

Nomination due by June 30

## INDIAN INSTITUTE OF CHEMICAL ENGINEERS

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### NOMINATION FORM A – 12

**Dr. A.V. RAMA RAO FOUNDATION'S  
BEST Ph. D. THESIS AND RESEARCH AWARD  
IN CHEMICAL ENGINEERING/TECHNOLOGY for the Year 2018**

**(for thesis submitted during the calendar Year 2016 and publications/patents based upon it)**

*(N.B. Make use of this format to prepare **5 nos. of hard copies** of the nomination papers including all appendices and one set of reprints or related documents along with **a soft copy in CD**. Submit one copy of the thesis. Do not type on this form)*

01. Name of the Nominee:

02. Category of Membership and Membership Number of IICChE :

03. Complete Address for Correspondence:

a) Works : \_\_\_\_\_  
\_\_\_\_\_

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

Email :

b) Residence: \_\_\_\_\_  
\_\_\_\_\_

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

Email :

04. Date of Birth:

05. Academic qualifications beginning with Bachelor' s Degree: (Appendix 1)

06. Professional experience: (Appendix 2 )

07. Present post and name of employer:

08. Name of the Institution/Organization where the Doctoral Research was conducted.

09. Date of Submission of Thesis:

10. Outstanding achievements in research of the nominee (300 words) (Appendix 3)

11. Discuss the nature of contributions/innovations (*see sections 19 and 20 below*)

as regards the following in each paragraph consisting of,

(i) fundamental/.theoretical contributions/new theories

(ii) experimental/ applied research/new insight in experimental analysis

(iii) Patents acquired/applied

(iv) Number of international publications in high impact factor journals and the cumulative index as per section 19 and 20 below

(v) Single authored/independent publications by the nominee while doing this research

(vi) Points earned through citation of nominee's research (see section 18 below)

(vii) The average impact factor of publications and the cumulative impact factor for publications. For publications involving multiple authors (more than 2), the impact factor should be divided by the number of authors). (see section

(see the website of Institution of Scientific Information, USA for getting the latest impact factors)

- (viii) Is any of the research contributions mentioned in the thesis is commercialized? If yes, give the details including the supporting documents from the industry.
12. Summary of contributions and innovations in the form of a citation (150 words) (Appendix 4)
  13. (a) Name of Institution where the Research work was carried out  
(b) Name of the Main/Only Research Guide with title  
( Attach one page bio-data of the Main Supervisor/Guide as Appendix 5 indicating the Membership Category with No. of IICChE. Mention if the Guide has won any of the awards of the IICChE).
  14. If any of the publications has co-authors from outside the nominee's institution, what is the nature of the persons contributions?
  15. Awards/Honours/Recognitions of the nominee (Appendix 6)  
Whether the achievements have already been recognized by awards (to any team member or the nominee alone) by any learned body; if so, the name of the body, the award and the year of award may be given (Attach a copy of the citation, if any).
  16. Seminars/ Conferences attended and details of talks given (Appendix 7)  
(a) Details of talk on the concerned process/product innovation  
(b)Titles of seminars/speeches given or presentations made before learned bodies/associations/other institutes as invited speaker/guest of honour/chairmanship of sessions of national and international symposia, etc.  
(c) Papers presented in conferences and symposia (Give the details including names of co-authors)
  17. Whether participated as member of important national committees of professional bodies  
or assisted the Government in formulating new policies on industry/education research/ social causes (some exceptional individuals may have done it during the course of research or may be self-guides) (Appendix 8)
  18. Details of patents taken, if any (Appendix 9)
  19. List of technical papers published, if any, with the following details (Appendix 10)

*Title with Authors in the same order as published, name of the journal (year of publication), volume number (issue number if any), page numbers.*

20. Analysis of research output in a tabular form in terms of impact factor. This information must be provided (Appendix 11) **(Use this information in section 10 above for quantification)**

<i>Name of Journal</i>	<i>Year of Publication</i>	<i>Number of authors of the concerned paper of the nominee</i>	<i>Impact factor (see the previous years values on the internet)</i>	<i>Division of the impact factor by the following number (Up to two authors, use the same number; for more than two authors divide by the number of authors)</i>	<i>Points earned Per paper</i>
<i>International Patent</i>			25		
<i>Indian Patent</i>			5		
<i>Peer reviewed journal</i>			<i>Use the actual number</i>		
<i>Peer reviewed conference Proceedings</i>			1		
<i>Number of</i>			<i>Each citation</i>	<i>Divide by number of</i>	

<i>citations by others excluding self-citations</i>			<i>should be given the same point as the impact factor of the journal</i>	<i>authors ( 1 for two authors , actual number of authors for more than 2)</i>	
<i>Books published</i>			<i>International 20, local 10)</i>	<i>No division</i>	
				<i>Total Points</i>	

21. Names of other researchers who have cited the nominee's papers excluding self-citations (see citation index)(Appendix 12)

*Title with Authors in the same order as published, name of the journal (year of publication), volume number (issue number if any), page numbers.*

*Give the cumulative impact factor using the above table. Use the actual impact factor for this calculation.*

22. List of in-house publications or Departmental reports supporting the achievements with a brief summary (Appendix 13).

23. Any other information relevant to the nomination (Appendix 14).

24. Is the nominee aware that he is being nominated for the award or the information about him is collected from the organization and submitted? In such a case, obtain no objection certificate from the nominee's employer or forward the nomination through the Head of the organization if the sponsor belongs to the same organization as the nominee. Attach this letter as Appendix 15.

25. If selected for the award, the nominee will be required to give an oration in the Annual Congress- CHEMCON held in the month of December.

Give the tentative title of the talk on area of research for a duration of 15 - 20 minutes (if the nominee has already informed the sponsor). If the nominee does not know that he is being nominated or may be he/she is abroad and/ or not accessible then, it should be stated accordingly.)

**I, the sponsor, hereby declare that the information provided above is true and believe by bestowing this award to the nominee, the IChE's image will be enhanced. I also state that I am not the office bearer of the IChE at the national or regional level.**

Name and Signature of the Sponsor/Research Guide

Designation, employment and complete address of the sponsor including telephone

IChE Membership Number:

Place & Date

**N.B.: The Institute/Organization, to which the awardee/sponsor belongs should preferably become an Organizational Member of IChE.**

## **GENERAL INSTRUCTIONS AND INFORMATION**

1. There is no restriction on the number of nominations submitted by a particular institute but there should be only one nomination per Guide. Since the point system is well defined, the concerned Institute will have a fair idea of who should be nominated. In some cases, the person may be a self-guide for which the Head of the Institute should nominate him/her. The thesis should have been submitted during the calendar year two years before the Chemcon.

2. Note that there is a gap of one and half years after the thesis is submitted which is sufficient for all publications to appear in print. In the case of foreign patents, the scrutiny is normally over within 1-2 years from the date of application. Please do not nominate a thesis from which no international publication has appeared. It will not be considered at all. This award is strictly meant for promoting talent in the country and thus it is expected that the authors of the papers are based in India and genuinely the contributors to the publication. **June 30** will be the last date for receiving the nominations in the Head Quarters.
3. The international system of impact factor is used to quantify research contribution in terms of not only numbers but also the quality of innovation and productivity.
4. The current value of the total award is Rs. 25,000/-. This nominee will receive Rs. 15000/- and a citation and his/her principal guide will receive Rs. 10,000/- and a certificate. Travel and other expenses for this purpose will have to be borne by the recipient of the award. The award will not be shared from the year 2001 onwards since the nominations are valid for three years.
5. No council member or the member of the judges/awards committee can nominate anybody for the award in their individual capacity. In case of nominations from the organizations of the members of the Awards Committee, the concerned member will refrain from making any judgment for the particular award. However, Heads of Institutes can nominate the best thesis from their organizations which might have been guided by the Council member of the IChE including the office bearers of the IChE, both of the concerned Regional Centre and/or National Body.
6. The sponsor must be a corporate member of the IChE for this particular award. The past award winner can nominate deserving candidates. Persons of eminence, who may or many not be members of the IChE, who hold equally important positions and those who are in such capacities as Managing Director/Chairman/ President/ Director of Educational/Research Institute/ Padma Awardee/ Director Generals/Director of National Laboratories/Secretaries of Govt. Departments/Past Presidents of the IChE or sister bodies/ Past Presidents of industrial organizations can nominate only the deserving individuals.
7. The award winner will be required to make a presentation of 15 - 20 minutes on his research in one of the sessions during the Chemcon. If he/she cannot attend then the research guide will present the work.
8. The award winners thesis and the publications will be a property of the IChE and will be kept in the Institute's Library for the benefit of others.
9. The sponsor has desired that if any guide gets this award twice then he will be given a special silver medal or gold medal.
10. In case of any query, contact the Hon. Secretary, Head Office at the above address.
11. The last date for all nominations will be **June 30**, every year as a general practice. However, if there is any extension of this due date, it will be notified in advance.