
Prof. JAI GOPAL SHARMA

Present Position: Professor
Ex-Head of Department
Department of Biotechnology
Delhi Technological University
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POST-DOCTORAL FELLOWSHIPS

1. Senior Research Associate, Council of Scientific & Industrial Research (CSIR), Govt. of India, June, 2003 - June, 2006.
2. Post-Doctoral Fellowship, Kyoto University, Japan, April 2001 - March 2003.

RESEARCH & TEACHING EXPERIENCE: 29 years

AREA OF INTEREST

Water Quality Management, Aquaculture, Fish Nutrition, Industrial and Environmental Biotechnology, Radiation Biology, Aquatic Ecology, Biosensor, Bioremediation, Bioenergy, Microbiology, Water Pollution, Nanobiotechnology, Gene Expression, Water Chemistry, Environmental Impact Assessment, Chromatography, Amino Acids, Fatty Acids, Bio fuel, Medicinal Chemistry of Plants and Yoga.

SUPERVISION OF RESEARCH STUDENTS

Post-Doc	: 03 Completed
Ph.D.	: 12 Completed, 8 Registered
M. Tech.	: 33 Completed, 7 Registered
B.Tech.	: 57 (awarded 47; ongoing 10)
M.Sc.	: 23 (awarded 12; ongoing 11)

RESEARCH PUBLICATIONS

i) Research Papers: Published/Accepted	:	137
ii) Books	:	02
iii) Book chapters	:	07

RESEARCH PROJECTS

- i) Completed Projects: **08**
- ii) Ongoing Projects: **02**

Department of Biotechnology (DBT): Evaluation of effect of macrophytes-based feed on the growth, gut physiology, expression of specific genes involved in the biosynthesis of DHA & EPA and production of quality freshwater fishes

Department of Science & Technology (DST): Integrated farming of *Lates calcarifer* and *Macrobrachium rosenbergii* in aquaponic system: a sustainable water utilization approach

SCIENTIFIC FOREIGN VISITS: Spain, Tanzania, Belgium, Malaysia, United Kingdom, South Korea, Sri Lanka, Australia, Nepal, Norway, Japan, Israel, China, USA, Denmark, Singapore & France.

NATIONAL & INTERNATIONAL AWARDS:

- Session's Best Presentation Award (Nutrition Session) in the International Conference on Fisheries and Aquaculture 2015, Colombo, Sri Lanka.
- Education Excellence Award 2021 by Dr. Swarn Chawla memorial foundation, Delhi during the World Environment Summit 2021 organized by Environment and Social Development Association (ESDA) Delhi.
- Commendable research excellence award 2021 by Delhi Technological University, Delhi for five research papers.
- Young Scientist Award, Asian Fisheries Society (2002).
- Young Scientist Award, U.P. Council of Science & Technology (2003-2004).
- Best Presentation Award (Nutrition Session) in the International Conference on Fisheries and Aquaculture, Colombo, Sri Lanka (2015).
- National Green Award by Environment and Social Development Association, India (2019).

INTERNATIONAL JURY MEMBER

1. Served as Jury member in the "World Aquaculture Jeju 2015" held at **Jeju, South Korea** for the best student's Presentation award.
2. Served as Jury member in the "World Aquaculture Adelaide 2014" held at **Adelaide, Australia** for the best student's Presentation award.

SERVICE TO THE SOCIETY: Participating as expert in the scientific discussion of National TV channels and Radio; Serving as Editorial board member of several International scientific journals.