, etc. During COVID-19 pandemic, webinars were organized for the teachers, training them on online teaching-learning methodologies and Online Assessment.

The Institute continues to strive towards success due to implementation of Quality Assurance initiatives practiced at the institution. The Institute has a vibrant Internal Quality

Assurance Cell (IQAC) that monitors academic activities in the campus. A formal feedback system from all stakeholders is a part of the institutional system for continuous improvement. The result of all quality initiatives are visible through the achievement of accreditations by various accreditation agencies like NABH, NABL, NAAC, FSSAI and EQAS in certain departments.

The campus is eco-friendly. It produces 1600kw of Solar Power, which takes care of the major electricity requirements of the campus. It has a Phyteriod based Sewage Treatment Plant (STP) and Effluent Treatment Plant (ETP), which recycles lakhs of liters of water every day, which is used for gardening, construction and other purposes. The campus has lush green vegetation all around and it has an aesthetically designed green amphitheater. All buildings are fire safety compliant.

As a part of accreditation of the college through NAAC it has initiated AAA (Academic and Administrative Audit). The team visited the college on 27th April and 28th April, 2022 and was welcomed by the Dean and IQAC Coordinator.

The Dean and IQAC Coordinator made a presentation on the development of the college over the past three decades and significant academic and administrative developments work presented in the discussion with the team. The institution has also received accreditation by NABH. The team visited the infrastructure available and interacted with various departments.

General Information

Name & Address of the College		N.K.P. Salve Institute of Medical Sciences & Research Centre and Lata Mangeshkar Hospital, Digdoh Hills, Hingna Road, Nagpur 440 019
Name of the Dean of the College, along with Tel. No. and e-mail ID		Dr. Kajal Mitra Ph.No.: 07104-665000 Email : nkpsims1@rediffmail.com
Departments and Program offered		
S. No.	Title of the Program offered	Department
1	UG	Anatomy, Physiology, Biochemistry, Pathology, Pharmacology, Microbiology, Forensic Medicine, Community Medicine, Otorhinolaryngology, Ophthalmology, General Medicine, Paediatrics, Dermatology, Respiratory Medicine, Psychiatry, Radiology, Anaesthesiology, General Surgery, Orthopaedics, Obstetrics & Gynaecology
2	PG	Anatomy, Physiology, Biochemistry, Pathology, Pharmacology, Microbiology, Community Medicine, Otorhinolaryngology, Ophthalmology, General Medicine, Paediatrics, Dermatology, Respiratory Medicine, Psychiatry, Radiology, Anaesthesiology, General Surgery, Orthopaedics, Obstetrics & Gynaecology
3	Ph. D.	Physiology, Medical Biochemistry, Pathology, Community Medicine, Otorhinolaryngology, Paediatrics, Respiratory Medicine, General Surgery, Obstetrics & Gynaecology
4	M Ch	Plastic Surgery
5	Fellowship	Ophthalmology
Details of Accreditation:		<ol style="list-style-type: none"> 1. NAAC Accreditation: Grade B, 10th August 2021 2. NABH: 27th July 2019 to 26th July 2021 3. NABL of virology laboratory: 20th January 2021 to 19th January 2023

Based on the close scrutiny of the reports of IQAC and academic departments the SWOC of the college is submitted for consideration by this committee.

Strengths:

1. An appropriate Geographical location of the campus having proximity to both rural and urban population alike.
2. A progressive vision with matching state of art infrastructure, sprawling 68 acres of land, self-sufficient campus with modern amenities for teaching learning and health care facilities. Recently, a new Library Complex and state-of-the-art Gymnasium has been constructed. The institution is also planning to develop a new Super Specialty Wing of the Medical College.
3. A simulation and skill center has been created and upgraded recently. This center is accredited by American Heart Association and regularly conducts BLS and ACLS courses students and staff.
4. A strong academic culture with student centric, technology integrated, outcome oriented, community based teaching methodologies aligned to the competency based medical education
5. The Institute has an endowment of an 'International Chair in Bioethics (ICB)' by Bioethics Unit, Haifa.
6. The institution has two indexed journals i.e. Panacea Journal of Medical Sciences (Medical Journal) and Journal of Education Technology in Health Sciences (The journal related to Medical Education Technology).
7. PhD Research has been established in 9 subjects. Nearly 450 research papers and

18 chapters have been contributed over the 5 years. A new Research Cell has been established to streamline various related activities.

8. New oxygen plant has been commissioned in view of the COVID pandemic.
9. There are ICT enabled classrooms with capacity to accommodate 300 students.
10. ERP software has been introduced for a better e-governance system. HMIS is implemented in the hospital.
11. There is a vibrant, registered alumni cell with prominent alumni engagement activities, adequately managed through almashine app.
12. Green initiatives like utilization of solar energy has been undertaken.
13. There are senior and experienced teaching and non-teaching faculty with low attrition rate

Weakness:

1. Less organized perspective developmental plan of the Institute with vague measurables.
2. Weak Research culture-Research output though quantitatively shows increase, needs priority attention in quality improvement with publication in UGC recognized journals.
3. There is lack of external funding in research and research collaboration. The institution should also consider funding through intramural grants.
4. Sparse orientation towards generation of IPRs, particularly incubation and patenting of ideas.
5. Sporadic active collaborations at National and International level.
6. Delayed Career advancements

Opportunities:

1. Expansion of the existing academic programs and the introduction of new value added courses to enhance skill and professional development.
2. Adopt research mentoring strategies with focus on faculty training, research projects, and publications.
3. External and internal funding for research in various departments.
4. Just as a few departments have initiated collaborations with other universities/ colleges, the institute should strive for more such Interdisciplinary, interdepartmental and inter-institutional collaborations for research and generation of IPRs.
5. Enhanced alumni participation in academic and extracurricular activities.
Alumni contribution towards infrastructure developments of the institution.
6. Focus on academic and research partnerships through meaningful collaborations.
7. Explore opportunities of student participation in curricular, co-curricular and extra-curricular events Nationally and Internationally.
8. Explore funding opportunities in research and clinical trials.
9. Undertake 'Training need assessment' of faculty and systematically ensure continuous professional development and additional qualification of in house faculty.
10. Appoint few renowned 'Visiting/ Adjunct' faculty and expand the ambit of operations.

Challenges:

1. Being affiliating college, no academic freedom to design new program or innovations in curriculum.
2. A significant proportion of faculty is senior and less flexible to emerging role of technology in education.
3. Inability to permit students from outside the state as per admission norms.
4. Development of perspective plan and mapping for the future.
5. Student mentoring strategies to be enhanced.
6. Research facilities and orientation of the faculty towards research has to be developed.

7. Collaborative academic and research activity with various institutions can be considered.

8. To maintain high standard of medical education in view of the increasing medical colleges.

The team observed good academic dynamism and faculty involvement in various activities of the college. The IQAC is working like an anchoring agency and the college management may consider further strengthening of the IQAC.

Based on overall analysis the following suggestions are suggested for consideration of the Institute:

- Prepare a Perspective Development Plan of the Institute with regular updates as per emerging areas in Higher Education.
- The IQAC must establish robust periodic review mechanisms to ensure timely progression as per PDP and suggest interim corrections.
- Enrich and update curriculum with various emerging global health problems.
- Improve curricular planning, academic flexibility and implementation.
- Focus on multidisciplinary, inter-departmental academic and research activities.
- Increase value added courses and newer post graduate and superspeciality courses (MCh and DM).
- Introduce academic programs in allied health sciences (Ophthalmic Technology, Imaging technology, Lab technology, Anaesthesia and OT technology, Radiotherapy technology).
- Strengthen structured feedback system to engage all stake holders with appropriate blend of technology.
- Upgrade IT infrastructure including enhanced bandwidth (suggestion for 500 mbps to 1 GB level).
- Initiate local language classes for students from other states and countries. Classes on human sciences and Indian constitution can be considered.

- Enhance ICT facilities including 3D classrooms. A dedicated media room can be established.
- Thoughtfully introduce few more teaching and non-teaching staff welfare schemes. Consider faculty support in the form of various security schemes, research incentives, publication incentives, health insurance, family support, health insurance facility after retirement etc.
- Organize faculty development workshops/ CPD among all disciplines by suitable need assessment.
- Encourage teachers to develop e-content and deliver e-lectures. The innovative teaching methods initiated during COVID times can be continued with a structured approach and suitable modifications.
- Sensitize students and alumni about the importance of their feedback
- Enhance extramural funding from reputed agencies like ICMR, DST, DBT, NGOs, Industries for research projects.
- Analyze the number of research publication, Books and chapters with the impetus on publication in Scopus, web of science, PubMed indexed journals with high impact factor.
- Focus on collaborative activities with substantial number of MoUs (National and International).
- Establish carrier guidance cell to prepare for competitive examination (PG NEET and Superspeciality NEET) and placement opportunities.
- Strengthen alumni participation in the all-round development of the institution.
- Make the college and skill laboratory buildings, and hostels more Divyangjan friendly
- Make Student cell/council more active by encouraging student participation at National and International level.
- Train Clinicians and Postgraduate students in Evidence Based Medicine.
- Prepare **Annual calendar** of activities that include FDPs, CPD,

Scientific events, workshops, commemorative days, holidays, etc. and **Annual report** of the Institute at the end of Academic year.


Signature of the Audit Committee Members: 1. Dr. Ramesh Bhat:



2. Dr. Trupti Waghmare:




Signature of IQAC Director:



Director, IQAC
NKPSIMS & RC and LMH, Nagpur.

Signature of Dean:



DEAN
N.K.P. Salve Institute
Of Med. Sciences & RC
and LMH, NAGPUR