

National Academy of Medical Science

Mahabaudh Kathmandu

चिकित्सा बिज्ञान राष्ट्रिय प्रतिष्ठान

देशलाइ उच्च मानव संसाधनको आवश्यक भए अनुरूप बि सं २०५३ सालदेखि त्रिभुवान बिश्वबिद्यालय अन्तर्गत चिकित्सा शास्त्र अध्ययन संस्था र बीर अस्पतालको संयुक्त कार्यमा उपत्यका भित्रका अस्पतालहरुमा समुहकृत अभ्यास गर्ने गरी PGMECC(Post graduate Medical education coordination committee) को जन्म भै देशमा चिकित्सा बिज्ञानको उच्च शिक्षाको प्रारम्भ भएको थियो। बि सं २०५८ सालदेखि त्रिभुवान बिश्वबिद्यालयले चिकित्सा शास्त्रको उच्च शिक्षा चिकित्सा शास्त्र अध्ययन संस्था महाराजगंजमा आफै संचालन गरियो भने बीर अस्पताल तथा नेपाल सरकारको केन्द्रिय अस्पतालको समुहकृत अबधारणा (CONSORTIUM CONCEPT) मा चिकित्सा बिज्ञान राष्ट्रिय प्रतिष्ठानको जन्म भै २०५८ सालदेखि कार्य आरम्भ गरियो र २०५९ साल देखि बिद्यार्थीहरु भर्ना कार्य शुरु गरिएको थियो। २०६३ सालमा अध्यादेशद्वारा चिकित्सा बिज्ञान राष्ट्रिय प्रतिष्ठान ऐन लागु गरि पुर्ण संचालन भयो। यस प्रतिष्ठानले बार्षिक औषद ७० जना बिद्यार्थीहरु उत्पादन गरी हाल सम्मा करोब १००० बिशेषज्ञ चिकित्सकहरु उत्पादन गरि सकेका छन। जस मध्य ७०% भन्दा बढी नेपाल सरकार स्वास्थ्य तथा जनसंख्या मन्त्रालयका तथा नेपाल सरकारद्वारा संचालित संस्था जस्तै प्रहरी, आर्मी तथा अन्य प्रतिष्ठान आदिका छन। यस चिकित्सा बिज्ञान राष्ट्रिय प्रतिष्ठानले नेपाल सरकारको योजना अनुरूप सरकारी चिकित्सकहरुलाइ पहिलो प्राथमिकता दिदै आए अनुरूप नेपाल सरकारको मानव संसाधन बिकाशमा दक्ष जनशक्ती बिकाशमा प्रत्यक्ष टेवा दिदै आइरहेको छ। MD/MS तथा DM M.Ch कोर्स बाहेक नेपाल सरकारको निर्देशन अनुसार सरकारलाइ आवश्यक जनशक्ती जस्तै Diploma in Gyn/Obs, Anesthetic Assistant, B.Sc MIT आदि कोर्स पनि यस प्रतिष्ठानबाट संचालन भैरहेको छ । त्यस कारण यो चिबिराप्रको अबधारणा तथा उदेश्य अन्य मेडिकल कलेजहरु तथा बिश्वबिद्यालय भन्द भिन्न भएकोले यसका केही बिशेषताहरु छन।

यस चिबिराप्रका केहि बिशेषताहरु

1. बिशेष ऐनद्वारा संचालित (Run under special act)
2. पोष्टग्राजुयट उच्च शिक्षा प्रतिष्ठान(Post graduate Academy)
3. समुहकृत अस्पतालको अबधारणाद्वारा संचालित(Run under the Consortium concept of group of government's Hospitals)
4. नेपाल सरकारको आवश्यकता अनुसार उच्च जनशक्ती उत्पादन (Priority to human resources development of government of Nepal)
5. नेपाल सरकार स्वास्थ्य तथा जनसंख्या मन्त्रालयका अस्पतालहरुमा कार्यरत चिकित्सकहरुद्वारा संचालित(Run by the existing human resource of government of MoHP)

In this regards there are **fundamental philosophical difference** at the inception of this Academy from other conventional Medical colleges and universities. This statement has been clearly mentioned in the preamble of the act of National Academy of Medical Science.

This Academy had started the post master doctoral program from 2006 AD like M.Ch in Neurosurgery. Till now more than dozen of DM/M.Ch post master doctoral graduate have been passed out and they are serving in the country.

To uplift the government hospital as an academic Institute and to develop the academic environment in government Institute and doctor who is working in that institute, now the concept of **Expansion of NAMS** has been launched and enrolled them as training institutions. In this concept all the central, regional and accredited zonal level hospitals are enrolled as teaching hospitals and certain district hospitals are included as a community teaching hospital. So the motto of this NAMS is **"Quality of Service through Academia"**.

Since the program has been launching to center to periphery up to the community level, there is a rotational posting programs. Other special features of curriculum are mandatory courses which have to be completed before appearance in final examination. So the calendar of operation of different program and office calendar has been mentioned below.

Mandatory activities and calendar of operation

Item \ Block	1	2	3	First Yearly Examination	4	5	6	Second Yearly Examination	7	8	9	Final Examination		
Thesis	Prepare Proposal	Proposal acceptance									IRB Thesis defense			
Mandatory course														
Research methodology		Research methodology												
ACLS	Advance Cardiac Life Support													
Medical education											Medical Education			
Basic Surgical skill		Basic Surgical Skill												
Trauma life support						Trauma Life support								
Palliative course							Pal				liative course			
Rotation Posting	In posting	Out posting											In Posting	

MD/MS/MDS course starts from July session. Each Block Consist of 4 months duration. In each block resident will be rotated.

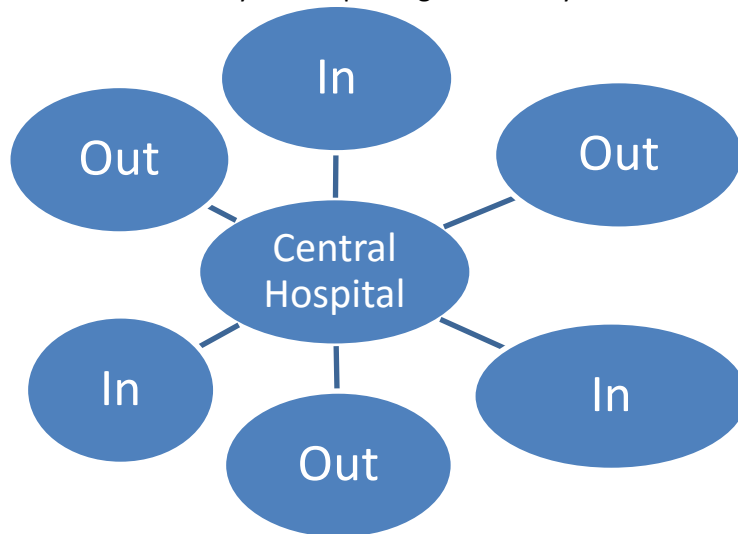
At the end of Year there will be yearly examination. Resident has to pass the yearly examination

Resident has to complete the mandatory courses eg. Research methodology, Basic and Advance cardiac life support and Medical education.

Resident of Surgical specialty should have to complete the Basic Surgical Skill and Trauma life support course

Resident of medical specialty should have to complete the Palliative course

Resident has to complete the minimum One year out posting on rotatory Basis and has to complied the academic activities as prescribed in Curriculum



Rotational Scaling of the Resident outside the central hospital
National Academy of Medical Science

Academic Units and various training Institutes of MD/MS/MDS courses of National Academy of Medical Science, Mahabaudh Kathmandu Nepal

S/N	Department Unit	Internal Medicine	General Surgery	Gyn/Obs.	Paediatrics	Orthopedics	Ophthalmology	Dermatology	ENT	GP	Radiodiagnosis	Radiation Oncology	Pathology	Anesthesiology	Prosthodontics	Orthodontist	Cardiology	Psychiatry	Master in Nursing	Bachelor Nursing	Bachelor MIT	PCL Nursing
	Hospital																					
1	Bir Hospital	3	3	-	-	3	-	1	1	1	1	1	1	2	1	1	2	-	1	1	1	1
2	Prashutigriha	-	-	4	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
3	Kanti Bal Hospital	-	1	-	5	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-
4	Civil Hospital	1	1	1	-	1	-	1	-	1	1	1	-	1	-	-	-	1	-	-	-	-
5	Kathmandu Model Hospital	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Mental Hospital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
7	Tliganga	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Nepal Eye Hospital	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bharatpur Hospital	1	1	1	1	1	-	1	-	1	-	-	-	1	-	-	-	1	-	1	-	-
10	Bhairawa Eye Hospital	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Lumbini Z hospital	1	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
12	BPKMCH	-	-	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
13	Janakpur Z. Hospital	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
14	Koshi Zonal Hospital	1	-	1	1	1	-	1	-	1	-	-	-	-	-	-	-	1	-	-	-	-
15	Biratnagar Eye hospital	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Ganga Lal Heart Hospital	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	6	-	-	-	-	-
17	Bayalpata	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
28	UMN Tansen	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
19	UMN Okhaldhunga	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
20	Dhading district Hospital	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
21	Charikot District Hospital	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	Total Unit	8	6	9	8	6	9	4	1	13	3	3	2	7	1	1	8	5				

Number of Resident posting depend upon the number of Residents intake

Posting depends upon the strength of faculties, infrastructures and academic environment of the unit (Department)

Posting arrangement will be done by Subject committee coordinator and Dean.

Activities of Residents

1. Morning conference with 24 hours audit
2. Indoor and OPD service as routine
3. Lectures, presentation minimum twice a week
4. Grand Round Once in a week
5. Journal club every fort night
6. Inter-departmental (Relevant departments) discussion once in a month
7. Presentation, clinical discussion and seminar/symposium attendance (Including CME) minimum 15
8. Teaching/demonstration to the Intern and junior Residents minimum once in week
9. Logbook keeping and verification by consultant daily
10. Completion of Mandatory courses

Academic Calendar in a month wise Basis (Academic Calendar for MD/MS/MDS) starts from July session

Block	1				2				3				4				5				6				7				8				9							
	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6				
1	Research methodology				Research Methodology																												Third Year Examination							
2	ACLS Advance Cardiac Life Support																																							
3	Medical Education																				Medical Education																			
4	Basic Surgical Skill				Basic Surgical Skill																																			
5	Trauma life support												Trauma life support Course																											
6	Palliative course																Palliative								Course															
7	Thesis work				Protocol preparation				Proposal Acceptance				Research work				Research work				Research work				Research work				IRB Thesis Review					Defense						
8	Posting				With Guide (In)				Out/In				In/Out				Out/In				In/Out				Out/In				Out/In					With Guide (In)				In/Out		
		First Year Examination												Second Year Examination												Final Year Examination														

Within 4 months of admission (October); research protocol has to be finalized with help of Guide

By the end of February the Thesis Protocol has to be accepted by IRB and thesis work has to be completed 4 month before the final examination.

Residents will be posted 1st, 2nd and 8th, 9th block preferably with thesis guide or hospital where guide works.

MD GP residents are posted to community Hospital for at least one year duration in a rotational Basis.

Academic Calendar and Training site for the DM/M.Ch course of National Academy of Medical Sciences

		DM/M.Ch Training Institutions										
Hospital Faculty	National								International			
	Bir Hospital	Kathmandu Model Hospital	Birendra Chhauni Hospital	Kanti Children Hospital	Maternity Hospital	BPKMCH	Civil Hospital	Ganga Lal Heart Hospital	PGI Chandigarh	AIIMS New Delhi	Gangaram Hospital Delhi	ILBS Hospital Delhi
(Master of Chirurgie) M.Ch Course												
Neurosurgery	X											
Urology	X									X		
GI Surgery	X								X			
Plastic Surgery	X	X										
Thoracic and Vascular Surgery	X					X		X				
(Doctorate of Medicine) DM Course												
Hepatology	X											X
Pulmonology	X		X							X		
Neurology	X						X					
Nephrology	X										X	
Endocrinology	X									X		
Gastroenterology	X										X	
Cardiology	X							X				
Neonatology				X	X							
Medical Oncology	X					X	X			X		

1. DM/M.Ch Course starts from January session. Mainly devoted to higher technological skills and research activities
2. Morning conference with 24 hours audit and Indoor/OPD service as routine
3. Lectures, presentation minimum twice a week
4. Grand Round Once in a week
5. Journal club every fort night
6. Inter-departmental (Relevant departments) discussion once in a month
7. Presentation, clinical discussion and seminar/symposium attendance (Including CME) minimum 15
8. Teaching/demonstration to the Residents minimum once a week
9. Logbook keeping and verification by consultant daily
10. Must have minimum 2 original research articles.

Academic Office working Calendar

MoU Institutions Inspection

NMC Inspection letter 2 month before intake

Number of resident Intake: Academic council meeting one month before

Requisition to NMC and MoHP: One month before intake

Advertisement for the resident intake: 6 weeks before the Examination on the month of May

Session starting: 15th July and January

Thesis Submission last date: End of the March

Final Examination date: July /August

S / N	Subject	January	February	March	April	Ma y	June	July	August	September	October	November	December
1	Inspection of MoU Hospitals		MD/MS/MDS /Nursing								DM/M.Ch		
2	Council Inspection				MD/MS/MDS; BN/MN							DM/M.Ch	
3	Intake Master Academic Council					MD/MS/MDS; BN/MN							
4	Intake DM/M.Ch Academic Council												DM/M.Ch
5	MoHP requisition			MD/MS/MDS							DM/M.Ch		
6	Advertisement for student intake				MD/MS/MDS; BN/MN						DM/M.Ch		
7	Session starting	DM.M.Ch					PCLN/AAC/ B.Sc. MIT	MD/BN/ MN					
8	Thesis submission						DM M.ch					MD/MS/MDS/MN	
9	Final Examination						MD/MS/MDS; BN/MN					DM/M.Ch	

For the Nursing and BSc MIT (Radiology) followings are the teaching Institutes.

Program/ Hospital	Bir Hospital	Bharatpur Hospital
Master of Nursing	X	
Bachelor of Nursing	X	X
PCL Nursing	X	
B. Sc MIT(Radiology)	X	

All are starts July session.

चि बि रा प्रतिष्ठानको टिचिड अस्पतालहरु तथा मानव संसाधन बिकाशको निमित्त संझौता गरेका अस्पताल तथा संस्थाहरु

सि नं	सस्था	उदेश्य	संझौता मिति	संझौता भंग मिति	कैफियत
१	प्रशुतीगृह	शैक्षिक	२०५८	-	
२	कान्ती बाल अस्पताल	शैक्षिक	२०५८	-	
३	बीरेन्द्र छाउनी अस्पताल	शैक्षिक	२०५८	२०७२	मेडिक लकलेज भएकले
४	पाटन अस्पताल	शैक्षिक	२०५८	२०७२	प्रतिष्ठान भएको
५	गंगालाल हृदयरोग अस्पताल	शैक्षिक	२०५८	-	
६	पाटन मानसिक अस्पताल	शैक्षिक	२०६७	-	
७	नेपाल नागरिक अस्पताल	शैक्षिक	२०७२	-	
८	त्रिपुरेश्वर आखा अस्पताल	शैक्षिक	२०५८	-	
९	तीलगंगा आखा अस्पताल	शैक्षिक	२०६७	-	
१०	रणअम्बिका आखा अस्पताल भैरहवा	शैक्षिक	२०६७	-	
११	बीराटनगर आखा अस्पताल	शैक्षिक	२०७२	-	
१२	भरतपुर अस्पताल	शैक्षिक	२०७२	-	
१३	बि पि स्मृती क्यान्सर अस्पताल भरतपुर	शैक्षिक	२०६५	-	
१४	लुम्बिनी अंचल अस्पताल, बुटवल	शैक्षिक	२०७२	-	
१५	कोशी अंचल अस्पताल बिराटनगर	शैक्षिक	२०७२	-	
१६	केन्द्रिय प्रयोगशाला टेकु	मानव संसाधन बिकाश	२०५८	-	
१७	नेपाल प्रहरी अस्पताल	मानव संसाधन बिकाश	२०६४	-	
१८	काठमाण्डौ विश्वविद्यालय	मानव संसाधन बिकाश	२०६८	-	
१९	बैलपाटा अस्पताल डोटी	शैक्षिक	२०७१	-	
२०	तान्सेन मिसन अस्पताल	शैक्षिक	२०७२	-	
२१	ओखलढुंगा मिसन अस्पताल	शैक्षिक	२०७२	-	
२२	धादिङ जिल्ला अस्पताल	शैक्षिक	२०७२	-	
२३	चरिकोट जिल्ला अस्पताल दोलाखा	शैक्षिक	२०७२	-	
२४	बीर अस्पताल	शैक्षिक(केन्द्रिय)	केन्द्रिय अस्पताल	-	
२५	राष्ट्रिय ट्रमा सेन्टर बीर अस्पताल	शैक्षिक(केन्द्रिय)	केन्द्रिय अस्पताल	-	
२६	गणतन्त्र माल्दिब्स	मानव संसाधन बिकाश	२०६८	-	
२७	जनकपुर अंचल अस्पताल	शैक्षिक	२०६८	-	