

Ministry of Education

SCIENCE & TECHNOLOGY DIVISION

BUILDING NO. 6, 9TH FLOOR

BANGLADESH SECRETARIAT

DHAKA.

Date: 3-1-90.

NO. STD-S-15/FELLOW(8)/89-90

National Science and Technology Fellowship, 1989-90

Applications in prescribed form are invited for National Science and Technology (NST) Fellowship for the session 1989-90. The following three categories of Fellowships will be offered for research work in their respective field:

1. Ordinary Fellowship: (a) Taka 1250/- per month (consolidated) for student-fellows engaged in part time research and (b) Taka 1650/- (consolidated) for whole time research fellows. Minimum academic qualification: M.Sc./B.Sc. Engineering/M.B.B.S./B.Sc.(Hons) in Agriculture/Animal Husbandry/Fishery/Agri. Engineering/Agricultural Economics/Forestry and M.Sc in Agriculture or equivalent degree from any recognised University having at least second class academic career all through but relaxable in case of candidates having 1st class in the graduate/post graduate level. Age not more than 30 years.

Person trained from vocational institutes/diploma holders from Polytechnic Institutes/Technicians having technical knowledge and experience and interested in research and development of appropriate technology/indigenous technology are also eligible for science and technology fellowship. Educational qualifications as stated above are relaxable in these cases. Age limit: 30 years.

2. Senior Fellowship: Taka 2800-3700/- per month (consolidated) according to qualification and experienced persons with the minimum qualification as that for ordinary fellowship and having 5 years research experience or Ph. D. degree are eligible to apply. Age: Not more than 35 years.
3. Expert fellowship: Taka 4,750/- per month (consolidated). Candidates with minimum qualification as that for senior fellowship and having minimum 10 years professional experience in any university/research organisations as renowned scientists or technologists either at home or abroad are eligible to apply. Age not more than 45 years.

In deserving cases, sponsors may recommend candidates who have appeared at the final exam and fulfilled all requirements for degree but results have not yet been published. In such cases candidates will not be called for interview if their results are not published in the meantime. The candidates who are in regular services in Govt/Semi-Govt./Non-Govt./Autonomous organisations are not eligible for fellowship.

FIELD OF R & D UNDER THE NST FELLOWSHIP PROGRAMME AND MODE OF WORK:

Emphasis will be given on applied & production oriented technological research. Considering the research programme of various agencies and the overall national requirement, research projects may be taken up in the following fields:

1. Physical, Engineering and Environmental Sciences: (a) New and renewable sources of energy; (b) Environment with particular reference to pollution control (c) Low-cost Housing; (d) Computer Science & technology; (e) Space science and remote sensing; (f) Meteorology; (g) Applied Mathematics and (h) Applied statistics.
2. Biological and Medical Sciences: (a) Biochemistry; (b) Herbal medicine (c) Prevention of drug addiction (d) Diabetes & (e) Health and medicare related important aspects.
3. Food and Agricultural science: (a) Food, Nutrition and Dietetics; (b) High Yielding Varieties of Crops; (c) Agronomy; (d) Entomology (e) Forestry and Erosion control; (f) Aquaculture.
4. Science & Technology Planning and Evaluation Research.
5. Appropriate Technology/Development of indigenous technology.

The duration of fellowship will be one year but may be extended maximum upto two years on year to year basis depending on the satisfactory progress of work. Specimen of application form, sponsorship certificate and fellowship rules can be obtained from the Science & Technology Division through personal contact or by sending a large size self-addressed envelope with 5.00 Taka postage stamp or from the concerned research institutions and universities.

The NST fellow will have to work under a supervisor being attached with Research Organisations/Universities/Govt. Departments as approved by the Science and Technology Division and as such the candidates should apply with specific project proposal through proper administrative channel with recommendations of the supervisor. Direct applications may also be considered in special cases.

Application in prescribed form along with two copies of passport size photographs, attested copies of academic records and certificate of sponsorship should reach the office of the undersigned on or before the 31st January 1990.

Suitable candidates will be selected later through an examination either written or oral.

Selected candidates will have to execute a bond stating that he/she will devote his/her time in research work sincerely and that he/she will not leave the fellowship before the completion of his/her research work as per programme. If he/she leave the work assigned upon him without prior permission of the Government, he/she will repay the Government the entire amount spent for him in the form of fellowship allowance and other facilities with interest at bank rate.

In special cases, candidates may be allowed to do research work leading to higher degrees such as M. Phil and Ph.D. The tenure of fellowship for M. phil and Ph.D. may be maximum upto 24 months and 36 months respectively.

(Gopal Chandra Sen)

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09 JAN 1990

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The Bangladesh Times