

**GOVERNMENT OF INDIA**  
**Ministry of Science & Technology**  
**Department of Biotechnology (DBT)**

**BIOTECHNOLOGY NATIONAL ASSOCIATESHIP SCHEME: 1997-98**

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) rDNA technology, (iii) Immunology and immunodiagnostics, (iv) Animal cell and tissue culture, hybridomas and cell-culture-based vaccines, (v) Plant tissue culture, (vi) Animal biotechnology, (vii) Aquaculture and marine biotechnology, (viii) Peptide and nucleic acid chemistry, (ix) Modern techniques in industrial microbiology and bioconversion, (x) Biochemical engineering, downstream processing and bioseparation techniques, computer modelling and process optimization, (xi) Bioinformatics, and (xii) Emerging areas.

The applicants should possess a Ph.D./M.D. degree in areas related to biotechnology. The candidates should hold regular positions in research institutions 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 joining 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.

**AGE LIMIT:** 40 years; candidates should not have crossed this age limit as on 1 January 1998.

**DETAILS OF THE AWARD**

- I. *Duration:* Six months to one year. In deserving cases, the duration is extendable by a maximum period of one year. In addition, the Associates who avail the award for a period of 9 months or more in India would also be considered for 3 months training abroad.
- II. Approval for the overseas training (where admissible) will not be automatic and will be decided on the basis of progress made by the Associates in their work within the country under the award, proper justification, and recommendations of his/her Indian supervisor as well as the associates' 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.
- III. Associates are entitled to: (a) monthly associateship @ Rs 2500 while in India and US \$ 1200 or its equivalent during the overseas training; (b) disturbance allowance towards housing in India on actual rent basis subject to a 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 6 months and in addition, a personal equipment grant of Rs 2000 for overseas training; (d) Research contingent grant of Rs 10,000 for 6 months period of the award and then Rs 5000 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 of the host institute will not get the monthly associateship and disturbance allowance, except the personal equipment grant and research contingency grant.
- IV. The selected candidates shall be entitled to the payment of salary and other service benefits by the institutions to which they belong. However, no liability on any of this account will be borne by DBT.
- V. 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 2 years and the bond is to be executed in supersession of the earlier bond.

VI. Selected candidates should commence work under the award before 31 July 1998.

Candidates should submit their applications typed on plain paper (six copies with single enclosures) in the format given below. No advance copy will be entertained. Candidates should ensure that application through proper channel should reach to Mr R. N. Mehrotra, Director, Department of Biotechnology, Block 2, CGO Complex, Lodhi Road, New Delhi 110 003 by 17 February 1998. After completion of selection procedure, results of selection will be communicated during March 1998.

### FORMAT

#### *Application for the Biotechnology National Associateship (1997-98)*

(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 (degrees onwards with subjects of specialization and Distinction(s), if any); (5) Past and Present Employment Record (give 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 the last five years (enclose list and attach reprints of 3 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 the consent letter); (10) Period for which the associateship 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.

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 such as entitlement to the payment of full salary and continuation of other service benefits during the period of the associateship by their employers. The parent institutions/employers must indicate clearly their commitment to this effect as also about continuity of employment after the associateship period. 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:** (1) 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, Haffkins Institute, Bombay; AIIMS, JNU, DU, CFB, IARI, IIT, NII, Delhi; NCL, NIV, HAL, Poona University, NFATCC, Pune; IICB, Bose Institute, Jadavpur University, Calcutta; IVRI, Izatnagar; IISc, Bangalore; Anna University, IIT, Chennai; IIT, Kharagpur; CCMB, Hyderabad; IMT, Chandigarh; CFTRI, Mysore; CRI, Kasauli; RRL, Jammu; CDRI, NBRI, CIMAP, Lucknow; MKU, Madurai; BHU, Varanasi; MSU, Baroda; Roorkee University. However, other institutions having well established lab facilities and working actively in areas of biotechnology may also be considered in this regard. Candidates should correspond themselves with their host-institutes for their placement. (2) The Associateship is not tenable at the candidates' parent institutes. (3) Applications not sponsored by employer and forwarded by the institution/organization or received after the last date are likely to be rejected.