

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?