



## DEPARTMENT OF BIOTECHNOLOGY

### DAYANANDA SAGAR COLLEGE OF ENGINEERING

One of the main objectives and best practices of our department is to foster faculty members, research scholars and students to publish their research findings in reputed national and international journals with high citation index and impact factors such as Elsevier, Springer, Wiley-Blackwell, Taylor & Francis, Oxford Journals, Bentham Sciences etc. They are also encouraged to submit the abstracts and present their research works to various national and international conferences and symposiums organized by premier institutions and scientific/professional organizations. The department also encourages the faculty members to contribute textbooks and book chapters related to diverse fields of biotechnology. Few of our faculty members serve as the editorial board members and reviewers for some of the reputed international journals

#### LIST OF PUBLICATIONS BY FACULTY MEMBERS

##### National & International Journals

##### List of Publication 2017

S.No	Faculty name / Authors name	Title of the paper	Journal Name/ Year, Volume, Issue & Page number (IEEE Format)
1.	<b>S. Skariyachan, S. Garka, S. Puttaswamy, S. Shanbhogue, R. Devaraju, R. Narayanappa</b>	Environmental monitoring and assessment of antibacterial metabolite producing actinobacteria screened from marine sediments in south coastal regions of Karnataka, India	Environ Monit Assess. 2017, 189, 283. doi: 10.1007/s10661-017-5999-y.
2.	<b>S. A. Tidke, D. Ramakrishna, S. Kiran, G. Kosturkova, G.A. Ravishankar.</b>	Analysis of Genetic Diversity of 12 Genotypes of <i>Glycine max</i> by Using RAPD Marker	Int J. Curr. Microbiol. App. 2017. Sci, 6. 656-663.

3.	<b>S. Skariyachan</b> , A. S. Setlur, S.Y. Naik, A. A. Naik, M. Usharani, <b>K. S.Vasist</b>	Enhanced biodegradation of low and high density polyethylene by novel bacterial consortia formulated from plastic contaminated cow dung under thermophilic conditions	Environ Sci Pollut Res Int. 2017, 24, 8443–8457.
4.	S. A. Tidke, Rakeshkumar KL, D. Ramakrishna, <b>S. Kiran</b> , G. Kosturkova, <b>G.A. Ravishankar</b> .	Current Understanding of Endophytes: Their Relevance, Importance, and Industrial Potentials	Journal of Biotechnology and Biochemistry, 2017, 3, 43-59.
5.	S. Kamath, <b>S. Skariyachan</b> .	Novel insight from computational virtual screening depicts the binding potential of selected phytotherapeutics against probable drug targets of <i>Clostridium difficile</i>	Interdiscip Sci. 2017, doi:10.1007/s12539-017-0215-x,
6.	Madhu H N, <b>Manasa V Anand</b> , Gautham Subramaniam, Pradeep R Jain	Saccharification of Lignocellulosic biomass from <i>Phoma exigua</i> and ethanol production from <i>Saccharomyces cerevisiae</i> using cost effective fabricated lab scale fermenter.	International Journal of Pharma and Biosciences, 2017 8(1):484-493.
7.	S. Banerjee, S. Pandey, P. Muherjee, A.Sayeed, A.V. Pandurangi, <b>G. K. Shinomol</b> , S.M. Sahabudeen,	Investigation of cytotoxicity induced by <i>Nigella sativa</i> and <i>Azadirachta indica</i> using MDA-MB-231, HCT 116 and SHSY5Y cell lines	Pharmacognosy Journal, 2017 9 (2): 192-195.
8.	<b>G.K. Shinomol</b> A.K. Joshi S. Ranganayaki N. Gayathri , H. Gowda, Muralidhara and M.M. Srinivas Bharath	Characterization of age-dependent changes in the striatum: Response to the mitochondrial toxin 3-nitropropionic acid	Mechanism of Ageing and Development, 2017 161: 66–82.

## List of Publication 2016

S.No	Faculty name / Authors name	Title of the paper	Journal Name/ Year, Volume, Issue & Page number (IEEE Format)
1	<b>N. Rajeswari</b> , R. Priti, A. Madhuri, and A.K. Chand	Aberrant expression of Notch1, HES1, and DTX1 genes in glioblastoma formalin-fixed paraffin-embedded	Tumor Biology, 2016, 37(5): 6935-6942
2	<b>Sinosh Skariyachan</b> , Asma Parveen, Shruthi Garka.	Nanoparticle Fullerene (C60) demonstrated stable binding with antibacterial potential towards probable targets	J Biomol Struct Dyn, 2016; 23,1-20.
3	<b>Shinomol GK</b> , K. Bhanu Revathi, N. Deepa , S.C.Pooja, T.S. Ashwini , and S. Das Potential of	“A Study on the Moringa Leaf and Bark Extract in Bioremediation of Heavy Metals from Water Collected from Various Lakes in Bangalore	Procedia Environmental Sciences, 2016. 35, 869-880
4	<b>Sinosh Skariyachan</b> , Vishal Manjunatha, Subiya Sultana, Chandana Jois, Vidya Bhai and <b>Kiran Vasist</b>	Novel bacterial consortia isolated from.....low density polyethylene	Environmental Science and Pollution Research Doi10.1007/s11356-016-7000-y
5	<b>Shinomol GK</b> ,S Ranganayaki, Apurva K Joshi,AGayathri, Harsha Gowda, Muralidhara, MM Srinivas Bharath	Characterization of age-dependent changes in striatum:.....3-nitropropionic acid	Mechanisms of Ageing and Development, 2016 <a href="http://dx.doi.org/10.1016/j.mad.2016.04.008">http://dx.doi.org/10.1016/j.mad.2016.04.008</a>
6	R. Yashas & <b>B.M. Arpitha</b>	An Introduction to phylum Tardigrada – Review	International Journal of Latest Technology in Engineering, Management & Applied Science, 2016; 5, 48-52.
7	<b>Sinosh Skariyachan</b>	Assessment of antibiotic resistance patterns..... drug targets of MDR pathogens by computational virtual screening	International Journal of Infectious Diseases 45 (S1): 116.
8	<b>Sinosh skariyachan</b> , Apoorva Prasanna, Sirisha P. Manjunath, Soujanya Karanth et al.	Exploring the medical potential of the.....against multidrug resistant bacterial pathogens	International Journal of Medicinal mushrooms; 2016; 18 (3): 245-252

9	Anagha S Setlur, Sujay Y Naik, <b>Sinosh Skariyachan</b>	Herbal lead as ideal bioactive compounds..... . A computational drug discovery perspective	Interdiscip Sci Comput Life Sci, 2016, doi:10.1007/s12539-016-0149-8
10	<b>Sinosh skariyachan</b> , Apoorva prasanna, Sirisha P. Manjunath, Soujanya S Karanth et al,	Environmental assessment ..... Textile industries in Karnataka , India	Environ Monit Asses, 2016,188:1-8
11	Priyanka Patil, Naveen Kumar N, <b>Shinomol George K.</b>	User Interface for Metagenomics Data Analysis	International Journal of Recent Trends in Engineering and Research. 2016 2 (4):264-267.
	Ramakrishna D, Shashank T, <b>Shinomol George K, Kiran S, Ravishankar GA</b> .2016	<i>Salacia sps.</i> : A Source of Herbal Drug for Several Human Diseases and Disorders.	International Journal of Current Pharmaceutical Review and Research; 7(3); 129-140.
12	J. Preetham, <b>S. Kiran, S, R. Sharath, P.S. Sujan Ganapathy, S.S. Murthy</b>	<i>Bridelia scandens</i> : Review on traditional uses and pharmacological aspects	International Journal of Research in Engineering and Technology, 2016; 5, 27-30.

### List of Publication 2015

S.No	Faculty name / Authors name	Title of the paper	Journal name / conference name / Year & PP
1	<b>Madhu HN</b> , Pushkar Ramesh, <b>Manasha V anand</b> , Surabhi sathyanarayana, Nitya Sarjapuram, Apekha Chandrashekar, Gautham subramaniam	The potential of hydrolytic..... fruit juice clarification	International Journal of Pharmacognosy and Phytochemical Research, 2015, 7(4):750-757
2	<b>Sinosh skariyachan</b> , Archana B acharay, Saumya subramaniam, Sumangala babu, Sruthi kulkarni & <b>Rajeswari Narayanappa</b>	Secondary metabolites ..... an <i>invitro</i> and <i>insilico</i> investigation	Journal of Biomolecular Structure and Dynamics, 2015, 18,1-19 doi:10.1080/07391102.2015.1094412
3	Varsha Sathyanarayan, Disha Mohan, <b>Sinosh Skariyachan , Rajeswari Narayanappa</b>	Computational virtual screening..... MCF-7 cell lines	International Journal of Applied Sciences and Engineering, 2015, 1:65-71
4	<b>Sinosh skariyachan , Arpitha Badrinath Mahajanakatti</b> , Nisha Jayaprakash Grandhi, Akshatha prasanna, Ballari sen, narasimha sharama, Kiran S vasist, <b>Rajeswari Narayanappa</b> ,	Environmental monitoring ..... Water source in Karnataka india	Environ Monit Assess, 2015, 187(5):279. doi: 10.1007/s10661-015-4488-4

5	<b>Sinosh skariyachan</b> , M Megha, Meghna niranjan Kini, Kamath Manali Mukund, Alya Rizvi, <b>Kiran S vasist</b>	Selection and screening ..... Rural areas of Bangalore India	Environ Monit Assess, 2015, 187(1), 4174.
6	Madhuri G.S aithal, <b>Rajeswari Narayanappa</b>	Validation of housekeeping genes..... Real time polymerase chain reaction	Brian Tumor Res Treat, 2015, 3(1):24-29.
7	Sangeetha R, Diea YKT, Chaitra C, Malvi PG and <b>Shinomol GK</b>	The Amazing Bamboo..... potential	Indian Journal of Nutrition, 2015, 2:75-79
8	Priya Patil, <b>Sinosh kariyachan</b> , Eshita Mutt, Swati Kaushik	Computational analysis..... probable lead molecules	Intediscip Sci Comput Life Sci, 2015, doi; 10.1007/s12539-015-0282-9
9	Shashank A Tidke, D. Ramakrishna, <b>S.Kiran</b> , G.Kosturkova and <b>G.A Ravishankar</b>	Nutraceutical potential of soybean: review	Asian Journal Clinical Nutrition, 2015, doi:10.3923/ajcn.2015
10	<b>Arpitha BM</b>	Risk assessment of ..... human cell lines	International Journal Of Science And Research, 2015, 4, pp1288
11	D. Ramakrishna, Shashank A Tidke, <b>Shinomol George, Kiran.S, Ravishankar GA,</b>	Salacia sps-..... A detailed treatise	International Journal of Pharmacognosy And Phytochemical Research, 2015, 7:374-382
12	<b>Sinosh skariyachan</b> , anitha pachyappan, Jeenu joy, Rupam Bhaduri, Imlimaong Aier, Kiran S. Vasist	Investigating ..... invitro assays	Journal of Biomolecular Structure and Dynamics, 2015, doi:10.1080/07391102.2015.10004110.
13	<b>Shinomol Gk</b> and Muralidhara	Bacopa monnieri..... <i>invivo</i> evidences	Neuroscience and Biomedical Engineering, 2015, 3:102-115
14	<b>Rajeshwari Narayanappa</b> , Pritilata rout, madhuri G.S Aithal, Ashis Kumar chand	Aberrant expression..... paraffin embedded tissues	Tumor Boil,2015.doi:10.1007/s13277-015-4592-7
15	Madhuri G.S Aithal, <b>Rajeshwari Narayanappa</b>	Notch signaling in cancer	Journal of Genetics, 2015, Doi: 10.1002/9780470015902.a0024868
16	<b>Shinomol George K, Bhanu Revathi K</b> , Deepa N, Pooja Sheregar C, Ashwini T.S, Suchandrima das	A study on the potential..... various lakes in Bangalore	Resource Efficient Waste Mangment: proceedings of 5 <sup>th</sup> Icon SWM2015, PP1103-1113

## List of Publication 2014

Sl. No.	Faculty name / Authors name	Title of the paper	Journal name / conference name / Year & PP
1	Shashank Ashokrao Tidke, <b>S. Kiran</b> and Sanjay Ningappa Harke	Analysis of genetic diversity in 20 cotton Germplasm lines using random amplified polymorphic DNA marker	Asian Journal of Plant Sciences, 2014, 13(4-8): 184-189
2	Showmy K.S, <b>Sinosh Skariyachan</b> and Yusuf A	Comparative modeling of pathogenesis related 4B protein (Q6T5J8) of <i>Oryza sativa</i> subsp. <i>indica</i> with the tree dimensional structure of BARLEY1BW3	International Journal of Plant, Animal and Environmental Sciences, 2014, 4(4), pp-41
3	<b>Sinosh Skariyachan</b> ; Naik Sowmyalaxmi Narayan, Tejaswini S Aggimath, Sushmitha Nagaraj, Monika S Reddy and <b>Rajeswari Narayanappa</b>	Molecular modeling on Streptolysin-O of Multidrug resistant <i>Streptococcus pyogenes</i> and computer aided screening and <i>invitro</i> assay for novel herbal inhibitors	Current Computer Aided Drug Designing, 2014, 10,
4	<b>Arpitha Badarinath mahajankatti</b> , Geetha Murthy, Narashimha Sharma, <b>Sinosh Skariyachan</b>	Exploring inhibitory potential of curcumin against various cancer targets by <i>insilico</i> virtual screening	Interdiscip Sci Comput Life Science, 2014, 6:13-24
5	Ranga Rao Ambati, Siw Moi Phang, Sarada Ravi and <b>Ravishankar Gokare Aswathanayana</b>	Astaxanthin: sources, Extraction, stability, Biological activities and its commercial applications – A review	Marine drugs, 2014, 12,128-152.
6	Shashank Ashokrao Tidke, <b>S. Kiran</b> , Sanjay Ningappa Harke, <b>Ravishankar Gokare Aswathanayana</b>	Analysis of genetic diversity..... Polymorphic DNA marker	Asian Journal of Plant Sciences, 2014, 13,184-189
7	Preetham J, Sharath R, Prasanna Kp, Sujan ganapathy and <b>Kiran .S</b>	Evaluation of invitro antioxidant ..... <i>Piper longum linn.</i>	Research Journal of Pharmaceutical, Biological And Chemical Sciences, 2014, 5(6):174-179.
8	Madhuri GS Aithal, <b>Narayanappa Rajeswari</b>	Selection of suitable housekeeping genes..... Real time PCR	Molecular Cytogenetics, 2014, P18,
9	Meenakshi S R , <b>Arpitha B M</b> , <b>Shivakumara Bheemanaik</b>	Morphological Image Processing Approach Using K-Means Clustering for Detection of Tumor in Brain	International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064

## List of Publication 2013

S.No	Faculty name / Authors name	Title of the paper	Journal name / conference name / Year & PP
1	<b>Sinosh Skariyachan</b> , Nisha Jayaprakash, Naya Bharadwaj, <b>Rajeswari Narayanappa</b>	Exploring insights for virulent..... via insilico screening	Journal of Biomolecular Structure Dynamics, 2013, doi:10.1080/07391102.2013.819787
2	A.Ranga rao, V.Baskarn, R.Sarada, <b>G.A.Ravishankar</b>	Invivo bioavailability..... A repeated dose study	Food Research International, 2013, 54,711-717
3	Ambati Ranga Rao, H.N. Sindhuja, Shylaja M.Dharmesh, Kadimi udy Shankar, Ravi Sarada and <b>Gokare Aswathanarayana Ravishankar</b>	Effective inhibition skin cancer..... The green alga <i>heamatococcus pluviialis</i>	Journal of Agricultural and Food Chemistry, 2013, 61:3842-3851
4	Madhuri GS Aithal and <b>Narayanappa Rajeswari</b>	Role of notch signaling ..... DNA methylation	Journal of Genetics, 2013, 92: 6667-6785
5	<b>S Skariyachan</b> , A.G.Rao, M.R.Patil, B.Saikia, V.Bharadwaj KN and <b>J.Rao GS</b>	Antimicrobial potential of metabolites..... in coastal area of gulf of mannar biosphere India	Letters in Applied Microbiology, 2013, doi:10.1111/1am.12178

## List of Publication 2012

S.No	Faculty name / Authors name	Title of the paper	Journal name / Year & PP
1	<b>Sinosh Skariyachan</b> , Navya Bharadwaj and Nisha Prakash	Computer Aided virtual screening and selection of Novel Phytoligands against shiegelosis	International Journal of Current Research, 2012, 4 (05), 084-090
2	<b>Sinosh Skariyachan</b> , Priyanka Lokesh, Reshma Rao, Arushi Umesh kumar, <b>Kiran S Vasist, Rajeswari Narayanappa</b>	A Pilot study on water pollution..... Ramanagra district, Karanataka, Inda	Environ Monit Asses, 2012, 185(7):5483-95. 10.1007/s10661-012-2961
3	<b>Sinosh Skariyachan</b> , Nisha prakash, Navya Bharadwaj	<i>Insilico</i> exploration of novel phytoligands against probable drug target of clostridium tetani	Interdiscipl Sci Compu Life Sci, 2012, 4:1-9.
5	Mahesh Shrinivasan, <b>Sinosh Skariyachan</b> , Vaka Aparna & Vinod Rama Kolte	Homology modeling of CBI receptor..... Against Obesity	Bioinformation, 2012, Vol 8(11)
6	<b>Sinosh Skariyachan</b> , Arpitha Badarinath mahajanakatti, Narasimha Sharma, Shraddha Karanth, Shruthi Rao, & <b>Narayanappa Rajeswari</b>	Structure based virtual screening..... Resistant superbugs	Bioinformation, 2012, 8(9), 420-425.
7	<b>Madhu HN</b> , Mubin Tarnum, Raghavendra, Santhosh	Design and construction of photobioreactor....biohydrogen	KSBDB, 2012, Project 15

### List of Publication 2011

S.No	Faculty name / Authors name	Title of the paper	Journal name / conference name / Year & PP
1	Rao SK, Biradar UB, <b>Sinosh Skariyachan,</b>	Insilico simulation and docking studies of E2F3 tumor marker..... for prostate and breast cancer	Journal of Carcinogenesis, 2011, 10, S15
2	Usha Veerachari, Shilpa Venkatesh, Anuradha Yadav and <b>Dr Rajeswari narayanappa</b>	Biomonitoring genetic instability..... micronucleus test	International Multidisciplinary Journal, 2011. ½:01-09
3	<b>Arpitha BM</b> , Sharma, N. <b>Skariyachan S</b>	<i>Insilico</i> investigation and docking simulation ..... gastroduodenal cancer	Journal of Carcinogenesis, 2011, 10, S5
4	<b>Sinosh Skariyachan,</b> <b>Arpitha BM</b> , Sharma, N	An integrative insilico characterization..... Beta enolase deficiency	International Journal Of Pharma and Biosciences, 2011, 2 (1): B153- B165
5	<b>Narayanapp R</b>	Genotoxic effect of cancer patient's serum on normal blood leukocytes evaluated by "comet assay"	Journal of Carcinogenesis. 2011, 10, S7
5	DM shiva Reddy, <b>Sinosh Skariyachan,</b> Balaguru palanivel, Dalal Tirth anish, Jacob kiran, Rahul Gopal	VIRO-INFORMATICS: Finding a Herbal..... by RANi technique	International Journal of Pharmaceutical Sciences Review and Research, 2011, 10 (1), 142-P146
6	<b>Sinosh Skariyachan,</b> Rao shruthi Krishnan, Snehapriya Bangalore siddapa, chitra Salian, Prerana Bora, Denoj Sebastian	Computer aided .....MRSA infections	Bioinformation, 2011, 7(5): 222-233
7	<b>Sinosh Skariyachan,</b> <b>Arpitha Badarinath Mahajanakatti,</b> Narasimha Sharma, Murugan sevanan	Selection of herbal therapeutics against deltaxin mediated Clostridial infections	Bioinformation, 2011, 6(10):375-379.



## List of Publication 2010

Sl.No	Faculty name / Authors name	Title of the paper	Journal name / conference name / Year & PP
1	<b>Sinosh Skariyachan,</b> <b>Arpitha B</b> <b>Mahajanakatti,</b> Usha B Biradar, Narashimha Sharma, Abhilash M	Isolation, identification and characterization of clostridium perfringens..... Its delta enterotoxin	International Journal of Pharmaceutical Sciences Review and Research, 2010, 4(2), 164.
2	<b>Sinosh Skariyachan,</b> Ashwini MP, Ambreen Hina Ch, diksha M Jain, Abhilash M	Design and discovery of novel therapeutic drugs against <i>Helicobacter pylori</i> gastroduodenal cancer by insilico approach	Research Journal of Pharmaceutical, Biological and Chemical Sciences, 2010, 1(4), 1005-1016.
3	<b>Sinosh Skariyachan,</b> Athira jagadesh, Monusha S Kumar, Rashmi R Shetty, Sharmila singh V	Fermentative production and downstream characterization of single cell protein from food wastes	International Journal of Pharmaceutical Science and Biotechnology, 2010, 1(4): 294-300
4	<b>Sinosh Skariyachan,</b> Rao Shruthi Krishana, Usha B Biradar	<i>insilico</i> investigation and docking studies of E2F3 Tumor Marker:..... prostate and breast cancer	International Journal of Pharmaceutical Science And Drug Research, 2010, 2(4), 254-260
5	<b>Arpitha BM,</b> Narasimha Sharma, <b>Sinosh Skariyachan</b>	<i>Insilico</i> biomodelling and docking studies of Claudin 1;..... <i>E.Coli</i> infections	International Journal of Pharma Sciences and Research, 2010, 421-429

**DEPARTMENT OF BIOTECHNOLOGY**  
**DAYANANDA SAGAR COLLEGE OF ENGINEERING**

**LIST OF PUBLICATIONS COAUTHORED BY STUDENTS**

**National & International Journals**

S.No	Faculty name / Student name	Title of the paper	Journal Name/ Year, Volume, Issue & Page number
<b>2010</b>			
1	Sinosh Skariyachan, <b>Arpitha B Mahajanakatti, Usha B Biradar, Narashimha Sharma, Abhilash M</b>	Isolation, identification and characterization of clostridium perfringens..... Its delta enterotoxin	International Journal of Pharmaceutical Sciences Review And Research, 2010, 4(2), 164.
2	Sinosh Skariyachan, <b>Ashwini MP, Ambreen Hina Ch, Diksha M Jain, Abhilash M</b>	Design and discovery of novel therapeutic drugs against <i>Helicobacter pylori</i> gastroduodenal cancer by insilico approach	Research Journal of Pharmaceutical, Biological And Chemical Sciences, 2010, 1(4), 1005-1016.
3	Sinosh Skariyachan, <b>Athira jagadesh, Monusha S Kumar, Rashmi R Shetty, Sharmila Singh V</b>	Fermentative production and downstream characterization of single cell protein from food wastes	International Journal of Pharmaceutical Science And Biotechnology, 2010, 1(4): 294-300
4	Sinosh Skariyachan, <b>Rao Shruthi Krishana, Usha B Biradar</b>	<i>insilico</i> investigation and docking studies of E2F3 Tumor Marker:..... prostate and breast cancer	International Journal of Pharmaceutical Science and Drug Research, 2010, 2(4), 254-260
5	<b>Arpitha BM, Narasimha Sharma,</b> sinosh Skariyachan	<i>Insilico</i> biomodelling and docking studies of Claudin 1;..... <i>E.Coli</i> infections	International Journal of Pharma Sciences and Research, 2010, 421-429
<b>2011</b>			
1.	<b>Rao SK, Biradar UB,</b> Sinosh Skariyachan,	Insilico simulation and docking studies of E2F3 tumer moarker..... for prostate and breast cancer	Journal of Carcinogenesis, 2011, S15
2.	<b>Arpitha BM, Sharma, N. Sakriyachan S</b>	<i>Insilico</i> investigation and docking simulation ..... gastroduodenal cancer	Journal of Carcinogeniss, 2011, Vol10

3.	Sinosh Skariyachan, <b>Arpitha BM, Sharma, N</b>	An integrative insilico characterization..... ..... Beta enolase deficiency	International Journal of Pharma and Biosciences, 2011, 2 (1), 153- 165
4.	Sinosh Skariyachan, <b>Rao shruthi Krishnan, Snehapriya Bangalore siddapa, chitra Salian, Prerana Bora, Denoj Sebastian</b>	Computer aided .....MRSA infections	Bioinformation, 2011, 7(5): 222-233
5.	Sinosh Skariyachan, <b>Arpitha Badarinath Mahajanakatti, Narasimha Sharma, Murugan sevanan</b>	Selection of herbal therapeutics against deltatoxin mediated Clostridial infections	Bioinformation, 2011, 6(10): 375-379.

## 2012

1.	Sinosh Skariyachan, <b>Navya Bharadwaj and Nisha Prakash</b>	Computer Aided virtual screening and selection of Novel Phytoligands against shiegelosis	International Journal of Current Research, 2012 4 (5), 84-90
2.	Sinosh Skariyachan, <b>Priyanka Lokesh, Reshma Rao, Arushi Umesh kumar, Kiran S Vasist, Rajeswari Narayanappa</b>	A Pilot study on water pollution..... Ramanagra district, Karanataka, Inda	Environ Moint Asses, 2012, Doi 10.1007/s10661-012-2961
3.	Sinosh Skariyachan, <b>Nisha prakash, Navay Bharadwaj</b>	<i>Insilico</i> exploration of novel phytoligands aginst probable drug target of clostridium tetani	Interdicipl Sci Compu Life Sci, 2012, 4:1-9.
4.	<b>Mahesh Shrinivasan,</b> Sinosh Skariyachan, Vaka Aparna & <b>Vinod Rama Kolte</b>	Homology modeling of CBI receptor..... Against Obesity	Bioinformation, 2012, 8 (11), 523-528

## 2013

1	Sinosh Skaryachan, <b>Nisha Jayaprakash, Naya Bharadwaj, Rajeswari Narayanappa</b>	Exploring insights for virulent..... via insilico screening	Journal Of Biomolecular Structure Dynamics, 2013, doi:10.1080/07391102.2013.819787
2	S Skariyachan, <b>A.G.Rao, M.R.Patil, B.Saikia, V.Bharadwaj KN and J.Rao GS</b>	Antimicrobial potential of metabolites..... in coastal area of gulf of mannar biosphere India	Letters in Applied Microbiology, 2013, doi:10.1111/1am.12178

## 2014

1	Sinosh Skariyachan; <b>Naik Sowmyalaxmi Narayan, Tejaswini S Aggimath, Sushmitha Nagaraj, Monika S Reddy and Rajeswari</b>	Molecular modeling on Streptolysin-O of Multidrug resistant <i>Streptococcus pyogens</i> and computer aided screening and <i>invitro</i> assay for novel	Current Computer Aided Drug designing, 2014, 10,
---	---	--	--

	Narayanappa	herbal inhibitors	
2	<b>Arpitha Badarinath Mahajankatti, Geetha Murthy, Narashimha Sharma</b> , Sinosh Skariyachan	Exploring inhibitory potential of curcumin against various cancer targets by <i>insilico</i> virtual screening	Interdiscip Sci Comput Life Science, 2014, 6:13-24
<b>2015</b>			
1	<b>Madhu HN, Pushkar Ramesh, Manasha V anand, Surabhi sathyanarayana, Nitya Sarjapuram, Apekha Chandrashekar, Gautham Subramaniam</b>	The potential of hydrolytic..... fruit juice clarification	International Journal of Pharmacognosy And Phytochemical Research, 2015, 7(4):750-757
2	Sinosh skariyachan, <b>Archana B acharay, Saumya Subramaniyan, Sumangala Babu, Sruthi Kulkarni &amp; Rajeswari Narayanappa</b>	Secondary metabolites ..... an invitro and insilico investigation	Journal of Biomolecular Structure and Dynamics, 2015, doi:10.1080/07391102.2015.1094412
3	<b>Varsha Sathyanarayan, Disha Mohan</b> , Sinosh skariyachan , Rajeswari Narayanappa	Computational virtual screening..... MCF-7 cell lines	International Journal of Applied Sciences and Engineering, 2015, 1:65-71
4	Sinosh skariyachan , <b>Arpitha Badrinath Mahajanakatti, Nisha Jayaprakash Grandhi, Akshatha Prasanna, Ballari Sen, Narasimha Sharama</b> , Kiran S vasist, Rajeswari Narayanappa,	Environmental monitoring ..... Water source in Karnataka india	Environ Monit Assess, 2015, doi: 10.1007/s10661-015-4488-4
5	Sinosh skariyachan , <b>M Megha, Meghna Niranjani Kini, Kamath Manali Mukund, Alya Rizvi</b> , Kiran S vasist	Selection and screening ..... Rural areas of Bangalore India	Environ Monit Assess, 2015, 187, pp.4174
6	<b>Sangeetha R, Diea YKT, Chaitra C, Malvi PG and Shinomol GK</b>	The Amazing Bamboo..... potential	Indian Journal of Nutrition, 2015, 2:75-79
7	<b>Priya Patil</b> , Sinosh Skariyachan, Eshita Mutt, Swati Kaushik	Computational analysis..... probable lead molecules	Intediscip Sci Comput Life Sci, 2015, doi; 10.1007/s12539-015-0282-9
8	Sinosh Skariyachan, <b>Anitha Pachyappan, Jeenu Joy, Rupam Bhaduri, Imlimaong Aier</b> , Kiran S. Vasist	Investigating ..... assays	Journal of Biomolecular Structure And Dynamics, 2015, doi:10.1080/07391102.2015.10004110.

9	Shinomol George K, Bhanu Revathi K, <b>Deepa N, Pooja Sheregar C, Ashwini T.S, Suchandrima Das</b>	A study on the potential..... various lakes in Bangalore	Resource efficient waste management: proceedings of 5 <sup>th</sup> Icon SWM2015, PP1103-1113
<b>2016</b>			
2	Sinosh Skariyachan, <b>Asma Parveen, Shruthi Garka.</b>	Nanoparticle Fullerene (C60) demonstrated stable binding with antibacterial potential towards probable targets of drug resistant <i>Salmonella typhi</i> - A computational perspective and in vitro	J Biomol Struct Dyn, 2016; 23,1-20.
3	Shinomol GK, K. Bhanu Revathi, N. <b>Deepa , S.C.Pooja, T.S. Ashwini , S. Das,</b> "A Study on	Moringa Leaf and Bark Extract in Bioremediation of Heavy Metals from Water Collected from	Procedia Environmental Sciences, 2016. 35, 869-880
4	Sinosh Skariyachan, <b>Vishal Manjunatha, Subiya Sultana, Chandana Jois, Vidya Bhai,</b> Kiran Vasist	Novel bacterial consortia isolated from.....low density polyethylene	Environmental Science and Pollution Research Doi10.1007/s11356-016-7000-y
6	<b>R. Yashas &amp; B.M. Arpitha</b>	An Introduction to phylum Tardigrada – Review	International Journal of Latest Technology in Engineering, Management & Applied Science, 2016; 5, 48-52.
9	Sinosh Skariyachan, <b>Apoorva Prasanna, Sirisha P. Manjunath, Soujanya</b>	Exploring the medical potential of the.....against multidrug resistant bacterial pathogens	International Journal of Medicinal mushrooms; 2016; 18 (3): 245-252
10	<b>Anagha S Setlur, Sujay Y Naik,</b> Sinosh Skariyachan	Herbal lead as ideal bioactive compounds..... A computational drug discovery perspective	Interdiscip Sci Comput Life Sci, 2016, doi:10.1007/s12539-016-0149-8
11	Sinosh skariyachan , <b>Apoorva prasanna, Sirisha P. Manjunath, Soujanya S Karanth</b> et al,	Environmental assessment ..... Textile industries in Karnataka , India	Environ Monit Asses, 2016,188:1-8

12	<b>Priyanka Patil,</b> Naveen Kumar N, Shinomol George K.	User Interface for Metagenomics Data Analysis	International Journal of Recent Trends in Engineering and Research. 2016 2 (4):264-267.
<b>2017</b>			
9.	<b>S. Skariyachan, S. Garka, S. Puttaswamy, S. Shanbhogue, R. Devaraju, R. Narayanappa</b>	Environmental monitoring and assessment of antibacterial metabolite producing actinobacteria screened from marine sediments in south coastal regions of Karnataka, India	Environ Monit Assess. 2017, 189, 283. doi: 10.1007/s10661-017-5999-y.
10.	<b>S. Skariyachan, A. S. Setlur, S.Y. Naik, A. A. Naik, M. Usharani, K. S.Vasist</b>	Enhanced biodegradation of low and high density polyethylene by novel bacterial consortia formulated from plastic contaminated cow dung under thermophilic conditions	Environ Sci Pollut Res Int. 2017, 24, 8443–8457.
11.	<b>S. Kamath, S. Skariyachan.</b>	Novel insight from computational virtual screening depicts the binding potential of selected phytotherapeutics	Interdiscip Sci. 2017, doi:10.1007/s12539-017-0215-x,
12.	<b>Madhu H N, Manasa V Anand, Gautham Subramaniam, Pradeep R Jain</b>	Saccharification of Lignocellulosic biomass from <i>Phoma exigua</i> and ethanol production from <i>Saccharomyces cerevisiae</i> using cost	International Journal of Pharma and Biosciences, 2017 8(1):484-493.
13.	<b>S. Banerjee, S. Pandey, P. Muherjee, A.Sayeed, A.V. Pandurangi, G. K. Shinomol, S.M.</b>	Investigation of cytotoxicity induced by <i>Nigella sativa</i> and <i>Azadirachta indica</i> using MDA-MB-231, HCT 116 and SHSY5Y	Pharmacognosy Journal, 2017 9 (2): 192-195.