



सत्यमेव जयते

Ministry of Education
Government of India

ARPIT- 2020 EXAMINATION

Exam Date: 10th April, 2021

UGC accorded equivalence of ARPIT Online courses to one refresher course for Career Advancement Scheme.
(3rd December, 2018)

Annual Refresher Programme in Teaching (ARPIT- 2020)

Introduction

1. About ARPIT

The Ministry of Education(MoE) has officially launched online Annual Refresher Programme in Teaching (ARPIT) on 13th November, 2018, initiative of Online Professional Development of 15 lakhs Higher Education Faculty using the **MOOC's* platform SWAYAM***. For implementing ARPIT, 75 discipline-specific National Resource Centres (NRCs) were identified in the year 2018 and 48 discipline-specific National Resource Centres (NRCs) in the year 2019, which were 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. For ARPIT 2020, Ministry decided to re-run ARPIT-2019 courses in ARPIT-2020. The training materials is uploaded and made available through SWAYAM. The ARPIT will revolutionize professional development of faculty by catering to massive numbers by leveraging ICT and Online Technology platform of SWAYAM.

***MOOC's -Massive Open Online Course**

***SWAYAM - Study Web and Active Learning by Young and Aspiring minds.**

UGC has notified equivalence of ARPIT as a refresher course for career advancement of faculty (DO Letter No. F.2-16/2002(PS)Pt.fl.II dated 3 December, 2018)

2. About National Testing Agency (NTA)

Ministry of Education (MoE), Government of India (GOI) has established the National Testing Agency (NTA) as an independent, autonomous, and self-sustained premier testing organization under the Societies Registration Act (1860) for conducting efficient, transparent and international standards tests in order to assess the competency of candidates for admissions to Premier Higher Education Institutions.

*The National Testing Agency (NTA) has been entrusted by the Ministry of Education with the task of conducting examination for **ANNUAL REFRESHER PROGRAMME IN TEACHING (ARPIT)** w.e.f-2019.*

3. ARPIT Examination

Please read this brochure carefully before registering for ARPIT-2020 Examination. The last date for registration is 03rd March, 2021.

National Testing Agency (NTA) would be conducting the examination and **certification would be done through SWAYAM**. Faculty can use certificates for availing the equivalence recognized by UGC, as a refresher course for their Career Advancement Scheme. Non-Faculty Learners also would be given certificates from SWAYAM.

- a) The Examination for the ARPIT Courses is scheduled to be held on 10.04.2021 (Saturday). It would be a Computer Based Test (CBT) of three hrs. duration. The question paper will be of 100 marks with No Negative marking.

- b) The Examination of 48 ARPIT-2020 courses will be held on 10th April, 2021 in two slots/shifts as:

| Date | Exam Timing |
|------------|-----------------------|
| 10.04.2021 | 9:00 AM to 12:00 NOON |
| | 03:00 PM to 06:00 PM |

- c) The slot/shift wise Examination schedule (list of courses) is available at **Annexure I**. Please note that the candidate will be able to appear in examination for only one course in one slot/shift. Once you select the course for exam and pay the fees (in case of Non-Faculty Learner) it cannot be changed.
- d) In case candidate has enrolled for more than one ARPIT-2020 course and Examinations of the corresponding courses are falling in the same time slot, the candidate has to make a choice carefully as to which course he/she would like to appear for examination in that slot.
- e) The learner (*Faculty and Non-Faculty*) who enrolled in any of the 48 courses is eligible for appearing for the Examination of that **course only**.
- f) The learner (*Faculty and Non-Faculty*) who successfully clear the Examinations i.e. score 50% or more marks only will be issued a certificate by SWAYAM, which will be equivalent to one UGC Refresher Course for Career Advancement Scheme of faculty.
- g) The Examination will be held in **140** cities across the country. The state wise list of cities of Examination is available at **Annexure II**.

4. Fee Details

Faculty Learner: In case of faculty who are working in any of the Indian Higher Educational Institutions, there won't be any examination fee. For this purpose, the Faculty has to produce relevant proof of being a faculty in form of Faculty ID Proof/ Appointment Letter/Latest Pay slip/Promotion Order.

Non-Faculty Learner: The examination fee (course wise) for Non-Faculty is Rs. 1000/- for General candidates and Rs. 500/-for SC/ST/OBC/Women/EWS/Transgender and Persons with Disability (PwD) with 40% or more. The proof/ certificate of learner belonging to SC/ST/OBC/PWD/ EWS candidates with disability $\geq 40\%$ would require to be uploaded at the time of registration and original needs to be produced when required for verification.

Note: Due care should be taken in choosing the option of Faculty and Non-Faculty learner while filling registration form otherwise certificate will not be issued.

Method of Deposit of Fee by Non-Faculty Learners

The Fee can be deposited in following mode:

- (i) Debit Card/Credit Card

- (ii) Net Banking
- (iii) Paytm/UPI

5. Choice of Cities for Exam Centre

5.1 The City of Examination Centres where the test shall be conducted are given at **Annexure-II. It is mandatory for candidates to select four cities of their choice while filling Online Application Form of ARPIT- 2020.** Effort will be made to allot Centre of Examination to the candidates in order of the City Choice opted by them in their Application Form. However, due to logistic & administrative reasons, a different city of nearby area may be allotted.

5.2 The City of Examination once chosen and allotted cannot be changed (after the closing of the correction window) and any request in this regard will not be entertained.

6. Procedure for Exam Registration

Step by step procedure for ARPIT-2020 Exam registration can be accessed at link <https://arpit.nta.nic.in/>

7. Learner who want to appear in multiple Exams

Please note that the learner who has undertaken more than one ARPIT-2020 course, would be able to appear in ARPIT-2020 Exam for only one course in each slot/shift i.e. learner can appear for a maximum of two exams spread across two slots.

Those learners who are doing multiple courses should ensure that the courses that they are choosing for Examination are in different slots.

8. Registration Period for Examination of ARPIT-2020

The registrations for ARPIT-2020 Examination will be from **03rd February 2021 to 03rd March, 2021.**

9. Issue of Admit Card

The Admit Card can be accessed from 25 March, 2021 from the link <https://arpit.nta.nic.in/>

10. Declaration of Result

1. The Score Card for the CBT Examination (without internal assessment) could be downloaded from the NTA Website https://arpit.nta.nic.in, Date would be intimated later on the website.
2. Final result will be prepared based on the weightage to both external and internal assessment in the ratio of 70: 30 which shall be declared by SWAYAM-AICTE.

11. Certification

Certification will be issued to all successful candidates based upon the grading system. Obtaining E grade or below 50 % marks will be considered as failure. The scheme of grading is as follows-

- i. Marks obtained equals to < 50 – Grade E
- ii. Marks obtained in the range of 50-59 – Grade D
- iii. Marks obtained in the range of 60-69 – Grade C
- iv. Marks obtained in the range of 70-79 – Grade B
- v. Marks obtained >80 – Grade A

12. Important Dates

| Particulars | Date |
|--------------------------------------|--------------------------|
| Availability of Information Bulletin | 03.02.2021 |
| Availability of FAQs | 03.02.2021 |
| Registration Start Date | 03.02.2021 |
| Registration End Date | 03.03.2021 |
| Application form Correction window | 05.03.2021 to 08.03.2021 |
| Issue of Admit card– Start Date | 25.03.2021 |
| Examination Date | 10.04.2021 |
| Declaration of Result | will be intimated later |

13. Contact Us

For any further clarification, learners can contact helpline no. 0120-6895200 (between 09:30 AM to 06:00 PM). You may also mail us at arpit@nta.ac.in

14. General Instructions

- i. Before registering for the ARPIT-2020 courses kindly go through the Instructions as available on the NTA website for filling the registration form for the candidates.
- ii. Candidates can apply for ARPIT-2020 “Online” only. No offline application will be entertained.
- iii. National Testing Agency (NTA) is entrusted to conduct the ARPIT- 2020 Exam in a CBT Mode.
- iv. The exam would be entirely Computer-Based Test (CBT) of 3 hours duration. The Question Paper will consist of only MCQs.
- v. The paper would be of 100 marks with no negative marking.
- vi. ARPIT-2020 Exam Registration form may be submitted by accessing link <https://arpit.nta.nic.in/>. Candidates must follow the instructions strictly as given in the Information Bulletin and on NTA website. Candidates not complying with the instructions shall be disqualified.

- vii. For Faculty, Proof of identity like Faculty ID Proof/ Appointment Letter/Latest Pay slip/Promotion Order issued by the University/ Institution will required to be uploaded while doing the online registration Examination Form of ARPIT-2020. Similarly Non-Faculty Learner belonging to SC/ST/OBC/Women/EWS and Persons with Disability (PwD) with 40% or more would be required to upload proof / certificate at the time of registration and original needs to be produced when required for verification
- viii. Candidates must retain the following documents with them as reference for future correspondence
- a) A printout of the Confirmation Page of Online Application.
 - b) At least 2 copies of same passport size Photograph that was scanned and uploaded on the Online Application.
 - c) Identity Proof
 - (i) In case of Faculty learner: Faculty ID Proof/ Appointment Letter/Latest Pay slip/Promotion Order.
 - (ii) In case of Non-Faculty learner: Proof /Certificate of learner belonging to SC/ST/OBC/Women/EWS and Persons with Disability (PwD) with 40% or more.
- viii. Candidates must ensure that enrollment ID (provided by AICTE), mobile numbers, e-mail ID filled in online Application Form are their own. The NTA will make communication by SMS and/or e-mail on given mobile number and e-mail ID.
- ix. The NTA will not be responsible for non-receipt of latest information due to wrong mobile number, e-mail ID and correspondence address filled in the Online Application Form.
- x. Ensure that correct data is submitted in Online Application. Candidates will have to upload their latest photograph with white background and signature is also required to be uploaded in the Application Form on the link - <https://arpit.nta.nic.in/>
- xi. A candidate can visit <https://arpit.nta.nic.in/> and view Application Form and can make correction in the Application Form, if any between 05th March, 2021 and 08th March, 2021.**
- xii. Only those candidates who have registered for the ARPIT -2020 course can appear in the ARPIT- 2020 Examination.**
- xiii. Candidate will have option of choosing four cities for Examination. Allotment of centre is made by Computer and there is no human intervention. In case of large number of candidates selecting a particular city, he/she may be allotted next preference due to administrative reasons.
- xiv. After registration for ARPIT-2020 Exam, any failure in taking the exam or for unsuccessful candidate's provision for re-appear examination is available for which exam date will be intimated later through the NTA website.

- xv. Information Bulletin, FAQs and Important Instructions for the Candidates related to the Registration and Examination process is hosted on the NTA- ARPIT website from 03rd February 2021.
- xvi. Particulars filled in Application Form may be chosen carefully as options once exercised cannot be changed later including the choice of City of Examination centre (except during the correction window period).
- xvii. The candidates can download Admit Card for the Examination from the website <https://arpit.nta.nic.in/> from 25th March, 2021.
- xviii. The candidates can download the CBT exam Score Card from the link <https://arpit.nta.nic.in/>
- xix. The candidates can download the final Score Card and Certificate of ARPIT- 2020 from the link <https://swayam.gov.in/>.
- xx. Candidates are advised to regularly access link- <https://arpit.nta.nic.in/> and check their emails/SMS for latest updates. NTA will communicate all instructions through link- <https://arpit.nta.nic.in/>

ANNEXURE- I

**Examination Date – 10 April, 2021
Examination Schedule**

| Course Title | Course Name | 10th April 2021 | |
|--------------|--|---------------------|-----------------|
| | | SHIFT 1 | SHIFT 2 |
| | | 9:30 am to 12:30 pm | 2:30 to 5:30 pm |
| arp20-ap01 | Emerging Areas In Hospital Planning Design Construction And Facilities Management | NO | YES |
| arp20-ap02 | Online Refresher Course In Chemistry For Higher Education | NO | YES |
| arp20-ap03 | Components And Applications Of Internet Of Things | NO | YES |
| arp20-ap04 | Online Refresher Course In Management | NO | YES |
| arp20-ap05 | Gender/Women Studies | NO | YES |
| arp20-ap06 | Climate Change: A Guide For Teachers Of All Disciplines | NO | YES |
| arp20-ap07 | The Trends of Modern Gujarati Literature | NO | YES |
| arp20-ap08 | Online Refresher Course In Law | NO | YES |
| arp20-ap09 | Online Refresher Course in Education (Concerns In Educational Research And Assessment) | NO | YES |
| arp20-ap10 | Big Data Analytics For Smart Grid | NO | YES |
| arp20-ap11 | Ritikalin Hindi Sahitya | NO | YES |
| arp20-ap12 | Curriculum Pedagogy And Evaluation For Higher Education | NO | YES |
| arp20-ap13 | Online Refresher Course In Philosophy | NO | YES |
| arp20-ap14 | ARPIT Refresher Course In Commerce | NO | YES |
| arp20-ap15 | ARPIT Refresher Course in Economics | NO | YES |
| arp20-ap16 | Online Refresher Course in Methodology of Teaching Sanskrit | NO | YES |
| arp20-ap17 | Annual Refresher Programme In English Language Teaching | NO | YES |
| arp20-ap18 | Refresher Course on Teacher and Teaching in Higher Education | NO | YES |
| arp20-ap19 | Leadership And Governance In Higher Education. Level 2 | NO | YES |
| arp20-ap20 | Refresher Course In Psychology | NO | YES |
| arp20-ap21 | Assessment of Practical and Social Skills in Higher Education | NO | YES |
| arp20-ap39 | Fundamental Concepts of Electricity | NO | YES |
| arp19-ap85 | MASS TRANSFER I | NO | YES |
| arp19-ap93 | Professional Development of Home Science Faculty | NO | YES |
| arp20-ap22 | Pedagogical Innovations And Research Methodology (Interdisciplinary) | YES | NO |
| arp20-ap23 | Stars And Stellar Systems | YES | NO |
| arp20-ap24 | ARPIT Course in Financial Markets and Emerging Business Models | YES | NO |
| arp20-ap25 | Sustainable Construction Materials and Techniques | YES | NO |
| arp20-ap26 | Skills For New Educational Architecture | YES | NO |
| arp20-ap27 | Data Analysis For Social Science Teachers | YES | NO |
| arp20-ap28 | Emerging Trends & Technologies in Library & Information Services (ETTLIS) | YES | NO |
| arp20-ap29 | A Practical Refresher In Computer Science | YES | NO |
| arp20-ap30 | A Practical Refresher In Computer Engineering | YES | NO |
| arp20-ap31 | Numerical Methods In Civil Engineering | YES | NO |
| arp20-ap32 | Fourier Analysis and Its Applications | YES | NO |
| arp20-ap33 | Introduction To Quantum Physics and Its Applications | YES | NO |
| arp20-ap34 | Convective Heat Transfer: Fundamentals and Applications | YES | NO |
| arp20-ap35 | History of Indian Science and Technology | YES | NO |
| arp20-ap36 | Refresher Course in Advances in Textile Engineering | YES | NO |
| arp20-ap37 | Urdu Refresher Course | YES | NO |
| arp20-ap38 | Advances in Agricultural Engineering | YES | NO |
| arp20-ap40 | Online Refresher Course In Pharmacy for Higher Education | YES | NO |
| arp20-ap41 | Electronic Systems for Sensor Applications. | YES | NO |
| arp20-ap42 | X-RAY CRYSTALLOGRAPHY | YES | NO |
| arp19-ap59 | Tribal Studies | YES | NO |
| arp19-ap88 | Online Refresher Course in Arts (Literature & Culture) | YES | NO |
| arp19-ap89 | Online Refresher Course in History | YES | NO |
| arp19-ap90 | Online Refresher Course in Political Science | YES | NO |

ANNEXURE- II

List of Examination Cities for ARPIT-2020

| Sr | State | City | Sr. No. | State | City |
|----|--------------------------|----------------------------|------------|-----------------------|--------------------------|
| 1 | ARUNACHAL PRADESH | ITANAGAR/ NAHARLAGUN | 71 | MANIPUR | IMPHAL |
| 2 | ASSAM | DIBRUGARH | 72 | MADHYA PRADESH | BHOPAL |
| 3 | | GUWAHATI | 73 | | GWALIOR |
| 4 | | JORHAT | 74 | | INDORE |
| 5 | | SILCHAR (ASSAM) | 75 | | JABALPUR |
| 6 | | TEZPUR | 76 | | SAGAR |
| 7 | | ANDAMAN AND NICOBAR | PORT BLAIR | | 77 |
| 8 | ANDHRA PRADESH | CHIRALA | 78 | MAHARASHTRA | UJJAIN |
| 9 | | GUNTUR | 79 | | AMRAVATI |
| 10 | | KAKINADA | 80 | | AURANGABAD (MAHARASHTRA) |
| 11 | | KURNOOL | 81 | | JALGAON |
| 12 | | NELLORE | 82 | | KOLHAPUR |
| 13 | | RAJAHMUNDRY | 83 | | MUMBAI/NAVI MUMBAI |
| 14 | | TIRUPATHI | 84 | | NAGPUR |
| 15 | | VIJAYAWADA | 85 | | NANDED |
| 16 | | VISAKHAPATNAM | 86 | | NASHIK |
| 17 | | VIZIANAGARAM | 87 | | PUNE |
| 18 | BIHAR | BHAGALPUR | 88 | MIZORAM | AIZAWL |
| 19 | | DARBHANGA | 89 | NAGALAND | KOHIMA |
| 20 | | MUZAFFARPUR | 90 | ODISHA | BALASORE |
| 21 | | PATNA | 91 | | BERHAMPUR-GANJAM |
| 22 | | ARRAH | 92 | | BHUBANESWAR |
| 23 | CHHATTISGARH | BHILAI NAGAR/DURG | 93 | | CUTTACK |
| 24 | | BILASPUR (CHHATTISGARH) | 94 | | DHENKANAL |
| 25 | | RAIPUR | 95 | ROURKELA | |
| 26 | CHANDIGARH | CHANDIGARH/ MOHALI | 96 | | SAMBALPUR |
| 27 | DELHI | DELHI/NEW DELHI | 97 | PUNJAB | AMRITSAR |
| 28 | GUJARAT | AHMEDABAD/ GANDHINAGAR | 98 | | BHATINDA |
| 29 | | ANAND | 99 | | JALANDHAR |
| 30 | | MEHSANA | 100 | | LUDHIANA |
| 31 | | RAJKOT | 101 | AJMER | |
| 32 | | SURAT | 102 | BIKANER | |
| 33 | VADODARA | 103 | JAIPUR | | |
| 34 | GOA | PANAJI/MADGAON | 104 | RAJASTHAN | JODHPUR |
| 35 | HIMACHAL PRADESH | HAMIRPUR | 105 | | KOTA |
| 36 | | KANGRA/PALAMPUR | 106 | | SIKAR |

| | | | | | |
|----|------------------|----------------------------------|-----|----------------------|------------------------------------|
| 37 | | SHIMLA | 107 | | UDAIPUR |
| 38 | | SOLAN | 108 | SIKKIM | GANGTOK |
| 39 | | AMBALA | 109 | TRIPURA | AGARTALA |
| 40 | HARYANA | FARIDABAD | 110 | TELANGANA | HYDERABAD/SECUNDERABAD/RANGA REDDY |
| 41 | | GURUGRAM | 111 | | KARIMNAGAR |
| 42 | | KARNAL | 112 | | WARANGAL |
| 43 | | HISAR | 113 | | CHENNAI |
| 44 | | YAMUNA NAGAR | 114 | | COIMBATORE |
| 45 | JHARKHAND | BOKARO STEEL CITY | 115 | TAMIL NADU | KANYAKUMARI/NAGERCOIL |
| 46 | | DHANBAD | 116 | | MADURAI |
| 47 | | JAMSHEDPUR | 117 | | SALEM |
| 48 | | RANCHI | 118 | | TIRUCHIRAPPALLI |
| 49 | | HAZARIBAGH | 119 | | TIRUNELVELI |
| 50 | JAMMU | JAMMU | 120 | UTTARAKHAND | DEHRADUN |
| 51 | | SAMBA | 121 | | HALDWANI |
| 52 | SRINAGAR | SRINAGAR | 122 | | ROORKEE |
| 53 | KARNATAKA | BELAGAVI(BELGAUM) | 123 | UTTAR PRADESH | AGRA |
| 54 | | BENGALURU | 124 | | ALIGARH |
| 55 | | DHARWAD/HUBBALLI (HUBLI) | 125 | | ALLAHABAD |
| 56 | | MANGALURU (MANGALORE) | 126 | | BAREILLY |
| 57 | | MYSURU(MYSORE) | 127 | | GHAZIABAD |
| 58 | | SHIVAMOGA (SHIMOGA) | 128 | | GORAKHPUR |
| 59 | | UDUPI/MANIPAL | 129 | | NOIDA/GREATER NOIDA |
| 60 | KERALA | ERNAKULAM/ANGAMALY/MOOVATTUPUZHA | 130 | WEST BENGAL | KANPUR |
| 61 | | KANNUR | 131 | | LUCKNOW |
| 62 | | KOLLAM | 132 | | MEERUT |
| 63 | | KOTTAYAM | 133 | | MORADABAD |
| 64 | | KOZHIKODE | 134 | | MUZAFFARNAGAR |
| 65 | | MALAPPURAM | 135 | | VARANASI |
| 66 | | PALAKKAD | 136 | | ASANSOL |
| 67 | | THIRUVANANTHAPURAM | 137 | | BURDWAN(BARDHAMAN) |
| 68 | | THRISSUR | 138 | | HOOGHLY |
| 69 | | LEH AND LADAKH | LEH | | 139 |
| 70 | MEGHALAYA | SHILLONG | 140 | SILIGURI | |