


## Faculty Profile

A1	Personal Details	
<b>B INDUMATHI, M.Sc., M.Phil.</b>		
Assistant Professor in Physics		
Department of Science And Humanities (Mechanical)		
Knowledge Institute of Technology, Salem - 637 504. India.		
Ph: +91 - 427 – 2433900		
Email id: <a href="mailto:biphy@kiot.ac.in">biphy@kiot.ac.in</a>		

A2	Areas of Interest
	Laser

A3	Subjects Taught	
	UG	PG
	Engineering Physics	
	Materials Science	
	Physics for Information Science	
	Physics for Electronics Engineering	
	Engineering Physics I	
	Engineering Physics II	
	Physics Laboratory I	
	Physics Laboratory II	

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
M.Phil.	Physics	PGP College of Arts and Science	Periyar University	Sep 2010
M.Sc.	Physics	PGP College of Arts and Science	Periyar University	April 2007
B.Sc.	Chemistry / Physics	Avinashilingam Deemed University	Deemed University	May 2005

A5		Work Experience as on 28 March 2023					
Name of the Institution		Position		From		To	
Knowledge Institute of Technology, Salem		Assistant Professor		17.06.2013		Present	
Gnanamani College of Engineering		Assistant Professor		26.05.2011		04.06.2013	
Bharathiyar Institute of Engineering and Technology		Lecturer		31.08.2009		11.05.2011	
Vivekanandha College of Women		Lecturer		14.06.2007		18.06.2008	
<b>Total Experience</b>	14.5 Years	<b>Teaching</b>	14.5 Years	<b>Research</b>	-	<b>Administration</b>	-

A7		Memberships in Professional Bodies	
S.No.	Name of the Professional Body		
1	Indian Society for Technical Education (ISTE)		

A8		Training Programmes Attended	
1	Participated in one day Seminar on “Awareness of Cyber attacks and Cyber Security” on 28.03.2022 organized by K.Ramakrishna College of Engineering, Trichy.		
2	Participated One week International FDP on “Big Data Analytics” from 07 <sup>th</sup> to 15 <sup>th</sup> February 2022 organized by Ethiraj College for Women		
3	Participated International webinar on “Empowerment of Research Culture for Female Teachers” organized by Women Empowerment Cell (WEC) of Mahendra College of Engineering in collaboration with Institution’s Innovation Council on 22 <sup>nd</sup> January 2022.		
4	Participated Part 1 of the online UHV Refresher 1 FDP organized by All India Council for Technical Education (AICTE) from 30 August, 2021 to 3 September, 2021.		
5	Participated 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 19 April, 2021 to 23 April, 2021.		
6	Participated AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things(IOT)" from 2021-02-10 to 2021-02-05 at Knowledge Institute of Technology, Salem.		
7	Participated AICTE Training And Learning (ATAL) Academy Online FDP on "Photonics" from 2020-10-19 to 2020-10-23 at Govt. Model Engineering College, Ernakulam.		

8	Participated AICTE Training And Learning (ATAL) Academy Online FDP on "Leadership & Excellence" from 2020-9-25 to 2020-9-29 at ALAGAPPA UNIVERSITY.
9	Participated in International Online FDP " <i>DIGITAL TOOLS FOR RESEARCHERS AND ICT ONLINE TOOLS IN TEACHING</i> " from 20th July to 24th July 2020 organized by Hindusthan College of Arts and Science, Coimbatore, Tamilnadu
10	Participating in the one week AICTE sponsored online Short Term Training Programme (STTP) on "Smart Materials for Intelligent Future: Industrial and Defence Perspective" organized by Department of Mechanical Engineering K.S.Rangasamy College of Technology, Tiruchengode during August 17-22, 2020
11	'Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop' on 16 May 2020 was organised by the Teaching Learning Centre (ICT) at IIT Bombay
12	FDP on developing Thinking Abilities Relevant for Engineering Education conducted by FACE on 28.04.2020
13	Participated in the LaTeX training organized at D.K.M. College for Women in January 2020
14	Participated Webinar on "Foundation of Vedic Mathematics" conducted by Dr.K,Indirani, State President, Shiksha Sanskriti Utthan Niyas (SSUN), Tamilnadu on 22 <sup>th</sup> , 24 <sup>th</sup> and 24 <sup>th</sup> April 2020
15	One Day Training Programme for RRC Programme officers and Student Volunteers Sponsored by TANSACS conducted by Red Ribbon Club of Anna University /regional Campus, Coimbatore on 24.03.2018
16	Language Enhancement class conducted by the Department of English as part of Communication club(Panacea) in the month of July 2017
17	ISTE STTP on Electric Power System Conducted by Indian Institute of Technology, Kharagpur held during 12 June to 15 July 2017
18	International Conference on Advances in Metallurgy, Materials and Manufacturing sponsored by TEQIP-II organised by GCE, Salem during March 6 to March 8 2017
19	Two week ISTE STTP on Engineering Physics conducted by Indian Institute of Technology, Bombay through ICT MHRD from December 08 to 18, 2015
20	TEQIP – II Sponsored workshop on Physics in Engineering organised by the Department of Physics during November 5 - 6, 2015
21	Faculty Development Program held at American University of India , Kodaikanal from 20 to 22 May 2015
22	Two week ISTE Workshop on Fluid Mechanics conducted by Indian Institute of Technology, Kharagpur through ICT MHRD from 20 to 30 May, 2014
23	Engineering Faculty Workshop conducted at Knowledge Institute of Technology, Salem through Mission 10X from 23 to 25 September 2013

<b>A9</b>	<b>Awards</b>
1.	Academic Excellence (2016 – 2017) for scoring 98% Result in the Subject Engineering Physics – I
2.	Academic Excellence (2016 – 2017) for scoring 100% Result in the Subject Engineering Physics - I

3.	Academic Excellence (2015 – 2016) for scoring 98% Result in the Subject Engineering Physics - I
4.	Academic Excellence (2015 – 2016) for scoring 98% Result in the Subject Engineering Physics - I
5.	Academic Excellence (2014 – 2015) for scoring 96% Result in the Subject Engineering Physics - II
6.	Academic Excellence (2014 – 2015) for scoring 96% Result in the Subject Engineering Physics - II