No.   /R-5/Ph.D./2014-FRIDU
Forest Research Institute (Deemed) University
P.O. I.P.E. Kaulagarh Road, Dehradun

Dated

ANNOUNCEMENT
For
Ph.D. Forestry Entrance Test 2014

The Forest Research Institute (Deemed) University is going to conduct its Ph.D. Entrance Test on 06th July 2014 **for enrolment in Ph.D. Programme in Forestry**. The candidates, who are interested for registration as research scholar for the Ph.D. Degree in Forestry in Forest Research Institute (Deemed) University Dehradun and its Research Centres for the term of March 2015/September 2015 are advised to apply in prescribed form latest by 15th May 2014 with a fee of Rs.1000/- through Bank Draft in favour of Registrar, FRI (Deemed) University, Dehradun. No application form will be entertained after the prescribed date. The research centre-wise position of seats is mentioned below. **For eligibility please see clause 3 of the Ph.D. Ordinance available on the website**. Six-months Pre-Ph.D. Compulsory course would be conducted only once w.e.f. September/October 2014. The last date for submission of application at Research Centre is **15th May 2014** so that the same may be reached in the FRI (Deemed) University by 26th May, 2014. **The prescribed form may be downloaded from the website http\\fri.icfre.gov.in.**

Important Dates

1.   **Last date for submission of form at research centres**   : **15th May 2014**

2.   **Date of Entrance Test**   : **06th July 2014**

Sl.No.	Name of the Research Centres	Number of vacancies
1.	**Forest Research Institute, Dehradun**	**44**
	Forest Soil : 4 Forest Pathology : 8 Forest Biotechnology : 5 Forest Botany : 3 Forest Genetics : 1 Chemistry of Forest Products : 10 Forest Entomology : 3 Pulp & Paper Technology : 2 Silviculture : 1 Seed Technology : 1 Forest Management : 1 Wood Science & Technology : 4 Non Wood Forest Products : 1	
2.	**Institute of Forest Genetics & Tree Breeding, Coimbatore**	**16**
	Forest Ecology and Environment : 1 Non Wood Forest Products : 1 Forest Genetics : 4 Forest Botany : 3 Forest Pathology : 2 Forest Biotechnology : 1 Forest Entomology : 2 Forest Management : 2	
3.	**Indian Institute of Forest Management, Bhopal**	**19**
	Forest Management : 9 Forest Ecology & Environment : 10	
4.	**Wildlife Institute of India, Dehradun (only for candidates having fellowship)** Wildlife Science : 6 Forest Botany : 1 Forest Geo-informatics : 3	**10**

5.	**Kerala Forest Research Institute, Kerala** **(only for candidates having fellowship)**		**25**
	Silviculture	: 3	
	Forest Genetics	: 1	
	Forest Pathology	: 1	
	Soil Science	: 2	
	Forest Ecology & Environment	: 2	
	Forest Management	: 4	
	Wood Science & Technology	: 7	
	Non Wood Forest Products	: 1	
	Wildlife Science	: 4	
6.	**Himalayan Forest Research Institute, Shimla**		**07**
	Forest Ecology & Environment	: 1	
	Forest Genetics	: 1	
	Forest Botany	: 1	
	Forest Entomology	: 3	
	Non-Wood Forest Products	: 1	
7.	**Arid Forest Research Institute, Jodhpur**		**11**
	Forest Pathology	: 1	
	Non Wood Forest Product	: 2	
	Forest Ecology & Environment	: 2	
	Forest Genetics	: 2	
	Forest Biotechnology	: 2	
	Silviculture	: 1	
	Forest Management	: 1	
8.	**Rain Forest Research Institute, Jorhat, Assam**		**23**
	Forest Pathology	: 5	
	Forest Ecology & Environment	: 5	
	Forest Botany	: 3	
	Chemistry of Forest Products	: 1	
	Soil Science	: 3	
	Forest Biotechnology	: 6	
9.	**Indian Institute of Remote Sensing, Dehradun** **(only for candidates having fellowship)**		**08**
	Forest Hydrology	: 1	
	Soil Science	: 2	
	Environment Management	: 1	
	Forest Ecology & Environment	: 2	
	Forest Geo-informatics	: 2	
10	**Tropical Forest Research Institute, Jabalpur**		**14**
	Silviculture	: 1	
	Forest Genetics	: 1	
	Forest Botany	: 1	
	Forest Pathology	: 2	
	Forest Entomology	: 3	
	Forest Ecology and Environment	: 2	
	Chemistry of Forest Products	: 1	
	Non Wood Forest Products	: 1	
	Forest Biotechnology	: 2	
11.	**Central Pulp & Paper Research Institute, Saharanpur**		**5**
	Pulp & Paper Technology	: 4	
	Environment Management	: 1	
	Total		**182**

(A.K. Tripathi)
Registrar,
FRI (Deemed) University.

Guidelines for Entrance Test

i.   The candidates must apply through the Research Centre where he/she want to carry out his/her research work. The applicant will be considered only for the centre through which the application has been forwarded. In exceptional cases, the Director FRI may consider the change of research centre subject to availability of the vacancy.

ii.   The question paper will have following sections and their proportional weightage may be as follows:

Section-A

General Awareness:	: 25 questions
General English:	: 25 questions
Research Aptitude:	: 30 questions (The questions will be based on reasoning & Statistics)

Section-B

*Basic & Applied Sciences   :120 questions (attempt any two sections)

*(There will be 60 questions in each section of Section-B. The questions will be based on Forestry, Agriculture, Life Sciences, Environmental Sciences, Chemistry, Physics, Wood Science & technology and Mathematics. The syllabus is available on the website)

iii.   The minimum qualifying marks in entrance examination is 50% for general/OBC candidates and 45% for the SC/ST candidates.

iv.   The candidates who have qualified UGC/CSIR (JRF) Examination / GATE/NET will be allowed to appear for the interview directly without appearing in the written entrance test. However such candidates will have to apply as per the procedure alongwith other candidates. They will have to give a proof of having qualified above exams along with their application form. The UGC/CSIR/GATE/NET exam should have been cleared by the applicant during previous two years from the last date of submission of the form in the University.

v.   The candidates qualifying the entrance test will be called for interview which will be conducted Discipline- wise by the Member Secretary RACs/Nodal Officers of Research centres. The list of candidates qualified in the interview will be sent to the Registrar, FRI Deemed University, who will compile the list of qualified candidates and will obtain the approval of the Director before finally declaring the result.

vi.   The list of successful candidates prepared by Registrar FRI Deemed University and shall be sent to all the research centres and will be displayed on the website.

vii.   The successful candidates shall be directed to report to the Registrar FRI Deemed University/Nodal Officers of research centres concerned for compulsory course work of six months duration as per Ph.D. Ordinance.

viii.   On successful completion of the course work the candidates shall prepare the synopsis of their research plan and present before Research Advisory Committee concerned for approval. The Member Secretary shall conduct the meeting of the RAC for synopsis seminar and shall send the proceedings of the synopsis seminar (in Appendix-3) along with the approved synopsis (5 copies) duly signed by all the expert members of the RAC on the prescribed format as given in Appendix-II, to the Registrar FRI Deemed University for further action.

ix.   *If the applicant is in service in* <u>a graded pay scale in a government organization/statutory autonomous body/private organization</u> *then please attach a* <u>*'no objection certificate'*</u> *from the employer. In absence of such certificate the Application form shall not be accepted.* **Such applicants shall have to take two years study leave as per rules**. **A Research Scholar is required to pursue research in the Institute/Research Centre under the Supervisor on the approved subject for not less than twenty-four months commencing from the date of his/her registration.**

Photograph
(to be pasted
& signed by
the candidate)

FOREST RESEARCH INSTITUTE
DEEMED UNIVERSITY
(Under Section 3 of the UGC Act 1956)
APPLICATION FORM FOR ENTRANCE TEST FOR PH.D. PROGRAMME IN FORESTRY – 2014
(Before filling up the Application form please go through the Ph.D. Ordinance & guidelines available on website)

ROLL No.
(to be filled by office)

1. Candidate's Name: _____

2. Father's Name: _____

3. Mother's Name: _____

4. Date of Birth : Date ☐☐   Month ☐☐   Year ☐☐☐☐

5. Sex : Male ☐   Female ☐

6. (i) Category :

SC	ST	OBC	GEN
ICFRE Employee	IN-SERVICE	UGC/CSIR (JRF) Examination / GATE/NET qualified	

   (ii) Sub-Category

7. Name of Organization where employed: _____
   (In case of In-service/ICFRE candidate)

8. Designation & Whether Permanent/Temporary: _____
   (In case of In-service/ICFRE candidate)

9. Nationality: _____

10. E-mail address: _____

11. Address (1)   : _____
    (For Correspondence)

    Distt._____State_____

    Pin Code:_____Phone No. _____

12. Permanent Address : _____

    Distt._____State_____

    Pin Code:_____Phone No. _____

13. *Name of Entrance Test Centre: 1._____2._____

14. Qualifying Examination ☐☐   ☐☐

    Passed   **Appearing

Name of Qualifying Exam	Name of the University	Subject of specialization in qualifying exam	Percentage

15.   **Name of Research Centre   :   _____

16.   Discipline in which registration is required: _____
        (as per clause 3.3 of the Ph.D. Ordinance given at last page)

17.   Names of two references with contact address and telephone nos.

        1.   _____   2.   _____

               _____   _____

18.   Details of application form fee deposited.

DD No. & Date   Name of Issuing Branch   Amount (Rs.)

[   ]   [   ]   [   ]

DECLARATION

        Certified that I am eligible for admission in the Ph.D. Programme in FRI Deemed University as per the rules of the University. The details given by me above are correct to the best of my knowledge and belief. In case it is found in due course that the information given by me above is incorrect, action may be taken against me as per the rules of the FRI Deemed University and my candidature will stand automatically cancelled.

Place:

Date: (Signature of Candidate)

Recommendation of Nodal Officer of concerned Research Centre

a)   Whether eligible for admission in Ph.D. Programme_____

b)   Availability of Laboratory facility_____

                                                                    (Signature of Nodal Officer)

Candidates are advised to read following instructions carefully:-

   1. Please enclose attested copies of Marks- sheets of Post Graduation and 10th class certificate. Incomplete forms are not acceptable and will be treated as cancelled. A copy of all the certificates from last 10th onwards duly attested will be required only at the time of reporting to the research centres by the successful candidates. **The candidates who are appearing in the qualifying exam are required to attach previous year marks-sheet

   2. The candidates who have qualified UGC/CSIR (JRF) Examination / GATE/NET will be allowed to appear for the interview directly without appearing in the written entrance test. However such candidates will have to apply as per the procedure alongwith other candidates. They will have to give a proof of having qualified above exams along with their application form. The UGC/CSIR/GATE/NET exam should have been cleared by the applicant during previous two years from the last date of submission of the form in the University.

   ***3.** List of research centres/entrance test centres is attached.

   4. As far as possible the candidate shall be assigned the test centre of his/her choice, however the University reserves the right to assign any appropriate test centre to any candidate.

   5. The selected candidates may be advised by the University to join any research centre under FRI Deemed University where required seats and expertise may be available. However merely passing the entrance test is not a guarantee that the candidate will be registered as Ph.D. Scholar.

   6*. If the applicant is in service in* <u>a graded pay scale in a government organization/statutory autonomous body/private organization</u> *then please attach a ‘no objection certificate’ from the employer. In absence of such certificate the Application form shall not be accepted.* **Such applicants shall have to take two years study leave as per rules. A Research Scholar is required to pursue research in the Institute/Research Centre under the Supervisor on the approved subject for not less than twenty-four months commencing from the date of his/her registration.**

   7. **The application form is to be submitted to the research centre concerned (listed below) where a candidate wants to carry out his/her research. The Nodal Officer of the Research Centre will send the application forms to the FRI Deemed University.**

*Entrance Test Centres of F.R.I. Deemed University

1. Forest Research Institute Deemed University, P.O.I.P.E. Kaulagarh Road, Dehradun.

2. Tropical Forest Research Institute, P.O. R.F.R.C., Mandla Road, Jabalpur – 482 021

3. Arid Forest Research Institute, P.O. Krishi Mandi, New Pali Road, Jodhpur – 342 005

4. Institute of Forest Genetics & Tree Breeding, P.B. No. 1061, Coimbatore – 641 002

5. Institute of Forest Productivity, 'Aranyodaya', Ranchi-Gumla, N.H.-23, Lalgutwa, Jharkhand, Ranchi – 834 002

6. Kerala Forest Research Institute, Peechi – 680 653, Thrissur Distt., Kerala State.

7. Institute of Wood Science and Technology, 18th Cross, P.O. Malleswaram, Bangalore – 560 003.

8. Rain Forest Research Institute, Post Box No. 136, Deovan, Jorhat – 785001, Assam.

9. Himalayan Forest Research Institute, Conifer Campus, Panthaghati, Shimla – 171 009, Himachal Pradesh.

10. Indian Institute of Forest Management, Nehru Nagar, Bhopal – 462 003, Madhya Pradesh.

** Name & Address of Nodal Officers & Research Centres for which seats are published

1. The Registrar, Forest Research Institute (Deemed) University, P.O.I.P.E. Kaulagarh Road, Dehradun-248195.

2. Dr. R.K. Verma, Nodal Officer (FRIDU),Tropical Forest Research Institute, P.O. R.F.R.C., Mandla Road, Jabalpur – 482 021.

3. Dr. I.D. Arya, Nodal Officer (FRIDU), Arid Forest Research Institute, P.O. Krishi Mandi, New Pali Road, Jodhpur – 342 005.

4. Dr. V. Mohan, Nodal Officer (FRIDU), Institute of Forest Genetics & Tree Breeding, P.B. No. 1061, Coimbatore – 641 002.

5. Dr. T.K. Dhamodaran, Nodal Officer (FRIDU), Kerala Forest Research Institute, Peechi – 680 653, Thrissur Distt., Kerala State.

6. Dr. K. Sankar, Nodal Officer (FRIDU), Wildlife Institute of India, P.O. Box No. 18, Chandrabani, Dehradun – 248001.

7. Dr. Sarnam Singh, Nodal Officer (FRIDU), Indian Institute of Remote Sensing, (NRSA), 4th, Kalidas Road, Dehra Dun.

8. Dr. A.K. Deka, Nodal Officer (FRIDU), Rain Forest Research Institute, Post Box No. 136, Deovan, Jorhat – 785001, Assam.

9. Dr. K.S. Kapoor, Nodal Officer (FRIDU), Himalayan Forest Research Institute, Conifer Campus, Panthaghati, Shimla – 171 009, Himachal Pradesh.

10. Dr. Suprava Patnaik, Nodal Officer (FRIDU), Indian Institute of Forest Management, Nehru Nagar, Bhopal – 462 003, Madhya Pradesh.

11. Dr. R.K. Jain, Nodal Officer (FRIDU), Central Pulp & Paper Research Institute, P.O. Box-174, Star Paper Mill Road, Himmat Nagar, Saharanpur-247001 (U.P.)

ROLL No.

(to be filled by office)

FOREST RESEARCH INSTITUTE
DEEMED UNIVERSITY

Entrance Test for Ph.D. Programme – 2014

REGISTRATION FORM

Self Attested
Photograph

1.   Candidate's Name   :

2.   Mother's Name   :

3.   Father's Name   :

4.   Date of Birth   :

5.   Sex   :

6.   Postal Address   :
      (For Correspondence)

7.   Category   :

8.   Name of Research Centre:

9.   Full Signature of the Candidate: _____

10.   **To be filled in only in the Examination Hall:**

Candidate's Signature	Name(s) of Invigilator	Full Signature of Invigilator

FOREST RESEARCH INSTITUTE
DEEMED UNIVERSITY
Entrance Test for Ph.D. Programme – 2014

ADMIT CARD

ROLL No.

(to be filled by office)

Self Attested
Photograph

1.   Name of Candidate   :

2.   Postal Address   :

3. Examination Centre Allotted:

Registrar
F.R.I Deemed University
Dehra Dun

Date: 6th July, 2014
Time: 10.00 a.m. to 1.00 p.m.

INSTRUCTIONS FOR THE CANDIDATE

1.   The candidate must bring the admit card with him/her to secure admission to the examination hall.
2.   Method of answering question is given in the answersheet.
3.   No candidate shall bring into the examination hall any article other than those specified in this notice. Calculator/Slide Rule/Mobile is not allowed.
4.   No candidate shall copy from the papers of any other candidate or permit his/her own papers to be copied, or attempt to obtain irregular assistance of any description.
5.   The doors of the examination room will be opened half an hour before the time fixed for commencement of the examination.
6.   No candidate will be admitted to the examination after fifteen minutes of starting of the paper.
7.   No candidate will be allowed to leave the examination hall before half an hour of starting of the paper.
8.   No candidate, without special permission of the invigilator, shall leave his/her seat in the examination room until the end of the examination.
9.   The candidate should not leave the room without handing over papers to the invigilator. No papers can be taken out of the examination hall.
10. The candidate is advised not to scribe or otherwise spoil the furniture and the Roll No. Cards placed at their desks.
11. Each candidate must write his/her own Roll No. at the space provided for.
12. Candidate will be required to sign the attendance when directed to do so by the invigilator.
13. Silence must be observed in the examination hall; any candidate found guilty, disorderly or of improper conduct will be expelled from the examination hall.
14. Candidate, who fails to observe these regulations, may be disqualified and debarred from appearing in this and any subsequent examination held by the Institute (FRI Deemed University).

3.3. A candidate who meets the requirements mentioned above may select a field of study out of the following:

Sl. No.	Discipline (Subject of study)	Qualification for admission in doctoral program
1.	Silviculture	Post-graduate degree in Forestry/Agriculture/Botany
2.	Forest Seed Tech.	Post-graduate degree in Forestry/Agriculture/Botany
3.	Forest Genetics	Post-graduate degree in Botany, Agriculture or Forestry with specialization in Genetics
4.	Forest Botany	Post-graduate degree in Botany with specialization in Systematic Botany/Plant Physiology/Wood Anatomy/Biodiversity Conservation/Ethno Botany **or** Post-graduate degree in Agriculture with specialization in Plant Physiology **or** Post-graduate degree in Forestry
5.	Forest Pathology	Post-graduate degree in Botany, Forestry, Wood Science & Technology or Agriculture with specialization in Plant Pathology/Microbiology.
6.	Forest Entomology	Post-graduate degree in Forestry **or** P.G. Degree in Zoology with specialization in Entomology or P.G. Degree in Agriculture with specialization in Entomology
7.	Soil Science	Post-graduate degree in Chemistry, Microbiology Geology, Soil Science or Agriculture (with specialization in Agricultural Chemistry, Soil Science)
8.	Forest Ecology & Environment	Post-graduate degree in Biological/Life Science, Environmental Science or Forestry with Specialization in Ecology **or** Post Graduate Degree in Marine Biology **or** Post Graduate Degree in Zoology with specialization in Marine Biology
9.	Forest Management	Post-graduate degree in Mathematics/Statistics/Computer Application/ Forestry/Agriculture Forestry
10.	Wood Science & Technology	Post-graduate degree in Physics/Chemistry/Engineering or Botany with specialization in Wood Anatomy **or** Post Graduate Degree in Wood Science & Technology.
11.	Chemistry of Forest Products	Post-graduate degree in Organic Chemistry/Bio-Chemistry/Agricultural Chemistry, MD in Pharmacology or equivalent in Indian System of Medicine, Post Graduate degree in Pharmacology/Industrial Chemistry
12.	Pulp & Paper Technology	Post-graduate degree in Chemistry, Chemical Engineering or Paper Technology.
13.	Forestry Extension	Post-graduate degree in Agriculture Extension/Forestry
14.	Non Wood Forest Products (NWFP)	Post Graduate degree in Botany/Forestry, Organic Chemistry, Agriculture with specialization in cultivation of medicinal plants, MD in Pharmacology or equivalent in Indian System of Medicine
15.	Forest Biotechnology	Post Graduate degree in Biotechnology **or** Post graduate degree in life sciences with specialization in Biotechnology **or** Post Graduate degree in Biochemistry/Molecular biology/ Microbiology
16.	Forest Bioinformatics	Post Graduate degree in Bio informatics **or** Post graduate degree in Forestry/Botany with minimum one year PG Diploma in Bio informatics from a recognized institution **or** Post Graduate Degree in Computer Science **or** Post Graduate Degree in Information Technology **or** Post Graduate Degree in Maths/Physics/Statistics with P.G. Diploma in Computer Science.

17.	Environment Management	Post Graduate degree in Environment Management/ Environmental Science **or** M.Tech Environmental Engineering **or** Post Graduate degree in Chemistry with specialization in Environmental Chemistry.
18.	Wildlife Science	Post-graduate degree in Forestry/Wildlife Science/Zoology/Botany/Environmental Management **or** Postgraduate degree in any science subjects with recognized Postgraduate Diploma in Wildlife Management.
19.	Forest Geo-informatics	M. Tech in Remote Sensing & GIS **or** Post Graduate Degree in any science subject with Post Graduate Diploma in Remote Sensing/GIS from IIRS, Dehra Dun **or** Postgraduate degree in Geo-informatics.
20.	Forest Hydrology	Post Graduate Engineering Degree in Hydrology/Water Resource Engineering/Civil Engineering, Post Graduate Degree in Forestry, Environment Management/Sciences with specialization in GIS/Remote Sensing/Watershed Management.
21.	Plant Physiology	Post Graduate Degree in Plant Physiology, Post Graduate Degree in Botany with specialization in Plant Physiology.
22.	Application of Information Technology in Forestry	Post Graduate Degree in Forestry with atleast one year P.G Diploma in Information Technology/Computer Science from recognized institution.