



# Indian National Academy of Engineering

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TRANS No. 09/10/3397

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Vice-President (Fellowship, Awards and  
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**Ref : INAE/206/YEA**

**February 23, 2009**

To

INAE Fellowship / Engineering Institutions/Colleges /  
R&D Labs / Industry

**Sub : INAE Young Engineer Award 2009**

Dear Colleague,

Indian National Academy of Engineering (INAE) comprises Fellows who are distinguished persons from the engineering profession, and promotes the advancement and practice of engineering and technology and the related sciences and disciplines.

One of the objectives of the Academy is to encourage innovations, investigations and research to promote their applications for development of various sectors of national economy.

The Academy, in 1996, instituted the INAE Young Engineer Award for engineering research, excellence in engineering design, technology development and technology transfer. The Scheme has attracted nominations of bright young talent in the country and this has become a prestigious National Award since then. So far, 124 young engineers have been conferred this Award and their early recognition has encouraged the best upcoming talent to make innovative engineering and technological contributions for our national development.

I have pleasure in forwarding to you brochures giving the details of the Award and would invite you to sponsor suitable Candidates in various engineering disciplines. The nominations should be in a typed format on A-4 size paper according to the Proforma given in the enclosed Brochure. The application(s) should reach the Secretariat by **May 31, 2009**.

I look forward to your active cooperation

With best wishes,

Yours sincerely,

*Prem Krishna*  
(Prem Krishna)

*DRA*

*Circulate by Internet.*

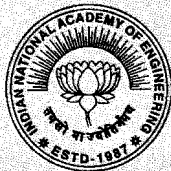
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# INAE Young Engineer Award 2009



**Indian National Academy of Engineering**

# INAE Young Engineer Award - 2009

## Preamble

Indian National Academy of Engineering (INAE) was established in 1987 to promote the advancement of and excellence in the practice of engineering and technology and the related sciences and disciplines. It is a 'peer' body of the most distinguished engineers from the entire spectrum of engineering profession in the Government, R&D Laboratories, Academia and Industry.

The Academy undertakes programmes on technology policy issues of national concern and recommends measures for appropriate action by policy makers, planners and administrators for the overall development of the country. One of the objectives of the Academy is to encourage inventions, scientific investigations and research to promote their application for development of all sectors of national economy.

With a view to promoting the pursuit of excellence in the field of 'Engineering', the Academy instituted the INAE "Young Engineer Award" in 1996. The selection for this prestigious Award is made by a Committee of distinguished Fellows of INAE on the basis of prescribed criteria. The names of all previous awardees are given in the INAE Website : (<http://www.inae.org>).

## Purpose of the Award

To recognise outstanding achievements /contributions made by Young Engineers in any branch of engineering.

## Eligibility

Any citizen of India not older than 35 years as on the 1st of January 2009.

## Criteria

Engineering research, excellence in engineering design,

technology development and technology transfer. Work submitted for consideration of the Award should have been carried out totally in India.

### **Call for Nominations**

Nominations are invited from engineers working in academia, government, R&D laboratories and industry. The sponsor must be either a Fellow of INAE or Head of the Organisation/ Institution where the nominee is working.

The nominations are to be sent on A-4 size paper in the prescribed format given in the brochure. (Ink signed copy of the nominations are to be sent, in case the same has been downloaded from INAE website). A CD containing a soft copy of the same be also sent in MS Word along with the hard copy of the Proforma.

### **Last Date for Nomination**

The last date for the receipt of nominations is 31 May 2009.

### **The Award**

The Award shall consist of Rs.1 lakh and a citation.

***The decision of the INAE Council shall be final.***

### **Presentation of the Work of the Nominee**

The Award is in recognition of engineering research, excellence in engineering design, technology development and technology transfer. The short-listed nominees will be invited to make a twenty minute presentation of their work before a Selection Committee of INAE Council on dates to be announced later. The candidates are advised to restrict the number of 'slides' of their

power-point presentations to about TEN and suitably organize them with appropriate figures and font sizes for effective communication / interaction with the Committee in the time specified. The presentation should begin with a brief c.v. of the candidate.

## **Forwarding of Nominations**

The nominations should be addressed to :

The Executive Secretary,  
Indian National Academy of Engineering,  
6th Floor, Vishwakarma Bhawan  
Shaheed Jeet Singh Marg  
New Delhi -110 016  
Phone : 011-26582635  
Fax: 011-26856635  
E-mail : [inaehq@inae.org](mailto:inaehq@inae.org)  
<http://www.inae.org>

# INAE Young Engineer Award – 2009

## Proforma for Nomination

(Five copies and CD in MS Word to be forwarded)

1. Name of the nominee :

2. Address (Office)

(Residence)

\_\_\_\_\_

\_\_\_\_\_

Telephone : \_\_\_\_\_

Telephone : \_\_\_\_\_

Fax : \_\_\_\_\_

Fax : \_\_\_\_\_

Email : \_\_\_\_\_

Email : \_\_\_\_\_

Mobile: \_\_\_\_\_

3. Date of birth of nominee

4. Present designation of the nominee

5. Name of the Institution in which the nominee is working :

6. Postal address of the Institution

7. Telephone, fax and email of the Institution :

8. Academic Qualifications

(Bachelor's degree onwards, with University, year, subject, Division/CGPA.

9. Engineering Discipline (Please specify) :

*(Civil Engineering; Computer & Information Technologies; Mechanical Engg; Chemical Engg & Biotechnology; Electrical Engg, Electronics & Communication Engg; Aerospace Engg; Mining, Metallurgical & Materials Engineering; Nuclear Power and Energy Technologies; Interdisciplinary Engg & Technology).*

10. Field of specialization of the nominee

11. Awards/Distinctions (International/National level)

12. Positions held earlier : (in reverse chronological order)

13. Names and addresses, telephone, Mobile, fax, email of upto 4 eminent engineers/ scientists from outside the nominee's institution to whom a reference may be made.
14. Significant engineering contributions of the nominee in not more than 500 words, and a summary thereof in about 50 words, separately covering engineering research, excellence in engineering design, technology development and technology transfer **during the last 5 years of the professional engineering career of the nominee (to be on a separate sheet).**
15. Classify the nominee's contributions (please tick as appropriate)

Primarily engineering research  (Complete Section 16)

Primarily engineering design,  (Complete Section 17)  
technology development, product development,  
technology transfer and project implementation

### 16. Contributions to Engineering Research

- (a) Provide complete lists of nominee's refereed journal papers, papers presented in Conferences, and books (The list of refereed journal papers and the list of conference/ symposium/ seminar papers to be made separately) according to the following examples.

1. \*Names of all authors, "Paper Title",  
Name of the Journal,  
Vol ..., No....., Month, Year, pp. ....-.....

2. \*Names of all authors, "Paper Title".  
Name of the Conference,  
Country, Date, pp ....-.....

3. \*Name of the Book, Names of all the authors,  
Publisher, Place, Year of publication

\* underline the name of the candidate

- (b) Out of the lists at (a) 1 and 2 above, give a list of the five most significant research publications during the last five years, along with one set of their reprints.
- (c) If the work has been done jointly with others, please highlight the nature and extent of the nominee's contribution.
- (d) Any other relevant information.

**17. Contributions to Engineering Design/Technology Development/Product Development/ Technology Transfer and Project Implementation, as applicable**

- (a) Complete list of designs, products or processes as applicable.
- (b) List of supporting documents, photographs, technical reports, certification if any, proof of production, technology transfer, etc., as relevant.
- (c) If the work has been done jointly with others, please highlight the nature and extent of the nominee's contribution.
- (d) Details of patents taken, if any.  
(In case of joint patents, the specific contribution of the nominee to be clearly indicated.)
- (e) Any other relevant information.

**18. Any additional information of relevance.**

*Contd.....*

Certified that the information given above is correct to the best of my knowledge.

Place : \*Sponsor's Signature \_\_\_\_\_

Date : Name \_\_\_\_\_

Designation  
and address \_\_\_\_\_

Seal: \_\_\_\_\_  
\_\_\_\_\_

Email \_\_\_\_\_

Mobile \_\_\_\_\_

**\* The sponsor must be either a Fellow of INAE or Head of the organization/ institution where the nominee is working.**