

Dr. Trilok Chandran B, Assistant Professor

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Educational Qualification	B Pharma, M.Tech, M B A (Finance), Ph.D. in Biotechnology		
Experience	Teaching	17 Years	
	Industrial	14 Years	
Area of Interest	Bioprocess technology, Downstream Processing		
Date of joining RVCE	18-01-2010		
Email ID	trilokc@rvce.edu.in		

IUCEE CERTIFIED FACULTY

IUCEE INTERNATIONAL ENGINEERING EDUCATOR CERTIFICATION PROGRAM

Awarded Distinction Certificate During SPRING 2022.

(Organized by IUCEE and IGIP)

Project Guided:

Number of UG projects guided: 12

Number of PG projects guided: 10

Publications:

National Conferences: 09

National Journals: 10

International Journals: 07

International Conferences: 05

National Conferences:

1. Naseera Syed Arif, Neha Hatangadi, Soujanya.S **Trilokchandran B**, Kumar G and Thippareddy K.S., Yeast Cell Broth Clarification By Crossflow Filtration Technology., Chemical Engineering and Biotechnology, SIT are organizing a National Level Biotechnology and Chemical Engineering Student's Seminar Bio-ChESS'19 on 12th March 2019.
2. Alisha S Rodrigues, Ananya .B, Keerthi Reddy, Naseera Sayed Arif, **Trilokchandran.B**, Vijayakumar G & Thippa Reddy "Determination of binding capacity of a nano-resin for protein Purification" Chemical Engineering Department is organizing National Level Techno-cultural fest "REACT 19" on the 29th and 30th of March 2019 at Dept. of Chemical Engineering,, RVCE.
3. **Trilokchandran B**, Pushpa Agrawal, Vijaya Kumar G and Thippareddy K.S., Serratiapeptidase: production and purification of therapeutic enzyme form serration species., national conference Advances & Innovations in Biotechnology Multidisciplinary approaches to Food, Health, Environmental and Energy Issues (AIBFEE) organized by Dayanada Sagar College held at 15th to 16th November 2018.
4. Paper MBO-6: Optimization studies on selected microbial species for the production of L-Asparaginase enzyme. Presented at National Conference on Biotechnology and Society NCBS 2012 held at Kuvempu Univerity, Shankaraghatta on 19-20th April 2012.
5. Attended National seminar on Social Relevance on Nano-Materials and applications: An Interdisciplinary Approach (SNAIA-2011) Held at Karnataka State Higher Education Council, Bangalore on 31-12-2011.Presented a paper entitled "Extraction of Sericin from silk waste by using urea and conversion to nanoParticles.

National Journals:

1. G Vijaya Kumar, Pushpa Agrawal, Thippa Reddy, and **Trilokchandran B**, Nano structured alumina Theoretical Analysis for Separation of Coagulant Proteins from Moringa Oleifera using Nano Structured Alumina, *RV Journal for science technology engineering arts and management*, 1(2), 78 –88, 2020.
2. Alisha S Rodrigues, Ananya B, G Vijaya Kumar, **Trilok Chandran B**. The control of Bacterial Blight of pomegranate using the methanolic extracts of Indian bael and *leucas aspera*. *Innovare journal of life sciences*, 8 (2), 1-11, 2020.

International Journals:

1. Shruthi A, **Dr. Trilokchandran B**, Dr. Pushpa Agrawal, B S Rithu, New insight into flavivirus infection with special reference to dengue, *International Journal of Research and Analytical Reviews (IJRAR)*, 7(2),374-86,2020(**UGC Approved Journal**)
2. **Trilokchandran B.***, Agrawal P., Vijayakumar G, Ayush Kumar and Surana S., a study on serratiapaptidase enzyme production from serratia species Journal of Environmental Research And Development Vol. 13 No. 02, October-December 2018 pp108-115.
3. G. Vijaya Kumar*, Lingayya Hiremath, Agrawal Pushpa, **Trilok Chandran**, Thippa reddy, Mruthyunjaya1 and Prakash A. N., Microbial sewage treatment using sequencing continuous batch reactor (sbr)., Journal of Environmental Research And Development.,Vol. 13 No. 03, January-March 2019., pp-244-249., ISSN 0973 – 6921 ; E – ISSN 2319 – 5983.
4. **Trilok Chandran** G. Vijaya Kumar and Thippareddy, Formulation and evaluation of cosmetic cream and cabbage extract., Research journal of Pharma and Technology., Volume 12(8) 2019., pp.3589-3594 (Scopus indexed).

5. Trilokchandran B, Pushpa Agrawal and Krishna V. Media optimization and growth parameters for the production of L-asparaginase enzyme from bacterial isolate. Journal of Chemical and Pharmaceutical Research, 2016, 8(8):223-228.
6. Trilokchandran B, Pushpa Agrawal and Krishna V. Screening Studies of Microbial species for L-Asparaginase Production J. Environ. Res. Develop. Vol.10 No. 04, April-June 2016.
7. Narendra Kumar.S, Trilok Chandran B, Sophia Namratha, "Production of theobromine from *Pseudomonas sp*". International journal of Research pharmacy, 2013,4(2),151-154.

International Conferences:

1. Attended and presented a poster at Bangalore Tech summit 2019 at Bangalore Palace Grounds, Bengaluru during November 2019.
2. Attended and presented a poster at Bangalore Tech summit 2018 at Bangalore Palace Grounds, Bengaluru during November 2018.
3. Paper accepted at the 8th International Congress of Environmental Research Conference, Luebeck, Germany, Microbial L-Asparaginase as a potential therapeutic agent (ICER-162-LS-O-16) on 27-28th July 2016.
4. Attended and presented a paper at the 7th International congress of Environmental Research conference during 25-27th December, 2014 held at RVCE Campus, Bangalore.
5. Attended and presented a paper at the 4th International congress of Environmental Research conference during 15-17th December, 2011 held at SVNIT Campus, Surat.

International Conferences (Proceedings):

1. Abstract accepted for the 10th International congress of environmental research at Adi Shankara Institute of Engineering and technology, Kalady, Kerala, India, on December 19-21, 2019. ICER-030-PS-O-19: Antimicrobial effect of combined crude leaf extracts on selected pathogens.
2. Trilokchandran B, Pushpa Agrawal, Vijaya kumar G and Thippareddy K.S., L Asparaginase: A Potential Therapeutic Enzyme., India Bio @ Bangalore Tech Summit held at 29th to 1st December 2018.
3. G Vijaya Kumar*, Trilok Chandran, Pushpa Agrawal and Thippa Reddy KS., Thermodynamic analysis of *Saccharomyces cerevisiae* catalysed fermentation of sugarcane juice., ICER-19, 10th International Congress of Environmental Research, 19-21 December, 2019, Organized by, Journal of Environmental Research And Development, HIG-1/8, Shivani Complex, 6 no. Stop, Shivaji nagar, Bhopal- 462016, India, In collaboration with : Adi Shankara Institute of Engineering & Technology, Kalady, Vidya Bharathi Nagar, Mattoor, Kalady, Ernakulam - 683574, Kerala, India ICER-027-T-O-19.
4. Trilokchandran. B*, Pushpa Agrawal, Vijayakumar.G & Thippareddy KS, "Antimicrobial effect of combined crude leaf extracts on selected pathogens" ICER-19, 10th International Congress of Environmental Research, 19-21 December, 2019, Organized by, Journal of Environmental Research And Development, Hig-1/8, Shivani Complex, 6 no. Stop, Shivaji nagar, Bhopal- 462016, India, In collaboration with : Adi Shankara Institute of Engineering & Technology, Kalady, Vidya Bharathi Nagar, Mattoor, Kalady, Ernakulam - 683574, Kerala, India ICER-030-PS-O-19.
5. Trilokchandran. B*, Vijayakumar.G, Sathya Suman & Thippareddy KS., "Binding capacity of A Nano Resin for protein purification applications", Bangalore-Tech-Summit at Bangalore palace, 18th to 20th November 2019.

Book Chapters:

1. *Chapter 21: Advanced Engineering Research and Applications*. “Clarification of fermentation broth by using membrane filtration system” Page 253-260, 2017. Research India Publications, New Delhi.

Interaction with outside world:

1. Organized, one day hands on work shop on “*In-vitro* and *In-silico* Biology”organised by RVCE and Bayer India Ltd on 25th January 2019 at RVCE, Bangalore.
2. Organized a Three day workshop on “Design of effluent treatment plants for Biochemical industries” at RVCE along with the industrial partners M/s K-Pack Systems(P) Ltd , Bangalore from 2-4th March 2017.

Awards:

1. Won first prize for essay writing competition held at RVCE on the topic” Sustainability Issues in Engineering Education in the Changing Scenario “organized by ISTE-RVCE Chapter 2019.
2. Won first prize for essay writing competition held at RVCE on the topic” Balancing personal life and professional life – challenges “organized by ISTE-RVCE Chapter 2017.

VTU- EDUSAT PROGRAMME:

1. Delivered lectures and Participated in the programme-14, for VI Semester B.E students, subject "Clinical Biotechnology" at e-learning centre, VTU Studio, Bangalore (Feb - May 2011).