**List of courses i.e. Refresher courses (RC), Orientation Programme (OP), Short Term Courses and other additional courses for HRD Centres, during the year 2017-18.**

**Cluster I**

| S.No. | Name of HRDC | O.P. | Refresher Courses | |
|---|---|---|---|---|
| | | | S.R.C. | I.D.C. |
| 1 | University of Jammu Jammu | 4 | 1. Languages : <br> 2. Physics <br> 3 Sociology. | 1. Women & Child Development <br> 2. Behavioral Sciences <br> 3. Environmental Sciences. |
| 2 | University of Kashmir, Srinagar | 4 | 1. Bio-science <br> 2. Commerce <br> 3. Humanities | 1. Disaster Management <br> 2. Human Rights <br> 3. Gender Studies |
| 3 | HP University Shimla | 4 | 1. Visual & Performing Arts <br> 2. Social Sciences <br> 3. Life Science | 1. Information Technology <br> 2. Research Methodology in Social Sciences <br> 3. Environment Studies |
| 4 | G.N.D. University, Amritsar | 4 | 1. Earths Science <br> 2. English <br> 3. Physical Education and sports | 1. Research & Teaching Methodology. <br> 2. E-resources & ICT in teaching & research. <br> 3. Culture Tourism & Mass Communication. |
| 5 | Panjab University, Chandigarh | 4 | 1. Social Science <br> 2. Computer Science <br> 3. Journalism & Mass Communication | 1. Professional Courses <br> 2. Research Methodology in Physical & Life Sciences <br> 3. Indian Languages |
| 6 | Punjabi University, Patiala | 4 | 1. Mathematical Science <br> 2. Chemistry. <br> 3. Punjabi | 1. Major Concern in Social Science . <br> 2. Emerging Issues in Information Technology <br> 3. Research Methodologies & Data Analysis |
| 7 | Kurukshetra University, Kurukshetra | 4 | 1. English <br> 2. Laws & Social Transformation <br> 3. Library and Information | 1. Sciences (Physical, Applied & Bio) and Engineering <br> 2. Information Technology |
| 8 | BPS Vishwavidyalaya, Sonepat | 4 | 1. Pharmaceutical Science <br> 2. Sanskrit <br> 3. Business management | 1. Environment Studies <br> 2. Disaster Management <br> 3. Human Rights |
| 9 | G.J.University of Science & Technology, Hisar | 4 | 1. Engineering & Technology <br> 2. Bio &Neno Technology | 1. Information &Communication-on Technology <br> 2. Environment . <br> 3. History & Political Science . |

**Cluster II**

| S.No. | Name of HRDC | O.P. | Refresher Courses | |
|---|---|---|---|---|
| | | | **S.R.C.** | **I.D.C.** |
| 10 | CPDHE University of Delhi, Delhi | 4 | 1.Fine Arts/ Music<br>2.Sanskrit<br>3. Mathematical science | 1. Human Right<br>2. Disaster Management<br>3. Climate Change |
| 11. | Jamia Millia Islamia Delhi | 4 | 1. Mass Communication & Journalism<br>2.Languages.<br>3.Life science & Bio-technology | 1.Global Studies (Social Sciences & Humanities)<br>2.Contemporary Studies (Natural Sciences, Education, Biological Science, Environmental, Demography & Sociology)<br>3.Computer Science, Bioinformatics & Information Technology |
| 12. | J.N.University, Delhi | 4 | 1.English Language, Literature and Culture<br>2.Sociology<br>3.Economics | 1. Mahamana Malviya& his Mission<br>2. Women Studies<br>3. Liberal Arts |
| 13. | A.M.U. Aligarh | 4 | 1.Food Science & Bio Technology<br>2.Arabic/Islamic Studies.<br>3.Library & Information Science | 1. Research Methodology<br>2. Women Studies<br>3. Environmental Studies/ Earth Sciences |
| 14. | University of Allahabad | 4 | 1.Defense Studies<br>2.Laws<br>3.Geology | 1. Environmental Studies<br>2. Social Sciences<br>3. Computer Application |
| 15. | B.H.U. Varanasi | 4 | 1.Oriental Studies<br>2.History<br>3.Medical Science | 1. Human Rights & Social Inclusion<br>2. Media Studies & Governance<br>3. Basic Sciences |
| 16. | DDU Gorakhpur University, Gorakhpur | 4 | 1.Hindi<br>2.Management & Business Studies<br>3.Psychology | 1.Environmental Studies<br>2.Information Technology<br>3.Ethics, Spirituality & Yoga |
| 17. | University of Lucknow Lucknow | 4 | 1.Commerce<br>2.Chemistry<br>3.Zoology | 1. Environment Education<br>2. Research Methodology<br>3. Information & Communication Technology |
| 18. | Kumaun University Nainital | 4 | 1.Physical Education and Yoga<br>2.Botany<br>3.Political Science | 1. Environmental Studies<br>2.Information Technology<br>3.Ethics, Spirituality & Yoga |

Cluster III

| S.No. | Name of HRDC | O.P. | Refresher Courses | |
|---|---|---|---|---|
| | | | **S.R.C.** | **I.D.C.** |
| **19** | Gujarat University Ahmedabad | 4 | 1. Gujarati<br>2. Life Science<br>3. Engineering and Technology | 1. Research Methodology (Languages)<br>2. Environmental Studies .<br>3. ICT (All Subjects) |
| **20** | Saurashtra University, Rajkot | 4 | 1. Nano Technology<br>2. Social Sciences<br>3. Management | 1. Innovative Research Possibilities .<br>2. Achievement Motivation in Education .<br>3. Indian Education System . |
| **21** | S.P.University, Distt. Anand | 4 | 1. Business Studies, Public Administration<br>2. Economics<br>3. Geography. | 1. RC in ICT Applications (Physics, Computer Science, Electronics)<br>2. RC in Scientific Computations/ Mathematics / Statistics<br>3. Disaster Management Course |
| **22** | Dr. B.A.M. University, Aurangabad | 4 | 1. Basic Sciences<br>2. Biological Sciences and Technology<br>3. Commerce | 1. Social Sciences.<br>2. Human Rights.<br>3. Environmental Studies. |
| **23** | University of Mumbai, Mumbai | 4 | 1. Bio-science.<br>2. Chemical Sciences and Technology<br>3. Humanities. | 1. Women and Social Studies<br>2. Tourism & cultural Studies.<br>3. E-business, E-Governance & E-Learning |
| **24** | RTM Nagpur University, Nagpur | 4 | 1. Marathi<br>2. Biology<br>3. Computational Methods in Basic Sciences | 1. ICT Application and Soft Skills<br>2. Agricultural and Allied Sciences<br>3. Research Methodology and Innovations |
| **25** | SP Pune University | 4 | 1. Mathematics<br>2. E-Commerce<br>3. History | 1. Environmental Studies<br>2. Natural & Bio Sciences<br>3. Languages |
| **26** | SGB Amravati University | 4 | 1. Commerce<br>2. Physics<br>3. Library Science | 1. Environmental Studies<br>2. ICT Application<br>3. RC in Human Rights |
| **27** | Goa University | 4 | 1. Hindi<br>2. English<br>3. Chemistry | 1. Social Science<br>2. Energy Studies<br>3. Oceanography. |

Cluster IV

| S.No. | Name of HRDC | O.P. | Refresher Courses | |
|---|---|---|---|---|
| | | | S.R.C. | I.D.C. |
| 28 | Bangalore University, Bangalore | 4 | 1. Biological Sciences and Technology<br>2. Commerce & Management<br>3. English | 1. Women Studies<br>2. Language and Literature<br>3. Engineering Sciences |
| 29 | Karnataka University, Dharwad | 4 | 1. Botany<br>2. Earth Science<br>3. Social Science | 1. Environmental Science<br>2. Disaster Management<br>3. Social Sciences |
| 30 | University of Mysore, Mysore | 4 | 1. Political Science & Public Administration<br>2. Kannada<br>3. Chemistry | 1. Social Sciences<br>2. Basic Sciences<br>3. Education Technology |
| 31 | Andhra University | 4 | 1. Zoology<br>2. Commerce & Management<br>3. Economics | 1. Soft Skills and Personality Development<br>2. Life Sciences<br>3. Research Methodology in Social Science & Arts |
| 32 | University of Hyderabad | 4 | 1. Biotechnology<br>2. Electronics, Electrical & Communication<br>3. Library & Information Sciences | 1. Human Rights<br>2. Life Sciences<br>3. Material Sciences |
| 33 | Osmania University Hyderabad | 4 | 1. English<br>2. Pharmaceutical Science<br>3. Geography & Disaster Management | 1. Soft Skills for Professional Excellence<br>2. Entrepreneurship Development Program<br>3. Recent Trends in Chemical Sciences & Technology |
| 34 | S.V.University, Tirupati | 4 | 1. Mathematics.<br>2. Physical Education<br>3. Humanities | 1. Research Methodology in Social Sciences<br>2. Multiculturalism<br>3. Gender Studies |
| 35 | J.N.Tech. University Hyderabad | 4 | 1. Physics<br>2. English<br>3. Computer Engineering& Information Technology | 1. Social Sciences.)<br>2. Life Sciences.<br>3. Languages. |
| 36 | MANNU University | 4 | 1. Journalism/ Mass Communication<br>2. Urdu<br>3. Teacher Education | 1. Life Sciences<br>2. Computer Sciences, Bio-informatics & Information technology.<br>3. Social Sciences |

**Cluster V**

| S.No. | Name of HRDC | O.P. | Refresher Courses | |
|---|---|---|---|---|
| | | | **S.R.C.** | **I.D.C.** |
| 37 | Bharathiar University, Coimbatore | 4 | 1Applied Mathematics and Statistics<br>2Bio Technology<br>3Library & Information Science | 1. Life Science<br>2. Computer Applications<br>3. Comparative Literature |
| 38 | BharathidasanTiruchirappali | 4 | 1.Bio-Sciences<br>2.Humanities.<br>3.Physical Education | 1. Gender Studies.<br>2. Social Sciences<br>3. Nano Sciences |
| 39 | University of Madras | 4 | 1.Education and Education Technology<br>2.Management Studies<br>3.English Language and Literature | 1. ECOLOGY AND ENVIRONMENTAL SCIENCES<br>2. HUMAN RIGHTS<br>3. EDUCATIONAL TECHNOLOGY & FOOD TECHNOLOGY |
| 40 | Madurai Kamaraj University | 4 | 1. Business Studies & Commerce.<br>2. Political Science<br>3. Engg. Technology. | 1. Life Sciences<br>2. Social Sciences<br>3. ICT. |
| 41 | Pondicherry University | 4 | 1.Mathematics<br>2.Tamil Language and Literature<br>3.Computer Science | 1. History , Political Sciences & Public Administration<br>2. Environmental Science & Geo Sciences<br>3. Education. |
| 42 | University of Calicut | 4 | 1.Bio-sciences<br>2.English & Foreign Language<br>3.Earth-Science | 1. Malayalam & other regional languages..<br>2. Basic Sciences<br>3. Mass Communication. |
| 43 | University of Kerala | 4 | 1.Environmental Sciences<br>2.Comparative Indian Literature<br>3.Economics . | 1. Human Rights  Studies<br>2. Computer Science & Information technology.<br>3. Renewable Energy Studies. |
| 44 | Kannur University | 4 | 1.Commerce and Banking<br>2.Sociology.<br> 3.Bioinformatics Molecular Biology and Microbiology | 1. Material Sciences<br>2. Disaster Management.<br>3. Women Studies |

Cluster VI

| S.No. | Name of HRDC | O.P. | Refresher Courses | |
|---|---|---|---|---|
| | | | S.R.C. | I.D.C. |
| 45 | LNIPE University, Gwalior | 4 | 1. Physical Education<br>2. Sports | 1. E-Commerce & Management<br>2. Instrumental Analytical Methods & Interpretation<br>3. Pedagogy of Science, Humanities & Technology |
| 46 | Rani Durgawati University | 4 | 1. Physics<br>2. Geography<br>3. Social Science | 1. RC in Economics Policy (commerce, Management & Economics<br>2. Research Methodology<br>3. Environment Education and Disaster Management |
| 47 | Devi AhilyaVishwavidyalaya, Indore | 4 | 1. Hindi & Sanskrit<br>2. Chemistry<br>3. Micro-biology & Biotechnology | 1. Commerce & Business Studies<br>2. ICT<br>3. Research Methodology |
| 48 | Dr. H.S. GourVishwavidyalaya, Sagar | 4 | 1. Comparative Indian Literature<br>2. Mass Communication & Journalism<br>3. Social Science | 1. Commerce & Business Studies<br>2. Bio-technology & Information Technology,<br>3. Environmental Studies |
| 49 | Jai NarainVyas University, Jodhpur | 4 | 1. Political Science<br>2. Language & Performing Arts<br>3. Law & Social Transformation | 1. Research Methodology in Arts and Social Sciences<br>2. Human Rights and Women Studies<br>3. Rajasthan Studies and Culture |
| 50 | University of Rajasthan, Jaipur | 4 | 1. Computational Mathematics & Statistics<br>2. Chemical & Pharmaceutical Science<br>3. Commerce | 1. Life Science<br>2. Earth Science<br>3. Laws & Human Rights |
| 51 | M.D.S. University, Ajmer | 4 | 1. Library Science<br>2. Education<br>3. Globalization & Emerging Economics Trends | 1. Computer Applications<br>2. Renewable Energy Studies.<br>3. Life Science |

Cluster VII

| S.No. | Name of HRDC | O.P. | Refresher Courses | |
|-------|--------------|------|-------------------|---|
| | | | **S.R.C.** | **I.D.C.** |
| 52 | Gauhati University, Guwahati | 4 | 1. Commerce & Management Business Studies<br>2. Geography | 1. Assamese & other Regional Languages.<br>2. Earth Sciences<br>3. Emerging Trends in Science & Technology |
| 53 | Manipur University, Imphal | 4 | 1. Biological Sciences<br>2. Social Work<br>3. Chemistry | 1. Manipuri & other Regional Languages.<br>2. Comparative Literature<br>3. Environmental Science |
| 54 | Mizoram University, Aizwal | 4 | 1. Humanities.<br>2. Tribal Studies<br>3. Bio-informatics | 1. Indian Medicinal Plants<br>2. Earth Science & Geography<br>3. Folklorists & semiotics |
| 55 | North-Eastern Hill University, Shillong | 4 | 1. History<br>2. Physics.<br>3. Nano Science &Nano Technology | 1. Advanced in Chemistry & Bio-technology<br>2. Earth Science, Geography & Allied Discipline<br>3. Garo |
| 56 | University of Burdwan, Burdwan | 4 | 1. Hindi<br>2. Electronics & Computer science<br>3. Philosophy | 1. Comparative Literature<br>2. School of Languages & Linguistics<br>3. International Relations |
| 57 | University of Calcutta Kolkata | 4 | 1. Sociology<br>2. Biotechnology<br>3. Bengali | 1. Research Methodology<br>2. Women's Studies<br>3. Legal Studies. |
| 58 | Jadavpur University Kolkata | 4 | 1. Chemistry<br>2. Social Science<br>3. Civil Engineering/Architecture | 1. Disaster Management & Environmental Studies<br>2. ICT.<br>3. Studies in Peace & Conflict |
| 59 | North-Bengal University, Darjeeling | **4** | 1. Economics<br>2. English<br>3. Library & Information | 1. Environment Studies<br>2. Life Sciences<br>3. Renewable Energy. |

**Cluster VIII**

| S.No. | Name of HRDC | O.P. | Refresher Courses | |
|---|---|---|---|---|
| | | | **S.R.C.** | **I.D.C.** |
| 60 | Utkal University, Bhubaneswar | 4 | 1. Linguistics<br>2.Information Technology<br>3.Chemistry | 1. Environment, Forestry and Disaster Management<br>2. Gender Studies<br>3. Research Methodology in Social Sciences & Pure and Applied Sciences |
| 61 | Sambalpur University, Sambalpur | 4 | 1. Odia<br>2. Chemistry & Chemical Technology<br>3. Political Science | 1. Basic Science<br>2. Tribal Studies<br>3. Life Sciences |
| 62 | B.R.A Bihar University, Muzaffarpur | 4 | 1.Sociology<br>2.Indian Language<br>3 Hindi | 1. Social Science<br>2. Basic Science<br>3. Environment Science |
| 63 | Patna University, Ranchi | 4 | 1.Electronics<br>2.Mathematics<br>3.History. | 1. Comparative Literature<br>2. Information Technology<br>3. Renewable Energy. |
| 64 | Ranchi University Ranchi | 4 | 1.Commerce& Management<br>2.Political Science & Public Administration<br>3.English | 1. Sociology & Anthropology<br>2. Research Methodology<br>3. ICT. |
| 65 | Pt. Ravi Shankar Shukla University, Raipur | 4 | 1.Zoology<br>2.Data as Discrete Structure<br>3.Geography | 1. Environment Studies & Disaster Management<br>2. Research Methodology<br>3. Physical Science |
| 66 | Guru GhasidasVishwavidyalay Bilaspur | 4 | 1.Economics<br>2.Botany<br>3.Language and Literature | 1. Changes in Indian Society .<br>2. Earth Science.<br>3. Management of Law & Justice : New Perspectives |

**For all: only following to be allowed under short term Programmes**

1. Research Methodology.
2. Gender Sensitization.
3. Principal meet for one day.
4. Workshop for Academic administrator (2days only )
5. 3 days workshop for scholars on IT or yoga, style /spiritual values and ethics or language & literature or disaster management /business management /stress management by effective teaching methods.

**In addition to the above:-**

**I.** To mandatorily conduct at least one Refresher Course on Teachers' Educators.
**II.** To conduct Summer/Winter Programme under Refresher Course