

F.No.10/6(35)/2016-P&C  
Government of India  
Ministry of New and Renewable Energy

Block No-14, CGO Complex  
Lodhi Road, New Delhi-110003

Dated: 07/07/2017

**Subject: Awards for Innovative Ideas in New and Renewable Energy-"Abhinav Soch-Nayee Sambhawanayen".**

### 1. Introduction

1.1 Innovation is imperative for indigenous technology development and hence socio economic development. In renewable energy, the sustained technology innovation has resulted into widespread adoption of various renewable energy systems and devices for various applications across the globe. Prizes for innovative ideas is therefore a practical way for stimulating the desire to invent and implement the refined and established technologies. In this endeavor, the Ministry of New & Renewable Energy (MNRE) has introduced a scheme "Award for Innovative Ideas in New and Renewable Energy"- "Abhinav Soch-Nayee Sambhawanayen" in order to recognize and encourage the innovation in New and Renewable Energy Sector. The innovative ideas/concept should lead to prototype development.

### 2. Nature of Award

2.1 The award will be given for innovative ideas supported by basic scientific principles covering design, operation and utility aspects of the product. The awards will be given annually, total 16 awards will be given in area of the new and renewable energy as follows:

- a) Solar: Any innovation in Solar Water Heaters, Solar Cookers, solar concentrating collector, evacuated tube collector, receiver, selective coating, Solar PV home/street lighting/off-grid system, Invertor, storage systems, including related components, Solar PV water pumping systems and any solar hybrid system.
- b) Wind: Any innovation in wind turbine based power generating system, wind water pumping system, any wind hybrid system.
- c) Biomass: Any innovation in Bio-methanation, biogas purification/enrichment system, gasification and biofuels.
- d) Small Hydro: Any innovation in turbine technology, management of generated power, design aspects in civil work.
- e) New Technologies: Any innovation in new technologies such as hydrogen, fuel cell, geothermal.

2.2 The award will consist of a citation and cash prize of Rs.5,00,000/- (Rs. Five Lakh), Rs 3,00,000/- (Three Lakh) and Rs 2,00,000/- (Two Lakh) for Ist , IInd and IIIrd ranks respectively .

2.3 If adequate number of nominations is not there, or if no one is found suitable, no award will be given during that year or in that area.

### 3. Purpose of Awards

3.1 The objective of the award is to encourage talent of any age for their innovative ideas in resource assessment, improved design, improving the conversion efficiency/production/process/reducing maintenance schedule/automation, improving the machinery used in production, marketing/mass-scale propagation, etc. in the area of new and renewable energy. The award will be given to enable the person to pursue his/her innovative ideas for product/process development for desired applications.

3.2 The awardee will be given an opportunity to pursue R&D for transforming his/her/their innovation to product/process as an entrepreneur for desired applications. The MNRE will organize support in form of grant to the innovator for the purpose. The awardee will have to submit a proposal with details of the project which will be examined by an expert committee for consideration of support by MNRE.

### 4. Eligibility

- (i) The awards will be provided to any Indian citizen involved in activities resulting in innovation in new and renewable energy.
- (ii) The innovation should be based on scientific principles and evidence for utility's increasing efficiency/improving process and reducing cost.

### 5. Nomination

- (i) Nominations for the award will be invited by MNRE through its website and national/regional dailies and also through relevant both state and central government departments/organizations.
- (ii) Heads of SNAs, Vice-Chancellors of Agricultural Universities/Central Universities/CSIR Labs/Directors of ICAR/AICTE/DGET institutes/Biofuel Boards/National Innovation Foundation (NIF), Ahmedabad, IITs, CIIE, IIM, Ahmedabad will be requested to identify and nominate the candidates in their area of jurisdiction and forward the authentic information in duly filled application in the format to MNRE. These institutions will play an important role in identifying the candidates who have innovative ideas which could be translated into a product. Self-nomination in prescribed format through speed post/registered post or through MNRE website may also be considered.
- (iii) Information regarding the nomination should be sent by the candidate as per the prescribed proforma with a two page concept note describing the complete details of innovation including drawings and working principle on or before the closing date. The prescribed proforma is given at Annexure A.

### 6. Number of awards

6.1 There will be 16 awards in the field/sector viz. Solar, Wind, Biomass, Small Hydro and New Technology with following cash prizes :

S.No	Category	Cash Prize(Rs)	Number of awards in each category	Total award value (Rs)
1.	First Prize	5,00,000	1	5,00,000
2.	Second prize	3,00,000	5	15,00,000

*Tanuj Das*

3.	Third Prize	2,00,000	10	20,00,000
Total				40,00,000

## 7. Screening of Nominations

7.1 A preliminary screening committee will be set up by MNRE to examine the nominations for their worth and shortlist the nominations. The shortlisted candidates will be invited to display their design/drawings/innovation in an exhibition to be organized at National Institute of Solar Energy (NISE), Gurgaon.

7.2 The innovators will be required to explain the working and merits of the innovation in the exhibition/competition. The shortlisted candidate will be provided TA/DA as per Government of India rates.

7.3 A five-member Judging Committee comprising experts in the respective area will be appointed by Secretary, MNRE for making on the spot assessment and recommendation of awards.

## 8. Presentation of the Award

8.1 A national level competition will be organized at National Institute of Solar Energy (NISE), Gurgaon, wherein the shortlisted candidates will be provided an opportunity to display and demonstrate their innovation as follows;

Day 1: The candidates will be required to set-up their prototypes/designs at the exhibition/competition for demonstration.

DAY 2: All candidates will display and demonstrate their innovation before the Judging Committee.

DAY 3: The winners will receive the award in the form of a citation and award money from Honorable Minister for New and Renewable Energy(IC).

## 9. Expenditure

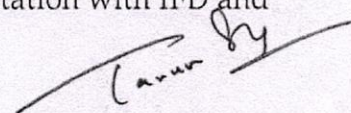
9.1 The expenditure towards organizing the competition and award ceremony will be met by MNRE. Total expenditure on execution of this award scheme is expected to be Rs. 76 lakh per annum as follows:

- |   |             |
|---|-------------|
| i. Award Money  | Rs. 40 Lakh |
| ii. TA/DA and accommodation to Awardees                   | Rs. 20 Lakh |
| iii. TA/DA, accommodation and sitting fee to jury members | Rs. 3 Lakh  |
| iv. Publicity/exhibitions                                 | Rs. 8 Lakh  |
| v. Other contingent expenses                              | Rs. 5 Lakh  |

10. The expenditure will be met from the Ministry's budget head Demand No. 61- Ministry of New and Renewable Energy, 2810 New and Renewable Energy (Major Head), 06 New & Innovative project/NINEI/NURE/WREM, 11.06.31, Grants-in-aid-General having budget provision of Rs 12 crores for the year 2017-18.

11. This order supersedes the scheme issued vide order no. 10/6(35)/2016-P&C dated 30.11.2016.

12. This issues with the approval of Secretary, MNRE in consultation with IFD and vide IFD concurrence Dairy no. 269 dated 28.06.2017.

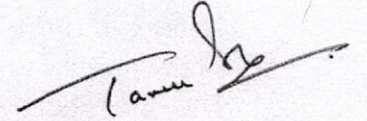


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Copy to:

1. All SNAs implementing MNRE's Programme
2. DG, Council of Scientific and Industrial Research CSIR, Anusandhan Bhawan, 2 Rafi Marg, New Delhi-110001
3. DG, National Institute of Solar Energy, 19<sup>th</sup> Milestone Gurugram-Faridabad Road, Gwal Pahari Gurugram
4. Chairman, University Grants Commission, 35, Firoze Shah Road Near Metro Station, New Mandi House, New Delhi, Delhi 110001
5. Indian Council for Agricultural Research (ICAR), New Delhi
6. Chairman, National Innovation Foundation, Ahmedabad, Gujarat
7. All IITs
8. Chairman, AICTE, New Delhi
9. CEO, CIIE, IIM, Ahmadabad.
10. JS&FA, ADV (BSN) /DS(IFD), MNRE
11. JS (ANS)/ JS (BPY)/JS(JS) / EA/All Advisers
10. Controller of Accounts
11. Deputy Controller of Accounts
12. PAO
13. Concerned file

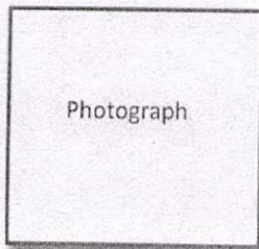


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**AWARDS FOR INNOVATIVE IDIAS IN NEW AND RENEWABLE ENERGY-"ABHINAV SOCH-NAYEE SAMBHAVANAYEN".**

**NOMINATION FORM**



Sl. No	Particulars	Information
1	Name of the state and organization through which nomination is being submitted (Nomination can be submitted to only the state of which the citizen is resident)	
2	Year	
3	Name of the Citizen (As in Aadhar Card)	
4	Father's/Husband's Name	
5	Marital Status	
6	Date and Place of birth	
7	Aadhar Card No.	
8	Postal address	
9	Educational Qualification (Please provide self attested certificates)	
10	Details of innovation with technical details; (i) Name of system/Device; (ii) Technical details such as design specifications, operating principles and applications with capacity.	To be given separately in two pages as annexure.
11	Any other relevant information (documentary proofs through photos, publications, CDs, Certificates, medals and awards, etc.)	

(Signature of the Citizen)

SNAs, Vice-Chancellors of Universities/Central Universities/CSIR Labs/Director of ICAR /AICTE/DGET institutes/Biofuel Boards of various states, Head of State Council for Science & Technology, IITs, CIF, Ahmadabad, CIIE, IIM, Ahmadabad, etc will identify and nominate the candidates in their area of jurisdiction and forward the authentic information to their SNAs along with duly filled application and concept note. Self-nomination in prescribed format through speed post/registered post may also be considered by the SNAs.

(Signature of Sponsoring Officer/Designation)

Seal

Date