

Name of Faculty Dr. DIYA NARAYAN PANJWANI
 Designation Assistant Professor
 Nature of Job/Appointment Contract
 Date of Joining 14 - 11 - 2022
 E-mail diyanarayanpanjwani_english@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (English)	Awarded
PG	M.A (English Literature)	Distinction
UG	B. A. (English Literature)	Distinction

Work Experience

Teaching	03 Year
Research	05 years
Industry	--
Others	--
Area of Specialization	Children's Literature, Thematic Concerns in the Fictional Works of Ruskin Bond
Professional Memberships	ELTAI E21M00355
Responsibilities held at Institution Level	--
Responsibilities held at Department Level	<ol style="list-style-type: none"> 1. ISO Coordinator, 2. Department Website Coordinator 3. Session Chair in concept idea presentation in SUDHEE (CHEMSPARK 2K19) 4. Coordinators SUDHEE (CHEMSPARK-2K19) Rangoli, Flash Mob and Discipline Team 5. NIRF Coordinator 6. Class Teacher (3rd Year VI sem) 7. IICHE Coordinator
Research Guidance	UG Students (10 Nos.)
Awards Received	<ol style="list-style-type: none"> 1. M.P Chary Award 2020 in SCHEMCON on topic entitled Synthesis and Characterization of aromatic polymer blend membrane for fuel cell applications. 2. Best Paper Presentation Award in 2020 at Recent Advances in Chemical Engineering (RACE) International Conference organized at OU, Hyderabad, 2020. Topic entitled "Molecular Dynamics Analysis of Modified Polyethersulfone Membrane for Fuel Cell Applications". 3. Received the CIPET National award in 2018 for innovation of 'Inexpensive Ultrafine Hollow Fiber Membrane Module for Drinking Water Purification' by Shri M. Venkaiah Naidu at Centenary Auditorium, University of Madras, Chennai. 4. Received Gandhian Young Technology award in 2017 at Rashtrpathi Bhavan, New Delhi for "Design of Highly Efficient and Inexpensive Membrane Equipment as Import Substitutes for Demineralized Water Production". 5. Best Poster Presentation award in 2016 at International conference at Loyola Academy Degree and PG College, Hyderabad. Topic entitled "Synthesis and evaluation of polyvinyl chloride and poly Sulfone based composite electrolyte membranes for Direct Methanol Fuel Cell applications". 1. Received the CIPET National award in 2016 at FICCI, Federation House, Tansen Marg, New Delhi given by Shri

Ananth Kumar in the area of “Promoting Industrial Development and Societal Welfare through Innovative Membrane Technology”.

2. Received best publication award in 2015 at Chemical Engineering Science at CSIR IICT, Hyderabad. Topic entitled “Air Separation by Facilitated Transport of Oxygen through Pebax Membrane Incorporated with Cobalt Complex”.
3. Best Oral Presentation award in 2012 at National conference at Vasavi College Hyderabad 2012. Topic entitled “Synthesis and Characterization of Acid - Base Blend Membranes for Fuel Cell Applications”.

Courses Handled at Under Graduate / Post Graduate Level.

Mass Transfer Operations-I, Membrane Separation Technology, Polymer Science and Technology

No. of Papers Published

National Journals – Nil International Journals – 10

National Conference – 03 International Conference – 13

Projects Carried out

My research work is based on synthesis of proton conducting fuel cell membrane additionally I assist the Scientist in the following Industrial and Govt. funded sponsored projects especially in the area of water and wastewater treatment through membrane technology at CSIR-IICT.

1. Design and development of 5000L/h capacity Nanofiltration plant for the separation of chlorides from Tata Steel industrial effluent.
2. Development of Membrane and Adsorbent Technology Platform for Effective Separation of Gases & Liquids.
3. Deployment of Water Purification Plants in Rural Areas.
4. Designed the highly compact cost-effective RO/Nanofiltration system with varying capacities of 50-200 LPH for the small helmets.
5. Developed novel low-cost cascaded RO System for Production of Zero TDS Water for Biotech Industry and medical grade purpose to replace expensive, imported Millipore systems in 2016.

Patents

Worked as Team Member in the following Technology Transfer

Technology Transfer

1. Highly compact cost-effective RO/Nanofiltration system Technology Transfer with varying capacities of 50-200 LPH for the small helmets.
2. Novel low-cost cascaded RO System for Production of Zero TDS Water

Invited Speaker

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No. of Books/Chapter Published with details

Book chapters for MANNU university are in progress. Robert Frost

1. English Essays
2. Robert Frost

Details of Short-Term Training Programs / Faculty Development

1. Participated and successfully completed a three day online workshop conducted by AICTE on Examination Reform.
2. Participated and successfully completed Six day online FDP on “Task based English Language Teaching” on 26.09.2022
3. Participated in TOEFL workshop organized by ETS India Resource Centre on July 22, 2022.
4. Successfully completed one day teacher support programme by Lingua Skill Business am.gov.in), during the Jan-Apr 2020 Semester.

Details of Conferences (National and International) Journal Publications/

Published Research Papers:

1. Emotional Intelligence in Digital Age: Meaning Importance and Strategy
Journal Of Psychosocial Rehabilitation, Vol.24, Issue 08, 2020
2. Recollecting the Migration Memories of Ruskin Bond
Journal of Critical Reviews Vol 7 Issue 5, 2020
3. Celebration of Nature in Ruskin Bond's Writings
LangLit An International Peer-Reviewed Open Access Journal
Vol. 2 Issue 4, 72, May, 2016
Website: www.langlit.org
4. Autobiographical elements in Ruskin Bond's Writings
LangLit An International Peer-Reviewed Open Access Journal
Website: www.langlit.org
<https://www.scopus.com/authid/detail.uri?authorId=57216396777>

In process of publication:

1. Challenges and Implication of using Virtual Class Spaces in English Language Teaching –
2. Children's Stress Management during Covid 19 Lockdowns by Literary Voice Presently working on:
3. Cloud Learning application for Teaching English in India- Patents
4. Book chapter for Self Learning Material on English Essay and Road not Taken by Robert Frost for Maulana Azad National Urdu University Hyderabad.

Papers Presented in Conference:

1. Migration Memories of Rustin Bond, at Gitam university, Hyderabad. 06.01.2020
2. Emotional Intelligence in Digital Age: Meaning, Importance and Strategy, 8.2.2020
3. Abstract and PPT presented on Emotional Growth through Stories at CBIT Research Day. Sep. 2019
4. Participated in AICTE Examination Reforms 3 day Workshop, 10.12.2021
5. Participated in National Round Table Dissemination Conference on Implementation of OBE in Constructive alignment at organized by Christ university, 07.04.2022

Summary of Skills:

1. Planning, Preparing and delivering lessons to students
2. Research skills which can enrich any topic
3. Well aware of basic Computer Skills, conducted Virtual Classes during pandemic
4. Comfortable in operating Moodle and ERP and IQAC portals
5. Conducted Activity Based Classes and Outdoor training sessions at college level
6. Ability to inspire students for productive work.
7. Created podcast and YouTube videos on various themes.

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