

**Statement of research achievements, if any, on which any award has
already been received by the candidate**

International level

- Letter of Appreciation at the International level 2008 by the 15th Congress of the Federation of Asian Veterinary Association and OIE Symposium, Bangkok, Thailand for the presentation of a research paper at the International Conference
- Elsevier Reviewer Recognition ‘Certificate of Reviewing’ Award by the Editors of *Acta Biomaterialia*, Elsevier, Amsterdam, The Netherlands in recognition of a review made for the journal of *Acta Biomaterialia*
- Certificate of Recognition by ACS Publications by American Chemical Society

National level

- **Award of ICAR National Professor**, Indian Council of Agricultural Research, Government of India, New Delhi
- **Rafi Ahmed Kidwai Award for Outstanding Research in Agricultural Sciences, 2021** Indian Council of Agricultural Research, Government of India, New Delhi
- **Tata Innovation Fellowship 2018-19**, BRITE Awards, Department of Biotechnology, Ministry of Science & Technology, Government of India, New Delhi
- **Biotech Product and Process Development and Commercialization Award 2013** by Department of Biotechnology, Government of India.
- **Jawaharlal Nehru Award**: National Award 2007 for contribution to Agricultural Science by Indian Council of Agricultural Research, Government of India, New Delhi
- **National Bioscience Award for Career Development**, 2008 by Department of Biotechnology, Government of India, New Delhi.
- **CSIR Technology Award-2010** by Council of Scientific and Industrial Research, Government of India, New Delhi *as a part of an award-winning team*
- **IUSSTF Travel Support Award 2011** by INDO-US SCIENCE & TECHNOLOGY FORUM, New Delhi for Visiting Scientist/Scholar in the USA
- **National Teaching Excellence Award 2016** by International Benevolent Research Foundation in recognition of teaching excellence
- **Scientific Session Award** by TePP Outreach cum Cluster Innovation Centre (TOCIC), DSIR, Government of India
- Semi-Finals of SKOCH Award 2021 by the **SKOCH Group**
- **Fellowship** of Royal Society of Chemistry, UK, 2021, National Academy of Agricultural Sciences, New Delhi, 2018, National Academy of Veterinary Sciences 2021, Indian Society for Advancement of Veterinary Research, 2019, Indian Society for Veterinary Surgery, 2017 and Society of Applied Biotechnology, India, 2012
- **Travel Grant award** by Indian National Science Academy, Indian Council of Medical Research, Department of Science and Technology and Council of Scientific and Industrial Research, New Delhi for attending conferences abroad

Society level

- SAB Award for “**Excellence in Animal Biotechnology, 2012**” by the Society of Applied Biotechnology, India for innovative research at the frontiers of Biotechnology.
- **Science Excellence Award 2015** by Foundation for Science and Environment, Kolkata, West Bengal in recognition of contribution to Science research and teaching.
- **Appreciation Award** in Orthopaedic Surgery Session for paper presentation 2013 at XXXV Annual Congress of Indian Society for Veterinary Surgery
- Best Oral Paper 2010 award in National Conference on Ceramics in Biomedical Applications (CBMA-2010) at NIT, Rourkela

- Oral presentation Award 2014 at 2nd Pharma Tech IAPST International Conference organized by Department of Pharmaceutical Technology, Jadavpur University, IAPST and NSHM knowledge campus.

University/Institute level

- **Late Dr. P. S. Khankhoje Gold Medal** by Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola for outstanding research work in the disciplines of Agriculture including Animal Sciences, Fisheries and Agricultural Engineering during the year 2015-16.
- **Best Teacher Award 2016** (Above 45 years Category) at Faculty of Veterinary & Animal Sciences by West Bengal University of Animal and Fishery Sciences
- **Best Teacher Award 2017** at the university level by West Bengal University of Animal and Fishery Sciences
- **CSIR-CGCRI Diamond Jubilee Award** for Best Paper **during April 2010-2011** by Central Glass and Ceramic Research Institute, Kolkata (An Institute under CSIR)

Brief citations on the research work for which the applicant has already received the awards

Professor Samit Kumar Nandi has made a notable contribution to orthopaedic biomaterials using calcium phosphate scaffolds and cement including doped, marine-based materials, magnesium phosphate and silicate materials, ceramic-glass coating on metallic implants for fracture fixation, dental implants and bone marrow grafting for enhancing wound healing, isolation of marine mollusc biomolecules as an osteogenic inhibitor and novel immunomodulator and local antibiotic delivery systems in treating osteomyelitis in an animal model which has an immense impact in complicated animal and human orthopaedic patients. Besides, his research findings for reducing bovine lameness have opened a new horizon for obtaining optimum productivity for rural dairy farmers. Further, the application-oriented work on Xeno animal cartilage for use of human plastic and reconstructive surgery patients, biodegradable magnesium alloy bone plate, silk-based biomaterial for diabetic wound healing, cartilage tissue engineering, bone repair, artificial vascular graft have shown a new insight into biomedical research vis-à-vis national healthcare program.