

**NOMINATION FORM****“ICC – DEEPAK NITRITE” ACHARYA P. C. RAY AWARD  
FOR DEVELOPMENT OF INDIGENOUS TECHNOLOGY****Note:**

1. Nomination for this Award should be for considerable research and development work done during the previous 5 years and actual commercial production should have started in the year for which award is given (2024).
2. Any industrial unit in the chemical industry in India either in the public, private, or co-operative sector are eligible. The participation is open to all the industrial units irrespective of whether they are ICC Members or not.

Contents of the application should be as under:

**A. Corporate Profile:**

Please give data about the Company with specific reference to the following:

- I. Name and Status of Company viz. Private, Public Ltd., Joint Sector Company, Co-operative Sector etc.

Name: **Tata Chemicals Limited**

Registered Address: Bombay House, 24 Homi Mody Street Fort, Mumbai,

Maharashtra, 400001

Nature of Organization: **Public Limited Company**

- II. Year of Establishment. **1939**

- III. Capital & Financial Structure for the last 3 years.

a. *[Soft Copy of Profit & Loss Statement and Balance Sheet]*

- IV. Range of principal manufacturing activities/ engineering services.

V. Location, Number of Employees & Organisation Structure.

**B. Reasons for Nomination/Application for the Award:**

Please provide briefly (in about 3-page note) reasons for seeking this Award justifying and highlighting your specific contribution to the development of technology to merit this Award.

- ***Briefly describe process / product and highlight novelty / uniqueness emphasizing on cutting edge aspects of technology. Also highlight competitive advantages on quality, inherent safety, energy minimisation, waste (air, liquid and solid) reduction, effluent treatment and operating efficiencies vis-à-vis competing technologies worldwide.***

***Please provide all national and international patents***

Also please furnish additional data on the following:

- I. Whether Development was entirely in-house or otherwise acquired from outside Institutions and if acquired, state name of Institution collaborating, extent of its contribution and other relevant data.
- II. Whether there is any contribution from imported know-how foreign collaborators to the innovation and if so, please provide full details thereof.
- III. Details of your R&D organisation base, number of scientists & engineers involved, annual budgets of the division & types of R&D areas on which development is focused.
- IV. Was the design and engineering of the plant done by you in-house or by a contracting/consulting firm of engineers and if so, name of the service company and its contribution to the services.
- V. *Please attach proof of attaining all competitive advantages described in highlights given earlier.*

**C. Performance Status of Plant Using New Technology:**

Please furnish following specific information about the plant performance:

- I. For setting up a commercial plant did you go through Pilot Plant? If so, for how long? *Briefly describe problems faced during development/design/ scale up with solution thereof.*
- II. How long it took to build a commercial plant and approximate cost of the plants?
- III. Indicate when trial production started and how long it took to stabilise operations on commercial scale.

- IV. Furnish information on capacity of plant and capacity utilisation achieved. Also furnish actual production, in quantity and value, since start up and current rate of production.
- V. How has society been benefitted by this innovation? Or What is the impact on society / end user / customer of this innovation?