

Report
on
Institute of Nano Medical Sciences
(INMS)
Under
Ordinance XX(...)



University of Delhi
Delhi 110 007

UNIVERSITY OF DELHI

Ordinance XX (..) INSTITUTE OF NANO MEDICAL SCIENCES (INMS)

In response to Executive Council of the University vide its Resolution No. 48 dated 17.12.2021 (Ref. Estab.II(i)/010/INMS/2021 dt. 28.12.2021) the proposal for establishment of Institute of Nano Medical Sciences (INMS) under ordinance (XX) of the Ordinances of the University of Delhi and constituted the following committee to consider the proposal.

(i)	Director, South Campus	Chairman
(ii)	Dean, Faculty of Science	Member
(iii)	Dean, Faculty of Technology	Member
(iv)	Prof. Savita Roy, Member EC	Member
(v)	Prof Anita Verma, Kirori Mal College	Member

TOR: *To considered the proposal for establishment of Institute of Nano Medical Sciences (INMS) under Ordinance (XX) of the Ordinances of the University of Delhi*

The committee deliberated on the said issue in three meetings dated Jan 5th 2022 online, Jan 22nd 2022 online and on March 19th 2022 in hybrid mode to consider the proposal for the Institute of Nano Medical Science (INMS) under Ordinance (XX) of University of Delhi. The committee unanimously resolved and submit as under:

There shall be an Institute of Nano Medical Sciences, in the University of Delhi with the following objectives:

To develop precision nanomedicine with novel evolutionary nanomaterials designed to exhibit desired characteristics at specifically given time and location for biological and medical applications with precision. It would be involved in development of various evolutionary nanomaterials, and related nanodevices and nanotools for precision nanoimaging and sensing of biological systems and for controlling the functions at cellular level

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1. To develop evolutionary nanodrugs and to develop advanced nanobiomaterial that undergoes 'systematic evolution process' under specific biological stimuli which transforms nanomaterials into new states with different physico-chemical characteristics.
2. To develop an improved understanding and observation of phenomena occurring at nano-bio interface. Observation of complex biological events at molecular scale with the evolutionary nanomaterials and nano-bio devices. Understanding Nano-bio interfacial behaviors and controlling/directing the cell signals and metabolisms at *in vitro* and *in vivo* level.
3. Precision nanomedicine nano-bio devices based on evolutionary nanomaterials for controlling and elucidating biological processes at cellular level to enhance current diagnosis and therapeutics with precision.
4. To study the nano medicine, cell biology, drug targeting, develop medicine in nano-structural forms and study their advantages and disadvantages over conventional medicine.
5. To develop nanomedicine with the help of interdisciplinary support across departments in University of Delhi like, Department of Medicine, Chemistry, Physics, Botany, Microbiology, Bio Chemistry, Zoology etc. along with national and international collaborations.
6. To organize workshops, seminars, conferences, symposia, training etc, in relevant areas, at both national and international level.
7. To secure funding from national and international organizations in the areas of nano medical sciences.
8. To provide a platform for communication and education by offering Ph.D. degree eventually, and to offer such other degrees, diplomas or certificates as decided by the Governing Body and approval by the Executive Council.

- 1.1 There shall be **participating departments from Univ. of Delhi** to INMS viz. Dept of Medicine, Biochemistry, Microbiology, Zoology, ACBR, Chemistry, Physics, Botany and such other departments as decided from time to time. These shall participate in the research and teaching activities of INMS through extending their academic resources.

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2. Governing Structure

The governance of the Institute of Nano Medical Sciences shall be carried out through the following bodies under the overall control and supervision of the Executive Council of the University.

2.1. Governing Body

2.2. Advisory Council

2.1.1. Constitution of the Governing Body

Subject to the general control and supervision of the Executive Council, and in accordance with the Statutes and Ordinances of the University, the INMS shall have a Governing Body. The composition of the Governing Body shall be as follows

1. Chairperson (Vice-Chancellor or his nominee)
2. Pro-Vice-Chancellor (Ex-Officio)
3. Director, South Campus (Ex-Officio)
4. Dean, of Colleges (Ex-Officio)
5. Dean Faculty of Science (Ex-Officio)
6. Three expert members (Outside University of Delhi) to be nominated by the Vice-Chancellor
7. Two Heads of the Departments on rotation basis from the Department of Chemistry, Biochemistry, Microbiology, Zoology, ACBR, Physics, Botany.
8. Dean, Faculty of Medical Sciences (Ex Officio)
9. Head, Department of Medicine, University College of Medical Sciences, University of Delhi
10. Director, Institute of Nano Medical Sciences, Member Secretary (Ex Officio)
11. Registrar (Ex Officio)
12. Finance Officer (Ex Officio)

2.1.2. The Term

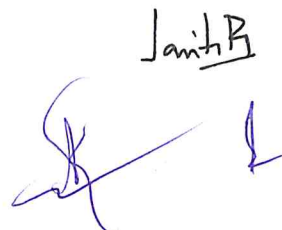
Except for the ex-officio members, all other members of the Governing Body shall have a term of three years. The Governing Body shall meet at least twice in the academic year. The quorum in the meetings of the Governing body shall be 50% of the total membership.

2.1.3. Functions of the Governing Body

The Governing Body shall exercise the following powers and functions, subject to the general control and supervision of the Executive Council, and in accordance with the Statutes and Ordinances of the University.

1. To Chart out the programme and activities of Institute of Nano Medical Sciences and expand and/or review activities of the Institute.
2. Identify and appoint faculty on deputation from various departments/colleges and research Institutions from within the University and outside the University. Appoint visiting faculty on contract basis, visiting fellow and/or guest faculty.
3. Prepare the Budget of financial requirements of INMS and monitor the progress made by it.
4. Consider and approve the Annual Accounts along with the Audit Report.
5. Approve proposals for generation of funds for the programmes undertaken by the

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6. Make such rules as it may consider necessary for the regulation and smooth functioning of the Institute from time to time.
7. Regarding appointment, suspension or termination of the services of administrative, academic and non-academic staff of the Institute and to determine the emoluments and conditions of service, University rules will be applicable.
8. To appoint or terminate the services of the non-academic staff on contract basis on the recommendation of the Director in order to improve the efficiency of the Institute
9. To determine the infrastructure requirements, including space.
10. To consider the recommendation of the advisory council.
11. To consider any matter related to the institute and to ensure its growth and development.

2.2.1. Constitution of the Advisory Council

There shall be an Advisory Council to be nominated by the Vice-Chancellor for a period of 3 years and will be composed of:

- (i) Chairperson to be appointed by the Vice-Chancellor.
- (ii) Director, Institute of Nano Medical Sciences (ex-officio)– Member Secretary
- (iii) There shall be a maximum of 8 expert members to be nominated by the Vice-Chancellor among the participating Departments viz. Dept. of Medicine, Chemistry, Biochemistry, Microbiology, Zoology, ACBR, Physics, Botany and such other departments as decided from time to time.
- (iv) There shall be a maximum of three expert members to be nominated by the Vice Chancellor from outside the university.

2.2.2. The Term

Except for ex-officio members, all other members of the Advisory Council shall have a term of three years. The Advisory Council shall meet at least twice in one academic year. The quorum in such meetings shall be 50% of the total membership.

2.2.3. Functions of the Advisory Council

The function of the Advisory Council will be to give suggestions for meaningful accomplishment of the objectives of the INMS and to engage with the progress of the ongoing programmes from time to time.

3. Office Bearers

3.1. The Director

- (i) There shall be a Director with high academic credentials who should be a Professor. The Director should have notable contribution in the field of Nano Medical Science which can be reflected from his/her publications and outreach activities. The Director shall be appointed by the Vice Chancellor from amongst the Professors in the constituents and participating departments of the University for a **period of three years or till he/she attains the age of 65 whichever is**

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- (ii) The Vice Chancellor will appoint the Director and report the same to the Executive Council.
- (iii) He/She shall hold the position of Director in addition to her/his regular duties at his/her parent Department/Institution. The Director may be appointed on deputation also.
- (iv) The Director shall function under the overall control of the Governing Body. He/She will be responsible for the management and administration of the Institute in accordance with the Act, the Statutes, the Ordinances, the rules and regulations of the University.
- (v) The Director shall act as:
 - Member Secretary of the Governing Body;
 - Member Secretary of the Advisory Council
- (vi) The Director shall be authorized to maintain and operate an Imprest Account for meeting day to day expenditure of the Institute.
- (vii) In the absence of the Director, the Joint Director shall perform all such functions and responsibilities which are vested with the Director under the Ordinance.

3.2. Joint Director

- (i) There shall be a Joint Director with distinguished credentials in the field of Nano Medical Science and related fields appointed by the Vice Chancellor.
- (ii) He/She shall hold the position of Joint Director in addition to her/his regular duties at his/her participating Department/Institution/College.
- (iii) Joint Director shall be in a rank of Professor and can serve till he/she attains the age of 65 years.
- (iv) The term of the Joint Director shall be up to three years which may be extended by the Vice Chancellor.
- (v) In the absence of the Director, the Joint Director shall perform all such functions and discharge all such responsibilities which are vested with the Director under the ordinance.

4. Faculty members: Visiting Professors/Adjunct Professors/Fellows /Distinguished Professors/Associated Faculty /Junior/Senior/Post-doctoralFellows etc.

The INMS shall have Faculty Members appointed as per **the general rules of the University**. The INMS shall also have Visiting Faculty/Fellows/Post-doctoral Fellows, and Research Associates.

- (i) Core Faculty members can be appointed on direct recruitment basis whenever the regular posts are created in a manner as prescribed.
- (ii) **Visiting and Adjunct Professors/ Fellows/Faculty:**
 - a) Scholars who have made notable contributions in the field of Nano Medical Science and the allied fields or those who have the research and teaching experience in the same may be appointed as Adjunct Professors/ Visiting Fellows/Visiting Faculty by the Director with the approval of the Governing Body of INMS.
 - b) They may be appointed for a period of two years. In exceptional circumstances, the duration may be extended to a maximum period of five years on yearly

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renewal basis, based on the performance criteria as prescribed.

(iii) **Distinguished Professors and Professor of Emeritus:**

Eminent experts in the field of Nano Medical Sciences and allied field can be appointed as Distinguished Professors and Professor of Emeritus by the Director with the approval of the Governing Body of INMS.

(iv) **Associated Faculties:**

Faculty members working in University Participating Departments and constituents units can be appointed as Associate Faculty to carry out research and teaching in INMS for a specific project for a specific period by the Director with the approval of the Governing Body of INMS.

(v) **Junior/Senior/Post-doctoral Fellows etc.**

Junior Research Fellows (JRF), Senior Research Fellows (SRF) Research Associates/Scientists/Fellows of UGC/CSIR/DBT/DST/DRDO/ICMR and post-Doctoral Fellows from any other funding agencies having their own Fellowships can join INMS till the tenure of their Fellowships.

5. Finances

- (i) The Institute has to earn its financial support from Govt. Funding Agencies and National/international collaborators/industries, as per the requirements.
- (ii) The INMS can also raise resources through Projects/Donations/Philanthropy etc.
- (iii) All expenditures of INMS such as on the conduct of research/teaching/outreach, seminars, research projects, publications, administration and other support activities shall be made as per the rules and regulations of the University of Delhi.
- (iv) All financial operations shall be conducted according to the GFR and the rules and regulations of the University of Delhi.

6. Space

- (i) Institute will initiate its administration and research activities from Faculty of Medical Science. **The regulatory and Ethical Clearances are available with the Faculty.**

7. Intellectual Property Rights;

- (i) Any patent or technology developed by INMS will be administered as per the rules of the University of Delhi.

8. Audit

- (i) The accounts of the INMS shall, once in every year, at intervals of not more than fifteen months, be audited by the University Audit Section.
- (ii) The accounts when audited, a copy of the accounts together with the audit report shall be reported by the Director to the Governing Body of the INMS.

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General Conditions:

- (1) Subject to the provisions of the Act and Statues and these Ordinances, the issues not covered in these ordinances or in the event of differences of interpretation, the Vice Chancellor may take a decision, after obtaining the opinion of a committee consisting of any or all the Deans of the University. The decision of the Vice Chancellor shall be final.
- (2) in special circumstances, the Vice Chancellor may, on behalf of the Executive Council, approve amendment, modification, insertion or deletion of any ordinance(s), which in his opinion is necessary or expedient for the smooth running of a program, provided that all such changes shall be reported to the Executive Council in its next meeting for ratification.
- (3) No financial and/or administrative responsibility in INMS will be given to any person above 65 years of age.


19/03/2022

Dean, Faculty of Science
Prof. Ashok K. Prasad


19/03/2022
Dean Faculty of Technology
Prof. K. S. Rao



Prof. Savita Roy,
Member EC



Prof. Anita Verma,
Kirori Mal College


19/03/22

Director, South Campus
Prof. Shri Prakash Singh