



**3.4.7. E-content is developed by teachers :**

- 1. For e-PG-Pathshala**
- 2. For CEC (Undergraduate)**
- 3. For SWAYAM**
- 4. For other MOOCs platforms**
- 5. Any other Government Initiatives**
- 6. For Institutional LMS**

F. No. 1-16/2018-PN-II  
Government of India  
Ministry of Human Resource Development  
Department of Higher Education  
(PN-II Section)

Room No. 111-C, Shastri Bhawan,  
New Delhi, Dated 02<sup>nd</sup>, May, 2018

**OFFICE MEMORANDUM**

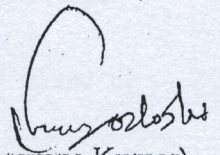
**Subject: Notification of discipline-specific National Resource Centre (NRC) for Annual Orientation Programme of higher education faculty through SWAYAM**

This is regarding the decision of the Department of Higher Education, MHRD regarding an Annual Orientation Programme for all the in-service teachers, irrespective of their subject, management and seniority every year. This training will be imparted as MOOCs using SWAYAM platform and would focus on latest developments in the subject, pedagogical improvements and methodologies for transacting revised curriculum.

2. Your institution/ PMMMNMTT Centre/ UGC-HRDC is hereby notified as a National Resource Centre (NRC) for the discipline as per the list enclosed.
3. Based on this notification, your institution will undertake the following activities for the operationalisation of NRC in the specific discipline assigned.
  - i. Each NRC will develop the Orientation Programme for the teachers in the discipline earmarked for them.
  - ii. Each NRC will constitute an 'Academic Council' consisting of the experts from at least five other institutions in that discipline, technical expertise for various multi-media and online content creation. The NRCs are requested to constitute Academic Council for each NRC by 15<sup>th</sup> May, 2018.
  - iii. This Academic Council will decide on the components to be included in the orientation module for the forthcoming year which should include the latest trends in the subject, by 15<sup>th</sup> June each year. The council will decide the resource person/(s) for each module.
  - iv. The resource person/(s) so identified will record his/her lecture/prepare training materials as per the SWAYAM guidelines and submit to the NRC for approval.
  - v. The orientation courses so prepared should be uploaded and made available through SWAYAM to all the teachers w.e.f. 1<sup>st</sup> October each year and the NRCs would monitor how many (of the teachers) have registered, taken active interest and

completed the course. For this purpose, SWAYAM platform will actively collaborate with the NRCs. Based on the response the orientation course can be repeated in the following January.

- vi. Funding for NRC will be as per financial norms for development of MOOCs for SWAYAM (copy enclosed).
  - vii. NRC to publish the list of the teachers who have been certified by 31<sup>st</sup> December, 2018.
4. The UGC is requested to issue order/regulations for the following activities through SWAYAM for the purpose of Career Progression and APIs. Similar order would be issued by the AICTE in respect of technical education.
- i. Development of MOOCs for SWAYAM
  - ii. Running of SWAYAM MOOCs
  - iii. Teachers undergoing SWAYAM MOOCs

  
(N. Saravana Kumar)  
Joint Secretary

**Encl.: 1. Discipline -wise NRC list & 2. SWAYAM Financial norms for MOOCs 3. SWAYAM Guidelines**

To,

As per mailing list

1. The Project Coordinators of approved PMMMNMIT Centres and Heads of these institutions.
2. Vice Chancellor -Central Universities/ State Universities
3. Directors, UGC-HRDCs
4. Director, IIT's
5. Director, IIIT's
6. Director, NIT's
7. Director, NITTTR's

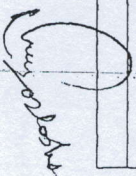
Copy for kind information to:

1. All Bureau Heads -Dept. of Higher Education
2. Chairman- UGC & AICTE
3. OSD(NEP) - for coordination and follow-up with NRCs

**MHRD**  
**Department of Higher Education**

**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.	Allgarh 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.	ITT Bombay		Energy systems engineering
23.	Shri Lal Bahadur Shastri Sanskrit Vidyapeeta, Delhi		Methodology of teaching Sanskrit
24.	Ramamujan 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, Taleigao 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, Hazrat Bal, Srinagar - 190 006		Arts and Humanities
47.	Kannatak 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 Nagar, Mumbai - 400 098		Economics

*Signature*

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PROF SHIV NIRMOHI HISTORY OF DOGRAS	Public	None	Jan 24, 2023 Published	192	0	100.0% 5 likes
MR. GHULAM MUSTAFA KHWAJA, M Y ZAFAR...	Public	None	Jan 24, 2023 Published	200	0	100.0% 6 likes
SHRI ALOK BANSAL PAKISTAN OCCUPIED JAMMU & KASHMIR	Public	None	Jan 24, 2023 Published	177	0	100.0% 5 likes
PROF J.L. KAUL IMPORTANCE AND RELEVANCE OF LALITADITYA TO OUR YOUTH TO OUR REGION	Public	None	Jan 24, 2023 Published	101	0	100.0% 4 likes
MR PRFUL KETKAR JAMMU KASHMIR AND CHINA PAKISTAN RELATION	Public	None	Jan 24, 2023 Published	68	0	100.0% 1 like

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MR RAJEEV PANDEY ARTICLE 370	Unlisted	None	Feb 15, 2019 Uploaded	5	0	-
MR D.K. DUBEY INTEGRATION OF ALL STATES AS PER THE CONSTITUTION OF INDIA	Unlisted	None	Feb 15, 2019 Uploaded	41	0	100.0% 1 like
MR. D.K. DUBEY INTEGRATION OF INDIA	Unlisted	None	Feb 14, 2019 Uploaded	55	0	100.0% 1 like
PROF KULDEEP AGNIHOTRI	Public	None	Feb 14, 2019 Published	101	0	-
PRABHA RAO PAN-ISLAMIC MOVEMENTS AND RELATED FUNDING	Unlisted	None	Feb 6, 2019 Uploaded	93	0	100.0% 1 like

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MR. SYED ATA HANAMAIN WAR, PREZY WAR AND FEDERALISM IN JAMMU AND KASHMIR PART I	Unlisted	None	Feb 17, 2019 Uploaded	5	0	-
ADV. RAVINORA KUMAR RAZADA 2 CONSTITUTIONAL DISCOURSE IN JAMMU & KASHMIR PART II	Unlisted	None	Feb 17, 2019 Uploaded	1	0	-
ADV. RAVINORA KUMAR RAZADA 1 CONSTITUTIONAL DISCOURSE IN JAMMU & KASHMIR	Unlisted	None	Feb 17, 2019 Uploaded	1	0	-
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MR. RAJEEV PANDAY ARTICLE 370	Unlisted	None	Feb 15, 2019 Uploaded	5	0	-

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SHRI ASHLITOSH BHATNAGAR JAMMU & KASHMIR: A BRIEF INTRODUCTION	Public	None	Jan 24, 2023 Published	323	0	100.0% 9 likes
PROF KASHI NATH PANDITA KASHMIR THROUGH THE AGES: PEOPLE, CULTURE AND HISTORY PART I	Public	None	Jan 24, 2023 Published	224	1	100.0% 6 likes
PROF KASHI NATH PANDITA KASHMIR THROUGH THE AGES: PEOPLE, CULTURE AND HISTORY PART II	Public	Copyright	Jan 24, 2023 Published	166	1	100.0% 4 likes
PROF JAWAHAR LAL KOUL THE AREA WHICH IS NOW GILGIT (DARD, DARD DISH)	Public	Copyright	Jan 24, 2023 Published	190	1	100.0% 6 likes
PROF SHIV NIRMOHI	Public	None	Jan 24, 2023 Published	192	0	100.0% 6 likes

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12:37 PM  
14-03-2023





The screenshot displays the YouTube Studio interface for a channel named 'NRC POL. SC. JABALPUR'. The channel's profile picture is a purple circle with a white 'N'. The left sidebar contains navigation options: Dashboard, Content, Analytics, Comments, Subtitles, Copyright, Settings, and Send feedback. The main area shows a list of videos under the 'Videos' tab. The video list is as follows:

Video	Visibility	Restrictions	Date	Views	Comments	Likes (vs. dislikes)
PEOPLE PARTICIPATION, CIVIL SOCIETY IN VARIOUS ELEMENTS OF JAMMU AND KASHMIR			Published			1 like
GENERAL BRIJESH KUMAR COMPLEXITY OF A JAMMU AND KASHMIR SOME INSIGHT	Public	None	Jan 24, 2023	60	0	100.0% 1 like
GENERAL BRIJESH KUMAR COMPLEXITY OF A JAMMU AND KASHMIR SOME INSIGHT PART II	Public	None	Jan 24, 2023	65	0	100.0% 1 like
MR. SYED ATA HASANAIN 2	Public	None	Jan 24, 2023	2	0	-
Yashraj Singh Bundela 1	Public	None	Jan 24, 2023	6	0	-
Ashutosh Bhatnagar	Public	None	Jan 24, 2023	1	0	-

The bottom of the screenshot shows the Windows taskbar with the system clock at 12:38 PM on 14-03-2023.

Screenshots of videos of Political Science Refresher course uploaded on SWAYAM Platform

Rani Durgavati Vishwavidyalaya x +

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# Rani Durgavati Vishwavidyalaya Jabalpur Madhya Pradesh

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### E-Contents

10-May-2022	e-contents of Teaching Material of Biological Science
11-Nov-2020	E-contents of various departments
20-Apr-2020	E-contents by Women Study Centre
20-Apr-2020	Pharmacy E-Contents

### Quick Links

- Result Status 2021-22
- Paper setting and other proforma
- Advertisement and Application form for Guest Faculty in Physical Education Dept

More Links[+]

Activate Windows  
Go to Settings to activate Windows.

Windows Search: Type here to search

Taskbar: Edge, File Explorer, Calendar, Mail, Word, Chrome

System Tray: 28°C Haze, 12:18, 17-03-2023, LIVEWEB6

<http://www.rdunijbpin.org/site/information/GenericPDFListing.aspx?Doctype=54de9757-c91a-428a-a26a-a8b13fb2cfe4>

## उच्च शिक्षा विभाग, मध्यप्रदेश शासन

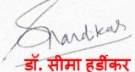
सर्टिफिकेट क्रमांक MN-16

सत्यापन मंडल द्वारा प्रमाणन

दिनांक: 27/03/2022

यह प्रमाणित किया जाता है कि :

- (1) सत्यापन मंडल द्वारा कक्षा बी.एससी. प्रथम वर्ष के विषय भौतिक शास्त्र के प्रश्नपत्र Mechanics and General Property of the Matter की इकाई 4.2 के मॉड्यूल Gravitational Potential and Gravitational Field से संबंधित ई-कंटेंट के सम्पादन/मूल्यांकन का कार्य किया गया है।
- (2) उक्त ई-कंटेंट के निर्माता Dr. Rinkesh Bhatt संस्था Department of Physics & Electronics, Rani Durgawati Vishwavidyalaya, Jabalpur (MP) से हैं। इनके द्वारा इस ई-कंटेंट के मौलिक होने का घोषणापत्र प्रदान किया गया है।
- (3) यह ई-कंटेंट विषयवस्तु तथा प्रस्तुतीकरण के आधार पर उच्च शिक्षा विभाग, मध्यप्रदेश के LMS पोर्टल पर विद्यार्थियों के हितार्थ प्रदर्शित करने योग्य है।



डॉ. सीमा हर्बालकर  
(संयोजक)  
सरोजिनी नाथ झा शासकीय कन्या  
स्नातकोत्तर महाविद्यालय  
(स्वशासी), भोपाल



डॉ. एच. सी. नायक  
(सह-संयोजक),  
महाराजा छत्रसाल बुन्देलखण्ड  
विश्वविद्यालय, छतरपुर



डॉ. नेतराम कौरव  
सदस्य  
शासकीय होलकर विज्ञान  
महाविद्यालय, इंदौर



डॉ. सागर सेन  
सदस्य  
शासकीय स्नातकोत्तर  
महाविद्यालय, धार



डॉ. जितेंद्र सोलंकी  
सदस्य  
शासकीय महाविद्यालय,  
मनावर, धार



डॉ. रविकान्त  
सदस्य  
शासकीय महाविद्यालय,  
सैलाना, रतलाम

## उच्च शिक्षा विभाग, मध्यप्रदेश शासन

सर्टिफिकेट क्रमांक MN-27

सत्यापन मंडल द्वारा प्रमाणन

दिनांक: 27/03/2022

यह प्रमाणित किया जाता है कि :

- (1) सत्यापन मंडल द्वारा कक्षा बी.एससी. प्रथम वर्ष के विषय भौतिक शास्त्र के प्रश्नपत्र Mechanics and General Property of the Matter की इकाई 5.5 के मॉड्यूल Life Cycle of a Stars, Chandrashekhar Limit, H-R diagram, Red giant star, White dwarf star, Neutron star and Black hole से संबंधित ई-कंटेंट के सम्पादन/मूल्यांकन का कार्य किया गया है।
- (2) उक्त ई-कंटेंट के निर्माता Dr. Pallavi Shukla संस्था Rani Durgawati University से हैं। इनके द्वारा इस ई-कंटेंट के मौलिक होने का घोषणापत्र प्रदान किया गया है।
- (3) यह ई-कंटेंट विषयवस्तु तथा प्रस्तुतीकरण के आधार पर उच्च शिक्षा विभाग, मध्यप्रदेश के LMS पोर्टल पर विद्यार्थियों के हितार्थ प्रदर्शित करने योग्य है।

डॉ. सोमा हर्कार  
(संयोजक)  
सरोजिनी नायडू शासकीय कल्याण  
स्नातकोत्तर महाविद्यालय  
(स्वशासी), भोपाल

डॉ. एच. सी. नायक  
(सह-संयोजक),  
महाराजा छत्रसाल इन्देलखण्ड  
विश्वविद्यालय, छतरपुर

डॉ. नेतराम कौरव  
सदस्य  
शासकीय होलकर विज्ञान  
महाविद्यालय, इंदौर

डॉ. सागर सेन  
सदस्य  
शासकीय स्नातकोत्तर  
महाविद्यालय, धार

डॉ. जितेन्द्र सोलंकी  
सदस्य  
शासकीय महाविद्यालय,  
मनावर, धार

डॉ. रविकान्त  
सदस्य  
शासकीय महाविद्यालय,  
सैलाना, रतलाम

**NOTIFICATION**

**SUBJECT: Electronics**

Consequent upon the delegation of power by Chancellor of Madhya Pradesh Vishwavidyalaya under sub-section (5) of section 34-A of Madhya Pradesh Vishwavidyalaya Adhiniyam, 1973 vide his order No. F-8-1/2014/R.S./U.A.-3/1263 dated 07-12-2020, I, the Commissioner, Higher Education, Madhya Pradesh, Bhopal hereby constitute, the Central Board of Studies for Electronics as under:-

**Section 34-A (3)(i)**

1. Dr. Pawan Kumar khare, Chairman Board of Studies in Electronics, Rani Durgawati University, Gwalior

**Section 34-A (3)(ii)**

1. Dr. Alok Kumar Rastogi, Professor, Government L.E.H.E., Bhopal
2. Dr. Prashant Selot, Professor, Government Science College, Jabalpur
3. Shri Nagesh Dagonkar, Professor, Government Holkar Science College, Indore
4. Dr. Nagendra Chaturvedi, Professor, Government Model Science College, Gwalior
5. Dr. Ravi Paliwal, Assistant Professor, Government J.N.S. Post Graduate College,

**Section 34-A (3)(iii)**

1. Dr. Niraj Dubey, Professor, Govt. Arts and Commerce College, Sagar
2. Dr. R. K. Vyas, Associate Professor, Rajiv Gandhi Government Postgraduate College, Mandsaur
3. Dr. N.V.K. Prabhakar, Professor, Government M.L.B. Girls P.G College, Bhopal

**Section 34-A (3)(iv)**

1. Sanjay Tiwari, Prof. Pt. R.S.S. University, Raipur, Chhattisgarh
2. S.K. Kak. Prof. BHU, Varanasi, UP
3. A.K. Gupta, Prof., University of Allahabad, Allahabad UP

**Section 34-A (3)(v)**

Commissioner nominee

Dr. Seema hardikar, Govt. SN Girls P.G. College, Bhopal

**Section 34-A (4)(ii)**

Dr. Pawan Kumar khare, Chairman Board of Studies in Electronics, Rani Durgawati University, Gwalior is being nominated as chairman Central Board of Studies for Electronics

(Approved by Commissioner of Higher Education)



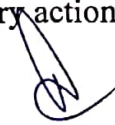
(Dr. Dharendra Shukla )  
Officer on Special Duty  
Higher Education, MP

NO. 819/CHE/Shakha 5A/ 2023

Bhopal, Dated 30/06/2023

Copy to,

1. Principal Secretary to Honourable Governor, Raj Bhavan. Bhopal.
- 2 Special Assistant to Honourable Minister, Department of Higher Education, M.P.
3. Staff Officer to Principal Secretary, Department of Higher Education, Bhopal M.P.
4. P.A to Vice Chancellors of all Universities, M.P.
5. Chairman, Board of Studies for necessary action.
6. All Members of the Central Board of Studies for necessary action.



Officer on Special Duty  
Higher Education, MP