

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

RESEARCH AWARDS FOR THE YEAR 2011



IIT, Roorkee invites nominations/self nominations for the following Research Awards for the year 2011

- Khosla National Award
- Shamsheer Prakash Research Award
- Mahesh Varma Construction Research Award
- S.R. Mehra Memorial Award

- A.S. Arya– IITR Disaster Prevention Award
- V. N. M. M. Award
- Gopal Ranjan Research Award

1 **KHOSLA NATIONAL AWARD**

Khosla National Award of Rs. 51,000/- is given annually to an eminent Engineer/Scientist/Technologist from various disciplines for lifetime achievements irrespective of their association with IIT Roorkee. The award will also include a citation and a gold medal. The award will be open to Indian Nationals only, for original research work and/or application to real life problems for the **work done in India**.

2 **A.S. ARYA- IITR DISASTER PREVENTION AWARD**

The award is made for outstanding contribution in the area of Disaster Prevention / Mitigation. The term disaster shall include all types of Natural Disasters, Earthquakes, Cyclones, Floods, Land Slides, Forest Fires and Snow Avalanche. The Annual Award consists of a citation and a cash prize of Rs. 50,000/-.

- The award is open to citizens of India, Nepal, Bhutan and Bangladesh and will be given on the work done in one or more of these countries.
- He/She shall have distinguished himself/herself through outstanding work and internationally recognized action, going beyond the scope of his/her normal functions in one or more of the following –
 - The implementation at national or regional level, of activities designed to strengthen people's awareness of natural disasters.
 - The launching of scientific activities contributing to technological innovation facilitating disaster prediction.
 - The launching of scientific activities contributing to the strengthening disaster prevention and preparedness.
 - The promotion of activities which reduce the economic impact of disasters and which contribute to sustainable developments.
 - Other activities integrating disaster prevention and preparedness into development planning.
- The award may be given to an individual or a group of individuals for outstanding joint effort in the above areas.

3 **SHAMSHER PRAKASH RESEARCH AWARD**

The Annual Award is made for outstanding work in the field of Geotechnical and/or Geotechnical–Earthquake Engineering. It consists of a citation and a cash prize of Rs. 50,000/- and is open to a renowned young Indian Engineer, Scientist or Researcher who has not completed 45 years of age on Jan 01, 2011. The award will be primarily based on the research work done in the past five calendar years.

4 **V. N. M. M. AWARD**

The Annual Award of Rs. 50,000/- and a citation is given to an eminent Engineer for Innovative and Creative Work in the field of Engineering in India in any discipline to Indian National for this work done in India.

5 **MAHESH VERMA CONSTRUCTION RESEARCH AWARD**

One biennial Award of Rs. 15,000/- is made for outstanding contribution by a young Engineer, Technologist or Scientist of Indian nationality through original research for innovations in the field of Construction Technology and Construction Management categorised by Theoretical Work or Applied Research done in India during the five years preceding the year of Award.

6 **GOPAL RANJAN RESEARCH AWARD**

Gopal Ranjan Research Award of Rs. 55,000/- will be given to a deserving person on the basis of his/her 'Creative and Innovative Work' in the fields of Soil Characteristics/Foundation Engineering/ Ground Improvement / Soil Structure Interaction/Engineering Geology/Underground Structures/Rock Mechanics in India. The award shall be available to Indian National or alumni of IIT Roorkee (or its predecessor University of Roorkee) of any nationality.

7 **S.R. MEHRA MEMORIAL AWARD**

Prof S.R. Mehra Memorial Award of the value of Rs. 20,000/- for research in Transportation Engg/ Soil Mechanics. This award is made once in every two years for outstanding contributions made by an Indian engineer, Technologist or scientist through original research in the field of transportation Engg./Soil Mechanics categorized by Theoretical work or applied research done in Indian during the five years preceding the year of award.

Nominations are invited for all the above Awards from any of the following authorities in the proforma available at Institute website–

1. Director and Ex–Directors, Indian Institute of Technology Roorkee.
2. Ex–Vice Chancellors of the erstwhile University of Roorkee.
3. Presidents of National Scientific and Engineering Academics & Societies.
4. Vice Chancellors of Universities, Deans of Faculties of Science, Engineering & Technology, Principals of Engineering Colleges / School of Architecture & Planning.
5. Directors and Deans of Faculties of IITs/ Institutes/ Deemed Universities/ BARC.
6. Secretaries of Departments, Ministries dealing with Science and Technology.
7. Directors of National Research Laboratories.

Details and more information may be obtained from:–

S.K. SAINI
Assistant Registrar (Academic UGS)
Indian Institute of Technology
Roorkee
Roorkee – 247 667 (India)
Ph:(01332) 285015;
Fax (01332) 285015
E–mail : ssaniaad@iitr.ernet.in
Website : <http://www.iitr.ernet.in>

Self Nomination will also be accepted.

Note : Please visit the Institute website <http://www.iitr.ernet.in/awards> for detailed information concerning awards and application

THE LAST DATE FOR RECEIVING NOMINATION/SELF NOMINATION IS JUNE 30, 2011.



भारतीय प्रौद्योगिकी संस्थान रुड़की

रुड़की - 247 667, उत्तराखण्ड, भारत

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

ROORKEE - 247 667, UTTARAKHAND, INDIA

Phone : +91-1332-285255, 285955 (O), 285209 (R)

Fax : +91-1332-273496, 273560

e-mail : dean.acadres@iitr.ernet.in; dean.acadres@gmail.com

डा० सुरेन्द्र कुमार

Dr. Surendra Kumar

Ph.D. (Univ. Hannover, Germany)

कुलशासक, शैक्षणिक शोध

Dean, Academic Research

and

Professor of Chemical Engineering

No: ACD/ 265 /E-R.AWARDS/2011

Dated: April 26, 2011

Dear Sir,

Certain research awards have been instituted at this institute and the following awards will be made by institute during the year 2011.

- 1 **KHOSLA NATIONAL AWARD OF RS.51,000/-, A CITATION AND A GOLD MEDAL** (To an eminent Engineer/Scientist/Technologist from various disciplines for lifetime achievements irrespective of their association with IIT Roorkee for original research work and/or application to real life problems for the work done in India)
- 2 **A.S. ARYA-IITR DISASTER PREVENTION AWARD OF RS. 50,000/-AND A CITATION** (For outstanding contribution in the area of Disaster Prevention / Mitigation including all types of Natural Disasters, Earthquakes, Cyclones, Floods, Land Slides, Forest Fires and Snow Avalanche. The award may be given to an individual or a group of individuals for outstanding joint effort in the above areas.)
- 3 **SHAMSHER PRAKASH RESEARCH AWARD OF RS.50,000/-AND A CITATION** (For outstanding work in the field of Geotechnical and/or Geotechnical-Earthquake Engineering. Open to a renowned young Indian Engineer, Scientist or Researcher who has not completed 45 years of age on Jan.01,2011)
- 4 **VNMM AWARD OF RS.50,000/-AND A CITATION** (To an eminent Engineer for Innovative and Creative Work in the field of Engineering in India in any discipline; to an Indian National for his/her work done in India)
- 5 **MAHESH VARMA CONSTRUCTION RESEARCH AWARD OF RS.15,000/-**(For outstanding contribution by a young Engineer, Technologist or Scientist of Indian nationality through original research for innovations in the field of Construction Technology and Construction Management categorized by Theoretical Work or Applied Research done in India during the five years preceding the year of Award)
- 6 **GOPAL RANJAN RESEARCH AWARD OF RS. 55,000/-**(Gopal Ranjan Research Award of Rs. 55,000 will be given to a deserving person on the basis of his/her 'Creative and Innovative Work' in the fields of Soil Characteristics/Foundation Engineering/ Ground Improvement / Soil Structure Interaction/Engineering Geology/Underground Structures/Rock Mechanics in India. The award shall be available to Indian National or alumni of IIT Roorkee (or its predecessor University of Roorkee) of any nationality)
- 7 **PROF S.R.MEHRA MEMORIAL AWARD RS. 20000/-** (Prof S. R. Mehra Memorial Award" of the value of Rs. 20,000/- for research in Transportation Engg/ Soil Mechanics. This award is made once in every two years for outstanding contributions made by an Indian engineer, Technologist or scientist through original research in the field of transportation Engg./Soil Mechanics categorized by Theoretical work or applied research done in Indian during the five years preceding the year of award)

The Institute invites nominations to be considered for the above research awards and you are requested to kindly nominate eligible person(s) for any or all the awards. Each nomination shall be made in the attached Performa (prescribed separately for each award) giving detailed statement of work and scientific attainments of the nominee and a critical assessment report (not more than 500 words) bringing out the importance of the significant research and development contributions made by the nominee.

Nominations are to be sent along with 5 copies of the detailed statement of work and attainments of each nominee and discipline under which the nominee is to be considered as per the performa attached along with four sets of reprints of papers published/accepted for publication during the preceding 5 years period. The nominations should be sent in a sealed cover marked as 'CONFIDENTIAL' and addressed to the **S.K.SAINI, Asstt. Registrar Academic Studies, Indian Institute of Technology, Roorkee-247 667, Uttarakhand**, so as reach the institute on or before June 30, 2011. Self nominations will also be accepted.

Two copies of Performa for nomination of each award and **5** copies of the notification are enclosed for your perusal and necessary action. More copies can be had if needed.

An early action and your cooperation in this regard is requested.

With Regards,

Encls: As Above.

Director/Principal/Registrar/Dean
All IITs/ Engg. Colleges/Universities

Yours faithfully,

(Surendra Kumar)

For any queries for the award you may contact- **S. K. Saini, Asstt. Registrar (Academic Studies) IIT Roorkee, Roorkee-247667** (Telephone No. 01332-285015; Email ID. ssaniaad@iitr.ernet.in)



ANNEXURE-1
Nomination Form
(Last date for receipt: June 30, 2011)
INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
KHOSLA NATIONAL AWARD-2011

Code No. KNA-2011.....

(To be filled by the Office)

1. Name of the Nominee* _____
2. Date of Birth _____
3. Present position & Official Address

4. Positions held (in chronological order)

5. Research Area

6. Academic Qualifications
(Bachelor's degree onwards)

- In case the nomination is for joint award to more than one person, then the relevant data in respect of items 1 to 6 may given separately.

7.(a) Significant Contributions by the nominee(s) during his/her/their career in the subject area of the award(in about 1000 words-attach sheets)

(b) Summarize the most significant work of the nominee(s) on which the recommendation is based (in about 100 words).

(c) Impact of the contributions in the field of nominee(s).

8. Recognitions received, if any, on the work of nominee(s)

9. The following shall be enclosed with nomination:

(a) List of significant papers/articles/ brochures and any other relevant material in the area.

(b) One copy each of (a maximum of 10) most significant outputs.

10 Any additional information of relevance

Sponsor's/Nominee's Signature_____

Name and designation_____

Place:

Date:

Note: Five copies of Nomination with related documents are to be provided.



**ANNEXURE-1
Nomination Form**

(Last date for receipt: June 30, 2011)

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
A.S. ARYA-IIT ROORKEE DISASTER PREVENTION AWARD-2011**

Code No. ASA-2011.....

(To be filled by the Office)

1. Name of the Nominee* _____

2. Date of Birth _____

3. Present position & Official Address _____

4. Positions held (in chronological order) _____

5. Research Area _____

6. Academic Qualifications _____
(Bachelor's degree onwards) _____

- In case the nomination is for joint award to more than one person, then the relevant data in respect of items 1 to 6 may given separately.

7.(a) Significant Contributions by the nominee(s) during his/her/their career in the subject area of the award(in about 1000 words-attach sheets)

(b) Summarize the most significant work of the nominee(s) on which the recommendation is based (in about 100 words).

(c) Impact of the contributions in the field of nominee(s).

8. Recognitions received, if any, on the work of nominee(s)

9. The following shall be enclosed with nomination:

(a) List of significant papers/articles/ brochures and any other relevant material in the area.

(b) One copy each of (a maximum of 10) most significant outputs.

10 Any additional information of relevance

Sponsor's/Nominee's Signature_____

Name and designation_____

Place:

Date:

Note: Five copies of Nomination with related documents are to be provided.



ANNEXURE-1
Nomination Form

(Last date for receipt: June 30, 2011)

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
SHAMSHER PRAKASH RESEARCH AWARD-2011

Code No. SPA-2011.....

(To be filled by the Office)

1. Name of the Nominee* _____
2. Date of Birth _____
3. Present position & Official Address

4. Positions held (in chronological order)

5. Research Area

6. Academic Qualifications
(Bachelor's degree onwards)

P.T.O.

11. The following shall be enclosed with the nomination:

(a) A complete list of publications in standard referred journals in the last five years immediately preceding the year of award with reprints of up to ten papers considered most significant.

(b) A complete list of publications.

12. Titles of books published with the names of the publisher and the years of publication.

13. Details of Patents

13. Any additional

Information of

relevance:

Signature of the Nominator or the Application

Name and Designation

Place:

Date:

Note: Five copies of Nomination documents are to be provided.



ANNEXURE-II
Nomination Form
(Last date for receipt: June 30, 2011)
INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
V. N. M. M. AWARD-2011

Code No. V. N. M. M-2011.....

(To be filled by the Office)

Nomination Form

1. Name of the Nominee* _____
2. Date of Birth _____
3. Present position & Official Address

4. Positions held (in chronological order)

5. Research Area

6. Academic Qualifications
(Bachelor's degree onwards)

- 7.(a) Significant contributions by the nominees(s) during his/her career in the subject area of the award(in about 1000 words-attach separate sheets)
(b) Summarize the most significant work of the nominee(s) on which the recommendation is based (In about 100 words)

(c) Impact of the Creative and Innovative work in the field of Soil Characteristics /Foundation Engineering /Ground Improvement /Soil Structure Interaction /Engineering Geology /Underground Structures /Rock Mechanics in India.

(d) List of Patents, if any.

8. Recognitions received, if any, by the nominee(s) on his/her work

9. The following shall be enclosed with nomination:

- (a) List of significant papers/ reports/ articles/ brochures and other relevant material in the area of award.
- (b) One copy each of (a maximum of 10) most significant outputs.

10. Any additional information of relevance

Sponsor's/Nominee's signature _____

Name of designation _____

Place :

Date:

Note: - Five copies of Nomination with related documents are to be provided.



Nomination Form
(Last date for receipt: June 30, 2011)
INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
MAHESH VARMA CONSTRUCTION RESEARCH AWARD-2011

Code No. MVC-2011.....

(To be filled by the Office)

1. Name of the Nominee* _____
2. Date of Birth _____
3. Present position & Official Address

4. Positions held (in chronological order)

5. Research Area

Engineering (mention special field) _____
Technology (mention branch) _____
Sciences (mention discipline) _____

P.T.O

6. Academic qualification of the nominee (Bachelor's degree onwards)

7. Names and addresses of 3 indian Engineers/Technologists/Scientists in the area (as possible referees)

(1) _____

(2) _____

(3) _____

8. (a) Significant contributions by the nominee during his/her entire carrier in about 500 words(attach sheets)

(b) Significant contributions by the nominee based on the work primarily done in India during the last 5 year preceding the year of the Award in about 500 words. Specific reference be made to papers published in this context (attach extra sheets)

(c) Summarize the most significant work of the nominee on which the recommendation is based (in 100 words)

(d) Impact of the contribution in the concerned field. Theoretical or applied.

9. Places where work has been referred/cited (This information is preferable but no necessary)

P.T.O.

10. The following shall be enclosed with nomination

- (a) Complete list of publications in standard referred journals in last five years immediately preceding the year of award with reprints of up to ten papers considered most significant.
- (b) Complete list of publications (a copy of each of the most outstanding ones may be enclosed)
- (c) Details of books

Published, if any _____

- (d) Details of patents
taken, if any

11. Any additional

Sponsor's Signature _____

Place

Name and designation _____

Date

Note:

No nomination will be considered valid in the absence of the required information on all the items specially item 8, Listing of research papers and publications in item 10 should be done in three columns (i) Names of all authors in the order as appearing in the paper (ii) Title of the papers/Publications and (iii) Names of the journal, volume, year and page No.

Note: Five copies of Nomination with related documents are to be provided.



ANNEXURE-II
Nomination Form

(Last date for receipt: June 30, 2011)

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
GOPAL RANJAN RESEARCH AWARD-2011

Code No. GRR-2011.....

(To be filled by the Office)

Nomination Form

1. Name of the Nominee* _____
2. Date of Birth _____
3. Present position & Official Address _____

4. Positions held (in chronological order) _____

5. Research Area _____

6. Academic Qualifications _____
(Bachelor's degree onwards) _____
- 7.(a) Significant contributions by the nominees(s) during his/her career in the subject area of the award(in about 1000 words-attach separate sheets)
- (b) Summarize the most significant work of the nominee(s) on which the recommendation is based (In about 100 words)

(c) Impact of the Creative and Innovative work in the field of Soil Characteristics/Foundation Engineering /Ground Improvement /Soil Structure Interaction /Engineering Geology /Underground Structures/ Rock Mechanics in India.

(d) List of Patents, if any.

8. Recognitions received, if any, by the nominee(s) on his/her work

9. The following shall be enclosed with nomination:

- (a) List of significant papers/ reports/ articles/ brochures and other relevant material in the area of award.
- (b) One copy each of (a maximum of 10) most significant outputs.

10. Any additional information of relevance

Sponsor's/Nominee's signature _____

Name of designation _____

Place:

Date:

Note: - Five copies of Nomination with related documents are to be provided.



ANNEXURE-1
Nomination Form
(Last date for receipt: June 30, 2011)
INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
S.R.MEHRA MEMORIAL AWARD-2011

Code No. SRM-2011.....

(To be filled by the Office)

1. Name of the Nominee* _____
2. Date of Birth _____
3. Present position & Official Address

4. Positions held (in chronological order)

5. Research Area

6. Academic Qualifications
(Bachelor's degree onwards)

- In case the nomination is for joint award to more than one person, then the relevant data in respect of items 1 to 6 may given separately.

7.(a) Significant Contributions by the nominee(s) during his/her/their career in the subject area of the award(in about 1000 words-attach sheets)

(b) Summarize the most significant work of the nominee(s) on which the recommendation is based (in about 100 words).

(c) Impact of the contributions in the field of nominee(s).

8. Recognitions received, if any, on the work of nominee(s)

9. The following shall be enclosed with nomination:

(a) List of significant papers/articles/ brochures and any other relevant material in the area.

(b) One copy each of (a maximum of 10) most significant outputs.

10 Any additional information of relevance

Sponsor's/Nominee's Signature_____

Name and designation_____

Place:

Date:

Note: Five copies of Nomination with related documents are to be provided.