



FACULTY PROFILE



NAME : Prof. Shubhada Nayak – Principal
QUALIFICATION : M.Sc. PhD MICROBIOLOGY
Email ID : shubhadanayak@kbpcollegevashi.edu.in
DEPARTMENT : MICROBIOLOGY
DESIGNATION : Professor
EXPERIENCE (Yrs.) : [UG] -34 years [PG] - 17 years
SPECIALIZATION: Microbial genetics, Virology, Molecular Biology, Bioinformatics, Biotechnology, Biochemical Engineering and Food Biotechnology

PUBLICATIONS:

Research Papers presented in international conferences-

- India International Science Festival organized by Ministry of Science and Technology and Ministry of Earth Sciences [Government of India] during



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October 5-8, 2018.

- Presented a paper at “Third International Conference on Environmental Science and Technology” held at Houston, USA during August 6-9, 2007. The conference was organized by the American Academy of Sciences.
- Title of the paper: “*Nisargruna*: A Novel Method for Degradation of Organic Waste”.
- Attended TWOWS Fourth General Assembly and International Conference: Women Scientists in a Changing World held at Beijing, China, during 27-30 June 2010.

Research Papers presented in national conferences-

- Publications: 29 in UGC CARE listed journals [15 in CARE list II]. Citation 203, h-index-

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED AS Resource Person:

- Invited by Govindram Seksaria Science Degree College, Belgaum, Karnataka, as a resource person for the National Seminar on “Waste Management and Sustainable Development” Date: January 21-22, 2018.

Topic: “Solid Waste Management: Options and Opportunities in India”.

- Invited by Indian Women Scientist Association as a lead speaker on “Microbial Biodiversity of Biogas Plant” for a conference on Sustainable Global Pressures: Women in Science and Engineering [SGPW 2010] Biodiversity Conservation In India: Status and Approaches, to be held during January, 8-10, 2010 at Kolhapur Maharashtra.
- Invited as an expert in Solid Waste Management in a seminar “Problems of waste management in Chembur and other central suburbs” organized by Stree Mukti Sanghatana, on 31st January 2009. Topic: “Handling Biodegradable Waste: The Nature Friendly Option”
- Invited by Govindram Seksaria Science Degree College, Belgaum, Karnataka, as a resource person for the UGC sponsored National Seminar on “Management of Utilization and Disposal of Urban Solid Waste” Date: August 8th, 2009.



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Topic: "Projects on Urban Waste Disposal and Management".

- Invited as a resource person for the Teacher's Orientation Training Programme on Environment conducted by Education Department through Sarva Shiksha Abhiyan on 29th January 2009.

Topic: "Current scenario of Solid Waste Management in India"

- Invited speaker at a seminar "Shaping of Navi Mumbai: Its Physical Environment & Social Issues" organized by Tata Institute of Social Science & Indian Women Scientists Association, India on 10th October 2008.

ACTIVITIES ORGANIZED:

FDP/TRAINING COURSES COMPLETED:

RESEARCH PROJECTS:

MEMBERSHIPS/AFFILIATIONS:

- Working as a member of Board of Studies in the subject of Microbiology in K.J.Somaiya College of Science and Commerce, Mumbai.
- Attended 2nd Task Force Meeting under STAR COLLEGE SCHEME of Department of Biotechnology [Government of India] organized by Gargi College, University of Delhi on May 9, 2018.
- Worked as a Joint secretary of Indian Women Scientists Association, India and help organizing various activities like courses in Ethics in Scientific Research, Science Colloquia for college students, creating environment consciousness in society, and science popularization programs for school children etc.
- Life Member of Organization for Women in Science for the Developing World. [OWDSW]. OWDSW is an autonomous international organization, based in Trieste, Italy, that promotes scientific excellence for sustainable development.
- Worked as an expert on solid waste management for the interschool program "Clean and Green Cities: Students initiative in Environment monitoring" This program is financially supported by Sir Ratan Tata Trust and organized by Indian Women Scientists Association. Inter school science projects.



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AWARDS AND ACHIEVEMENTS:

- “Dakshina Fellowship” by Shivaji University Kolhapur [1986]
- “Teacher Fellowship” by University Grants Commission for doing Ph.D. [2005]

ANY OTHER DETAILS: Contribution to the Institute:

- A+ Grade with CGPA 3.53
- DBT STAR STAUS
- DST FIST GRANT
- RUSA grant under component 8 Rs. 5 Cr.
- FDA Certification to Center for Research Consultancy and Technical Services
- Rayat Centenary Innovation Incubation Foundation [Incubation Center] registered as incorporation under Section 8 of Company Act.
- More than 40 active MoUs with reputed organizations/ incorporations for research, consultancy, placement and academics.
- Research promotion: In last two years college has produced 108 research publications in CARE LIST JOURNALS [including Elsevier and Springer] and 31 patents published.