

अखिल भारतीय आयुर्विज्ञान संस्थान नागपुर
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, NAGPUR



Minutes of Meeting

4th Meeting of Academic Committee, AIIMS Nagpur by Video Conference



Date: 10 January 2023

Time: 11:00 Hours

Venue: Conference Room, Director Secretariat, AIIMS Nagpur



ALL INDIA INSTITUTE OF MEDICAL SCIENCES, AIIMS, NAGPUR.

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Minutes of 4th meeting of the Academic Committee of AIIMS, Nagpur held on 10th January 2023 by Video Conferencing.

4th meeting of the Academic Committee of AIIMS, Nagpur was held on 10th January 2023 by Video Conferencing.

The Meeting was attended by

- | | |
|-----------------------------|------------------|
| 1. Dr. Vir Singh Negi | Chairman |
| 2. Dr. D. S. Rana | Member |
| 4. Dr. Shashi Kant | Member |
| 5. Prof. Subhasis Chaudhari | Member |
| 6. Maj Gen (Dr) Vibha Dutta | Member Secretary |

Dr. Rajendra A Badwe, Vice- Chairman was unable to attend the meeting.

It was noted that quorum was complete.

Maj Gen (Dr) Vibha Dutta, Director, AIIMS, Nagpur & Member Secretary of the Academic Committee welcomed Dr. Vir Singh Negi, Chairman of Academic Committee of AIIMS Nagpur.

The Chairman, called the meeting to order. The Chairman requested the Member Secretary to introduce the agenda and initiate discussion for threadbare deliberations on the agenda items.

Welcome by Director, AIIMS, Nagpur.

Maj Gen (Dr) Vibha Dutta, Director, AIIMS, Nagpur & Member Secretary of the Academic Committee welcomed the members of Academic Committee of AIIMS Nagpur.

The Member Secretary introduced the agenda and thereafter presentation was made by Dr. Mrunal Phatak, Dean (Academics) to the Academic Committee.

(Maj Gen (Dr.) Vibha Dutta, SM)
Member Secretary,
Academic Committee,
AIIMS, Nagpur

(Dr. Vir Singh Negi)
Chairman,
Academic Committee,
AIIMS, Nagpur

Director & CEO
All India Institute of Medical Sciences
Nagpur

Address by the Chairman of Academic Committee of AIIMS, Nagpur

The Chairman of Academic Committee of AIIMS, Nagpur Dr. Vir Singh Negi, Executive Director, Bilaspur addressed the members. He greeted all the members of the Academic Committee.



(Maj Gen (Dr.) Vibha Dutta, SM)
Member Secretary,
Academic Committee,
AIIMS, Nagpur.



(Dr. Vir Singh Negi)
Chairman,
Academic Committee,
AIIMS, Nagpur.

Director & CEO
All India Institute of Medical Sciences
Nagpur

Ratification of minutes of 3rd meeting of Academic Committee

The approved minutes of the 3rd meeting of Academic Committee held on 04 Feb. 2022 were circulated to all members.

Resolution: Approved.

Action taken report on the recommendations of 3rd Meeting of the Academic Committee

The Action taken report on the recommendations of 3rd Meeting of the Academic Committee of AIIMS Nagpur was presented which was noted.

Resolution: Approved.



(Maj Gen (Dr.) Vibha Dutta, SM)
Member Secretary,
Academic Committee,
AIIMS, Nagpur.



(Dr. Vir Singh Negi)
Chairman,
Academic Committee,
AIIMS, Nagpur.

Director & CEO
All India Institute of Medical Sciences
Nagpur

Agenda Item no. AC-04/01: Starting Superspeciality (DM) programme in Nephrology & Neonatology and Superspeciality (MCh) programme in Pediatric Surgery & Neurosurgery at AIIMS Nagpur.

1. The committee accepted the proposal to start Superspeciality (DM) programme in Nephrology & Neonatology and Superspeciality (MCh) programme in Pediatric Surgery & Neurosurgery subjects as adequate facilities are available.
2. It was suggested by the committee to increase the number of seats to 2 or 3 seats per term per subject.

Resolution: Approved.

Agenda Item no. AC-04/02: Starting Postgraduate (MD) programme in Family Medicine at AIIMS Nagpur.

Resolution: As this is not yet approved by CIB hence this was put on hold till CIB approval.

Agenda Item no. AC-04/03: Starting Postgraduate programme in Medical Dental Surgery (MDS) at AIIMS Nagpur.


1. The committee accepted the proposal to start postgraduate (MDS) programme in Medical Dental Surgery subject as adequate facilities are available.
2. One seat per term was approved for the above subject.


Resolution: Approved.

Agenda Item no. AC-04/04: Change of duration of Postgraduate MSc Course at AIIMS Nagpur

1. MSc course duration for Medical Physiology, Medical Biochemistry, Medical Pharmacology subjects was 3 years which was approved in 3rd Academic Committee Meeting but all other AIIMS (including AIIMS New Delhi) have 2 years duration for MSc course. Hence the 3-year duration of MSc course at AIIMS Nagpur is to be changed to 2-year duration in line with other AIIMS.

Resolution: Approved.


(Maj Gen (Dr.) Vibha Dutta, SM)
Member Secretary,
Academic Committee,
AIIMS, Nagpur.


(Dr. Vir Singh Negi)
Chairman,
Academic Committee,
AIIMS, Nagpur.

Agenda Item no. AC-04/05: SOP of Examination for B.Sc (Nursing) & B.Sc. (Paramedical) course.

Resolution: Approved.

Agenda Item no. AC-04/06: SOP Examination for Post Graduate course.

Resolution: Approved.

Agenda Item no. AC-04/07: Addition in SOPs of MBBS Course Examination at AIIMS Nagpur

The pattern for conduct of supplementary examination for MBBS 1st, 2nd, 3rd year was proposed for revision in order to minimize the loss to the students.

Resolution: Approved.

Agenda Item no. AC-04/08: Approval of duration of Internship & Logbook for record of Internship with effect from MBBS 2018 Batch at AIIMS Nagpur

Resolution: Approved.

Agenda Item no. AC-04/09: Proposal to Start Short-Term observership upto a period of six months and Long-Term observer ship for a maximum period of two years in various departments at AIIMS Nagpur

Resolution: Approved with suggestion to forward the proposal to SFC & GB.

Agenda Item no. AC-04/10: Amount to be paid for obtaining Duplicate Degree / Marksheet

Resolution: Approved an amount of Rs.1000 (Rupees one thousand only) per copy to be deposited by the student wanting duplicate degree or marksheet.

It was suggested to keep same charge for verification of documents.

Agenda Item no. AC-04/11: Any other matter with the permission of the Chair.

(Maj Gen (Dr.) Vibha Dutta, SM)
Member Secretary,
Academic Committee,
AIIMS, Nagpur.

(Dr. Vir Singh Negi)
Chairman,
Academic Committee,
AIIMS, Nagpur.

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THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 435

PROBLEM SET 1

1998

1. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2$.

(a) Find the energy levels E_n and the corresponding wave functions $\psi_n(x)$.

(b) Calculate the expectation value of the position $\langle x \rangle$ for the state $n=1$.

2. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4$.

(a) Find the energy levels E_n to first order in b .

(b) Calculate the expectation value of the position $\langle x \rangle$ for the state $n=1$ to first order in b .

3. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4 + \frac{1}{6}cx^6$.

(a) Find the energy levels E_n to second order in b and first order in c .

(b) Calculate the expectation value of the position $\langle x \rangle$ for the state $n=1$ to second order in b and first order in c .

4. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4 + \frac{1}{6}cx^6 + \frac{1}{8}dx^8$.

(a) Find the energy levels E_n to third order in b , second order in c , and first order in d .

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PROBLEM SET 1
1998

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