



Sinhgad Technical Education Society's

Sinhgad College of Engineering
Vadgaon (Budruk) Off. Sinhgad Road, S.No. 44/1,



Dr. Kalpana Shrikant Joshi

BE BIOTECH

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Significant Achievement

- Chairman, BOS Biotech Engineering SPPU, 2016-2018
- Member, GMO Panel Food Safety Authority of India, 2014-16

Academic Qualification

Degree	Institute Name	University Name	Year of Passing	Percentage	Grade	Qualification Status
Phd	NATIONAL CHEMICAL LABORATORY	University of puna	1993	-	-	Completed
M.Sc.	DEPT. OF MICROBIOLOGY	M. s. university of baroda	1985	62.0%	I	Completed

Training Details

Training Title	Arrange By	Venue	Date	Level	Category	Type
Microarray technique	Centrum für Angewandte Genesensorik, UFT, Bremen	GERMANY	10 Jun 2008 to 30 Jun 2010	International	Research	External

Conference Details

Name	Venue	Date	Level	Category	Type	Sponsored By
Symposia speaker at 9th IPMB congress	St Louis, USA	26 Oct 2009 to 29 Oct 2009	International	Research		IPMB, DST
Visited South African Universities and gave talks under Indo-SA bilateral cooperation in Science and Technology through DST	SOUTH AFRICA	09 Aug 2010 to 20 Aug 2010	International	Research		DST
Drug Discovery India 2013	Bangalore	27 Sep 2013 to 28 Sep 2013	National	Industry Interaction		Select Bio
Integrating Basic and Translational Research in Modern Biology	M.S.U, Baroda	27 Dec 2013 to 29 Dec 2013	International	Alumni Intraction		MSU
Overcoming Bottlenecks in Drug Discovery and Development	Ranbaxi-Daiichi Sankyo, New Delhi	20 Mar 2014 to 21 Mar 2014	International	Research		Royal Society of Chemistry (RSC), Daiichi Sankyo India Pharma Private Limited (DSIN) and Ranbaxy Laboratories Limited
International Conference of Biotechnology and Bioengineering	DUBAI	25 Oct 2014 to 27 Oct 2014	International	Research		AMI
Eu Ayurveda Congress	Holland	10 Apr 2015 to 14 Apr 2015	International	Research		IAVC
Cytokine Changes in Patients of Asthma Undergoing Ayurvedic Intervention, 6-10 June 2015, Barcelona, SPAIN	BARCELONA, SPAIN	06 Jun 2015 to 10 Jun 2015	International	Research		EAACI
Refresher course in Biology for teachers	Aurangabad	08 Dec 2015 to 10 Dec 2015	Quality Improvement Program	Quality Improvement Programs		Dr. BAMU, Aurangabad
at 3rd International Conference on Herbal and Synthetic drug studies.	PUNE	07 Jan 2016 to 09 Jan 2016	International	Research		ZVM
International Conference on Nutrigenomics and Nutrigenetics India.	Nasik	29 Jan 2016 to 30 Jan 2016	International	Industry Interaction		BCUD, SPPU, Gene Support
2016 BIENNIAL CONGRESS OF THE INTERNATIONAL SOCIETY FOR THE STUDY OF FATTY ACIDS AND LIPIDS.	Stellenbosch, South Africa	05 Sep 2016 to 09 Sep 2016	International	Research		ISSFAL

Seminars Attended

Seminar Topic	Conducted	Venue	Date	Level	Category	Type
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Modern Techniques in Microbiology	Fergusson College	FC	17 Jan 2014 to 18 Jan 2014		Co-Curricular Activities	External
Pharmacogenetics	Dept. of Genetics & Biotechnology, Bhavanâ??s Vivekananda College	Bhavanâ??s Vivekananda College, Sainikpuri, Secunderabad, Telangana	12 Feb 2016 to 12 Feb 2016		Research	External
Omega-3 symposium	BASF	Mumbai	19 Mar 2015 to 19 Mar 2015		Industry Interaction	External

Workshop Attended

Workshop Topic	Conducted By	Date	Level	Category	Type
Basic Techniques for Studying Epigenetic Inheritance (ADNAT)	CCMB (CSIR), HYDERABAD	25 Feb 2009 to 10 Mar 2009	Research	Research	External

Research Projects

Project name	Description	Status	Budget	Project type
Functional genomics for understanding holistic principles of Ayurveda therapeutics with Asthma as a model.	Office of PSA through DST	100	4700000	Sponsored Projects
SNPs and Gene expression of FADS in pregnant women and neonate characteristics.	ICMR ADHOC Project	100	1000000	Sponsored Projects
LCPUFA status and birth outcome	: Indo-US grant from NIH, USA through ICMR for research in collaboration with KEM Hospital, Pune and Cornell University: 2007-2010	100	3500000	Sponsored Projects
Genome variation analysis with special reference to Prakriti concept of Ayurveda	Office of Principal Scientific Advisors through DST	100	7990000	Sponsored Projects

Research Papers and Journals

ISSN/ISBN No	Paper Title	Publish Date	Journal/Conference Name	Level	Paper Status	Authors
ISSN 0975-9476	Linking Ayurveda and Western medicine by integrative analysis.	2013	Journal of Ayurveda and integrative medicine	Refereed and Indexed Journal	Accepted and Published	Kalpana Joshi
Online ISSN 1462-0332 - Print ISSN 1462-0324	Ayurvedic Medicine Offers Good Alternative to Glucosamine and Celecoxib in the Treatment of Symptomatic Knee Osteoarthritis: A Randomized Double Blind	2013	British Journal of Rheumatology	Refereed and Indexed Journal	Accepted and Published	Kalpana Joshi

1440-1746	Association Of NAT2 And CYP2E1 Gene Polymorphisms With Antituberculosis Drug Induced Toxicity in Western India. 01/2013 28:1368–1374	2013	of Gastroenterology and Hepatology	Refereed and Indexed Journal	Accepted and Published	Kalpana Joshi
ISSN: 1549-9596	Chemogenomics Approaches to Rationalizing the Mode-of-Action of Traditional Chinese and Ayurvedic Medicines	2013	of Chemical Information and Modeling Just Accepted Manuscript.	Refereed and Indexed Journal	Accepted and Published	Kalpana Joshi
ISSN 1665-2681	Association Of GST Null Genotypes With Antituberculosis Drug Induced Hepatotoxicity In Western Indian Population	2013	Annals of Hepatology	Refereed and Indexed Journal	Accepted and Published	Kalpana Joshi
2169-303X	Ultrastructure of the pollen grains in the family Bignoniaceae Juss. in Nigeria	2013	Nigeria International Journal of Medicinal Plants Research	Refereed and Indexed Journal	Accepted and Published	Kalpana Joshi
2319 - 2801	Molecular phylogeny of Nigerian Bignoniaceae juss. based on the chloroplast DNA sequences of rbcL and ndhF genes	2014	Asian Academic Research Journal Of Multidisciplinary	Refereed and Indexed Journal	Accepted and Published	Kalpana Joshi
[ISSN 0975-9476]	Docosahexanoic acid (DHA) content is significantly higher in ghritha prepared by traditional method	2014	Journal of Ayurveda and Integrative Medicine	Refereed and Indexed Journal	Accepted	Kalpana Joshi
ISSN: 0954-3007	Imbalance of folic acid and vitamin B12 is associated with birth outcome: An Indian pregnant women study a	2014	European Journal of Clinical Nutrition (Nature Publication)	Refereed and Indexed Journal	Accepted and Published	Kalpana Joshi
ISSN: 1476-7058 (print), 1476-4954 (electronic)	Association of homocysteine with global DNA methylation in vegetarian Indian pregnant women and neonatal birth anthropometrics	2014	The Journal of Maternal-Fetal & Neonatal Medicine.	Refereed and Indexed Journal	Accepted and Published	Kalpana Joshi

0975-9476	Determinants of Prakriti, the Human Constitution Types of Indian Traditional Medicine and its Correlation with Contemporary Science.	2014	JAIM, 2014; 5 (3); 167-175. DOI:10.4103/0975-9476.140478	Refereed and Indexed Journal	Accepted and Published	Kalpana Joshi
2250-2491	Studies on Fragrance Delivery from Halloysite Nanocontainers: Encapsulation, Release and Modeling Studies	2015	2491J. Inst. Eng. India Ser. E DOI 10.1007/s40034-015-0059-z	Refereed and Indexed Journal	Accepted and Published	Kalpana Joshi
2210-8033	Lansea coromandelica attenuates glucagon and oxyntomodulin mediated cAMP formation in HEK cells stably-expressing human glucagon receptor	2015	DOI information: 10.1016/j.herm.2015.06.005	Refereed and Indexed Journal	Accepted and Published	Kalpana Joshi
1479-5876	DNA Methylation Analysis of Phenotype Specific Stratified Indian Population	2015	Journal of Translational Medicine (2015) 13:151 DOI 10.1186/s12967-015-0506-0	Refereed and Indexed Journal	Accepted and Published	Kalpana Joshi
0307-0565	A novel gene THSD7A is associated with obesity.	2015	Int J Obes (Lond); 39(11): 1662-5. doi: 10.1038/ijo.2015.144.	Journal - International level	Accepted and Published	Kalpana Joshi
1462-2416	Folate metabolic pathway single nucleotide polymorphisms : a predictive pharmacogenetic marker of methotrexate response in Indian (Asian) patients with rheumatoid arthritis.	2015	16(18); 2019-2024, DOI:10.2217/pgs.15.145	Journal - International level	Accepted and Published	Kalpana Joshi
2090-2190	FOXO3a Gene Polymorphism Associated with Asthma in Indian Population	2015	Molecular Biology International, Volume 2015, Article ID 638515, 6 pages, http://dx.doi.org/10.1155/2015/638515	Refereed and Indexed Journal	Accepted and Published	Kalpana Joshi

1537-1719	Positive selection on a regulatory insertion-deletion polymorphism in FADS2 influences apparent endogenous synthesis of arachidonic acid.	2016	Mol Biol Evol. doi:10.1093/molbev/msw049	Refereed and Indexed Journal	Accepted and Published	Kalpana Joshi
2214-5400	Gene polymorphisms of desaturase enzymes of polyunsaturated fatty acid metabolism and adiponutrin and the increased risk of nonalcoholic fatty liver disease	2016	Metagene (Aug 2016)	Journal - International level	Accepted and Published	Kalpana Joshi

Membership Details

Membership Body	Details	Duration	Level
BRSI	Life Member	01 Oct 2010 to	National

Students Registered for Ph.D

Student Name	Topic
Mr. Rajesh Gupta	Scientist

Declaration

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Dr. Kalpana Joshi