


FACULTYPROFILE

Name of the Faculty:		YAZALI CHAITANYA				
Designation:		ASSISTANT PROFESSOR				
Department:		PHYSICS				
Date of Birth:		08-03-1980				
AICTE- ID:		1-1515271944				
Education		<ul style="list-style-type: none"> B.Sc in Physics from Acharya Nagarjuna University in 2001 M.Sc in Solid State Physics Specialization from Acharya Nagarjuna University in 2003 M.Phil in Crystal Growth specialization from Sardar Patel University 2006 				
Experience		Teaching: 19 Years		Total: 21 Years		
		Research: 2 Years				
Research Specialization		Crystal Growth Glass Science				
Courses taught		1. Applied Physics, Engineering Physics, Waves and Modern Physics, Advanced Optics and Material Testing & Semiconductor Physics and Nano materials				
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing SCI/WoS/ SCOPUS, Google scholar)
1	Monetization of Coma patient and Health prediction using machine learning	<i>Journal of Engineering Sciences</i>	march' 20	Vol 11, Issue 3	:275- 282	
2	Microstructural, Crystal Growth, EDAX, FTIR studies of ADP crystals prepared through aqueous solution method	<i>Journal of Xidian University</i>	May'2 0	VOLUM E 14, ISSUE 5,	127- 135	

3	Crystal Growth, Morphological, EDAX, FTIR studies of KDP crystals prepared through aqueous solution method	<i>Journal of Xidian University</i>	April'20	VOLUME 14, ISSUE 4,	402 – 408	
4	The influence of Cu ²⁺ ions on the ionic, electronic conductivity and optical characteristics of Li ₂ O-SrO-B ₂ O ₃ system	<i>J.Non. Crystalline solids</i>	October'21	volume 575	121210	Scopus -3.5
5	Impact of copper ions on physical, structural, spectroscopic, and dielectric properties of Bi ₂ O ₃ -CaO-P ₂ O ₅ -B ₂ O ₃ glasses	<i>Materials Chemistry and Physics</i>	<u>October 2022.</u>	<u>Volume 290, 15</u>	<u>126584</u>	Scopus- 4.778

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S.No.	Name of the event	Organized by	Dates
1	Advanced NDT Techniques & Applications in Industry	Department of Mechanical Engineering, QISCET, Ongole	25 th -29 th may'20
2	National level FDP on SCILAB	St.PETER's Engineering College and IIT BOMBAY	15 th -19 th June'20
3	Materials for Energy and Biomedical Applications	Department of Basic Science and Humanities, GMR Institute of Technology, Rajam	31st May - 04th June, 2021
4	Nano materials-Technologies for Energy & Sensor Applications	Chemistry Division, Department of Basic Sciences & Humanities, GMR Institute of Technology, Rajam	7th to 11th, June 2021
5	Online Teaching- Learning And Research Methodology	Govt. P. G. College, Bilaspur Rampur - Uttar Pradesh	July 18 - July 29, 2020
6	First International Virtual Conference On Nanomaterials, FIVCON-2020	Acharya Nagarjuna University	10th - 12th September, 2020
7	Inculcating Universal Human Values in Technical Education	AICTE	21-25 September, 2020

8	BASIC RESEARCH AND ANALYSIS IN NANOSCIENCE	Acharya Nagarjuna University	18 th & 19 th March, 2021
9	Two weeks international workshop on Emerging trends in the field of Science and Technology	Satyabhama Institute of Science and Technology	16 th -28 th August,2021
10	Novel Nanomaterials-based Flexible and Wearable Devices for Healthcare Applications	VIT	5 th -9 th July.2021
11	Outcome Based Education and Examination Reforms (OBE & ER - 2022)	BAPTLA ENGINEERING COLLEGE	03 rd -5th August 2022
12	Outcome Based Curriculum Design	NITTTR, Chandigarh	5 th -9 th September,2022
13	Two day Workshop on RESEARCH METHODOLOGIES AND SCIENTIFIC PUBLISHING	BAPTLA ENGINEERING COLLEGE	28 th -29 th October,2022
14	Nanomaterials For Sustainable Future	Physics Division, Department of Basic Science and Humanities, GMR Institute of Technology, Rajam	12th - 16th December, 2022
15	Preparing Students for the Placements - Resume, GD and Interview	NITTTR, Chandigarh	17 th -21 st July 2023
16	Soft Skills and Classroom Teaching	NITTTR, Chandigarh	16 th -20 th October 2023
17	AI Tools for Educators in line with OBE	BAPATLA ENGINEERING COLLEGE, BAPATLA	20 th -25 th November 2023
18	Education and Educational Management Department	NITTTR, Chandigarh	07 th -11 th October 2024
19	Curriculum Design and Implementation	NITTTR, Chandigarh	18 th -22 nd November 2024
20	Methods of research and publication ethics	NITTTR, Chandigarh	17 th -21 st February 2025
21	Integrating AI for Innovative Teaching Strategies in Higher Education	E&ICT Academy IIT Guwahati	16 th - 20 th June, 2025
22	The Role of Industry 4.0 in Civil Engineering for Future Construction	AICTE Training And Learning (ATAL) Academy Faculty Development Program	18-23 August 2025
23	Familiarisation workshop on quantum computing	IISC, Bengaluru	22-26 September 2025

Administrative experience

S.No.	Role	Duration (From - to)
1	Department CCA Coordinator	2012 to 2024
2	Department library incharge	2012 to till 2025
3	Department Question paper incharge	2020 to 2025
4	Department BOS Co-Ordinator	2020 till date
4	SPNM Subject Coordinator	2023 till date
5	I.B.Tech. Civil-A students Mentor	2021-2022
6	I.B.Tech. ECE-B students Mentor	2022-2023
7	I.B.Tech. ECE-C students Mentor	2023-2024
8	I.B.Tech. Mechanical students Coordinator & Mentor	2024-2025
	I.B.Tech. ECE-D students Coordinator & Mentor	2025-2026

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?user=DbapqjkAAAAJ&hl=en&oi=sra
SCOPUS	57291240800
Web of Science	HHS-8878-2022
Vidwan ID	510012

Any other relevant information

Y.Chaitanya
28-02-2026