

## BDI ACTIVITIES 1993-94

### 4. THE FORMATION OF BDI-NIA TRUST AND THE PREPARATION FOR THE FIRST AWARD

BDI provided an initial sum of 14,000 US dollars (5,48,000 takas) to Bangladesh University of Engineering and Technology (BUET) to establish a BDI-National Innovator's Award Fund. This Fund will be used to give an annual award of 50,000 takas to the selected best innovator(s) of Bangladesh. BDI-NI Award is the first national award to be given in recognition to innovation in technology. A meeting was held on 19 September, 1994 in the office of the Vice-Chancellor, BUET, Dhaka, Bangladesh and the BDI-NIA Trust was constituted to manage BDI-NI Award. Vice-Chancellor of BUET is the Chairman, and Director of the Institute of Appropriate Technology, BUET is the Chief Executive and Member-Secretary of BDI-NIA Trust. It was decided in the meeting to give BDI-NI Award from 1994. The entire structure of BDI-NIA including its principles, rules & regulations, forms and instructions to fill the forms, is presented in the following pages.

It was announced through a press release in Dhaka, Bangladesh that necessary forms to apply for the BDI-NI Award for 1994 will be available from the Office of the Chief Executive from October 1, 1994 and the last date for submission of completed application is December 31, 1994.

The BDI-NIA Fund is the first of a series of Award Funds that BDI intends to establish in Bangladesh to provide exemplary encouragements to different segments of key industries engaged in producing value-added products. BDI also intends to establish Funds to support academic research that would provide technical solutions to the on-going problems facing these industries. If anyone is interested in establishing one such Fund in their own names or relative's names (viz., BDI Such & Such Economics Research Fund, or BDI Such & Such Bio-technical Innovation Fund), he can provide a sum of 20,000 US dollars (tax-deductible) to BDI. BDI will take the responsibility of carrying out all the relevant works toward establishing the Fund in the same way it did for the BDI-NIA Fund.

## **THE BDI-NIA**

(Bangladesh Development Initiative - National Innovator's Award)

### **RULES AND REGULATIONS**

**19 September, 1994**

*Institute of Appropriate Technology (IAT)  
Bangladesh University of Engineering & Technology (BUET)  
Dhaka-1000, Bangladesh.*

## **THE BDI-NIA**

### **Bangladesh Development Initiative**

Bangladesh Development Initiative (BDI) is a non-profit, non-political federal tax-exempt corporation based in Pennsylvania and Washington, USA (812 Hope Street, Pittsburgh, PA 15220 and 15160 SE 54<sup>th</sup> Place, Bellevue, WA. Phone: 425-373-4013). BDI is committed to support various activities towards achieving substantial economic development of Bangladesh. All BDI initiatives should be targeted towards "systemic changes rather than isolated activities". BDI initiatives are generally guided by two economic propositions:

- (i) The social progress of a nation can be measured by the technological sophistication of the labor that goes into the production of the commodities of the nation.
- (ii) Until and unless average per capita income of Bangladesh is brought to a level comparable to that in the advanced industrialised countries the roots of sustainable and stable economic development cannot be established in Bangladesh.

### **BDI - National Innovator's Award**

It is recognised that technological innovation has an important role to play in making social progress and increasing income. In order to encourage technological innovations, Bangladesh Development Initiative (BDI) has established a National Innovator's Award (NIA) Fund at the Bangladesh University of Engineering and Technology (BUET) to award one prize and a certificate each year to the most outstanding

innovator for making the innovation in Bangladesh. The award will be named as Bangladesh Development Initiative - National Innovator's Award (BDI-NIA).

#### BDI-NIA Fund

BDI-NIA Fund has been established at BUET with the initial contributions of US\$ 5000/- in April (Tk. 1,92,760/=), 1993 and US\$ 9000/- (Tk. 3,55,000/=) in December, 1993. BDI-NI Award will be made on a perpetual basis from the annual proceed of the BDI-NIA Fund. Expenses for administering the award will be borne from the annual proceed of the BDI-NIA Fund. BDI-NIA Trust will be solely responsible for the efficient management of BDI-NIA Fund to meet the expenses of the award money and other incidental expenses on this account. At the initial stage an award of Tk. 50,000/= will be given on a yearly basis. The value of the award may be enhanced and/or the number of awards may be increased in future by the BDI-NIA Trust subject to the availability of necessary fund.

#### BDI-NIA Trust

BDI-NIA Trust shall consist of the following persons:

##### Chairman

1. Vice-Chancellor, BUET.

##### Members

2. Dean, Faculty of Architecture and Planning, BUET.
3. Dean, Faculty of Engineering, BUET.
4. Dean, Faculty of Electrical and Electronics Engineering, BUET.
5. Dean, Faculty of Mechanical Engineering, BUET.
6. Dean, Faculty of Civil Engineering, BUET.
7. Director, Advisory, Extension and Research Services (DAERS), BUET.
8. Dean, Faculty of Biological Science, Dhaka University.
9. Science and Technology Advisor and Joint Secretary, Ministry of Science and Technology, Government of Bangladesh.
10. Controller of Patents, Government of Bangladesh.

11. Managing Director, Sonali Bank.
12. President, Federation of Bangladesh Chamber of Commerce and Industries (FBCCI).

Member Secretary and Chief Executive of BDI-NIA Trust

13. Director, Institute of Appropriate Technology, BUET.

**Management of BDI - National Innovator's Award**

BDI-NIA Trustees will be responsible for deciding the BDI-NIA. The trustees will formulate necessary rules and regulations for deciding the award.

Director, Institute of Appropriate Technology, Bangladesh University of Engineering and Technology will be the Chief Executive of BDI-NIA Trust. The Chief Executive will execute various decisions of the BDI-NIA Trust for the purpose of operationalisation of the award.

The Comptroller, Bangladesh University of Engineering and Technology will maintain and operate BDI-NIA Fund as per instructions of the Chairman of BDI-NIA Trust. In order to meet incidental expenses an impressed fund amounting Tk. 5,000/= may be allowed by the Chairman and it will be operated and adjusted by the Chief-Executive of BDI-NIA Trust.

Every year, 31st December will normally be the last date for submission of applications (BDI-NIA: 01) for award for the following year.

After receiving the application forms, the Chief Executive will scrutinise the forms and present it to the meeting of the BDI-NIA Trust for subsequent processing.

The Trustees will identify three expert members for each proposal. The expert members may be among the BDI-NIA Trust and/or Outsiders.

The expert members will send their assessment in writing in prescribed form (BDI-NIA: 02) to the Chief Executive within a month from the date of receiving the proposals.

The Trust will meet and assess the proposals on the basis of expert evaluation reports and declare the award(s) normally in March every year.

The award will be conferred in a ceremony.

**BDI-NIA TRUST  
INSTITUTE OF APPROPRIATE TECHNOLOGY  
BANGLADESH UNIVERSITY OF ENGINEERING & TECHNOLOGY  
DHAKA-1000, BANGLADESH.**

**BANGLADESH DEVELOPMENT INITIATIVE  
NATIONAL INNOVATOR'S AWARD  
(BDI-NIA)  
RULES AND REGULATIONS**

1. Application for the award should be submitted to the Chief Executive of BDI-NIA, Director, Institute of Appropriate Technology, Bangladesh University of Engineering and Technology, Dhaka in prescribed application form (BDI-NIA:01).
2. Only the citizens of Bangladesh will be eligible for the award. Only those innovation works that have been carried out in Bangladesh will be eligible for consideration of the award.
3. Any Individual or organization of Bangladesh will qualify to compete for the award.
4. The award will consist of a cheque/draft of Tk. 50,000/= and a certificate.
5. To be considered for the award, innovation should be either an original product/process or an improvement on present product/ process so as to increase utility of the product/process by enhancing consumer advantages like reducing cost/effort of the user, reducing weight, increasing value or by improving performance, accuracy, reliability, safety, versatility etc. The innovation should have been successfully tried out in practice or have the potential for commercial applications.
6. The innovation should not be older than or patented earlier than 5 years, at the time of application.
7. The innovation may be referred, if necessary, to experts to solicit opinion. The patent office may also be consulted. While all possible care for the safety and secrecy of the innovation received will be taken, the BDI-NIA Trust will not be responsible for any loss or damage due to leakage of information pertaining to the innovation. Innovators are advised to seek prior protection by filing provisional patents under Patent Act and Patent Rules.

8. The applicant(s) may be requested to send the prototypes/ working models to the BDI-NIA Trust for study/demonstration and/or the BDI-NIA Trust may request the applicant(s) to organise on-site visits.
9. An application will be rejected in case any information therein is found to be incorrect.
10. In case more than one innovation are selected to receive the award, the prize money will be distributed equally among the award winning participants. Each of the winning participants will receive a certificate.
11. The award will be declared normally in March every year and the decision will be communicated to the applicant(s) concerned.
12. If no suitable innovation is found, the BDI-NIA Trust may not declare any award in a particular year.
13. The decision of BDI-NIA Trust will be final in this regard.
14. The officers of BDI, USA; members of BDI-NIA Trust; expert members for evaluation of applications shall not be qualified to apply for BDI-NIA.
15. BDI-NIA Trust may wish to publish a brief description of the proposals submitted for consideration of the award.

## **INSTRUCTIONS FOR THE APPLICANT(S) TO FILL BDI-NIA FORM: 01**

1. All forms and other details, diagrams, drawings and photographs must be submitted in quadruplicate. Information requested should be given in full and should be correct. Separate sheet may be attached if the space provided in the form is found insufficient.
2. The Title should be clear indicative of the innovations.
3. Names and address of all individuals responsible for the development should be indicated in item 2 of the form. Any change in address(es) should be informed immediately so that correspondence from BDI-NIA Trust is correctly addressed.
4. The technical description should be as exhaustive as possible. It should give specifications, performance, characteristics, limitations, principles of design/construction, details of method of construction/process/manufacture, etc. It should be supported by relevant drawings, diagrams, circuit details, and photographs.
5. The claim of originality (novelty) should be substantiated by pin-pointing in detail the relevant aspects.
6. Full details of the tests and quantitative data obtained during tests should be provided.
7. In case of joint application all applicants must sign on all the copies.



Bangladesh Development Initiative - National Innovator's Award  
Institute of Appropriate Technology  
Bangladesh University of Engineering & Technology  
Dhaka-1000, Bangladesh.

CONFIDENTIAL

**BDI-NIA FORM: 01** (To be submitted in QUADRUPLICATE)

**IMPORTANT**

1. Read " Rules & Regulations" before filling this application
2. Incomplete Applications are liable to be rejected.

1. TITLE OF INNOVATION:

2. NAME & ADDRESS OF THE APPLICANT(S)  
(in Full)  
(See "Rules & Regulations")

(a) .....

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.....

Thoughts & Initiatives 4-9

(b) .....

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- 3. DATE OF BIRTH:
- 4. EDUCATIONAL QUALIFICATION(S):
- 5. PROFESSIONAL/OFFICIAL DESIGNATION & ADDRESS OF ORGANIZATION

Telephone:            Telex:            Fax:

- 6. (i) When and where was the development work carried out?
- 6. ii) Was the development work undertaken as a research project in a Research laboratory/Institute or any other organization? If yes, please write the particulars.

7. DETAILED TECHNICAL DESCRIPTION (See "Instruction" 4)

8. PRESENT STAGE OF DEVELOPMENT: (Score off items which do not apply)

Model/Working Model/Prototype/Commercialized

9. CLAIMS OF ORIGINALITY

9(a) How is it different from known alternatives (indigenous and imported)? Pin point in detail the originality/novelty claimed (See "Instruction" 5)

9(b) Has it been patented? If so, patent number and dates of application/ acceptance and sealing (If patented, please enclose the copy of complete specifications)

10. ADVANTAGES CLAIMED OVER ALTERNATIVE PRODUCTS: (Strike off whichever is not applicable)

10(a) Reduced capital cost/operative cost/weight, volume for the same performance.

10(b) Improved performance/safety/layout/serviceability/range of applications/ utility directly or as an attachment.

10(c) Aiding import-substitution and self-reliance

10(d) Any other special merit

11. TEST(S)/DEMONSTRATION(S) CARRIED OUT

11(a) Give details of the test(s) carried out and result(s) obtained. Enclose test report(s)/certificate(s) (See "Instructions" 6)

11(b) Has the working model/prototype been demonstrated/supplied for use? If Yes, Give name(s) and address(es) of the persons/testing agencies and details of their observations/test results/opinions obtained (See "Instructions" 6)

12. DETAILS ABOUT COMMERCIALIZATION: Has the product/process been commercially used? YES/NO If Yes

12(i) Date(s) of commercialization, name(s) and address(es) of the parties manufacturing it and their annual sales.

12(ii) Names and addresses of the users, if any

13. Has your innovation been published in technical or scientific magazines? If so, enclose reprints/cuttings

14. Has the invention been submitted for consideration or considered for **ANY OTHER AWARD**? If so, give particulars.

15. Please write the title and a brief description of the innovation (If BDI-NIA Trust decides to publish these information, you will not have any objection).

Name of the Innovation:

Brief Description:

16. DECLARATION BY APPLICANT(S):

I/we have read the rules and conditions for the awards and instructions for filling the application form and agree to abide by them. The particulars are correct to the best of my/our knowledge.

Date:

Signature of applicant(s)

**BDI-NIA FORM: 02**  
**BDI-NIA Evaluation form to be filled in by Expert Members**  
**(STRICTLY CONFIDENTIAL)**

1.	Title of Innovation:		
2.	Application Number:		
3.	Criteria for Evaluation	Full Marks	Marks Obtained
3.1	For Patented Innovation	5	
3.2	For Merit of Degree Innovations/Novelty	50	
3.3	Potential for Commercialisation Commercialised	20	
3.4	Impacts (social, economic, environmental) of the Innovation	20	
3.5	Presentation of Application	5	
	Total	100	

Please write the marks obtained in words.

Date:

Signature  
Name and Address of Expert

Notes

For timely declaration of the award you are requested to send this form duly signed and sealed in Envelope - 1 by .....

Please put the Envelope - 1 in Envelope - 2 and send it to the following address.

Chief Executive and  
BDI-NIA Trust  
and  
Director  
Institute of Appropriate Technology  
Bangladesh University of Engineering & Technology, Dhaka-1000, Bangladesh.