

# **Department of Biotechnology (DBT)**

GOVERNMENT OF INDIA

Ministry of Science & Technology

## **BIOTECHNOLOGY NATIONAL ASSOCIATESHIP SCHEME: 1992-93**

Applications are invited from Indian nationals for the award of Biotechnology National Associateship for pursuing advanced research or undergoing specialized training in Indian research institutes/laboratories in the priority areas of Biotechnology, viz. i) molecular biology; ii) microbial genetics; iii) rDNA technology; iv) molecular virology; v) immunology and immuno-diagnostics; vi) animal tissue culture, hybridomas and cell-culture-based vaccines; vii) plant tissue culture; viii) animal biotechnology; ix) aquaculture and marine biotechnology; x) peptide and nucleic acid chemistry; xi) modern techniques in industrial microbiology and bioconversion; xii) biochemical engineering, bioseparation and computer modelling; xiii) bioinformatics; xiv) emerging areas.

The applicants should possess a PhD/MD degree or equivalent in areas related to biotechnology. The candidates should hold regular position in research institutions/universities and should be actively engaged in biotechnological R&D work. Applications from persons working on temporary positions such as research fellows or associates etc. will not be considered. Scientists/technologists belonging to DSIR recognized in-house R&D centres under the aegis of public or private sector units, intending to join public-funded research institutes/national laboratories/universities and vice-versa, i.e. scientists from the latter institutions joining in-house R&D centres may be given some weightage for the award, provided they propose to work on specific scientific/technological problems relating to the production of biotechnology products.

### **Duration**

Six months to one year. In deserving cases, the duration is extendable by a maximum period of one year. In addition, Associates who avail the award for a period of nine months or more in India would also be eligible for their three months training abroad.

### **Details of the award**

Approval for the overseas training (where admissible) will not be automatic and will be decided on the basis of progress made by Associates in their work within the country under the award, proper justification, and consent given by his/her Indian supervisor as well as parent institute. The overseas training can be availed of within two years of completion of the research work/training within the country under the award.

Associates are entitled to (a) monthly associateship of Rs 2500 while in India and US\$ 1200 or its equivalent during the overseas training; (b) disturbance allowance towards housing in India on actual basis subject to maximum limit of Rs 500 per month; (c) personal equipment grant of Rs

2000 (lumpsum), provided the Associateship is availed in India for at least six months and, in addition, a personal equipment grant of Rs 2000 for overseas training; (d) research contingency grant of Rs 10,000 for six months' period of the award and then Rs 5,000 for every three months, which is disbursed to the host-institutes; (e) first class rail fare and air passage cost in economy class for joining host-laboratories in India and abroad respectively and back; (f) the Associates availing the award in another institute located at the same station as the parent institute and those who do not stay at the station of host-institute will not get the monthly associateship and disturbance allowance, except the personal equipment grant (if admissible) and research contingency grant.

Rules governing seniority, leave, etc. of the institution to which a candidate belongs, would continue to be applicable. No liability on account of salary will be borne by DBT.

Every selected candidate shall be required to execute a service bond to serve in India for at least one year after completing their training under the award, but in case of the overseas training, the bond's period will be two years and the bond is to be executed in supersession of the earlier bond.

Selected candidates should commence work under the award before 31 March 1993.

Candidates should submit their applications typed on plain paper (six copies with single enclosures) in the format given below to the Principal Scientific Officer (Attention: Dr V. P. Gupta) Department of Biotechnology, Block-2, 7th Floor, CGO Complex, Lodhi Road, New Delhi 110 003 by **10 November 1992.**

#### **Format**

Application for the Biotechnology National Associateship (1992-93).

1. Applicant's name (in full), designation and address. 2. Father's/husband's name. 3. Date and place of birth and age. 4. Academic qualifications (degree onward with subjects of specialization and distinction(s), if any). 5. Past and present employment record (give here details about employer(s), position(s) held and its nature—temporary/permanent, duration, duties and pay in chronological order). 6. Subject of current research work (enclose details of the research work being pursued by the candidate). 7. No. of research publications during last five years (enclose list, and attach reprints of three research papers which you consider the best). 8. Proposed subject of research/training (enclose (i) the precise research/training programme to be undertaken during the award, (ii) its relevance to the priority areas identified by DBT, (iii) to the plans and programmes of the parent institute, also (iv) candidate's future research plan for utilizing the knowledge gained during the award). 9. Proposed place of research/training (has the consent of host-institution been obtained? If so, attach its letter.). 10. Period for which the associateship would be availed. 11. Duration and other details of the past overseas visits, if any. 12. To which DBT identified priority area, the proposed research/training programme belongs. 13. Whether candidate belongs to SC/ST/physically handicapped category, if so attach the relevant certificate.

Place

Date

Signature of the Candidate

#### **STATEMENT FROM THE PRESENT EMPLOYER**

As per the terms and conditions of the associateship, candidates selected for the awards should be granted deputation terms with the payment of their salary and continuation of other

service benefits for the period of the associateship, by their employers. The parent institutions/employers must indicate clearly their commitment to this effect. Applications which are forwarded without such statement may not be considered. Whether the candidate is on regular or permanent staff of the institutions must also be indicated in the statement.

**Note:**

The Associateship is tenable only at those institutions which are engaged in major biotechnological research programmes. The DBT has identified the following list of such institutions: BARC/TIFR/HLRC/CRI/IIT/Haffkin's Institute, Bombay; AIIMS/JNU/DU/CFB/IARI/IIT-NIL, Delhi; NCL/NIV/HAL/Poona University, NFATCC, Pune; IICB, Bose Institute, Jadavpur University, Calcutta; IVRI, Izatnagar; IISc., Bangalore; Anna University, IIT, Madras, IIT, Kharagpur; CCMB, Hyderabad; IMT, Chandigarh; CFTRI, Mysore; CRI, Kasauli; RRL, Jammu; CDRI, CIMAP, Lucknow; MKU, Madurai; BHU, Varanasi; MSU, Baroda; Roorkee University. However, other institutions having well-established laboratory facilities and working actively in areas of modern biotechnology may also be considered in this regard. Candidates should correspond themselves with their host institutes for their placement. The associateship is not tenable at the candidates' parent institutes in any case.

Applications not sponsored by employer and forwarded by the institution/organization or received after the last date are likely to be rejected.

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