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**GOVERNMENT OF INDIA**  
**DEPARTMENT OF HEALTH RESEARCH**  
(Ministry of Health and Family Welfare)  
2<sup>nd</sup> Floor, Indian red Cross Society Building  
1, Red Cross Road, New Delhi-110001

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**CALL FOR APPLICATIONS FOR FELLOWSHIPS AND SUPPORT TO  
INSTITUTES FOR TRAINING UNDER THE SCHEME FOR 'HUMAN RESOURCE  
DEVELOPMENT FOR HEALTH RESEARCH'**

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Department of health research (DHR) has a scheme to provide advanced training in India and abroad to medical and health research personnel in cutting edge research areas concerning medicine and health to create trained human resource for carrying out research activities. The scheme has following components:

1. **Long Term Fellowship for 6-12 months in identified areas from regular faculty of Medical Colleges/Universities/Research Institutes for training in Foreign/Indian Institutes (Age: upto 45 years)**
2. **Short Term Fellowships for 1-3 months in identified areas from regular faculty of Medical Colleges/Universities/Research Institutes for training in Foreign/Indian Institutes for training in Indian Institutes (Age: upto 55 years)**
3. **Programme specifically for Women who have had a break in their career**
4. **Scholarships/fellowship to young scientists (medical/non-medical) in newer areas.**
5. **Programme to encourage health research personnel [Non-resident Indian (NRI), Persons of Indian Origin (PIO), Overseas Citizen of India (OCI)] serving abroad, to come back to India for undertaking research in identified areas.**
6. **Support to Indian Institutes for imparting training in identified areas to the Faculty of Medical Colleges/Research Institutes.**
7. **Support to Scientific/Professional Associations/Bodies for organizing technical meetings/conferences/seminars etc.**

Applications are invited in the prescribed format. Eligibility criteria, format of application, terms and conditions, whom to apply and guidelines of the scheme are available on [www.dhr.gov.in](http://www.dhr.gov.in) and [www.icmr.nic.in](http://www.icmr.nic.in). One hard copy of the Application along with soft copy should be addressed to: The Programme Officer, HRD scheme of DHR, Indian Council of Medical Research (ICMR), V. Ramalingaswami Bhawan, Ansari Nagar, New Delhi – 110029 (Ph. 011-26589699). ([guptarb@icmr.org.in](mailto:guptarb@icmr.org.in)). Soft copy may also be sent to Project Manager, HRD Scheme, 2<sup>nd</sup> floor, IRCS Building, Red Cross Road, New Delhi-110001 ([hrd-dhr@nic.in](mailto:hrd-dhr@nic.in))

**Last date of Application: The Scheme is open throughout the year. Therefore, there is no last date of application.**

**GOVERNMENT OF INDIA**  
**DEPARTMENT OF HEALTH RESEARCH**  
**(Ministry of Health and Family Welfare)**

**HUMAN RESOURCES DEVELOPMENT FOR HEALTH RESEARCH**

The vision of the Department of Health Research (Ministry of Health & Family Welfare) is to bring modern health technology to the people through innovations related to diagnostic, treatment methods and vaccines for prevention and to coordinate the research activities in the different areas of Health Research in the country. The country has attained considerable progress in biomedical research and patient care and management over the years but new emerging infections, resistance of the causative agents to existing common drugs coupled with emergence of non-communicable diseases like cancer, diabetes, cardiovascular disorders, mental and neurological disorders, poses a new challenge to the medical and scientific fraternity.

**Objectives of the scheme:**

- i. To increase the overall availability of trained personnel for health research from medical colleges across the country through scholarships, fellowships and career advancement scheme etc. for faculty and young medical doctors and other scientists to take up medical and health research as a career.
- ii. To focus on the creation of a cadre of trained medical/health researchers in specific identified priority areas of health research viz., Clinical Trials; Toxicology; Good Clinical Practices (GCP); Good Laboratory Practices (GLP); Quality Control (QC) & QA; Genomics; Proteomics; Clinical Psychology, Geriatrics; Modern Biology; Biotechnology; Stem cells; Genetics; Drugs chemistry; and operational research etc..
- iii. To create, support, nurture and encourage the trainees from these medical colleges to forge linkages with other scientists from universities, research institutes etc. to develop multidisciplinary and multi-sectoral teams necessary for addressing critical national and local health problems.
- iv. To establish suitable online teaching and learning facilities to facilitate training in health research in various subjects in a more effective manner and for promoting biomedical/health research.
  - Applications are invited in the prescribed format from eligible candidates as specified against each category for award of fellowship to get training in identified/ cutting edge areas of health research under its new schemes '**Human Resources Development for Health Research**'. The main aim of the scheme is to provide '**Advanced training in cutting edge research areas concerning medicine and health for training in India and abroad** and to encourage trained manpower to carryout research activities in cutting edge areas and management of patients in the medical colleges across the country'. About 2/3<sup>rd</sup> of the fellowships will be given to medical colleges /medical institutions in Government sector.

## Who can apply for training/ fellowship/Projects?

- Scientists/ Health Researchers/Professionals in regular employment in the universities, medical colleges, postgraduate institutions, recognized research and development laboratories and Non-Government Organizations who fulfill the eligibility criteria and have a concept research proposals in the identified area to carryout research at present institute / organization. If the Institution is Private/NGO, it must be recognized by DSIR.
- Women scientists with break in career who want to pursue health research
- Young scientists who have completed the degree as per essential qualification, with an aptitude for clinical, biomedical , public health research to pursue career in Health Research
- Non-resident Indian (NRI), Persons of Indian Origin (PIO), Overseas Citizen of India (OCI) serving abroad who want to come back to India for undertaking health research in identified areas

## When and how to submit a proposal

The components of the scheme, format of application, eligibility criteria and terms and conditions can be downloaded from the websites of DHR and ICMR ([www.dhr.gov.in](http://www.dhr.gov.in) and [www.icmr.nic.in](http://www.icmr.nic.in)).

One typed copy of the completed applications, duly approved and forwarded by the Head of Institute along with a soft copy (in word format) is to be submitted to The Programme Officer, HRD scheme of DHR, , Indian Council of Medical Research, V. Ramalingaswami Bhawan, Ansari Nagar, New Delhi- 110029 (Ph 011-26589699). Soft copy may also be sent to Project Manager, HRD Scheme, 2<sup>nd</sup> floor, IRCS Building, Red Cross Road, New Delhi-110001 ([hrd-dhr@nic.in](mailto:hrd-dhr@nic.in))

***Download the Guidelines of scheme***

***Download the components of scheme and eligibility criteria***

### **Download Application Format**

- *Application form for long term/short term fellowship in foreign/Indian institutes - Annexure-I*
- *Application form for Women fellowship/Young Scientist/NRI-Annexure-II*
- *Application form for fellowship to NRI/PIO/OCI-Annexure-III*
- *Application form for submission of research proposal-Annexure-IV*
- *Application form for Support to Institutions-Annexure-V*
- *Application form for Support to Scientific /Professional Associations/Bodies - Annexure-VI*

## **Mechanism of implementation:**

### **(i) Procedure followed in award of fellowship**

The applications in the prescribed format are reviewed by Technical Evaluation Committee of the scheme (TEC). Most of these projects are also reviewed by subject specialists/ subcommittees before being considered by the TECs. The applications/ proposals recommended by the TECs are submitted before the Approval Committee.

The criteria adopted for evaluation include relevance of the topic to national health priorities, possible advancement of knowledge at local institute, improved deliverable basic and clinical science in that particular area and the Potential Clinical application of the knowledge to be generated, the scientific merit of the proposal, availability of basic infrastructure in the host Institution; capability of the applicant to undertake the training and research project. Final approval is given by the Approval Committee under the chairmanship of the Secretary DHR on the recommendation of the TEC.

### **(ii) Monitoring Mechanism**

The Fellows will be submitting the progress report of the fellowship and a report from the mentor of the host institute in a prescribed format. The mechanism of monitoring of project is broadly the same as for adhoc research proposal of ICMR.

### **(iii) Publication of Results/Presentation of Papers:**

The research papers & publications, patents and products developed based on the results of the research project should acknowledge assistance by the DHR. Copies/ reprints of papers published should be sent along with the progress/ final report.

### **(iv) Intellectual Property Rights**

All new intellectual property viz., patents, designs etc. generated as part of the research supported by DHR would belong to the Department. The Department shall have the right to take up patent/design in respect of inventions/discoveries made in research schemes financed by the Department. The project investigators and the staff employed on the project shall not apply or obtain patents without the approval of Department/ICMR. All patents shall be registered in the name of Department of Health Research. The Intellectual Property Rights (IPR) Cell of ICMR/ DHR can provide all necessary assistance in the IPR related issues including patent applications. The fellows are encouraged to publish research papers in the Indian Journal of Medical research, a journal of ICMR .

## **Contact Address**

Project Manager, HRD Scheme  
Department of Health Research  
(Ministry of Health & Family Welfare)  
2<sup>nd</sup> Floor, Indian Red Cross Building  
Red Cross Road,  
New Delhi- 110001  
[Phone No.011-23736085]

The Programme Officer -HRD Scheme  
ICMR – DHR Coordinating Unit  
Indian Council of Medical Research,  
V Ramalingaswami Bhawan,  
Ansari Nagar  
New Delhi-110029  
[Phone: 011-26589699]

## Components of the HRD scheme and Eligibility Criteria

### I. Long Term Fellowship (6-12 months) in Indian institutes:

#### Areas for fellowship:

Toxicology,	Quality Control (QC) and Quality Assurance (QA)
Genomics	Modern Biology
Proteomics	Biotechnology
Geriatrics	Genetics
Stem cell research.	Drugs Chemistry
Clinical Trials	Operational Research
Good Clinical Practices (GCP)	Health Informatics
Good laboratory Practices (GLP)	Medical Ethics
Disease Modeling	Health Economics
Environmental Health	Any other area recommended by the committee as per National Health Policy/ National Health Goals
Mental Health/Clinical Psychology	

#### Eligibility:

1. Only Indian citizens working in Indian institutes are eligible.
2. Having M.D./ M.S./ M.D.S. or MBBS/BDS/ MVSc./ M.Sc./ M.Pharma/ M.Tech or equivalent with Ph.D. in topic related to health research.
3. Faculty having at least three experience in the institute as regular employee.
4. Person with below 45 years of age as on last date of receipt of application
1. Person should not have any fellowship of one month or above duration from any of the agency of Govt. of India / State Govt in the last three years.
6. Fellowship is scientist and area specific and cannot be transferred.

#### Financial mechanism:

1. A consolidated stipend of Rs. 40,000/- per month for a period of stay in host institute, which is at different station from the parent Institute. In case, the training is at the same station, the rate of stipend payable will be Rs.20, 000/- per month.
2. Expenditure on travel will be as per the T.A. rules of the parent organization.
3. One time contingency grant of Rs. 30,000 (maximum) to meet the expenses of travel, local taxi charges, attending meetings etc.
4. The amount (stipend and contingency) will be placed at the disposal of the parent institute for disbursement to the fellow as per the prescribed norms and the parent institute will submit the utilization certificate for the expenditure incurred.
5. The amount released under the scheme will be kept in separate bank account by the concerned institute and a separate account of expenditure will be maintained.
6. The institute shall submit the utilization report and audited statement of accounts carried out by the statutory body of the institute.

**Mode of Selection:**

1. Selection of the “Fellows” will be made through a two tier system of screening. Screening based on the details provided in the prescribed applications by an Expert/ Technical Evaluation Committee at ICMR, followed by interview of short listed candidates, based on merit, by specially constituted Committee by the Secretary DHR. Candidate must route their applications through the Head of the institute agreeing to the terms and conditions.
2. The proposals duly recommended by the Screening Committee and Evaluation Committee of ICMR fulfilling technical and administrative criteria would be referred to the DHR for final approval to Approval Committee constituted by Secretary DHR.

**II. Short Term Fellowship (1-3 months) in Indian institutes****Areas for fellowship:**

Same as given for Long Term Fellowship in Indian Institutes

**Eligibility:**

1. Person with below 55 years of age as on last date of receipt of application.
2. Others conditions are the same as for Long Terms Fellowships in Indian Institutes.

**Financial mechanism:**

Same as given for Long Term Fellowship in Indian Institutes

**Mode of Selection:**

Same as given for Long Term Fellowship in Indian Institutes

### III. Long Term Fellowship (6-12 months) in Foreign Institutes

#### Areas for fellowship:

Toxicology,
Genomics
Proteomics
Geriatrics
Stem cell research.
Any other area recommended by the committee as per National Health Policy/ National Health Goals

#### **Eligibility:**

1. Only Indian citizens working in Indian institutes are eligible.
2. They should hold M.D./ M.S./ M.D.S. or MBBS/BDS/ MVSc./ M.Sc./M.Pharma/M.Tech or equivalent with Ph.D. in health / biomedical research
3. Faculty having at least three experience in the college/institute as a regular employee.
4. Person's upto 45 years of age as on last date of receipt of application will be eligible.
5. They should not have availed any similar fellowship of duration of one month or above duration from any of the agency of Govt. of India / State Govts in the last three years.
6. Fellowship is non transferrable.

#### **Financial mechanism:**

1. A consolidated stipends of US \$ 3000/- per month (or equivalent in other foreign currency) for the period of stay in host institute abroad.
2. Cost of air passage in economy class by Air India from the parent institute to the foreign host institute by the shortest possible route.
3. One time contingency grant of Rs. 50,000 (maximum) to meet the expenses of local taxi charges visa fee and Health insurance, attending meetings etc.
4. A grant of US \$ 600 for fellowship duration for attending conferences /institutes of interest may be given with the recommendations of the Guide in the foreign host institute.
5. The stipend will be given to the 'selected fellow' through bank transaction. In the beginning the equivalent amount in Indian Rs. for first month will be paid to the fellow as advance stipend.
6. The expenditure incurred in the head 'contingency' will be reimbursed to fellow after production of the original voucher.

#### **Mode of Selection:**

Same as given for Long Term Fellowship in Indian Institutes



#### **IV. Short Term Fellowship (1-3 months) in Foreign Institutes**

##### **Areas for fellowship:**

Same as given for Long Term Fellowship in Indian Institutes

##### **Eligibility:**

1. Person's upto 55 years of age as on last date of receipt of application will be eligible.
2. Others conditions are the same as for Long Terms Fellowships in Foreign Institutes

##### **Financial mechanism:**

Same as given for Long Term Fellowship in Foreign Institutes

##### **Mode of Selection:**

Same as given for Long Term Fellowship in Foreign Institutes

## V. Programme specifically for Women:

Short /Long term training in Indian institutes followed by fellowship to women who have had a break in their carrier but having proven aptitude towards health research in front line and emerging areas. The fellowship will be awarded on year to year basis, not exceeding three years, based on the satisfactory progress/ research output. Two categories of the fellowships are given below:

- a **Category A -Fellowships for women who hold MD/ MS/MDS/ or PhD in bio-medical sciences and stipend and contingency grant upto Rs 10 lakhs per year.**
- b **Category B -Fellowships for women who are MBBS /BDS/ MV Sc. or M.Sc. in bio-medical sciences and having at least 2 years working experience in bio-medical contingency grant upto Rs 10 lakhs per year.**

### (a) Areas identified for fellowship:

Toxicology,	Quality Control (QC) and Quality Assurance (QA)
Genomics	Modern Biology
Proteomics	Biotechnology
Geriatrics	Genetics
Stem cell research.	Drugs Chemistry
Clinical Trials	Operational Research
Good Clinical Practices (GCP)	Health Informatics
Good laboratory Practices (GLP)	Medical Ethics
Disease Modeling	Health Economics
Environmental Health	Any other area recommended by the committee as per National Health Policy/ National Health Goals
Mental Health/Clinical Psychology	

### (b) Duration: Upto three years (to be reviewed annually)

### (c) Eligibility

1. Only Indian woman citizen and presently unemployed and having qualifications as prescribed for category A or category B is eligible in respective category.
2. Having M.D./ M.S. / M.D.S. or M.Sc./M. Pharma /M. Tech or equivalent with Ph.D. in topic related to health research for category A. Having MBBS / BDS. or M.Sc. /M. Pharma /M. Tech or equivalent. Atleast two years experience after the degree for category B.
3. The woman shall be submitting the research proposal in either of the identified area in the prescribed adhoc research scheme format through any medical college/bio-medical research institute under a regular faculty of the institute. The research proposal will be reviewed by Technical Evaluation Committee and Approval Committee (budget upto Rs. 30 lakhs for three years). The approved projects will be supported financially.
4. Candidate already in job or registered for Ph.D. or having any other fellowship or support are not eligible.

5. Candidate having research publication in indexed journals will be given preference.
6. Women of 30-50 years of age as on last date of receipt of application are eligible.
7. Fellowship is scientist and area specific and cannot be transferred.

**(d) Financial mechanism:**

1. Category A: A fellowship of Rs. 60,000/- per month (for medical persons) and Rs. 50,000/- pm for non-medical woman for a period of 2+1 years.
2. Category B: A fellowship of Rs. 50,000/- per month (for medical persons) and Rs. 42,000/- per month for a period of 2+1 years.
3. Expenditure on travel will be as per the T.A. rules of the organization where research is being carried out.
4. The fellowship will be sanctioned, initially for one year only. It will be reviewed periodically by expert group and shall continue only after receiving the satisfactory report from the expert panel.
5. The amount (fellowship and project grant) will be placed at the disposal of the parent institute for disbursement to the fellow as per the prescribed norms and the grant amount will be released in two installments every year. The second installment of the year will be released on receipt of statement of accounts of first installment and 70% of grant has been utilized.
6. The amount released under the scheme will be kept in separate account by the concerned institute and a separate account of expenditure will be maintained.
7. The institute shall submit the utilization certificate under GFR and audited statement of accounts carried out by the statutory body of the institute.

**(e) Mode of Selection:**

1. Selection of the "Fellows" will be made through a two tier system of screening. Screening based on the details provided in the prescribed applications by an Expert/ Technical Evaluation Committee at ICMR, followed by interview of short listed candidates, based on merit, by specially constituted Committee by the Secretary DHR. Candidate must route their applications through the Head of the institute agreeing to the terms and conditions.
2. The proposals duly recommended by the Screening Committee and Evaluation Committee of ICMR fulfilling technical and administrative criteria would be referred to the DHR for final approval to Approval Committee constituted by Secretary DHR.

**VI. Scholarship /fellowship programme to young scientists in newer areas for three years**

These fellowships aim to fulfill the objectives of creation of inclination / attitude of research among the young bright students from the medical colleges / universities. Student having bright academic record who are pursuing their degrees i.e. MD/MS/MDS/MBBS/ M.Pharma/ M.Tech/ M.Sc. etc. will be considered for scholarships upto three years in cutting edge areas of health research. These fellows will be carrying out their research activities under the supervision of some faculty member of institute/ medical college. The fellowship will be awarded on year to year basis, not exceeding three years, based on the satisfactory progress/ research output. Two categories of the fellowships are given below.

- a) **Category A** -Fellows who hold MD/ MS /MDS or MBBS/BDS/ M.Pharma/ M.Tech/ M.Sc along with PhD in bio-medical sciences. The selected fellows will be provided stipend and a contingency grant upto Rs 10 lakhs per year.
- b) Fellows who hold MBBS/BDS /MVSc. or M. Pharma /M.Tech /M.Sc. or equivalent in bio-medical sciences. The selected fellows will be provided stipend and a contingency grant and a contingency grant upto Rs 10 lakhs per year.

**(a) Areas identified for fellowship:**

Toxicology,	Quality Control (QC) and Quality Assurance (QA)
Genomics	Modern Biology
Proteomics	Biotechnology
Geriatrics	Genetics
Stem cell research.	Drugs Chemistry
Clinical Trials	Operational Research
Good Clinical Practices (GCP)	Health Informatics
Good laboratory Practices (GLP)	Medical Ethics
Disease Modeling	Health Economics
Environmental Health	Any other area recommended by the committee as per National Health Policy/ National Health Goals
Mental Health/Clinical Psychology	

**(b) Duration: Upto three years (to be reviewed annually)**

**(c) Eligibility**

1. Only Indian citizen are eligible.
2. Persons with MD/MS/MDS or M.Sc. /M.Tech. /M.Pharma with Ph.D. or MBBS/ BDS/ M.Sc. /M.Tech. /M.Pharma who have high academic record.
3. The persons should have proven aptitude for research in new areas.
4. The young scientist shall be submitting the research proposal in the prescribed adhoc research scheme format in either of the identified area through any medical college/bio-medical research institute under a regular faculty of the institute. The

research proposal will be reviewed by Technical Evaluation Committee and Approval Committee (budget upto Rs. 30 lakhs for three years). The approved projects will be supported financially.

5. Age limit: 30 years
6. Fellowship is scientist and area specific and cannot be transferred
7. The fellow shall submit a research proposal and shall be working with or under the supervision of a regular faculty of a Research Institute.

**(d) Financial mechanism**

1. A fellowship of Rs. 65,000/- per month (for medical persons with post graduate degree) and Rs. 50,000/- pm for non-medical (with Ph.D.) for a period of 2+1 years for category A.
2. A fellowship of Rs. 50,000/- per month (for medical persons with MBBS) and Rs. 42,000/- per month for others for a period of 2+1 years for category B.
3. The amount (fellowship and contingency) will be released to the institute in favour of the Head, and will be kept in separate account.
4. Work of the fellow will be reviewed periodically by expert group and shall continue only after receiving the satisfactory report from the expert panel.
5. Expenditure on travel will be as per the T.A. rules of the organization where research is being carried out.
6. The fellowship will be sanctioned, initially for one year only. It will be reviewed periodically by expert group and shall continue only after receiving the satisfactory report from the expert panel.
7. The amount (fellowship and project grant) will be placed at the disposal of the parent institute for disbursement to the fellow as per the prescribed norms and the grant amount will be released in two installments every year. The second installment of the year will be released on receipt of statement of accounts of first installment and 70% of grant has been utilized.
8. The institute shall submit the utilization certificate under GFR and audited statement of accounts carried out by the statutory body of the institute.

**Mode of Selection:**

Same as for item No. V, i.e. Fellowship for women candidate.

**VII. Programme to encourage research personnel [Non-resident Indian (NRI), Persons of Indian Origin (PIO), Overseas Citizen of India (OCI)] serving abroad, to come back to India for undertaking health research in identified areas.**

A large number of Indian scientists go to foreign countries, especially the European and North American countries, after completing their education in India and many of them are working in reputed medical/health research organizations. A number of these scientists are willing to return back to India to serve the country in the field of health research, provided they get suitable opportunities. Since many of these scientists have exposure to high technologies in the front areas of research, country will benefit greatly if they are provided some platform to work in Indian institutes. **The Department of Health Research (Ministry of Health & Family Welfare), Government of India, has launched the programme “to encourage research personnel [Non-resident Indian (NRI), Persons of Indian Origin (PIO), Overseas Citizen of India (OCI)] serving abroad, to come back to India for undertaking research in identified areas”.**The scheme will provide contractual research positions on a fulltime basis for short duration to pursue medical/health research in India and take up health research projects in collaboration with Indian scientists, particularly in areas of national priority.

**(a) Areas identified for Research:**

Toxicology,
Genomics
Proteomics
Geriatrics
Stem cell research.
Any other area recommended by the committee as per National Health Policy

**(b) Eligibility**

1. Only persons of Indian origin, non-resident Indian, and oversea citizen of India, as defined by Government of India, and currently working abroad.
2. Having M.D./ M.S. / M.D.S. or M.Tech / MVSc./ M.Sc./M. Pharma /M. Tech or equivalent with Ph.D. in topic related to health research.
3. The candidate shall be submitting the research plan in either of the identified area through any medical college/bio-medical research institute under a regular faculty of the institute ([http://www.icmr.nic.in/Forms/Download\\_Forms.html](http://www.icmr.nic.in/Forms/Download_Forms.html)).
4. Candidate should be below the age of 40 years.
5. Programme is scientist and area specific and cannot be transferred.
6. Work of the fellow will be reviewed periodically by expert group and shall continue only after receiving the satisfactory report from the expert panel.

**(c) Financial mechanism**

1. Each selected candidate shall be eligible to receive a consolidated amount of Rs.10.00 lakhs per annum (or equivalent to the scale of the Assistant Professor/Scientist ‘C’ in the Medical Colleges/Research Institutions), for 3 years, extendable upto a maximum period of 5 years.

2. In case the researcher finds a permanent position during the tenure of the position, the remuneration shall be discontinued from the day he/she joins in permanent position but he/she may continue with the research project awarded in the scheme for the balance period to carry out research at the new position.
3. Provision would be available for supporting a research staff out of Research Grant during the tenure of the award.
4. In the event of getting employment elsewhere other than the present Host Institute, the Awardees could also be allowed to move the research student along with him/her to new place within the country.
5. Additional Funding would be available for research studies/projects costing up to Rs.1.00 crore, for the entire duration of the study. The proposed expenditure on the study would not include the expenditure on the salary of the Research Scientist.
6. The selected proposal of the NRI/OCI/PIO would be funded under this scheme for project duration of up to three years, extendable at the discretion of the Expert Committee up to a maximum of 5 years.
7. The Research Grant for the project which mostly will be of laboratory nature; shall be trifurcated into three broad budget heads with the following indicative break up:
  - a) Recurring (including Project Manpower, Travel, Consumables & Contingencies - 60%
  - b) Capital Equipment- 35%
  - c) Overhead - 5%

However, Travel and Contingencies would be limited to 10% each.

8. Each Awardees needs to provide proposal with detailed break up as above for utilization of Research Grant and the Host Institution needs to adhere the approved breakup for entire project period.
  9. The amount (consolidated salary and fund for the research project) will be released in favour of the Head of the Host Indian Institution, where the research project will be undertaken, and will be kept in separate account.
- (d) **Duration:** Upto 3 years (To be renewed annually)

(e) **Mode of Selection:**

1. Selection of the “Fellows” will be made through a two tier system of screening. Screening based on the details provided in the prescribed applications by an Expert/ Technical Evaluation Committee at ICMR, followed by interview of short listed candidates, based on merit, by specially constituted Committee by the Secretary DHR. Candidate must route their applications through the Head of the institute agreeing to the terms and conditions.
2. The proposals duly recommended by the Screening Committee and Evaluation Committee of ICMR fulfilling technical and administrative criteria would be referred to the DHR for final approval to Approval Committee constituted by Secretary DHR.

### **Monitoring of the work:**

- 4.1 The work/ progress will be evaluated periodically by the Technical Evaluation Committee or Expert Committee constituted by Secretary DHR following the guidelines being adopted at ICMR.

### **Roles and requirements of host institutions:**

- i. Host institutions should be encouraged to provide a congenial atmosphere for the awardees to excel in their work.
- ii. Access to all common infrastructural facilities, acceptable laboratory and office space (Independently or on shared basis), computing, library access, etc.,
- iii. Host-institution's willingness to consider the candidate for a permanent position in due course will be subject to meeting, rules, regulations and all relevant statutory requirements.
- iv. Furnishing of the Utilization Certificate (UC) and the audited statement of account from the audit authority, as applicable to the Host Institute, as per the provisions of the General Financial Rules.

## **VIII. Support to Indian Institutes for imparting training to the Faculty of Medical Colleges/ Research Institutes:**

### **(a) Eligibility**

1. Institutes having state of the art facility in either one or more disciplines identified in the high focus areas of the scheme will be identified by the Expert Committee constituted by the Secretary, DHR from the various institutes all over the country.
2. A committee of experts constituted by the Secretary DHR shall draft the structure/content of the course.
3. The institutes will impart training to the selected fellows as per the "designed training course /structure".

**(b) Areas of Training:** Geriatrics, Stem Cell Research, Good Clinical Practices (GCP), Good Laboratory Practices (GLP), Quality Control (QC) and Quality Assurance (QA), Modern Biology, Genetics, Drugs Chemistry, Operational Research, Medical Ethics, Disease Modeling, Health Economics, Environmental Health

### **(c) Financial mechanism:**

1. The Grant of upto Rs. 50 lacs will be given to the institute to upgrade its infra-structural facilities as relevant/required for the trainees.
2. The identification of the amount of grant will depends of the quantum of facilities to be upgraded / newly established as identified the Expert Group Committee.
3. The grant will be released to the Head of the institute and a utilization certificate will be obtained from the institute as per GFR.
4. Utilization certificate will be obtained from the institute.
5. The audited statement of accounts, carried out by 'statutory audit body' for the institute will be obtained.



## Annexure I

### **Application format for Long Term/ Short Term Fellowship in Indian or Foreign Institutes under the Scheme of Human Resource Development for Health Research**

<b>1. GENERAL INFORMATION</b>	
1.1 Name (in block letters)	
1.2 Nationality	
1.3 Category of Fellowship (Please select: Long Term/ Short Term Fellowship in Indian / Foreign Institute)	
1.4 Gender	
1.5 Qualification	
1.6 Postal address for correspondence with Pin code: Phone: Mobile No. Email:	
1.7 Permanent address Also give the domicile in India along with address proof.	
1.8 Date of Birth and age as on date of submission of application; with proof	
1.9 Present Employment Post held Temporary/Permanent Grade of Pay Salary drawn Total experience (in years) as a regular employee: Type of Institute: Govt./ Pvt./NGO Is your Institute DSIR certified? (In case of Private/ NGOs)	
1.10 Employer's name and address with Pin code: Phone: Mobile No. Email:	

1.11 State whether you availed any similar fellowship/training of duration one month or above from any agency of GOI/State Govt. in last 3 years (Yes/No) If yes, please provide the following details: i) Name of the fellowship and funding agency ii) Year of award iii) Duration of fellowship/training (From.....To.....) iv) Name of the Institution, where training was received v) Area of training vi) Research techniques in which training was received vii) How was the training utilized?	
1.12 State whether you belong to OBC/SC/ST/Physically handicapped category. If yes, attach document proof	
1.13 Have you ever been debarred from fellowship by DHR?	
1.15 Name and address of two referees	

## 2. ACADEMIC RECORD

**2.1 List serially, the particulars of all examinations passed from Graduation onwards. Attach copies of each Degree/certificate.**

Degree/ Examination	Name of the degree alongwith subjects	Year of passing	Name of the College/ University	%age of marks obtained	Subject of thesis, if any
Graduation					
Post-graduation					
Ph.D					
Any other examination passed					

**2.2 State Medals, Scholarships, Prizes and any other award, distinction or honour won**

### 3. CAREER AT A GLANCE

List all appointments held in chronological order up to the present one (both teaching/research) (attach copies of relevant certificates)

Post held	Period From - To	Name of employer & address	Govt. / Pvt	Temporary / Regular	Pay Grade	Salary last drawn	Nature of duty	Special remarks if any

### 4. RESEARCH EXPERIENCE

4.1 Projects undertaken with title of project and source of funding

4.2 List of publications in indexed journals alongwith Impact Factor and ISSN No. of the journal. Enclose reprints of very important publications related to the subject of proposed training.

4.3 List of books/ chapters in books published.

4.4 List of workshop/seminars/conferences attended in the relevant/associated field.

4.5 Research/academic credentials/patents/vaccines/any other relevant achievements

### 5. PARTICULARS OF THE PROPOSED TRAINING PROGRAMME AND RESEARCH PROPOSAL TO BE SUBMITTED AFTER TRAINING

5.1 Area of Fellowship (as per the priority areas identified for each type of fellowship)	
5.2 Proposed duration of Fellowship	
5.3 Name, designation and address of the Mentor. Please attached Consent letter from the Mentor.	
5.4 In case of fellowships proposed in foreign Institutes, state whether the training facility is available in Indian Institutes alongwith justification for requirement of training in Foreign Institute.	
5.5 Justification for the need of the training in relation to the ongoing research work (if any) and utilization plan of knowledge gained.	
5.6 Techniques to be learnt during training	
5.7 Relevance of the training in public health	
5.8 Brief concept proposal with title, aims	

and objectives (About 300 words) which will be submitted after the training*	
5.9 State whether all the facilities and essential equipment needed to carry out the research work after availing the training are already available in the institute where the candidate is employed.	

\*NOTE: If selected, each candidate is required to submit a research proposal (on the basis of expertise acquired during training) under 'Startup Grant' (for details, see the Guidelines of HRD Scheme) after the completion of training. Brief concept proposal (upto 300 words) regarding the proposed project has to be submitted alongwith the application form.

### **UNDERTAKING**

I have read the terms and conditions of the award and accept them and agree to abide by them if the fellowship is offered to me.

I certify that, to the best of my knowledge, the particulars given in this application are correct.

I also give an undertaking to report to DHR/ICMR regarding my research output (projects, publications etc), if selected , thereafter for 3 years after completion of training/project.

Date

Signature of the applicant

### **Certificate by the Head of the Institute**

I recommend \_\_\_\_\_ for the fellowship/training applied for and certify that he/she is actually engaged in of the institute as relevant to the project mentioned in the application. The training desired is essential for carrying out the proposed research project. All the facilities and equipment needed for the proposed research work are available in the Institute or shall be made available to him/her on his/her return from the training. The institute shall continue to pay salary and other benefits such as leave, medical gratuity, GPF, pension as applicable to the applicant while he/she is away for the fellowship. The Institute shall relieve \_\_\_\_\_, if selected for the training programme.

It is certified that all the particulars furnished above are correct as per the official record available in the Institute.

Signature

Name in Block Letters  
(Head of the Institution/Organization)

**NOTE:**

- (a) Kindly submit typed applications only.
- (b) All answers should be given in words and not by dashes. Strike off those not applicable
- (c) Incomplete applications will be rejected.

## Annexure II

### **Application format for Fellowship Programme for Women scientists with break in career and Young scientists under the Scheme of Human Resource Development for Health Research**

#### **PART 1**

<b>1. GENERAL INFORMATION</b>	
1.1 Name (in block letters)	
1.2 Nationality	
1.3 Fellowship Programme applied for: Women Scientist/Young Scientist	
1.4 Category of the fellowship applied for : Category A(Medical/Non Medical) Category B (Medical/ Non Medical)	
1.5 Area of fellowship (as per the priority areas identified for the programme)	
1.6 Postal address for correspondence with Pin code: Phone: Mobile No. Email:	
1.7 Permanent address Also give the domicile in India along with address proof	
1.8 Date of Birth and age as on date of submission of application; with proof	
1.9 Current employment: Yes/No If yes, give details regarding post, nature of employment (temporary or permanent), pay scale.	
1.10 Are you currently registered for Ph.D? (Yes /no)	
1.11 Are you currently availing or previously availed fellowship through any other scheme? If yes, give the following details: i) Name of the fellowship and funding agency ii) Year of award ii) Duration of fellowship (From ---to...) iii) Name of the Institution, where research was undertaken iv) Title of the project undertaken	
1.12 No. of Years of service before Break in Career (give period of break in date/month/year) Applicable only for women with break in career.	
1.13 No. of Years of Break in career (give period of break in date/month/year) Applicable only for women with break in career	
1.14 Reason for break in career (Please attach supporting documents)	



#### **4. RESEARCH EXPERIENCE**

4.1 Projects undertaken, if any, with title of project and source of funding

4.2 List of publications in indexed journals alongwith Impact Factor and ISSN No. of the journal. Enclose reprints of very important publications related to the subject of proposed training.

4.3 List of books/ chapters in books published, if any.

4.4 List of workshop/seminars/conferences attended in the relevant/associated field.

4.5 Research/academic credentials/patents/vaccines/any other relevant achievements, if any

#### **PART II**

**Research proposal** in the format given at Annexure IV

#### **UNDERTAKING TO BE GIVEN BY THE FELLOW**

I have read the terms and conditions of the award and accept them and agree to abide by them if the fellowship is offered to me.

I certify that, to the best of my knowledge, the particulars given in this application are correct.

I also give an undertaking to report to DHR/ICMR regarding my research output (projects, publications etc), if selected , thereafter for 3 years after completion of training/project.

Date

Signature of the applicant



**Certificate by the Supervisor and Head of the Institute where research is proposed**

- i. I recommend \_\_\_\_\_ for the fellowship applied and certify that he/she will be given all the institutional facilities to carry out the research work. The fellow will also be considered as a potential candidate for a permanent position in due course subject to meeting, rules, regulations and all relevant statutory requirements.
- ii. All the facilities and equipment needed for use of the research work are available in the Institute or shall be made available to him/her.

Name & Signature with seal  
(Head of the Institution/Organization)

Name & Signature with seal  
(Mentor/supervisor)

***NOTE:***

Kindly submit typed applications only

All answers should be given in words and not by dashes. Strike off those not applicable

Incomplete applications will be rejected

## ANNEXURE III

### **Application format for Fellowship programme for NRIs/OCI/PIO to undertake health research in India under HRD Scheme of DHR.**

#### **PART 1**

1.	<b>GENERAL INFORMATION</b>	
i.	Name (in block letters)	
ii.	Nationality	
iii.	Gender	
iv.	Permanent address Also give the domicile in India along with address proof	
v.	Date of Birth and age as on date of submission of application; with proof	
vi.	Postal address for correspondence with Pin code: Phone: Mobile No. Email:	
vii.	Area of fellowship ( as per the priority areas for the programme)	
viii.	Current employment (Give designation and name of Institute)	
ix.	Do you have at least three years of research experience in the foreign country as NRI/PIO/OCI; after obtaining the essential qualification?	
x.	Particulars of the Institution where research project will be undertaken: a) Name b) Type of Institute: Govt./ Pvt./NGO c) If Pvt or NGO, is the Institution DSIR certified?	



#### 4. EMPLOYMENT RECORD

List all appointments held in past in chronological order: (attach copies of relevant certificates)

Post held	Period (From -To)	Name of employer & address	Govt. / Pvt	Temporary / Regular	Pay Grade	Nature of duty	Special remarks, if any

#### 5. RESEARCH EXPERIENCE:

I. Post-Doctoral work experience in overseas labs (attach copies of supporting documents)

Designation/Title	Organisational address	Duration		Total duration in months
		From	To	
Total work experience abroad				

- II. Total no. of research publications (enclose a list alongwith impact factor and ISSN No of the journal)
- III. Total number of publications as first author
- IV. Total number of publications as corresponding author
- V. Major R& D Projects completed/funding obtained during the last 5 years:

<b>Title of the project</b>	<b>Amount of grant</b>	<b>Duration of project</b>	<b>Name of Institute where project was undertaken</b>	<b>Funding agency</b>	<b>Brief Achievements</b>

VI. Patents awarded/ technology developed

## **PART II**

**Research proposal** in the format given at Annexure IV

### **UNDERTAKING TO BE GIVEN BY THE FELLOW**

I have read the terms and conditions of the award and accept them and agree to abide by them if the fellowship is offered to me.

I certify that, to the best of my knowledge, the particulars given in this application are correct.

I also give an undertaking to report to DHR/ICMR regarding my research output (projects, publications etc), if selected , thereafter for 3 years after completion of training/project.

Date

Signature of the applicant

**Certificate by the Head of the Institute where research is proposed**

- i. I recommend \_\_\_\_\_ for the fellowship applied and certify that he/she will be given all the institutional facilities to carry out the research work. The fellow will also be considered as a potential candidate for a permanent position in due course subject to meeting, rules, regulations and all relevant statutory requirements.
- ii. All the facilities and equipment needed for use of the research work are available in the Institute or shall be made available to him/her.

Name & Signature with seal  
(Head of the Institution/Organization)

Name & Signature with seal  
(Co-Investigator)

*NOTE:*

Kindly submit typed applications only

All answers should be given in words and not by dashes. Strike off those not applicable

Incomplete applications will be rejected

**APPLICATION FORMAT FOR RESEARCH PROJECT TO BE SUBMITTED  
UNDER HRD SCHEME OF DHR**

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**Section A  
GENERAL**

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1. Title of the Research Project
2. Name, Designation and email of
  - i) Fellow
  - ii) Mentor/Co-Investigator
1. Duration of Research Project
  - i) Period which may be needed for collecting the data
  - ii) Period that may be required for analyzing the data
2. Objectives
3. Summary of the proposed research (up to 150 words) indicating overall aims of the research and importance/**public health relevance** of the research proposal.
4. Present knowledge and relevant bibliography including full titles of articles relating to the project.
5. Preliminary work already done by the Investigator on this problem, e.g. selection of subjects, standardization of methods, with results, if any.
6. Links with other ICMR/DHR projects (ad-hoc, task force or collaborative).
7. List of important publications of last 5 years of the fellow and mentor/co-investigator in the relevant field (enclose reprints, if available)
8. Detailed research plan. (give here the design of study, indicating the total number of cases/samples/animals to be studied, the mode of selection of subjects specially in experiments involving human beings, equipments and other materials to be used, methodology/techniques to be employed for evaluating the results including statistical methods any potential to obtain patents etc.)
9. Facilities in terms of equipment, etc, available at the sponsoring institution for the proposed investigation.

Total Amount of grant-in-aid asked for the project:

Budget	1 <sup>st</sup>	2 <sup>nd</sup> year	3 <sup>rd</sup> year	Total
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requirements	year			
Staff				
Contingency: Recurring Non-recurring				
Overhead charges				
Total				

7. Is radio tagged material proposed to be used in the project either for clinical trials or experimental purposes? If so, clearance from Nuclear Medicine Committee, Bhabha Atomic Research Centre, Mumbai, indicating should be attached.
8. Projects involving recombinant DNA/Genetic engineering work should be examined and certificate by the Institutional Biosafety Committee (IBSC) to be enclosed. Guidelines for constitution of IBSC can be obtained from Secretary, Department of Biotechnology, CGO Complex, Lodhi Road, New Delhi-110003.
9. Approval of the institutional ethics committee (IEC) should be enclosed. Guidelines for **IEC** for animal experiments should follow CPCSEA requirements and for human studies should follow ICMR guidelines.
10. The Institution where the study is being done should ensure that there is no financial conflict of interest by the investigators.

### **DECLARATION AND ATTESTATION**

- i. I/We have read the terms and conditions for HRD Scheme of D/O Health Research. All necessary Institutional facilities will be provided if the research project is approved for financial assistance.
- ii. I/We agree to submit within one month from the date of termination of the project the final report and a list of articles, both expendable and non-expendable, left on the closure of the project.
- iii. I/We agree to submit audited statement of accounts duly audited by the auditors as stipulated by the ICMR/DHR.
- iv. It is certified that the equipment(s) is/are not available in the Institute/Department or



these are available but cannot be spared for the project

- v. It is further certified that the equipment(s) required for the project have not been purchased from the funds provided by ICMR/DHR for another project(s) in the Institute.
- vi. I/We agree to submit (online) all the raw data (along with descriptions) generated from the project to the ICMR/DHR Data Repository within one month from the date of completion /termination of the project.

If any equipment already exists with the Department/Institute, the investigator should justify purchase of the another equipment.

Signature of the:

- a) Fellow \_\_\_\_\_
- b) Mentor /Co-Investigator \_\_\_\_\_
- c) Head of the Department \_\_\_\_\_

Signature of the Head of the Institution with seal

Date:

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Adequate information must be furnished in a brief but self-contained manner.

**Section-B**

**BIODATA OF THE MENTOR/CO-INVESTIGATOR**

- 
1. Name (Dr./Kum./Smt./Shri) \_\_\_\_\_  
First name(s)      Surname
  2. Designation:
  3. Complete Postal Address, Telephone Number, Fax, e-mail etc.
  4. Date of Birth:
  5. Educational Qualification : Degrees obtained (Begin with Bachelor's Degree)

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Degree	Institution	Field(s)	Year
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6. Research/Training Experience

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Duration	Institution	Particulars of work done
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7. Research specialization (Major scientific fields of interest)

8. Important recent publications (last 5 years, with titles and References), including papers In press
  9. \*Financial support received
    1. From ICMR/DHR
      - Past
      - \*Present
      - \*Pending
    2. From other sources
      - Past
      - \*Present
      - \*Pending
- 

\* This information must be given, otherwise the application will be returned. In case no financial assistance has been received, nil should be stated. Indicate titles of the projects and reference number, if available, for ICMR/DHR grants.

## Annexure V

### **‘Support to Indian Institutes for imparting training’ to the Faculty of Medical Colleges/ Research Institutes under HRD Scheme of DHR**

**Performa for inviting applications for support to institutions to impart training programmes.**

#### 1. Area of Training

Toxicology,	Quality Control (QC) and Quality Assurance (QA)
Genomics	Modern Biology
Proteomics	Biotechnology
Geriatrics	Genetics
Stem cell research.	Drugs Chemistry
Clinical Trials	Operational Research
Good Clinical Practices (GCP)	Health Informatics
Good laboratory Practices (GLP)	Medical Ethics
Disease Modeling	Health Economics
Environmental Health	
Mental Health/Clinical Psychology	Any other area recommended by the committee as per National Health Policy/ National Health Goals

2. Name of the Institution and contact details

3. Head of the Institution and contact details

4. (a) Name of the Applicant/Principal Investigator and contact details

(b) Name of the Co-Applicant/Co-Principal Investigator and contact details

(c) Head of the Department and contact detail

(d) Any prior experience / expertise in providing training courses / programmes (both conventional and online) in above areas of research: Please state the duration and the category of participants in the given tabular format

S. No.	Area	Duration	Type of Programme	Category of participants- Undergraduate/ Post graduate/Post Doctoral faculty/
1			Conventional/Online	
2				

5. The Detail of training modules for faculty of Medical Colleges /Research institutions. Duration should be at least of 4 to 6 weeks to 12 weeks depending upon the training programme. Please include a programme of research mythology of 3 to 4 days.

### THE TRAINING MODULES FORMAT

**Programme** (Duration of the training (4 to 12 weeks and /or long term programmes of 6 to 12 months).)

S No	Topics with Schedule	Training to be provided to the candidate (day-to-day teaching program, theory and practical
1.	A	
	B	
	C	
	D	
2.	Relevance in Public Health	

Guideline: Please prepare a module covering the basis/generalized & advance application topics in the identified area and the disease specific approach using the technology can be added to explain the application of technology.

6. Existing faculty members, their details, positions, posts available with the institution for imparting proposal programme.

S. No.	Faculty i.e. with names and designation	Research interest of faculty (Please attach a brief biodata of faculty)

7. Available infrastructure facilities

- a. Existing laboratory facilities to be (Please attach a brief biodata used importing training)
- b. Back-up existing internet facilities to provide online course

c. Hostel

d. Others

8. Additional resources required from DHR to strengthen the existing institutional facilities for providing training courses / programmes (both conventional and online). Provide detail lists along with justifications:

a. Non-recurring (equipment, internet facilities)

b. Recurring

c. Miscellaneous

S. No.	Category.	Budget Required (Year-wise)					
		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year	Total
1.	Hardwar/equipment/Nonrecurring						
2.	Recurring (Administrative support/manpower)						
3.	Research Support/contingency						
4.	Travel						
5.	Miscellaneous						

9. Please prepare an Advertisement of the training programme for display on the web site of DHR to call applications from the faculty of the medical colleges/ research institutes.

## Annexure VI

### **APPLICATION FOR SUPPORT TO SCIENTIFIC / PROFESSIONAL ASSOCIATIONS / BODIES**

1. Name of the Institution/Scientific Body/Association
2. Title of the conference/symposium/workshop for which support is requested
3. Name and Designation of
  - i. Organizers
  - ii. Co organizers
4. Duration and Date of the event:
5. Programme schedule:
6. Name, designation and address of Scientific speakers
  
7. Amount of grant-in-aid required for the conference/workshop/symposia
  - a. Contingency
  - b. Recurring
  - c. Non recurring
  - d. Overhead chargesTotal
8. No of participants expected
9. Category of participants
10. Outcome of the conference/workshop/symposia
11. Significance of the conference/workshop/symposia in the field of health research
12. Conference/workshop/symposia earlier conducted in the last 5 years
  
13. Signature of the Organizer/Head of the institution
  
14. Place and date