


## FACULTYPROFILE

Name of the Faculty:	<b>YAZALI CHAITANYA</b>					
Designation:	<b>ASSISTANT PROFESSOR</b>					
Department:	<b>PHYSICS</b>					
Date of Birth:	<b>08-03-1980</b>					
AICTE- ID:	<b>1-1515271944</b>					
<b>Education</b>	<ul style="list-style-type: none"> <li>B.Sc in Physics from Acharya Nagarjuna University in 2001</li> <li>M.Sc in Solid State Physics Specialization from Acharya Nagarjuna University in 2003</li> <li>M.Phil in Crystal Growth specialization from Sardar Patel University 2006</li> </ul>					
<b>Experience</b>	Teaching: 17 Years	<b>Total: 19 Years</b>				
	Research: 2 Years					
<b>Research Specialization</b>	<b>Crystal Growth</b> <b>Glass Science</b>					
<b>Courses taught</b>	<b>1. Applied Physics, Engineering Physics, Waves and Modern Physics, Advanced Optics and Matereial Testing &amp; Semiconductor Physics and Nano materials</b>					
<b>Research contributions</b>						
<b>International/national peer reviewed journals</b>						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/SCOPUS, Google scholar)
<b>1</b>	Monetization of Coma patient and Health prediction using machine learning	<i>Journal of Engineering Sciences</i>	<b>march' 20</b>	Vol 11, Issue 3	:275-282	
<b>2</b>	Microstructural, Crystal Growth, EDAX, FTIR studies of ADP	<i>Journal of Xidian University</i>	May'20	VOLUME 14, ISSUE	<b>127-135</b>	

	crystals prepared through aqueous solution method			5,		
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 <sup>2+</sup> ions on the ionic, electronic conductivity and optical characteristics of Li <sub>2</sub> O-SrO-B <sub>2</sub> O <sub>3</sub> system	<i>J.Non. Crystalline solids</i>	October'21	volume 575	121210	<b>Scopus -3.5</b>
5	Impact of copper ions on physical, structural, spectroscopic, and dielectric properties of Bi <sub>2</sub> O <sub>3</sub> -CaO-P <sub>2</sub> O <sub>5</sub> -B <sub>2</sub> O <sub>3</sub> glasses	<i>Materials Chemistry and Physics</i>	<u>October 2022,</u>	<u>Volume 290, 15</u>	<u>126584</u>	<b>Scopus- 4.778</b>

#### 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 <sup>th</sup> -29 <sup>th</sup> may'20
2	National level FDP on SCILAB	St.PETER's Engineering College and IIT BOMBAY	15 <sup>th</sup> -19 <sup>th</sup> 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	AICTE	21-25 September,

	Universal Human Values in Technical Education		2020
8	BASIC RESEARCH AND ANALYSIS IN NANOSCIENCE	Acharya Nagarjuna University	18 <sup>th</sup> & 19 <sup>th</sup> March, 2021
9	Two weeks international workshop on Emerging trends in the field of Science and Technology	Satyabhama Institute of Science and Technology	16 <sup>th</sup> -28 <sup>th</sup> August,2021
10	Novel Nanomaterials-based Flexible and Wearable Devices for Healthcare Applications	VIT	5 <sup>th</sup> -9 <sup>th</sup> July.2021
11	Outcome Based Education and Examination Reforms (OBE & ER - 2022)	BAPTLA ENGINEERING COLLEGE	03 <sup>rd</sup> -5 <sup>th</sup> August 2022
12	Outcome Based Curriculum Design	NITTTR, Chandigarh	5 <sup>th</sup> -9 <sup>th</sup> September,2022
13	Two day Workshop on RESEARCH METHODOLOGIES AND SCIENTIFIC PUBLISHING	BAPTLA ENGINEERING COLLEGE	28 <sup>th</sup> -29 <sup>th</sup> 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 <sup>th</sup> -21 <sup>st</sup> July 2023
16	Soft Skills and Classroom Teaching	NITTTR, Chandigarh	16 <sup>th</sup> -20 <sup>th</sup> October 2023
17	AI Tools for Educators in line with OBE	BAPATLA ENGINEERING COLLEGE, BAPATLA	20 <sup>th</sup> -25 <sup>th</sup> November 2023

#### Administrative experience

S.No.	Role	Duration (From – to)
1	Department CCA Co-Ordinator	2012 to till date
2	Department library Co-Ordinator	2012 to till date
3	Department Examimnatin Co-Ordinator	2020 to till date
4	Department BOS Co-Ordinator	2020 till date
5	I.B.Tech. Civil-A students Mentor	2021-2022
6	I.B.Tech. ECE-B students	2022-2023

	Mentor	
7	I.B.Tech. ECE-C students Mentor	2023-2024

**Research credentials**

<b>Index/database</b>	<b>ID/Link</b>
Google Scholar	<a href="https://scholar.google.com/citations?user=DbappjkAAAAJ&amp;hl=en&amp;oi=sra">https://scholar.google.com/citations?user=DbappjkAAAAJ&amp;hl=en&amp;oi=sra</a>
SCOPUS	57291240800
Web of Science	
Vidwan ID	

**Any other relevant information**

Y.Chaitanya  
18-02-2024