भारतीय कृषि अनुसंधान परिषद
(कृषि शिक्षा विभाग)
कृषि अनुसंधान भवन–II, पूसा, नई दिल्ली–110 012 (भारत)
INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(Agricultural Education Division)
Krishi Anusandhan Bhavan-II, Pusa, New Delhi-110 012 (India)

F.No. 18(03)/2019-EQR/Edn
Dated: July 2, 2019

All the Vice-Chancellors of SAUs/CUs/CAU
Director of ICAR Institutes/
Project Directorates/NRCs

Sir,

Subject: Announcement for Netaji Subhas - ICAR International Fellowships for the year 2019-20

The Indian Council of Agricultural Research invites applications for the "Netaji Subhas - ICAR International Fellowships (NS-ICAR-IFs)" for the year 2019-20. The NS-ICAR-IFs are available for pursuing doctoral degree in agriculture and allied sciences, in the identified priority areas to (i) the Indian candidates for study abroad in the identified overseas Universities/Institutions having strong research and teaching capabilities and (ii) the overseas candidates for study in the Indian Agricultural Universities (AUs) in the ICAR-AUs system. Thirty fellowships for a total duration of three years will be available.

A copy of announcement along with detailed guidelines, priority areas of study and application proforma, is enclosed. Details are available on ICAR website www.icar.org.in also. Application should be submitted one hard coy by post and one soft copy by email to:

The Assistant Director General (EQR),
Agricultural Education, ICAR,
Krishi Anusandhan Bhavan II, Pusa,
New Delhi-110012
(email: nsicarif@gmail.om)

Last date for receipt of application in the ICAR is **August 30, 2019**. It is requested that wide publicity may be given to this notification.

Yours faithfully,

(G. Venkatweshwarlu)
Asst. Director General (EQR)

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
EDUCATION DIVISION
KRISHI ANUSANDHAN BHAVAN II
NEW DELHI 110 012

NETAJI SUBHAS - ICAR INTERNATIONAL FELLOWSHIPS FOR THE YEAR 2019-20

The Indian Council of Agricultural Research (ICAR) invites applications from the Indian as well as overseas nationals having Master's degree in Agriculture and allied sciences for the Netaji Subhas-ICAR International Fellowships (NS-ICAR IFs) for the year 2019-20. The NS-ICAR IFs are available for pursuing doctoral degree in agriculture and allied sciences, in the identified priority areas, to the (i) Indian candidates for study abroad in the identified overseas Universities/Institutions having strong research and teaching capabilities and (ii) to overseas candidates for study in the Indian Agricultural Universities (AUs) in the ICAR-AUs system. Thirty fellowships for duration of three years will be available.

Detailed guidelines, priority areas of study and application proforma are available on ICAR website **www.icar.org.in**. Application should be submitted (one hard copy by post and one soft copy by email) to the Assistant Director General (EQR), Education Division, ICAR, Krishi Anusandhan Bhavan II, Pusa, New Delhi-110012 (email: **nsicarif@gmail.com**).

Last date for receipt of application in the ICAR is August 30, 2019.

6. **Number of Fellowships:**

Number of fellowships available every year for a programme leading to Ph.D. degree under this scheme will be thirty (30). The allocation of fellowships between Indian and Overseas candidates will depend upon the availability of good candidates in the identified priority areas.

7. **Eligibility:**

7.1. Master's degree in agriculture/allied sciences with an Overall Grade Point Average (OGPA) 6.60 out of 10.0 or 65% marks or equivalent will be the eligibility requirement for the NS-ICAR IFs.

7.2. The fresh candidates should not be more than 35 years of age on the last date prescribed for receipt of applications. The upper age limit for In-service candidates will be 40 years on the last date for receipt of applications.

7.3. The notification for fellowship will contain the detailed eligibility requirements.

7.4. Netaji Subhas- ICAR IF would be available for both, fresh and in-service candidates. However, the fresh candidates should have completed their qualifying degree not more than two years before the specified date in the year of admission. The in-service candidates from India should be employed in the ICAR-AU system.

7.5. The Council will identify and announce the priority areas of research and the list of institutions for admission, one year in advance, for availing the Netaji Subhas- ICAR IFs.

8. **Mode of Application:**

8.1. The candidate should submit an application for the fellowship, on-line, in the prescribed format.

8.2. The area of study and the line of the proposed research work should be in the identified priority area relevant to Indian/Global agriculture as identified by the Council and the same shall be notified one year in advance.

8.3. The applicant shall provide two references along with their contact Email addresses, in support of his application, who may be directly contacted by the Council for obtaining comments in the prescribed format on his candidature. One of the two referees should preferably be his/her supervisor in the current occupation (if employed) and one who is an expert in the area and well acquainted with the candidate's work.

8.4. The applicants for the ICAR-IF must obtain at their own level, an acceptance of their admission in the Ph.D. degree programmes with identified area of study at the identified Indian AUs in case of overseas applicants and the identified overseas institutions in case of Indian applicants. Such acceptance letters should preferably be enclosed with the application for the fellowship.

8.5. The candidates should satisfy themselves regarding admission and course requirements of the university before identifying these as a place of study.

8.6. Applications for NS-ICAR IFs will be invited on annual basis through announcements published in Indian national newspapers and the notification on ICAR website "http://www.icar.org.in". Indian diplomatic missions in foreign countries will also be informed through e-mails.

9. Mode of Selection:

9.1. The candidates will be evaluated based on parameters/weighted scale thereby taking into account the relevance of the area of study, the proposed research plan, academic records, achievements and past work experience of the candidate.

9.2. The selection will be made on the basis of evaluation score and subsequent interview by a Selection Committee, constituted by the Council and duly empowered to judge the suitability of candidate with regard to the importance of the area of study and the proposed research plan. The Committee may also decide to conduct telephonic/teleconferencing interview for the purpose. The overseas candidates may even be interviewed by experts as identified by the Council who may be based in their home country.

9.3. The candidate should have clear record of good conduct all-through, duly certified by the Competent Authority of the University last attended or the present employer in case of in-service candidate.

9.4. At the time of interview, the applicants must furnish a letter of acceptance for their admission in the respective degree programme at the University.

9.5. The in-service Indian candidates must also furnish deputation approval by their respective Director of ICAR Institutes/Vice-Chancellor of Agricultural Universities.

9.6. Once selected, the candidates must register for the programme within one year from the date of issue of letter of fellowship award. In case of delay, the offer will get terminated automatically and no separate communication towards cancellation will be issued by the Council.

10. Fellowship Amount and Contingencies:

The fellow will be entitled to the following:

10.1. To-and-fro, economy class air ticket for international travel, by the shortest route, from the airport, nearest to the residence/ work place of the candidate to the airport, nearest to the destination University in respect of both Indian and Overseas candidates (Air tickets to be provided by the Council).

10.2. The overseas fellows will be entitled for economy-class-travel cost reimbursement from port of arrival in India to the destination University in India and back.

10.3. For Indian candidates, the cost on travel from place of residence/work to the port of departure in India and from port of arrival to the destination University overseas will be met by the fellows themselves or by their host organization.

10.4. Amount payable to the International fellowship candidates:

Ph.D.	Amount not exceeding	Lump-sum payments towards contingent and preparatory expenses
Indian fellows going abroad	US$ 2,000/- per month	US$ 1,000/- per year
Overseas fellows in India	INR 40,000/- per month	INR 25,000/- per year

10.5. The fellowship amount for the first installment, will be released by the Council to the fellow through government notified/ approved bank to be deposited in the bank account of the fellow on receiving his/ her acceptance for the fellowship and admission letter received from the host University.

10.6. Thereafter, the amount of fellowship will be released to the fellow, after receiving the academic progress report from the fellow duly certified by the concerned advisor/ supervisor/ head of institution.

10.7. The first installment to the Indian fellow will be paid in Indian Rupees only.

10.8. The fellow will meet all other costs including medical insurance etc. from the above fellowship or from his/ her own resources.

10.9. During the tenure of fellowship, an in-service fellow may continue to receive his/her salary, types of leave and benefits etc. from the parent organization as per rules.

11. Bank Guarantee and Service Bond:

11.1 (i) Indian selected fellows shall provide an irrevocable Bank guarantee for an amount of US$ 10,000/- (equivalent in rupee currency) in favour of the Secretary, ICAR. The Bank guarantee should be valid for the entire duration till the successful completion of the programme.

(ii) For foreign national selected fellows, an amount of Rs. 2,00,000 will be recovered from their fellowship grant as alternate of Bank guaranty, in terms of Rs. 1,00,000 each from first and second installment till successful completion of their Ph.D. study programme. This fellowship amount of Rs. 2,00,000 will be paid to the fellow at the time of final release of fellowship".

11.2 The Indian in-service candidates selected for international fellowship shall execute a bond with the deputing University/Institute to undertake to serve that institution after the completion of degree for at least three years.

12 Continuance of the Fellowship:

12.1 The fellow will submit his progress report to the Council, through his/her adviser/supervisor/ head of the institution every six months.

12.2 During the tenure of fellowship, the fellow should neither change the place of work nor deviate from the broad research area for which the fellowship is sanctioned. The selected candidates shall be required to submit an Undertaking to this effect and also for adherence to the other conditions of the guidelines regulating the

fellowship as prescribed by the ICAR, with the acceptance of the International Fellowship.

12.3 The fellow will devote his/ her full time for his/ her chosen area of studies/ research work during the tenure of his/ her fellowship.

12.4 Satisfactory progress in studies will be essential for the continuance of the fellowship during the period of study as reflected by the grades secured and certification by the advisor/ supervisor.

12.5 In case of unsatisfactory performance in studies, or conduct probation, the fellowship will be terminated with immediate effect and the fellow will be required to meet the expenditure on remaining part of the programme from his/her own resources.

12.6 This fellowship is not meant for the conduct of training or to carry out research of short duration.

12.7 Research Experiment and data collection at Indian SAUs/Institutions located in India.

(i) The fellows, who are required to put experiments at Indian SAUs/Institutes located in India and data collection from the Indian location, may be allowed for a maximum period of one-and-a-half-year as per their research plan.

(ii) With the consent of their Advisor and prior approval of ICAR, they may undertake interim visits to India on their own resources. ICAR will not provide any financial support on travelling for the purpose.

(iii) During the stay in India, they will be eligible for fellowships @ Rs. 40,000/- per month plus contingent and preparatory expenses @ Rs. 25,000/- per annum, as the same amount which is offered to foreign national fellows doing Ph.D in India under the scheme.

(iv) The period of absence from host university and stay in Indian university/Institute need to be authenticated/verified by the identified Advisor and Co-Advisor respectively.

13 Medical Fitness:

Selected fellow would be required to get his/ her medical fitness test and medical insurance done at his/her own cost.

14 Payment of Fee:

All fees chargeable by the host institution where the fellow is enrolled will be paid by the fellow himself out of the fellowship grant or from his/ her own resources.

15 IPR Issues:

The fellow is expected to take proper measures to protect the Intellectual Property Rights likely to be generated during his/ her stay in the host institution. The Council will have the appropriate share on the patents/ knowledge generated by the fellow while pursuing the programme as specified under IP Management bulletin. If the fellow enters into any other IP agreement, the same will be appropriately shared with the Council. In all

- Improvement of salinity stress (abiotic stress) tolerance in cereals
- Plant Single Cell Genomics, Single Cell Metabolomics
- Molecular breeding for nitrogen use efficiency
- Isolation and characterization and map based cloning of disease resistance genes in field crops
- Identification and Characterization of Bacteriophage for management of bacterial diseases of crops with special emphasis on rice.
- Epidemiology of rice diseases in modern era with special emphasis on False Smut Disease
- Throughput techniques for understanding the abiotic stresses management in millets
- Genomics sequencing for marker developments particularly small millets
- Genetic engineering and genome editing technologies for maize improvement
- Genomic selection based maize breeding technologies
- Double haploids in hybrid breeding
- Allele mining for flagging the useful genes available in the genetic stock for ascertaining the genetic worth of the collection and better utilization
- Development of varieties with genetic enhancement of yield, tolerant to water stress and high temperature, insensitive to photoperiod, low linolenic and high oleic acid, vegetable and food grade characters, high oil content, suitability for mechanical harvesting,
- Exploring the possibility of harnessing heterosis through identification and development of mail sterility and an efficient fertility restoration system,
- Genetic enhancement of germplasm through pre-breeding exercises for expanding the parental base of varietal evolution programmes
- Identification of efficient Rhizobium and other plant growth promoting rhizobacteria (PGPR) and other microbes with multiple traits for plant growth promotion
- Identification of genetic sources for high yield characteristics such as high number of pods, test weight, seeds/pod, high photosynthetic efficiency and better partitioning (harvest index) and QTLs governing these traits
- Identification of QTLs and integration of photo-thermal insensitivity in agronomical superior lines and MAS for varieties with yield and wider adaptability across planting time latitudes and rapid seed fill duration
- Identification of resilient soybean production system for changing climate. Studies on thermo tolerant Brady rhizobium for higher nodulation in soybean. Use of Mycorrhiza fungi in mitigating adverse impact of abiotic stresses.
- Impact assessment of future climate change and development of adaptation strategies to mitigate adverse impact of present and future climate variability
- Management of YMV and rust in soybean though development of resistant varieties and protection modules
- Molecular characterization of available soybean genetic stock for safeguarding country's interests
- Optimization of rotational tillage and crop rotation in soybean based cropping system
- Refinement in IPM by adding of new components for multiple diseases and insects
- Standardization of management practices for organic soybean production
- Use of photo-insensitivity and long juvenility traits for development of soybean varieties with wider adaptability
- Use of zinc solubilizing and iron chelating rhizo-bacteria for zinc and iron nutrition in soybean

- Utilization of molecular tools such as marker aided selection for tracing QTLs for yield and their subsequent exploitation through breeding programme
- Widening gene pool through pre-breeding approaches including restructuring plant type for breaking the existing yield ceiling
- Phenotyping and MAS for white rust resistance and quality traits
- Development of transgenic for *Alternaria* blight resistance and aphid tolerance
- Improving resource use efficiency (soil, plant, water and nutrients) under different situations
- Development of web-based user friendly, bilingual interactive software for speedy technology dissemination
- Reduction in maturity period with improved seed yield in developed genotypes
- Identification of improved methods for estimation of estimation of biochemical parameter developed
- Development of new genotypes having double low characteristics in mustard
- Improvement in resource use efficiency under different situations

Horticulture

- Ecosystem analysis
- Gene silencing and RNAi technology
- Date Palm improvement and culture
- Doubled haploidy (DH)
- Tospo viruses
- Temperate Horticulture
- Phyto-plasma
- Bio-security in horticultural crops
- Pheromones and chemical ecology
- Physiology of flowering and fruiting in perennial fruit crops
- Fruit tree breeding
- Male sterility in crops
- Micro-nutrients in soil health management in horticultural crops
- Mechanization in horticulture
- Quality Parameters in horticulture crops
- Landscape horticulture
- Physiological disorder in horticultural crops
- DNA Barcoding
- Canopy architecture management, Ultra High density orcharding
- Development of pest and disease forecasting models, Development of diagnostics
- Agri-waste utilization, Peri-urban horticulture, organic farming
- Nutrient bioavailability
- GIS & remote sensing, geo-informatics, image processing

Biotechnology and nanotechnology

- Gene knock-down technology
- marker assisted selection (MAS),
- transgenic technology,
- microbial molecular taxonomy,
- molecular breeding

- bio fortification, bio-prospecting, bioremediation, , non-chemical non-thermal processing and membrane technology, apomixes, stem cell research, nutri-genomics, , bi-economics of effective agro-technologies, Epigenetics and reproduction,
- Nanotechnology applications in agriculture comprising plant, animal and fisheries/ aquaculture sciences etc.
- RNAi Silencing approaches for seed-borne pathogens
- Design and development of nano-biosensors for seed quality assurance and nano-composite based smart seed delivery systems
- Molecular Image Analysis of seed quality parameters
- Cloning of tissue specific promoters
- Understanding molecular basis of plant immunity
- Genomic selection and genome wide association mapping
- Transgenic for insect resistance in pulses and cotton
- Understanding genes involved in nitrogen uptake and assimilation
- Defense response mechanism of plants
- Systemic acquired resistance
- Understanding Molecular basis of CMS across crop species
- Apomixes for hybrid development
- Metagenomics for new gene discovery Development of next generation DNA markers
- Cloning plant disease resistance genes and their application
- Comparative genome analysis and system biology
- Assessment of diversity loss over time and space and approaches to measuring genetic erosion on-farm
- Study of functional polymorphism in plant genetic resources of important crops
- Characterization of germplasm for enhanced utilization using tools of comparative genomics
- Providing scientific basis for seed conservation strategies and for devising effective seed conservation protocols.
- Investigating molecular aspects of seed longevity.
- Investigating seed storage behavior as a prerequisite for storage strategy and factors responsible for recalcitrance in seeds.
- Development of cost-effective *in vitro* conservation and cryopreservation protocols.
- Developing DNA based diagnostics to check unauthorized GM events and to monitor unintentional presence of transgenes in germplasm collections.

Animal Sciences

- Allele mining for disease resistance and adoption in the changing climate scenario
- Veterinary health
- Genome resource conservation
- Fermentation Technology
- Molecular diagnostics and Recombinant vaccines
- Nutra-ceuticals and functional foods
- Bio-security
- Animal Biotechnology and Animal Health
- Dairy production, processing and management and animal biotechnology
- Next generation gene sequencing, Immuno-physiology

Natural Resource Management

- Climate Change: Impact, adaptation, mitigation, Soil Carbon Sequestration, carbon trading/carbon sequestration in agro-ecosystems, methane mitigation in livestock etc.
- Micro-molecules
- Agro-forestry and sustainable Livelihoods
- Water Footprint and virtual water, Phyto-biomediation of waste/poor quality water Soil & water conservation engineering, Conservation of bio-resources and species modeling, Soil microbe interactions for organic matter and nutrient dynamics
- Computer aided designing of implements and processing plants
- Market intelligence, Multi-market modeling
- Research evaluation and impact assessment
- Institutional economics.
- Decision Support Systems
- Arid areas agriculture production

Agricultural Engineering

- Bioinformatics, Bio-environmental engineering, Ergonomics and agricultural safety, Advanced machine design,
- Sensor-based applications including bio-indicators, bio-sensors
- Endophyte biology
- Agriculturally important biodiversity (including fisheries)
- Herbivory process
- Precision agriculture/farming, Hi-tech Horticulture, Aeroponics, Controlled environment agriculture
- Functional foods/Health foods,
- Robotics
- Secondary Agriculture
- Bio-fuels
- Precision Agricultural Machinery
- Use of Drones in Agriculture
- Post harvest management, Food Engineering, Extraction of bio-active compounds, Novel techniques for storage of food grains/food fishes, Processing and value addition, Extrusion processing, Designer fish foods, Value chain management, Smart/modified atmosphere packaging,
- Drip Irrigation
- Water recycling
- Waste Management

Fisheries

- Management of sea water intrusion in inland and coastal aquifer
- Fresh water/Marine/Cold water fish breeding and culture
- Pearl/crab culture, Fish disease diagnosis, vaccines and Immuno-prophylaxis
- Intensive aquaculture (cage culture, raceways)
- Organic/ornamental aquaculture, Fish food formulation, FCR & flesh quality enhancement
- Food safety and quality assurance, HACCP&GMP in Fish processing
- Marine Fisheries Resources/ Stock Assessment, conservation and Management, Population Dynamics and Stock Assessment Models
- Mari culture & Open sea Cage farming of finfish/shellfish and sea-ranching
- Inland Fisheries Resources/Stock Assessment, Population Dynamics & predictive modeling, Conservation and Management

- Quantification of environmental flow in rivers for management of eco-system, health & fisheries
- Culture based fisheries management of reservoirs
- Fresh water Aquaculture-finfish/shellfish hatchery & grow-out culture and farm management
- Shrimp hatchery & grow-out culture and farm management
- Selective breeding of finfish/shellfish species for growth improvement and disease resistance
- Fish health management, Disease Diagnostics & Control Measures in aquaculture
- Nutrition and fish feed technology
- Probiotics/Nutraceuticals/Immuno-stimulants in aquaculture
- Integrated fish farming systems with Crops and Livestock
- Utilization of sub-soil saline groundwater of aquaculture
- Hatchery Technology and Grow out Culture of Trout and other Hill Fishery Resources
- Fishing craft and gear designing, fabrication, improvisation for diversified and conservation fishing in artisanal and mechanized sectors
- Fish Processing; Product Development, value addition & waste utilization; Food Safety, Quality Control& Hygiene Protocols; Packaging Technology

Note: The other frontier areas in agriculture and allied sciences may also be appropriately considered.

Suggested Universities for study Abroad

1. Auburn University, USA
2. Arizona State University, USA
3. University of Georgia, USA
4. University of Iowa State University, Ames, USA
5. North Carolina State University, Raleigh, USA
6. Ohio State University, Columbus, Ohio, USA
7. Michigan Technological University
8. Montana State University, Montana, USA
9. Cornell University, USA
10. Kansas State University, USA
11. University of Minnesota, USA
12. Texas A& M University, Texas, USA
13. University of California, USA
14. University of Illinois, Chicago, USA
15. Purdue University, Indiana, USA
16. Rice University, Texas, USA
17. University of Maryland, Baltimore, USA
18. University of Connecticut, USA
19. University of Hawaii, USA
20. Rutgers University, New Brunswick, New Jersey, USA
21. Lancaster University, Lancaster
22. University of New Hampshire, Durham, NH, US
23. University of Manchester, UK
24. University of Exeter, UK
25. University of Massachusetts, USA
26. Yale University, USA
27. University of Edinburg, Scotland, UK
28. Loughborough University Leicestershire, LE11 3TU, UK
29. Sterling University, Scotland, UK
30. University of Readings, UK
31. University of British Columbia, Vancouver, Canada
32. University of Guelph, Ontario, Canada
33. University of Alberta, Canada
34. University of Manitoba, Canada
35. McGill University, Canada
36. KVL, Aarhus, Denmark
37. Swedish University of Agricultural Sciences and National Veterinary Institute, Uppsala, Sweden
38. Norwegian University of Life Sciences, Norway
39. University of GHENT, Belgium

40. University of Chile, Chile
41. Victoria University, Melbourne, Australia
42. Wageningen University, Wageningen, Netherlands
43. University of Netherlands
44. Tokyo University of Marine Sciences & Technology, Japan
45. Waseda University, Tokyo, Japan
46. University of Osaka, Japan
47. University of Tokyo, Japan
48. University of Otago, New Zealand
49. University of Freiburg, Germany
50. Goetha University, Frankfurt, Germany
51. Technische Universitaet Muenchen, Weihenstephaner Berg 3, D-85350 Freising-Weihenstephan, Germany
52. Institute of Animal Science, Physiology & Hygiene, University Bonn, Germany
53. Mahidol University, Bangkok, Thailand
54. Institute of Cellular and Molecular Biology, National University of Singapore, Singapore
55. Monash University, Clayton, Victoria, Australia
56. CG Centers as affiliated to Universities for degree programmes
57. Alcorn State University, USA
58. Wisconsin State University, USA
59. University of Florida, USA
60. Washington State University, USA
61. Syracuse University, USA
62. University of Zurich, Switzerland
63. University of Queensland, Australia
64. University of New South Wales, Australia
65. Australian National University, Australia
66. University of Western Australia, Australia
67. Colorado State University, USA
68. University of Nebraska, USA
69. University of Exeter, UK
70. Roselyn Institute, Rosalyn Midlothian, UK
71. Western School of Biological Sciences, Harward Medical Institute, New York, USA
72. Institute of Animal Sciences, Volcani, Israel
73. The Hebrew University of Jerusalem, Israel
74. Tel Aviv University, Israel
75. Technion –Israel Institute of Technology
76. Ben-Gurion University of the Negev, Israel
77. Institute of Molecular Medicine, Trinity College, Dublin
78. Institute of Medicine, Washington, DC, USA
79. CSIRO Tropical Agriculture, Queensland, Australia
80. CSIRO Lab, ACIAR, Brisbane, Australia
81. Centre for Excellence in Nanotechnology, Khang Lung, Bangkok, Thailand
82. AVRDC, Taiwan

Note: The other reputed/recognized Universities may also be appropriately considered.

List of Agricultural Universities in India

Andhra Pradesh	
1.	Acharya N. G. Ranga Agricultural University, Hyderabad
2.	Sri Venkateswara Veterinary University, Tirupati
3.	Dr. Y.S.R. Horticultural University, Venkataramannagudem, West Godavari
Assam	
4.	Assam Agricultural University, Jorhat
Bihar	
5.	Dr. Rajendra Prasad Central Agricultural University, Pusa, Samstipur
6.	Bihar Agricultural University, Sabour, Bhagalpur
7.	Bihar Animal Science University, Patna
Chhattisgarh	
8.	Indira Gandhi KrishiVishwavidyalaya, Krishak Nagar
9.	Chhatisgarh KamdhenuVishwavidyalaya, Durg, Chhatisgarh
Delhi	
	(ICAR Deemed University)
10	Indian Agricultural Research Institute, Pusa,
Gujarat	
11.	Anand Agricultural University, Anand
12.	Junagadh Agricultural University, Junagadh
13.	Navsari Agricultural University, Navsari
14.	Sardarkrushingar-Dantiwada Agricultural University Sardarkrushinagar, Dantiwada
15.	Kamdhenu University, Gandhi Nagar Campus Office, Podium Level, M Floor, Sector 10-1, Gandhinagar
Haryana	
16.	CCS Haryana Agricultural University, Hisar
17.	LalaLajpat Rai University of Veterinary & Animal Sciences ,
	(ICAR Deemed University)
18.	National Dairy Research Institute, Karnal
Himachal Pradesh	
19.	CSK HP KrishiVishwavidyalaya, Palampur
20.	Dr Y S Parmar University of Horticulture & Forestry, Nauni, Solan
Manipur	
	Central Agricultural University
21.	Central Agricultural University, Imphal
Jammu and Kashmir	
22.	Sher-e-Kashmir University of Agricultural Sciences & Technology Jammu
23.	Sher-e-Kashmir University of Agricultural Sciences & Technology, Srinagar
Jharkhand	
24.	Birsa Agricultural University, Kanke, Ranchi
Karnataka	
25.	University of Agricultural Sciences, Raichur
26.	University of Agricultural Sciences, Bangalore
27.	University of Agricultural Sciences, Dharwad
28.	University of Horticultural Sciences, Bagalkot
29.	Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar

30.	University of Agricultural and Horticultural Sciences, Navile, Shimoga
Kerala	
31.	Kerala Agricultural University, Thrissur
32.	Kerala University of Fisheries and Ocean Studies, Papangad, Kochi
33.	Kerala Veterinary and Animal Sciences University, Pookode, Lakkidi, P.O. Wayanand
Madhya Pradesh	
34.	Jawaharlal Nehru KrishiVishwavidyalaya, Krishi Nagar, Adhartal, Jabalpur
35.	Rajmata Vijayaraje Scindia KrishiVidhyalaya, Race Course Road, Gwalior
36.	Madhya Pradesh Pashu Chikitsa VigyanVishwavidyalaya, Jabalpur
Maharashtra	
37.	Dr. Panjabrao Deshmukh KrishiVidyapeeth, Krishi Nagar, Akola
38.	Mahatma PhuleKrishiVidyapeeth, Dist. Ahmednagar, Rahuri
39.	Dr. BalasahebSawant Konkan KrishiVidyapeeth , Ratnagiri, Dapoli
40.	Marathwada Agricultural University , Parbhani
41	Maharashtra Animal & Fishery Sciences University, Seminary Hills, Nagpur
	(ICAR Deemed University)
42.	Central Institute of Fisheries Education, Panch Marg, Off Yari Road, Andheri (West), Mumbai
Nagaland	
	Central University with agricultural faculty
43.	Nagaland University, Lumbani, Medziphema
Orissa	
44.	Orissa University of Agriculture & Technology, Bhubaneswar
Punjab	
45.	Punjab Agricultural University, Ludhiana
46.	Guru Angad Dev Veterinary and Animal Sciences University Ludhiana
Rajasthan	
47.	Swami Keshwanand Rajasthan Agricultural University , Bikaner
48.	MaharanaPratap University of Agriculture & Technology, Udaipur
49.	Rajasthan University of Veterinary & Animal Sciences, Bikaner
50.	Sri Karan Narendra Agricultural University, Jobner, Jaipur
51.	Agriculture University, Jodhpur, Mandor, Jodhpur
52.	Agriculture University Kota, Borkhera, Kota
Tamil Nadu	
53.	Tamil Nadu Agricultural University, Coimbatore
54.	Tamil Nadu University Veterinary and Animal Sciences, Chennai
55.	Tamil Nadu Fisheries University, First Line Beach Road, Nagapattinam
Telangana	
56.	Sri Konda Laxman Telangana State Horticultural University, HQ at Rajendra Nagar Campus, Hyderabad
57.	Professor Jayashankar Agriculture University, Rajendranagar, Hyderabad
58.	Sri P.V. Narsimha Rao Telangana State University for Veterinary, Animal and Fisheries Sciences, Rajendranagar, Hyderabad
Uttar Pradesh	
59.	Narendra Deva University of Agriculture & Technology, Kumarganj, Faizabad
60.	Chandra Sekhar Azad University of Agriculture & Technology, Kanpur
61.	UP PanditDeenDayalUpadhyayPashuChikitsaVigyanViswaVidyalayaEvam Go AnusandhanSansthan, Mathura

62.	SardarBallabh Bhai Patel University of Agriculture & Technology Roorkee Road, Modipuram, Meerut
63.	Manyavar Shri Kanshiram Ji University of Agril. & Technology, Banda
	Central Agricultural University
64	Rani Lakshmi Bai Central Agricultural University, Jhansi
	Central University with agricultural faculty
65.	Banaras Hindu University, Varanasi
66.	Aligarh Muslim University, Aligarh
	(ICAR Deemed University)
67.	Indian Veterinary Research Institute, Izatnagar
Uttarakhand	
68.	GB Pant University of Agriculture & Technology, Pantnagar
69.	Uttarakhand University of Horticulture and Forestry, Bharsar, Pauri Garhwal
West Bengal	
70.	Bidhan Chandra KrishiVishywavidyalaya, Mohanpur, Nadia
71.	Uttar Banga KrishiVishwavidyalaya, PO Pundbari, Cooch Behar
72.	West Bengal University of Animal & Fishery Sciences, Kolkata
	Central University with agricultural faculty
73.	Vishwa Bharti, Birbum Distri, Shantiniketan, West Bengal

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
EDUCATION DIVISION
KRISHI ANUSANDHAN BHAVAN - II, PUSA,
NEW DELHI – 110012 (INDIA)

APPLICATION FORM FOR
NETAJI SUBHAS - ICAR INTERNATIONAL FELLOWSHIP 2019

Recent Photograph

1. **Full name** (block letters):

2. **Sex**: (M / F):

3. **Date of birth:**

4. **Contact Details**:
   a. Postal address:

   b. Permanent home address:

   c. Phone no:
   d. Email:
   (All the correspondence will be sent with this email)

5. **Father/Guardian's Name:**
   a. His relationship to applicant:
   b. Occupation
   c. Nationality
   d. Address

6. **Nationality**:

7. **Country of residence:**

8. **Passport details:**
   a. Aadhar No. (For Indian candidates' mandatory to receive the fellowships)
   b. Passport no.:
   c. Date of issue:
   d. Place of issue:
   e. Date of expiry:

9. **Academic qualifications obtained (Graduate degree) onwards:**
(Attach copies of documents)

Sl No.	University/Institution	Degree	Year	Subjects	Marks/Grades/ OGPA
1.					
2.					
3.					

10. Professional work experience and achievements (attach supporting documents):

(i) Awards/Honours/Scholarships like -Gold Medal, Best Thesis, NTS, JRF etc.
(ii) NET
(iii) ARS
(iv) Research/Teaching experience
(v) Details of Publications (Above NAAS rating of 4.0) in the following format.

S.No.	Authors and title of the publication	Name of journal	Scoring as per list of NAAS score of Science journals 2019	
			Journal ID	NAAS score
1.				
2.				
3.				
4.				

Note: Copies of Research papers should be attached.

11. Fresh candidate / In-service candidate (Tick one):

a. Year in which Master's degree completed in case of fresh candidate:
b. Details of Employer organization (name, address, head of organization) in case of in-service candidate:
c. Position held:
d. Deputation permission from parent organization enclosed? YES / NO

12. Details of Ph. D degree programme applied for:

a. Discipline/subject:
b. Name of the degree programme:
c. Academic session and year of admission:
d. Prescribed duration of the degree programme in years:
e. Proposed area of study:
f. Title of proposed research plan:
g. Host University, name, address and contact person details:
h. Acceptance letter for admission from Host University?: YES/ NO
(If yes, copy of the letter is to be attached)
i. Copy of research plan enclosed: YES/ NO

13. Names, addresses, contact phone numbers and e-mail addresses of two referees (one of the two referees should preferably be his/her supervisor in the current occupation (if employed) and one who is an expert in the area and well acquainted with the candidate's work):

a.

b.

14. Proficiency in English:

Written	GOOD( )	FAIR( )	POOR( )
Spoken	GOOD( )	FAIR( )	POOR( )

15. Knowledge of languages other than English:

Sl No	Name of Language	GOOD	FAIR	POOR

16. Name and Address of close relatives or friends, if any, in the country you propose to pursue the degree programme:

17. General remarks, if any, which you would like to offer: (in case the space is not sufficient, attach a separate sheet and sign the same)

Signature of Applicant

Date:
Place:

CERTIFICATE FROM THE CANDIDATE

(i) I hereby declare that the particulars given above are true to the best of my knowledge and belief, that I have understood and agree to abide by the guidelines/terms and conditions of the NS-ICAR International Fellowship scheme.

(ii) I undertake to complete the Ph.D. degree programme at ..... and will return to my country after completion of the degree programme.

Signature of Applicant

CERTIFICATE TO BE FURNISHED BY THE INDIAN DIPLOMATIC REPRESENTATIVE (in case of overseas applicants only)

Certified that I have personally checked and I am satisfied that

Mr./Mrs./Miss

(Name of the applicant)

is permanently domiciled in

(Name of the country)
and on completion of his/her studies in host country will return to

(Name of the country of domicile)

Certified that the entries in application form, particulars about examinations passed, marks obtained, subjects studies and syllabi covered have been checked with original documents and that application is complete in all respects. Scanned copies of relevant certificates, diploma or degrees of examinations passed have been enclosed by the applicant.

Signature

Name
Designation
OFFICE SEAL
Address

Date
Place:

CERTIFICATE OF PHYSICAL FITNESS

(By an authorized Medical Doctor)

Name of candidate:
Age:
Nationality:
Address:

Country:

MEDICAL REPORT:

1. Medical History:
2. Physical Examination:
3. Lungs:
4. Summary:

I believe that this applicant **IS/IS NOT physically able to carry on** a full course of study, involving long hours of work in a college/university/institution in India/abroad.

In my opinion, the applicant's health and physical conditions in general are:

EXCELLENT / GOOD / FAIR / POOR

He/She was successfully vaccinated/inoculated against small pox on:
He/She was presents no evidence of communicable disease or of any fatigue and has no physical defects.

GENERAL REMARKS:

Signature
Address

Date:
DOCTOR's SEAL:

IMPORTANT:
As a protective measure, those planning to study in India are strongly advised to get vaccinated against typhoid/cholera before coming to India. Similarly, those proceeding for overseas studies may get appropriate vaccination as per requirements of the host country.

CERTIFICATE OF PROFICIENCY IN ENGLISH
(in case of overseas applicants)

This is to certify that Mr./Ms

who is a National/domicile of (name of country)

and is an applicant for the **NETAJI SUBHAS-ICAR INTERNATIONAL FELLOWSHIP**

is **PROFICIENT / NOT PROFICIENT** in **WRITTEN / SPOKEN ENGLISH** and /or HAS / HAS NOT passed the English Proficiency Test conducted by the .....

Signature
Designation

Place:
Date:

SEAL of the Indian Diplomatic Mission

FORMAT

FOR REFEREE COMMENTS ON THE SUITABILITY OF CANDIDATE FOR NETAJI SUBHAS-ICAR INTERNATIONAL FELLOWSHIP

Name of the referee:

Désignation:

Affiliation:

Contact Phone:

Email:

- **I AM / AM NOT well acquainted with the work and achievements of Mr/Ms Son/daughter of Mr. and resident of**
- **I am SATISFIED/NOT SATISFIED that he/she has the sincerity, zeal and capacity to complete the Ph.D. programme applied for, with funding support provided under the Netaji Subhas-ICAR International Fellowship.**
- **I would, without hesitation, RECOMMEND / NOT RECOMMEND him/her for this programme.**

(Signature)

Date: