Name of Faculty	Dr. Bishwambhar Mishra
Designation	Assistant Professor
Nature of Job/Appointment	Regular
Date of Joining	02-06-2019
E-mail	bishwambhar_biotech@cbit.ac.in

Education Qualifications	**Name of the Degree**	**Class**
Ph. D	M.Tech-Integrated-Doctor of Philosophy (Biotechnology)	Awarded
UG	B. Tech. (Biotechnology)	First Class

Work Experience

Teaching	07 years
Research	04 years
Industry	--
Others	--
Area of Specialization	Microbial Technology and Industrial Biotechnology
Professional Memberships	1. Biotech Research Society India, Lifetime Member 2. The Association of Microbiologists of India (AMI), Annual Member(2022-23)
Responsibilities held at Institution Level	1. Coordinator- AICTE-SPICES 2. Member-Cultural Committee for Shruthi 2020
Responsibilities held at Department Level	1. Invited Member - Board of Studies 2. Research Coordinator -2 3. Member, Program Assessment Committee (PAC) 4. Member, Course Expert Group (CEG) 5. Member, Program Content Committee (PCC) 6. Member, Department advisory committee member 7. IPR coordinator dept level coordinator 8. IIC coordinator dept level coordinator 9. NIRF Coordinator dept level 10. Mentor for students 11. Program content committee coordinator 12. Universal Human Values coordinator 13. Coordinator- Students' Internship 14. Member- Anti-ragging Committee 15. Member-Squad & Disciplinary Committee 16. Bio-hackathon event coordinator- Neozion/Sudhee 2020
Research Guidance	--
Awards Received	1. Featured (as **best scientist in Natural sciences and Biological sciences in University or Institution**) in AD Scientific index (CBIT and Indian Ranking) for the years 2022 and 2023 2. Awarded as Topic Editor in Frontiers in Pharmacology & Frontiers in Oncology (Link: Anti-Cancer Bioactive Molecules from Microbial Sources | Frontiers Research Topic (frontiersin.org) 3. Received "Best Teacher Award**"** at CBIT in the Academic Year of 2021-22 4. Received "Best Poster Award" in International conference on Bio-Innovations for Environmental and Health Sustainable Developments (BEHSD-2018), CSIR-Indian Institute of Toxicology Research (CSIR-IITR), Lucknow, India; November 27-28, 2018

5. Received “Best Paper Award-2018” in 2nd International Conference on Research Trends in Engineering, Applied Science and Management (ICRTESM-2018) on 23rd September 2018 at Osmania University, Hyderabad
6. Received "Best Teacher Award" in the Sreenidhi Institute of Science and Technology in the Academic Year of 2014-15.
7. Received National Award, “Gandhian Young Technological Innovation Award-2013” organized by Techpedia and SRISTHI at IIM-A.
8. Received “Research Awards-2012” from VIT University for contribution to research through publication in peer reviewed journals.
9. Got 3rd Prize in Paper presentation in CAMTech-India Mediacl Hackathon on Nov 26, 2012, VIT University.

Courses Handled at Under Graduate / Post Graduate Level.

1. Microbiology and Industrial Biotechnology
2. Instrumental Method in Biotechnology
3. Enzyme Technology
4. Environmental Biotechnology
5. Basics of Biology
6. Environmental Studies
7. Food Science and Technology
8. Research and Methodology
9. Downstream Processing
10. Culture Values Ethics and IPR
11. Microbiology Laboratory
12. Instrumentation Laboratory

No. of Papers Published

National Journals – 12 International Journals – 18

National Conference – Nil International Conference – 7

Projects Carried out

AICTE-SPICES : Letter No. 10-221/AICTE/IDC/SPICES/2020-2
Start Date: 05.03.2021
Completion: 30.09.2022
Duration: 1 Years 6 Months
Total Budget: Rs. 2,00,000/- (Two Lakh)

Patents --

Technology Transfer --

Invited Speaker --

No. of Books/Chapter Published with details

1. C. V. S. Aishwarya, J. Caleb Joel Raj, Sanjeeb Kumar Mandal, C. Nagendranatha Reddy & Bishwambhar Mishra* Smart Health Care by Harnessing the Internet of Things (IoT): Applications, Challenges, and Future Aspects. In: Sindhwani, N., Anand, R., Niranjanamurthy, M., Chander Verma, D., Valentina, E.B. (eds) IoT Based Smart Applications. EAI/Springer Innovations in Communication and Computing. Springer, Cham. https://doi.org/10.1007/978-3-031-04524-0_3 Publisher Name: Springer, Cham, ISBN: 978-3-031-04523-3
2. Alisha Chunduri, Niveditha Donthula,M. Jahanavi,Sowmya Golla,Pooja Aich,K. Sahithya,Bishwambhar Mishra, Sanjeeb Kumar Mandal,Anuranjeeta Role of Microbes in the Pharmaceutical Industry. In: Sanjay Kumar,Narendra Kumar,Shahid-ul-Islam (eds) Role of Microbes in Industrial Products and Processes. John Wiley & Sons. https://doi.org/10.1002/9781119901198, Publisher Name: John Wiley & Sons. ISBN: 978-1-119-901198

3. N.S.V. Lakshmayya,Y. Swarna Lekhya,Yugal Kishore Mohanta,Sanjeeb Kumar Mandal,Dinesh Chand Agrawal, Bishwambhar Mishra* Food reservatives from Microbial Origin: Industrial Perspectives. In: Sanjay Kumar,Narendra Kumar,Shahid-ul-Islam (eds) Role of Microbes in Industrial Products and Processes. John Wiley & Sons. https://doi.org/10.1002/9781119901198, Publisher Name: John Wiley & Sons. ISBN: 978-1-119-901198
4. Kanagaraj Suganya,Balraj Sudha, Bishwambhar Mishra, Bapatla Sumithra, Sanjeeb Kumar Mandal,Sundaravadivelu Sumathi Marine Microbes as a Resource for Novel Enzymes. In: Sanjay Kumar,Narendra Kumar,Shahid-ul-Islam (eds) Role of Microbes in Industrial Products and Processes. John Wiley & Sons. https://doi.org/10.1002/9781119901198, Publisher Name: John Wiley & Sons.ISBN: 978-1-119-901198
5. Santhoshini Hazari, Uzma Tabassum, Anum Jehan Siddiqui,Shivani Hazari,Addagatla Ravindar,Sanjeeb Kumar Mandal,Sanjay Kumar,Bishwambhar Mishra* Actinobacteria in Natural Product Research: Avenues and Challenges. In: Sanjay Kumar,Narendra Kumar,Shahid-ul-Islam (eds) Role of Microbes in Industrial Products and Processes. John Wiley & Sons. https://doi.org/10.1002/9781119901198 Publisher Name: John Wiley & Sons. ISBN: 978-1-119-901198
6. Pooja Aich, Balraj Sudha,Kanagaraj Suganya, Bishwambhar Mishra,Bapatla Sumithra,Sanjeeb Kumar Mandal, Sundaravadivelu Sumathi Recovery of Valuable Products from Vegetable Wastes. In: Sanjay Kumar,Narendra Kumar,Shahid-ul-Islam (eds) Role of Microbes in Industrial Products and Processes. John Wiley & Sons. https://doi.org/10.1002/9781119901198 Publisher Name: John Wiley & Sons. ISBN: 978-1-119-901198
7. Mishra, B., Yadavalli, R., Vineetha, Y. and Reddy, C.N., 2021. Recent advancements and challenges of nanomaterials application in biofuel production. In Nanomaterials (pp. 7-55). Academic Press
8. Reddy C.N., Mishra B., Mandal S.K., Agrawal D.C., Kruthiventi C. (2021) An Insight into Pullulan and Its Potential Applications. In: Oliveira J., Radhouani H., Reis R.L. (eds) Polysaccharides of Microbial Origin. Springer, Cham. https://doi.org/10.1007/978-3-030-35734-4_15-1
9. Bangaru, A., Sree, K.A., Kruthiventi, C., Banala, M., Shreya, V., Vineetha, Y., Shalini, A., Mishra, B., Yadavalli, R., Chandrasekhar, K. and Reddy, C.N., 2022. Role of Enzymes in Biofuel Production: Recent Developments and Challenges. Bio-Clean Energy Technologies: Volume 1, pp.81-112.
10. Bishwambhar Mishra, Sunita Varjani, Monali Parida, Gayathri Priya Iragavarapu, Mukesh Kumar Awasthi, Sanjeev Kumar Awasthi, and Zengqiang Zhang,Film Based Packaging for Food Safety and Preservation: Issues and Perspectives, Springer Nature, Singapore Pte Ltd in Environmental Microbiology and Biotechnology,pp. 309-336. ISBN:978-981-15-7492-4
11. Sunita Varjani, Bishwambhar Mishra, Rajasri Yadavalli, Xuan-Thanh Bui, Mohammad J. Taherzadeh, Dinesh Chand Agrawal, Siming You, Jo-Shu Chang (2020).Petroleum waste biorefinery: A way towards a circular economy in : (Eds. Thallada Bhaskar et al.) Waste Biorefinery, Volume III, Elsevier, pp. 375-389 ISBN: 9780128218792
12. Bishwambhar Mishra, Rajasri Yadavalli, Y. Vineetha, C. Nagendranatha Reddy (2020). Recent advancements and challenges of nanomaterials application in biofuel production in

"Nanomaterials Application in Biofuels and Bioenergy Production Systems" Elsevier. R. Praveen Kumar et al. (eds.), pp.7-55, ISBN: 978-0-12-822401-4

13. Bishwambhar Mishra, Monali Parida, Bhushan Vishal (2019) Microbial Bank Modernization in Bioengineering, Remodelling cellular architecture to industrial design: Shampa Sen (Ed), Taylor and Francis, CRC Press, United Kingdom (Accepted)
14. Bishwambhar Mishra, Sunita Varjani and G. Karthikeya Srinivasa Varma (2018) Agro-Industrial By-Products in the Synthesis of Food Grade Microbial Pigments: An Eco-Friendly Alternative. In: B. Parameswaran et al. (eds.), Green Bio-processes, 1st edn. Springer Nature, Singapore Pte Ltd , ISBN: 978-9811332623
15. Bishwambhar Mishra (2018) Machine Learning Approach to Overcome The Challenges In Theranostics: A Review. In: Shampa Sen (ed) Machine Learning and IoT: A Biological Perspective, 1st Edn. Taylor and Francis, CRC Press, United Kingdom (ISBN: 9781351029940)
16. Bishwambhar Mishra, Deveeka Zamare and A. Manikanta (2018) Selection and Utilization of Agro-industrial waste for Biosynthesis and Hyper-production of Pullulan ; A Review. In: Sunita J. Varjani (ed) Biosynthetic Technology and Environmental Challenges, 1st edn. Springer Nature, Singapore Pte Ltd, pp 89-103. DOI:10.1007/978-981-10-7434-9

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Other Trainings (**Attended and/or Organized**).

1. National webinar titled "Smile your way to good health", organized by Department of Chemistry, IADC-A on 17/07/2021
2. 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by AICTE from 12/07/2021 to 16/07/2021
3. Indo-Canada online workshop on "Nano-Bioengineering" jointly organized by the Department of Biotechnology, Indian Institute of Technology (IIT) Roorkee and Centre for Biomedical Research (CBR), University of Victoria (UVic) Canada 13.03.21
4. FDP on "Patent search and Filing" Organized by Andhra Unversity and TURNIP Innovation during 16.02.21-20.02.21
5. FDP on " Good Laboratory Practices"organized by Dept. of life sciences , Sharda University, New Delhi8.02.2021-12.02.2021
6. Workshop on "Technology Commercialization" by Prof. Man Singh, Dean, Central University, Gujrat on 15.02.2021
7. Webinar on "Career Opportunities in Scientific Writing and Publishing" organized by Federation of Asian Biotech Associations (FABA)on 4.11.2020
8. 2-Weeks Comprehensive Online Patent Information Course organised by Turnip Innovations during 21.10.2020-4.11.2020
9. Webinar on Leadership Talk with Shri Dipendra Manocha, (Motivational Speaker) held on 27th Jun by MHRD' on 27.07.2020
10. International e-conference on Material Processing and Characterization on 18th and 19th Septemcer, 2020 organized by CBIT, Hyderabad
11. "Agri-Biotechnology: Progress and Prospects" held on 7 October 2020 Federation of Asian Biotech Associations (FABA) on 7.10.202 Present and future opportunities in the biopharma and vaccine industries" Organized by FABA Academy on 26th June, 2021
12. FDP on "Six weeks (Virtual) Technology Based Entrepreneurship Development Programme on "Bio Techniques for Enabling Bioentrepreneurship, Sponsored by NSTEDB,Department of Science and Technology, Government of India, New Delhi." 08th February to 22nd March, 2021

13. Attended one Week online Faculty Development Program on “Waste to Bioenergy” organized by Sharda University, NCR and Maharashtra Institute of Technology, Aurangabad during 28 June to 4 July, 2020
14. Organized a One Week webinar cum FDP Series on “Current Progress and Future Prospects of Biotechnology” organized by Department of Biotechnology, Chaitanya Bharathi Institute of Technology (A), Hyderabad in association with Andhra Pradesh Akademi of Sciences during 8-13 June 2020
15. Attended Indo-UK Virtual Conference on ‘Current Innovations and the Future of Therapeutic Developments’ CIFTD-2020 at Vellore Institute of Technology (VIT), Vellore, India and Swansea University, United Kingdom during 1st-3rd June, 2020
16. Attended one week Online faculty Development Program on “Outcome Based Education (OBE) and NBA Accreditation Process (UG) organized by Chaitanya Bharathi Institute of Technology (A), Hyderabad from 28.05.2020 to 01.06.2020
17. Attended Five Day national Level Online Faculty Development Program on “Artificial Intelligence” organized by Department of CSE, IT and MCA in collaboration with Brain-O-Vision India Pvt. Ltd. During 22-26 May 2020
18. Attended International Conference on “Advances in bioprocessing of agri-food resources” organized by CSIR-Central Food Technological Research Institute (CFTRI); Association of Food Scientists and Technologists (India); DRDO-Defence Food Research Laboratory (DFRL), December 14, 2019 – December 16, 2019
19. Co-Chaired the session in International Conference on Biotechnology and Bioengineering Trends-2017 on 25th March, 2017 at JNTU, Hyderabad.

Details of Journal Publications/ Conferences (**National and International**)

International Journal

1. Mishra, B., Mohanta, Y.K., Varjani, S. et al. A critical review on valorization of food processing wastes and by-products for pullulan production. J Food Sci Technol (2022). https://doi.org/10.1007/s13197-022-05490-5
2. Mishra B, Mishra AK, Kumar S, Mandal SK, NSV L, Kumar V, Baek K-H, Mohanta YK. Antifungal Metabolites as Food Bio-Preservative: Innovation, Outlook, and Challenges. Metabolites. 2022; 12(1):12. https://doi.org/10.3390/metabo12010012
3. Bishwambhar Mishra, Sunita Varjani, Dinesh Chand Agrawal, Sanjeeb Kumar Mandal, Huu Hao Ngo, Mohammad J. Taherzadeh, Jo-Shu Chang, Siming You, Wenshan Guo (2020) Engineering biocatalytic material for the remediation of pollutants: A comprehensive review, Environmental Technology & Innovation,101063, https://doi.org/10.1016/j.eti.2020.101063
4. Bishwambhar Mishra, Sunita Varjani, Ipshita Pradhan, Nakkeeran Ekambaram,Jose A. Teixeira, Huu Hao Ngo, Wenshan Guo (2020) Insights into Interdisciplinary Approaches for Bioremediation of Organic Pollutants: Innovations, Challenges and Perspectives, Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci. https://doi.org/10.1007/s40011-020-01187-x
5. Bishwambhar Mishra, Sunita Varjani, Gopalakrishnan Kumar, Mukesh Kumar Awasthi, Sanjeev Kumar Awasthi, Raveendran Sindhu, Parameswaran Binod, Eldon R Rene and Zengqiang Zhang (2020) Microbial approaches for remediation of pollutants: Innovations, future outlook, and challenges. Energy & Environment. https://doi.org/10.1177/0958305X19896781
6. Bishwambhar Mishra, Sunita Varjani (2019) Evaluation of pullulan production by a newly isolated Micrococcus luteus, Indian Journal of Experimental Biology , Vol. 57, pp.813-820
7. Bishwambhar Mishra, Sunita Varjani, Gayathri Priya Iragavarapu, Huu Hao Ngo, Wenshan Guo, Bhushan Vishal (2019) Microbial fingerprinting of potential biodegrading organisms, Current Pollution Reports, https://doi.org/10.1007/s40726-019-00116-5
8. Narjis Fathima Mirza, Snehasri Motamarry, Preetha Bhadra and Bishwambhar Mishra (2018) Antifungal peptides: Biosynthesis, production and applications. Biosci. Biotech. Res. Comm. 11(3): 376-386

9. Deveeka Zamare and Bishwambhar Mishra (2018) Enhanced antimicrobial activity of probiotics through selenium nanoparticles enrichment against gastrointestinal pathogens. Int J Pharm Sci Res 9(2): 1000-08.doi: 10.13040/IJPSR.0975-8232.9(2).1000-08 (SCOPUS, ESCI).
10. Sama Vinoshna , Manikanta Akula and Bishwambhar Mishra (2017) In vitro Antioxidant Efficacy of EPS obtained from Micrococcus luteus SNIST- CM 02: A Brief Study . Journal of Microbiology Biotechnology and Food Sciences . doi: 10.15414/jmbfs.2017.6.5.1199-1202 (SCOPUS).
11. Bishwambhar Mishra, A. Manikanta , K. Harthik Reddy, A. Anand and M. Sharath Kumar Raju (2016) Formulation and Optimization of Clarithromycin loaded with Pullulan acetate microsphere for Sustained Release by Response Surface Methodology . International Journal of Drug Development and Research 8(3): 11-15. (SCOPUS, Thomson Reuters; SJR Impact Factor: 1.352)
12. Deveeka Zamare, Shraddha Choudhary, Bishwambhar Mishra(2016) Identification of Leads as Topoisomerase-II Inhibitors Using Pharmacophore Mapping. International Journal of Pharmacy and Chemistry. Vol. 2, No. 2, pp. 24-30. doi: 10.11648/j.ijpc.20160202.14
13. Bishwambhar Mishra, Akula Manikanta and Deveeka Zamare (2016) Preparation of Maltotriose syrup from microbial Pullulan by using Pullulanase Enzyme . Biosciences Biotechnology Research Asia 13(1): 481-485
14. Bishwambhar Mishra and Suneetha Vuppu (2014) Biosynthesis and Hyper production of Pullulan by a newly isolated Strain of Aspergillus japonicus-VITSB1 (2014), World Journal of Microbiology and Biotechnology 30(7):2045-2052, Springer.
15. Bishwambhar Mishra and Suneetha Vuppu (2014) Strain Improvement and Statistical Analysis of Pullulan producing strain of Aspergillus japonicus-VIT-SB1 for Maximum yield Journal of Pure and Applied Microbiology.
16. Bishwambhar Mishra and Suneetha Vuppu (2012) Characterization of exopolysaccharide a pullulan produced by a novel strain of Aureobasidium pullulans-SB-1 isolated from the phylloplane of Brassica oleracea cultivated in Orissa State, Asian Journal of Microbiology Biotechnology & Environmental Sciences 14 (3):369-374.
17. Bishwambhar Mishra and Vuppu Suneetha (2012) Release study of Naproxen, A Modern drug from PH Sensitive Pullulan Acetate Microsphere. International Journal of Drug Development & Research. 4(4):259-262.
18. Suneetha V, Bishwambhar Mishra, Gopinath R.,Shrestha S R, Kartik G K.B.,Pravesh C, Apoorvi C, Kalyani R (2012) Screening and Identification of Degradable Products By Pectin Lyase Producing Actinomycetes from Katpadi And Chittoor Fruit Industrial Waste Enriched Soil Samples Asian Journal of Microbiology Biotechnology and Environmental Sciences 14: 405-412.

International Conferences

1. Lakshmayya NSV, Swarna Lekhya Y, Bishwambhar Mishra, “Antimicrobial peptides in food preservation” International Conference On Biotechnology and Interdisciplinary Technologies (iCBIT'21) CBIT, Hyderabad, 8-12 November, 2021
2. Bishwambhar Mishra and Sunita Varjani Groundnut Oil Cake: Useful nutrient for pullulan production by Micrococcus luteus, International Conference on Sustainable Biowaste Management 2021,Hong Kong SAR.
3. Bishwambhar Mishra, Sanjeeb Mandal, Bhushan Vishal (2019) “ Hyper-production of Pullulan by *Micrococcus leuteus* cultivated on the mixture of potato hydrolysate and sucrose” in “Bioprocessing India Conference 2019, pp.111.
4. Bishwambhar Mishra, Sunita Variani (2018) “Optimization of Fermentation condition for pullulan production by a new isolate of Micrococcus luteus” International conference on Bio-Innovations for Environmental and Health Sustainable Developments (BEHSD-2018), pp. 46.
5. Monali Parida, Victor Pradhan, Preetha Bhadra, Bishwambhar Mishra (2018) “A Noble Process of Production of Bio Plastic (Degradable) From Waste Plastic (Non- Degradable)” in 2nd International Conference on Research Trends in Engineering, Applied Science and Management (ICRTESM-2018) pp.255-258
6. Sama Vinoshna, A. Manikanta, Bishwambhar Mishra (2017) “ In Vitro Antioxidant Effect Of Carbohydrate Based Polymer Obtained from Micrococcus luteus SNIST- CM 02” in International Conference on Biotechnology and Bioengineering Trends-2017 (ICBBT-17), pp. 269
7. Bishwambhar Mishra, Suneetha Vuppu (2013) "A Study on Downstream Processing for the production of Pullulan by *Aureobasidium pullulans*-SB-01 from the Fermentation broth " 2nd International Science Congress , pp.16

National Journals

1. Bishwambhar Mishra (2017) Major Problems Addressed in Pullulan Production; A Review. Advances in Biotechnology and Microbiology DOI:10.19080/AIBM.2017.06.555696.

2. Bishwambhar Mishra, A. Manikanta , K. Harthik Reddy, A. Anand and M.Sharath Kumar Raju (2016) Formulation and Optimization of Clarithromycin loaded with Pullulan acetate microsphere for Sustained Release by Response Surface Methodology . International Journal of Drug Development and Research 8(3): 11-15.
3. Bishwambhar Mishra and Suneetha Vuppu (2013) A Study on Downstream Processing for the production of Pullulan by Aureobasidium pullulans-SB-01 from the Fermentation broth Research Journal of Recent Sciences 2(ISC-2012):16-19.
4. Suneetha V., Bishwambhar Mishra, Parul Kamat, Gopi chand T., Saranya C., Rani Anupama, Alok Prakash, (2013) Statistics and mathematical modelling; A major recent modern tool in biotechnology and bioinformatics data analysis. Applied Mathematical Sciences, 7 (32):1563 – 1567. (SCOPUS)
5. Siddharth Sharan, Naina Thangaraj, Bishwambhar Mishra, Suneetha V (2013) A Statistical study of effects of bacterial Decaffeination on Beverages International Journal of Drug Development & Research 5(2): 138-144.
6. Sanjeeb Kumar Mandal, Vignesh Kumar M, Moumita Banerjee, Bishwambhar Mishra (2013)Evaluating The Nutritive Properties Of Mixed Plant Derived Products With And Without Soyamilk For Pharmacological Usage Asian journal of pharmaceutical and clinical research 6(4): 74-77.
7. Jai Prakash Singh, Satish K. Singh, Ruchika Chandel, Bishwambhar Mishra, Suneetha V (2013)Evaluation of Antimicrobial and Antioxidant Property of Lychee's Seed for Therapeutic Purpose Int. J. Pharm. Sci. Rev. Res., 19(2):72-76.
8. Alok Prakash, Kanupriya Mathur, Ankita Vishwakarma, Suneetha Vuppu, Bishwambhar Mishra,(2013) Comparative Assay of Antioxidant and Antibacterial Properties of Indian Culinary Seasonal Fruit Peel Extracts obtained from Vellore, Tamilnadu. Int. J. Pharm. Sci. Rev. Res., 19(1):131-135.
9. Parul Kamat, Nitu Mittal, Suneetha Vuppu and Bishwambhar Mishra (2012) A Brief Study on Raw and Soaked South Indian Almonds, Peanuts, Resins and Sauerkraut for Nutritive Value.Science Journal of Agricultural Research and Management Volume Article ID sjarm-243, 4 Pages, 2012. doi: 10.7237/sjarm/243
10. Bishwambhar Mishra, Vuppu Suneetha and C. Ramalingam (2011) An overview of Mechanistic Characterization and optimization of Pullulan producing microorganism South Asian Journal of Experimental Biology 1 (3): 147-151.
11. Bishwambhar Mishra, Suneetha Vuppu and Kalyani Rath (2011) The role of microbial pullulan, a biopolymer in pharmaceutical approaches: A review. Journal of Applied Pharmaceutical Science 01(06):45-50.
12. Suneetha Vuppu and Bishwambhar Mishra (2011) An Overview of Some Reported Soil Enzyme Producing Microorganisms. Indian Journal of Fundamental and Applied Life Sciences 01 (4):180-186.