



MANAV RACHNA UNIVERSITY, FARIDABAD

Sector 43, Aravalli Hills, Manav Rachna Campus Rd, Faridabad, Haryana 121004

Dr. Sangita Banga

Designation: Professor

Qualifications: B.Sc (H) Chem, M.Sc. (IITR)-M.Techin Polymer Science & Technology (IIT D), PhD (Biodiesel Purification) MRIIRS

Email: deanacademics@mru.edu.in

Experience: 22 Years

[Google Scholar Profile:](#)

<https://scholar.google.com/citations?user=Lw5jQKIAAAAJ&hl=en>



Research Interest: Green Chemistry, Biofuels production from various edible, non-edible oils, algae and its purification technology using organic adsorbents, Nano particles and natural adsorbents, Polymer Synthesis for various applications

+ Journal Publication Details:

Sangita Banga, Dr. Pradeep Varshney, Naveen Kumar "Purification of Jatropha curcas Based Biodiesel by Dry Washing, Using Banana Peel and Mushroom Powder as Natural Adsorbents" Biofuels by Taylor & Francis, Vol. 6, Nos. 5-6, pp. 261-267.

Sangita Banga, Dr. Pradeep Varshney, Naveen Kumar "Optimization of Parameters for Purification of Jatropha curcas Based Biodiesel using Organic Adsorbents" International Journal of Renewable energy & research, Vol 4, issue 3, 2014 p. 598-603.

Sangita Banga, Dr. Pradeep Varshney, "Effect of Impurities on the Performance of biodiesel. A Review" Journal of Scientific & industrial Research, Vol 69, August 2010p. 575-579

Dr. Meenakshi Khurana, Sangita Banga and Sanjana Malhotra, "Management of Technical Education" Journal of Management Insight, Vol. III, No.1; June 2007 p. 1-5.

C M Bhatia, Sangita Banga, Meenakshi Khurana, Sanjana Malhotra, Bhawna Juneja, Hanu Bhardwaj and Meena Kapahi, "Stand-Alone SCADA based Renewable Energy Power Station Suitable for Rural Application", IETE Technical Review 23(5) September-October 2006 p. 321-327.

+ Book/Chapter Publications:

"Engineering Chemistry" First Edition, December 2008. Published by Manav Rachna Publishing House Pvt. Ltd., New Delhi.

Book Chapter on "Organic Waste for Biofuel Production: Energy Conversion Pathways & Applications", published in Biofuels Production-Sustainability and Advances in Microbial Bioresources, pp 267-286

+ Administrative Responsibilities:

Dean Academics of the University from 16-10-2018 to Till date

Assigned with the additional Responsibility of CoE & Dean Faculty of Engineering

Worked as **Dean Students Welfare, Manav Rachna University from March 2015 to October 2018**

Worked as **Dean Students of Manav Rachna College of Engineering** from 2013 to March 2015 and

Organized the second Convocation of MRCE in April, 2014

Coordinated the NBA Visit for Mechanical Department, from the preparation of SSR to the final Visit of NBA expert to Campus

Headed the Department of Mechanical Engineering from 2011 to 2013

+ Professional Affiliation:

Member of ISTE

+ Expert Talk Delivered

Delivered Lecture on NAAC Accreditation Process during STC on Accreditation for Quality Assurance (NBA and NAAC Guidelines) held from November 2-6, 2020, organized by NITTTR Chandigarh.

Delivered a Lecture on "Biodiesel Production & Purification" during the AICTE sponsored Faculty development program on "Solar Radiations; Green Options for energy" organized at MRU from 11th May to 23rd May 2015

Delivered a lecture on Team Building during Entrepreneurship Development Program for under graduates sponsored by Min. of Small Scale Industries and Min. of Food Processing Industries in April 2007.

Delivered a Lecture on "Renewable Energy Scenario" during the AICTE sponsored staff development program organized at MRCE from July 9, 2007 to July 21, 2007