

GOVERNMENT OF INDIA
MINISTRY OF AYUSH
RAJYA SABHA
UNSTARRED QUESTION NO.-2407
ANSWERED ON 17/12/2024

Development of AYUSH education in the Country

2407. Shri Parimal Nathwani:

Will the Minister of *Ayush* be pleased to state:

- a) the details of the number of Ayurveda, Yoga, Naturopathy, Unani, Siddha and Homoeopathy (AYUSH) colleges/ institutes imparting education and training in the country, State/UT-wise;
- b) whether Government proposes to set up/recognise new AYUSH colleges/institutes and train doctors in order to address problem of shortage of doctors in the country, if so, the details thereof, State/ UT-wise;
- c) the details of proposals received from the State/UTs in this regard and the action taken/proposed by Government thereon during each of last three years and the current year, State/UT-wise; and
- d) the steps taken/proposed by Government for promotion and development of AYUSH education in the country ?

ANSWER

THE MINISTER OF STATE (IC) OF THE MINISTRY OF AYUSH

(SHRI PRATAPRAO JADHAV)

(a): The details of number of Ayurveda, Yoga, Naturopathy, Unani, Siddha and Homoeopathy (AYUSH) colleges/ institutes imparting education and training in the country, State/UT-wise are placed at Annexure- I.

(b) & (c): Health being a State subject, the establishment of new AYUSH Colleges in the country comes under the purview of respective State/UT Governments. However, under Centrally Sponsored Scheme of National AYUSH Mission (NAM), there is a provision of financial assistance for setting up of Ayush Educational Institutions and 50/30/10-bedded integrated AYUSH Hospital. Accordingly, State/UT Governments may avail eligible financial assistance by submitting the suitable proposals through State Annual Action Plans (SAAPs) as per the provision of NAM guidelines. The National Commission for Indian System of Medicine (NCISM) and the National Commission for Homoeopathy (NCH) are the regulatory authorities for imparting medical education & recognising institutes under the AYUSH system of medicine

across the Country. These regulatory bodies ensure the availability of adequate and high-quality medical professionals of the Indian System of Medicine in all parts of the country. The details of proposals received from the State/UTs and the action taken/proposed by Government during last three years and the current year, State/UT-wise are placed at Annexure- II.

(d): Government is taking steps to ensure the quality of education in AYUSH colleges. In the process of promotion and development of the Ayush sector and to streamline the education of the Indian System of Medicine & Homoeopathy (ISM & H), the Central Government by notification, constituted two commissions, namely the National Commission for Indian System of Medicine and the National Commission for Homoeopathy, to exercise the powers conferred upon and to perform the functions assigned to them under the NCISM Act 2020 & NCH Act 2020 respectively.

For every Academic Year, both commissions invite applications for opening new AYUSH Undergraduate (UG) and Postgraduate (PG) colleges/courses and scrutinize the applications as per the NCISM Act, 2020/NCH Act, 2020 and its relevant regulations made under and accordingly grant permission to open new AYUSH-UG and PG colleges/courses in the Country. Further, the commissions also maintain the educational standards of existing colleges of AYUSH-UG and PG courses by regular monitoring as per the minimum standards of undergraduate and postgraduate education regulations made under the relevant Acts.

Admission in Undergraduate (UG) and Postgraduate (PG) AYUSH courses is through National Eligibility cum Entrance Test (NEET) and All India Ayush Post Graduate Entrance Test (AIAPGET) respectively.

The steps taken by the Government to ensure the quality of education particularly in Ayurveda, Siddha, Unani and Homoeopathy streams in AYUSH colleges in the country are placed at Annexure-III.

Annexure-I

Number of AYUSH Colleges for Academic Year 2024-25

S. No.	State/UT	Ayurveda	Homoeopathy	Unani	Siddha
1.	Andhra Pradesh	3	8	1	-
2.	Arunachal Pradesh	1	-	-	-
3.	Assam	1	3	-	-
4.	Bihar	10	15	5	-
5.	Chandigarh	1	-	-	-
6.	Chhattisgarh	7	4	1	-
7.	Delhi	3	3	2	-
8.	Goa	2	1	-	-
9.	Gujarat	48	51	-	-
10.	Haryana	15	1	-	-
11.	Himachal Pradesh	4	1	-	-
12.	Jammu and Kashmir	2	1	4	-
13.	Jharkhand	-	7	-	-
14.	Karnataka	101	19	6	-
15.	Kerala	18	6	1	1
16.	Madhya Pradesh	35	27	4	-
17.	Maharashtra	132	68	7	-
18.	Meghalaya	2	1	-	-
19.	Odisha	5	7	-	-
20.	Punjab	19	4	1	-
21.	Rajasthan	18	12	3	-
22.	Tamil Nadu	8	14	1	16
23.	Telangana	2	6	3	-
24.	Uttar Pradesh	100	16	17	-
25.	Uttarakhand	20	2	1	-
26.	West Bengal	4	12	1	-
27.	Pondicherry	1	-	-	-
28.	Sikkim	-	-	-	-
29.	Ladakh	-	-	-	-
Total		562	289	58	17

Note: Public Health being a State subject, setting up of Yoga colleges and hospitals comes under the purview of respective State/UT Government. Ministry of Ayush does not maintained data regarding number of Yoga and Naturopathy colleges and hospitals in the Country.

Annexure-II

The details of proposals received from the State/UTs and the action taken/proposed by Government during last three years and the current year, State/UT-wise:

List of Colleges granted Letter of Permission (LOP) to establish new Ayurveda Colleges from the A.Y. 2021-22:

S.No.	College Name	Proposal received from college	State	LOP/No LOP Issue
1	Immanuel Arasar Ayurveda Medical College & Hospital, Nattalam, Marthandam, Kanyakumari-629195, Tamil Nadu	To establishment new Ayurveda Medical College with 60 UG(BAMS) seats for the session 2022-23	Tamil Nadu	LOP Issued

List of Ayurveda Colleges for the academic year 2022-23.

S.No.	College Name	Proposal received from college	State	LOP/No LOP Issue
1	Govt. Ayurveda College and Hospital, Baramati, at Post-Medad, S. No.-414/1, Morgaon Road, Baramati, Dist. Pune-413102, Maharashtra	To establishment new Ayurveda Medical College with 100 UG(BAMS) seats for the session 2022-23	Maharashtra	LOP Issued
2	All India Institute of Ayurveda, Village Dhargal, Taluka Pernem, Goa Panjim-403513	To establishment new Ayurveda Medical College with 100 UG(BAMS) seats for the session 2022-23	Goa	LOP Issued
3	Baba Khetanath Govt. Ayurvedic College and Hospital, village-Patikara, Narnaul, Dist-	To establishment new Ayurveda Medical College with 100	Haryana	LOP Issued

	Mahendragarh	UG(BAMS) seats for the session 2022-23		
4	Govt. Ayurved Mahavidhalaya, Evum Chikisalaya, Rajkiya Shri Vrishbhanu Kumar (S.V.K.) Opp. Girls highger Schhol, Atalbandh, Bharatpur- 321001, Rajasthan	To establishment new Ayurveda Medical College with 60 UG(BAMS) seats for the session 2022-23	Rajasthan	LOP Issued
5	Govt. Ayurved Mahavidhalaya, Dr. Rajendra Prasad Zila Ayurved Chikitsalaya, Ranisati Road, Sikar- 332001, Rajasthan	To establishment new Ayurveda Medical College with 60 UG(BAMS) seats for the session 2022-23	Rajasthan	LOP Issued
6	Govt. Ayurved Mahavidhalaya, Vaid Dadudayal Joshi Rajkiya Zila Ayurved Chikisalya, Talvandi, Kota-324005, Rajasthan	To establishment new Ayurveda Medical College with 60 UG(BAMS) seats for the session 2022-23	Rajasthan	LOP Issued
7	Govt. Ayurved Mahavidhalaya, Govt. Zila Chikitsalya, Bandra Baas, Bikaner-334001, Rajasthan	To establishment new Ayurveda Medical College with 60 UG(BAMS) seats for the session 2022-23	Rajasthan	LOP Issued
8	Govt. Ayurved Mahavidhalaya, Pratap Nagar, Jaipur-302033, Rajasthan	To establishment new Ayurveda Medical College with 60 UG(BAMS) seats for the session 2022-23	Rajasthan	LOP Issued
9	Govt. Ayurved Mahavidhalaya, Kekari, Ajmer-305404, Rajasthan	To establishment new Ayurveda Medical College with 60 UG(BAMS) seats for the session 2022-23	Rajasthan	LOP Issued

10	Govt. Maharani Rameshwari Institute of Indian Medical Sciences, Mohanpur, Darbhanga, Bihar- 846007 Kameshwar Nagar, Darbhanga, Bihar- 846004	To establishment new Ayurveda Medical College with 60 UG(BAMS) seats for the session 2022-23	Bihar	NO LOP issue
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List of Ayurveda Colleges for the academic year 2023-24

S.No.	College Name	Proposal received from college	State	LOP/No LOP Issue
1	NIL	NIL	NIL	NIL

List of Ayurveda Colleges for the academic year 2024-25

S.No.	College Name	Proposal received from college	State	LOP/No LOP Issue
1	North Eastern Institute of Ayurveda & Folk Medicine Research, Opp. APST Bus Terminus, High Region, Pasighat-791102, Arunachal Pradesh	To establish new Ayurved College in UG (BAMS) course for 60 seats for the academic session of 2024-25	Arunachal Pradesh	LOP issued
2	National Institute of Ayurveda, Panchkula (Haryana), Sector 05-D, Mata Mansa Devi Shrine Board Campus Panchkula (Haryana) - 134114	To establish new Ayurved College in UG (BAMS) course for 100 seats for the academic session of 2024-25	Haryana	LOP issued
3	Gramodaya Ayurvedic Medical College, Chitrakoot Satna, M.P	To establish new Ayurved College in UG (BAMS) course for 100 seats for the academic session of 2024-25	Madhya Pradesh	No LOP issued

List of permitted Homoeopathic Colleges

List of New Opening Homoeopathic Medical College from Govt for academic year 2021-22		
Sl. No	College Name	State
1.	University College of Homoeopathy, Kekari, Ajmer- 305404	Rajasthan
2.	University College of Homoeopathy, Kadwad, Jodhpur	Maharashtra
3.	Govt. Homoeopathic Medical College, Chincholi, Jalgaon- 425002.	Maharashtra

No application was received for opening of New Homoeopathic Medical College proposed by Government for the academic year 2022-23

List of New Opening Homoeopathic Medical College from Govt. for academic year 2023-24		
Sl. No	College Name	State
1.	National Institute of Homoeopathy, Delhi (A Satellite Institute of NIH, KOLKATA); Sector A-8, Chaudhary Ramdev Marg, Narela, Delhi-110040	Delhi

List of New Opening Homoeopathic Medical College from Govt. for academic year 2024-25		
Sl. No	College Name	State
1.	Government Homoeopathic Medical College & Hospital, Mahatma Gandhi Hospital, Main Bazaar Kathua 184152	Jammu & Kashmir

List of New Siddha colleges From A.Y. 2022-23

S.No.	College Name	Proposal received from college	State	LOP/No LOP Issue
1	National Institute of Siddha, Trichy Hwy, near Government Hospital, Tambaram Sanatoruim, Chennai, Tamil Nadu 600047	Permission for UG (BSMS) with 60 seats (including EWS) for the academic session 2022-23 under section 29 of NCISM Act, 2020	Tamil Nadu	LOP Issued

List of Unani Colleges for the A.Y 2023-24

S.No.	College Name	Proposal received from college	State	LOP/No LOP Issue
1	National Institute of Unani Medicine, Ghaziabad, Uttar Pradesh	Granted Letter of Permission to start new Unani College with intake capacity of 49 seats in 07 PG courses in the subject namely (i) Moalijat (ii) Ilmul Advai (iii) Ilmul Qabalat wa Amaraze Niswan (iv) Ilmul Saidia (v) Ilajbit -Tadbeer (vi) Ilmul Jarahat (vii) Ilmul Amraz	Uttar Pradesh	LOP issued

The steps taken by the Government to ensure the quality of education particularly in Ayurveda, Siddha and Unani streams in AYUSH colleges in the country are as follows:

To align with New Education Policy 2020, global standards in medical education, and to produce meritorious and skilled Ayurveda, Siddha, Unani and Sowa-Rigpa (ASUS) graduates, NCISM has brought logical reforms in medical education policy, essential standards in education, educational administration, teaching/training methodologies, assessment process, technological assistance in education etc., and the same is detailed below:

I. Reforms in Medical Education:

1. Lecture and Non-Lecture hours: The ratio between Lecture and Non-Lecture hours has been reversed to 1:2 to promote professional skill, and soft skills.

2. Elective subjects with credit-based system: The introduction of electives is intended to provide opportunity to students to get introduced, oriented and exposed to various allied subjects, to build inter-disciplinary approach, and to promote self-directed/guided learning.

3. Transitional Curriculum: 15-day induction programme (90 hours) with transitional curriculum has been introduced for newly admitted students before the commencement of regular classes.

4. Competency Based Syllabus: Has been introduced with well-defined graduate's attributes, programme outcomes, course outcomes, difficulty level, advanced teaching-training methods at par with global standards, formative assessment for continuous evaluation of the students, summative assessment methods, the blue print of the question paper, vertical/horizontal integration, etc.

5. Early Clinical Exposure: Begins with the first professional session to provide more clinical training exposure and build self-confidence.

6. Methodology for supplementation of modern advances, scientific and technological developments in Ayurveda, Siddha, Unani and Sowa-Rigpa have been introduced.

7. Separate hours for library, sports, and recreation in the regular time-table of all batches for effective utilisation of library, express talent in co/extracurricular events and promote physical and mental wellness.

8. Formative Assessment: In addition to the university examination (summative assessment), formative assessment is introduced, which includes nine periodical tests and two term tests). So that students shall be assessed periodically to assess their performance in the class, determine the understanding of programme material and their learning outcomes.

9. Academic calendar: An academic calendar for the entire course period is introduced to ensure uniform academic administrative patterns throughout the country.

10. Rating of medical colleges/institutes: As per the NCISM Act 2020, NCISM is determining rating criteria for medical institutions over and above minimum standards so as to make the institutions to undergo the development process towards higher standards. Rating criteria has been fixed mainly on Inspirational index (based on student's feedback) and Loyalty index (based on teacher's feedback). The speciality of NCISM Rating Method is the provision for giving negative marks to the institution based on Student Inspirational Index.

11. Industry-Academia Interface: Meetings of academicians and industry personnel have been conducted to formulate the methodology for offering apprenticeships or internships in industry-oriented training for post-graduates.

12. Survey among ASU (Ayurveda, Siddha and Unani) students: A questionnaire prepared by social scientists has been shared with ASU students to get their opinion on existing course curriculum and syllabus, teaching, training, assessment, course outcomes, etc. Their logical suggestions have been considered and incorporated into new regulations.

13. Heal by India: International ASUS practitioners and experts were invited to have discussion on overseas opportunities and prepare orientation materials regarding overseas opportunities, information and requirements related to international practice. Under this initiative, in future, final professional students and interns of ASUS institutions will get oriented by the NCISM approved Heal by India coordinator of the concerned college on the basis of NCISM prescribed orientation materials.

14. Thought Experiment: A survey has been conducted with a specific questionnaire (prepared separately for Ayurveda, Unani and Siddha) to get opinions from the teaching faculties of AUS colleges across the country on the current pattern of teaching/training, syllabus of UG/PG, nomenclature of the specialties and specialists, the level of teaching/training, teaching and training materials, etc. Their suggestions will be valuable in making decisions while framing the curriculum and syllabus for UG and PG.

15. Orientation for Post-Graduate Guides: To provide orientation for PG guides at ASU colleges on publication ethics, research integrity, and scientific writing, 60 master trainers have been trained.

16.National Teachers Eligibility Test: NCISM has implemented National Teachers' Eligibility Test for each discipline of Ayurveda, Siddha and Unani of Indian Systems of Medicine who desire to take up teaching profession.

17.Articles for Teachers: Each teacher is communicated with by mail with an article on teaching technology on the first Friday and a research article on the third Friday of every month to get updated knowledge in the area of education technology and research.

III. Use of Technology:

1. QR code embedded syllabus: uploaded on NCISM site for the first professional undergraduate program.

2. Elective courses through LMS (Learning Management System)

3. Teaching aids for non-lecture hours: Advanced teaching methods including simulators, skill lab training, blended learning, flipped class room etc are prescribed to make activity-based teaching and learning in non-lecture hours more effective.

4. Virtual visitation of ASUS colleges-Hybrid mode of visitation has been implemented successfully by NCISM by using advanced technology. In this process there is no room for any kind of malpractice and the current method ensures more transparency in visitation process.

The steps taken/proposed by Homoeopathy Education Board, National Commission for Homoeopathy for promotion and development of Homoeopathy education in the country are as under: -

- The Commission has developed competency based dynamic curriculum as per recommendation of national Education policy 2020.
- The Commission has envisioned raising competencies and skills of teaching faculties in alignment with modern understanding with a regular update.
- National Commission for Homoeopathy (Homoeopathy Graduate Degree Course – Bachelor of Homoeopathic Medicine and Surgery (B.H.M.S). Regulations- 2022 notified on 7.12.2022, it has various new initiatives like early clinical exposure, introduction of electives, faculty development programme, foundation programme, finishing programme at end of internship, inclusion of new subjects like pharmacology, psychology and yoga.

The Commission has drawn standards for education and practice of Homoeopathy, regulates the same for promoting quality education in Homoeopathic system of medicine.