

## Dr. N. C. Jain Profile

85 years back on 4<sup>th</sup> July 1930, Dr N.C. Jain was born in a very small village situated in a deep forest area of Rajasthan with a population of only 200 residences. There were no basic educational facilities in his area and hence he completed his vernacular, High school and B.Sc Education in very tough circumstances at various distant centers.

In the year 1958, He joined Birla Science College now BIT, Pilani, Rajasthan, as an MSc Student and did his M.Sc. and Ph.D from Rajasthan University in the year 1963. His topic of research was “Synthesis of some new phthaleins and Rhodamine dyes”. He published 11 research papers in different Indian and foreign journals during his three year research tenure.

After Ph.D He joined Regional Institute of Technology, Jamshedpur (Bihar) and served there as lecturer in Chemistry for about 7 years.

He worked as “Post doctoral research fellow” for two years at Patna University, Bihar, on “Oxygen Heterocyclic and Generation of Benzyne”. He published three papers with Dr J. N. Chatterjee, Professor and Head of Chemistry from this work.

He voluntarily left his teaching job and started his own small scale Industry in the name of “Keshari-Orch-Chem” Industries at Kota, Rajasthan. The commercial activity was the recovery of ethylene glycol and titanium dioxide from a regular waste, from a J K Polyester Factory at Kota. Unfortunately his lucrative recovery unit was stopped after two years because of the close down of the J K Polyester unit.

After a short tissue culture training from Pune, Maharashtra, he promoted a tissue culture based agricultural production of Safed Musaly and Papaya plants for the farmers of about 20 villages in the surrounding of his native place in Rajasthan.

On getting an immigration opportunity to Canada Dr Jain joined the University of Quebec at Chicoutimi, Canada and did research work with Dr F. X. Garneau, Head of Chemistry Department on an Anti-Cancer Drug “**Taxol**” now very common in almost all Cancer Hospital of the World.

Later he got a chance to stay in USA at Detroit (Ford City) for two years. But the sad demise of his wife in a very good USA Hospital because of simple tiny bone fracture. diminished his attraction of western countries so much that he came back to serve his mother land.

Since then Dr. Jain’s research appetite is being fulfilled at Maharaja Ranjit Singh College of Professional Sciences Indore Posted as a Research Scientist. He has successfully handled a research project “Synthesis and Polymerisation of Phthalocyanine Macromolecules” funded by MPCST, Bhopal. During this three year tenure he has invented a Nemi’s Half Salt Method for preparation of Para substituted phthalocyanine derivatives. He is also regularly publishing series of editorial articles “Pilgrimage of phthalocyanine Macromolecules”, in which six Consecutive parts have appeared so far.

Presently, He is extending his “Nemi’s Half Salt method” for the preparation of circular phthalocyanine derivatives related to Solar Energy Absorption and as advanced donor molecules for the hetero-junction of the solar cells and solar panels. On his part he wants to serve the country by providing solutions for the fulfillment of the urgent solar energy requirement for the present and future generation.

Dr. N. C Jain is Fellow Founder of International Science Community Association. This award is named after him based on his zeal, dedication and sincere efforts toward upliftment of society through innovative research in science.