

**Press Information Bureau
Government of India
Ministry of Human Resource Development**

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HRD Ministry notifies 75 National Resource Centres (NRCs) for online refresher programmes for Higher Education faculty through SWAYAM

The Ministry of Human Resource Development has launched a major and unique initiative of online professional development of 1.5 million higher education faculty using the MOOCs platform SWAYAM. In the first phase, 75 discipline-specific National Resource Centres have been identified which are tasked to prepare online training material with focus on latest developments in the discipline, new & emerging trends, pedagogical improvements and methodologies for transacting revised curriculum.

A varied set of institutions such as, Centres under the Ministry's Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) located in Central Universities, IISc, IUCAA, IITs, IISERs, NITs, State Universities ; UGC's Human Resource Development Centres(HRDCs), National Institutes for Technical Teachers Training (NITTTRs), IIITs, Open Universities have been notified as NRCs. These NRCs cover wide ranging disciplines of Social Sciences, Sciences, Engineering and Technology, Design & Manufacturing, Humanities, Language Teaching, Commerce, Management, Education Planning and Administration, Public Policy, Leadership & Governance, Library & Information Science, Astronomy & Astrophysics, Assessment and Evaluation, Pedagogy and research methods , cutting edge areas of Nano-sciences, Internet of Things, etc.

Under this initiative, all in-service teachers, irrespective of their subject and seniority will have an enabling opportunity to keep abreast of the latest developments in their disciplines through the technology based online refresher course. The NRCs will develop the Refresher Module which will include the latest trends in their earmarked discipline by 15th June each year. The training materials will be uploaded and made available through SWAYAM to all the teachers w.e.f. 1st October each year and based on the response, the course can be repeated in the following January. NRC will publish the list of the faculty who have been certified by 31st December, 2018. UGC will issue order/regulations for the purpose of Career Progression and APIs.

Faculty can benefit from this initiative as it is highly flexible and can be done at one's own pace and time. The NRCs will revolutionize professional development of faculty by catering to massive numbers by leveraging ICT and online technology platform of SWAYAM.

List of discipline-wise National Resource Centres (NRCs)

S. No.	Name of Institution/University	Discipline
1.	National Institute of Educational Planning and Administration (NIEPA)	Educational Planning and Administration

2.	RIE Mysore	Teacher Education
3.	Dr. Harisingh Gour Vishwavidyalaya Sagar (M.P.)	Social and Rural development
4.	Central University of Kerala	Curriculum design & e- Content Development
5.	Central University of South Bihar	Education
6.	Central University of Jammu	Human Resource Development
7.	Central University of Haryana	Personal-Emotional Development and Counseling
8.	Banaras Hindu University	Indian Culture & Heritage Studies
9.	Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya	Hindi Literature & Linguistics
10.	Aligarh Muslim University	Teacher Education in collaboration with RIE Mysore
11.	IISc, Bangalore	Physics
12.	Indian Institute of Science Education and Research (IISER) Pune	Climate change
13.	NIT Warangal	Mathematics
14.	Indian Institute of Technology, Hyderabad	Electrical engineering
15.	Indian Institute of Science Education and Research Bhopal (IISER, Bhopal)	Information and Communication Technology in Science and Maths Teaching

16.	Tezpur University	Mass Communication and Journalism
17.	Indian Institute of Information Technology, Design and Manufacturing Kancheepuram, Tamil Nadu	Design and Manufacturing
18.	Sri Guru Tegh Bahadur Khalsa College, Delhi	Chemistry
19.	Indian Institute of Technology, Kharagpur	Mechanical Engineering
20.	IIT Patna	IoT (Internet of Things)
21.	IIT Madras	Metallurgy
22.	IIT Bombay	Energy systems engineering
23.	Shri Lal Bahadur Shastri Sanskrit Vidyapeeta, Delhi	Methodology of teaching Sanskrit
24.	Ramanujan College, New Delhi	Human Rights, Environment and Ethics
25.	Savitribai Phule Pune University	Leadership and Governance
26.	Central University of Rajasthan	Public Policy/Administration
27.	Coimbatore Institute of Technology	Structural Engineering
28.	National Institute of Technical Teacher's Training and Research, Bhopal*	Assessment & Evaluation
29.	Inter University Centre for Astronomy and Astrophysics, Pune	Astronomy & Astrophysics
30.	Banasthali Vidyapith	Management

31.	Hemvati Nandan Bahuguna Garhwal University, Srinagar	Tourism and Hospitality Services Management
32.	Guru Nanak Dev University, Amritsar	Advances in materials for health and energy
33.	National Institute of Technology, Silchar	Water Resources
34.	Mizoram University	Educational research
35.	University of Hyderabad, Hyderabad - 500 046	Research Methodology for Social Sciences
36.	Pt. Ravishankar Shukla University, Raipur - 492 010	Psychology
37.	Guru Ghasidas University GGU Campus, Bilaspur - 495 009	Life Sciences
38.	University of Delhi, Delhi -110007	History
39.	Jamia Millia Islamia, New Delhi - 110025	Gender/ Women Studies
40.	Goa University, Teleigao Plateau, P.O. Bambolim, Goa - 403 202	Marine Science
41.	Gujarat University, Nairangpura, Ahmedabad - 300 009	English Language Teaching (ELT)
42.	Saurashtra University, University Road, Rajkot - 360 005	Language & Literature (Gujrati-Hindi)
43.	Kurukshetra University, Kurukshetra - 132 119	Law
44.	Guru Jambheshwar University of Science & Technology Hisar - 125 001	Pedagogical innovations and Research Methodology

45.	Ranchi University, Morabadi Campus, Ranchi - 834 008	Tribal and Regional Language
46.	University of Kashmir, Hazarat Bal, Srinagar - 190 006	Arts and Humanities
47.	Karnatak University, Pavati Nagar, Dharwad - 580 003	Sociology
48.	Dr. H.S. Gour Vishwavidyalaya, Sagar - 470 003	Zoology
49.	Rani Durgawati Vishwavidyalaya, Jabalpur - 482 001	Political Science
50.	Dr. B.A. Marathwada University, Aurangabad - 431 004	Science & Technology
51.	University of Mumbai, Vidya Nagari, Mumbai - 400 098	Economics
52.	Nagpur University, Amba Vihar, South Ambazari Road, Nagpur - 400 022	Disaster Management
53.	Sant Gadge Baba Amravati University, Amravati - 444 602	Skill Development
54.	Utkal University, Vani Vihar, Bhubaneswar - 751 004	Anthropology
55.	Pondicherry University, Lawspet, Puducherry - 605 008.	French
56.	University of Madras, Centenary Building, Chepauk, Chennai - 500 005	Political and international Studies
57.	Aligarh Muslim University, Aligarh - 202 001	Urdu
58.	Banaras Hindu University, Varanasi -221 005	Earth Science
59.	Institute of Agricultural Sciences, Banaras Hindu University, Varanasi -221 005	Agricultural & Veterinary Education

60.	University of Calcutta, 92, A.P. Chandra Road, Calcutta-700 009	Mathematics & Statistics
61.	NIT Durgapur	Chemical Engineering
62.	Motilal Nehru National Institute of Technology Allahabad	Biomedical Imaging
63.	IIT Ropar	Manufacturing
64.	IIT Kanpur	Aerospace Engineering
65.	IIT Roorkee	Architecture
66.	IIITD & M Jabalpur	Design
67.	IIITM Gwalior	Operations management, Project management, Innovation Management
68.	IIIT Dharwad	Information Technology
69.	IIIT Pune	Electronics & Communication & Computer Science Engineering
70.	NITTTR Bhopal	Assessment & Evaluation
71.	NITTTR Chandigarh	Electrical and Electronics Engineering
72.	NITTTR Chennai	Civil & Environmental Engineering
73.	NITTTR Kolkata	Mechanical Engineering
74.	Mohanlal Sukhadia University	Biotechnology

75.	IGNOU	Library & Information Science
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