



Dr. BIJI JOSE

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Educator with 9 years of experience in creating, collating, and delivering lessons. Passionate about teaching, life-long learning and looking to make an impact in the field of education.

CSIR/NET Qualified PhD in Neuroscience from NIMHANS.

SKILLS

- Strong Pedagogy Skills
- Collaboration & effective group work
- Management & Leadership
- Technology aided Lessons
- Formative & Summative Assessments
- MS Office, G-Suite, Video Creation tools

ACHIEVEMENTS

- India Finalist - Educational Video lesson talent search by Khan Academy
- Received JRF Scholarship from Council of Science and Industrial Research (CSIR) and Lectureship from University Grants Commission (UGC)
- Presented 2 papers at the Indian Academy of Neurosciences (IAN)

PROFESSIONAL EXPERIENCE

Senior Biology teacher (Indus International School) 2020- Till date

- Instructed and mentored students in IBDP and MYP programs (Grade 8-12).
- Designed and implemented engaging lessons tailored to IB curriculum and institutional requirements, fostering critical thinking and academic excellence.
- Guided students through the Extended essay process, providing individualized support and feedback to enhance research, writing and analytical skills.
- Utilized innovative teaching aids including simulations and virtual reality (VR) to create an immersive and interactive learning environment.
- Collaborated with lesson designers to develop inter-disciplinary approaches to teaching and learning incorporating cutting-edge technology for a modern and dynamic classroom.
- Implemented assessments, leveraging technology tools for evaluation and feedback, to monitor student progress and to adjust teaching accordingly.

Associate Faculty – ITARI 2019- 2020

- Instructed and mentored aspiring teachers in designing and delivering effective Science lessons.

Video Lessons Creator (Bio iScool – YouTube) 2017-2018

- Created and managed the YouTube channel Bio iScool, targeted at providing free video lessons for students in higher grades.
- Formulated dissections, analysis and guidance to students on how to tackle topics in the NEET (UG) Exam for admission to MBBS/BDS courses
- Developed expertise in technology aids such Adobe Premier Pro, Wacom, Green screen recording to create visually rich video lessons.

Academic Expert & Manager (BYJU'S) 2015-2017

- Led a team of experts in creating high quality personalized learning content for students of grades 11 and 12
- Created and reviewed scripts and storyboards for lesson video creation.
- Created and reviewed effective practice exercises and test resources
- Built curriculum knowledge graphs and mapped content for personalization.

EDUCATION

Post Graduate Diploma in International Education (PGDIE) 2018-2019
ITARI (in Association with Birmingham City University, UK)

PhD - Dept. of Biophysics 2009-2014
NIMHANS

Junior Research Fellow 2006-2009
NIMHANS

Master of Science, Biochemistry 2003-2005
Bangalore University