




ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTU Kakinada)

Accredited by NAAC & An ISO 9001:2015 Certified Institution

ITI Road, ALC Campus, VIJAYAWADA - 520 008 :: Website : www.aliet.ac.in :: Ph : 0866 - 2476161

FACULTY PROFILE

Name of the Faculty	S.P.V.N.D SUMALATHA	
Designation	Assistant Professor of Mathematics	
Department	Science & Humanities	Date of Birth 05/10/1980
Date of Joining the Institution	18-09-2008	Native place Vijayawada Andhra Pradesh, India
Academic Qualification with Class/Grade	<ul style="list-style-type: none">• Pursing Ph.D in Fluid Mechanics• M. Phil., from Madurai kamraj University , with 62% , in 2007.• M. Sc. from P.B.Siddhartha Arts and Science College, (Gold Medalist) with 78%, 2003.• B.A. (Maths and Statistics) from Satavahana Ladies College with distinction in 2001- 87%	
	<ul style="list-style-type: none">• Nptel Online course – R Programming – IIT Kanpur– 80%	
Professional Qualification	Certified as a Proact Digital Teacher from Loyola Institute of Business Management- (LIBA) June 2020.	
Employee ID	ALIET-08-05	
E-mail / Mobile	sumasampada@yahoo.co.in sumalatha@andhraloyola.org@gmail.com 8106035982/8328553011	

Total Experience in Years	Teaching: 17 years	Research: 8
Papers Published in Journals -	International -3	UGC – 1
Faculty Development Programmes attended:	10	
Papers presented in Conferences/ attended	National: 4	International: 4 / Workshops: 4
Subjects handled for Post Graduate Students: (M.Sc. Mathematics) ie. from 2003 - 2008	<ul style="list-style-type: none"> • Complex Analysis • ODE and PDE • Measure and Integration • Real analysis • Operations Research 	
Subjects handled for B. Tech 1 st year Students: CSE, ECE, Mech, IT, EEE, Civil 2008 to present	<ul style="list-style-type: none"> • Engineering Mathematics-1 • Mathematical Methods/M-2 • Engineering Mathematics-3 • Mathematical Foundations of Computer Science • Mathematical Optimization • Probability and Statistics • Complex variables and statistical Methods 	
Conferences/ Seminars / Workshops / FDP Organised @ ALIET	<ul style="list-style-type: none"> • Our Department Organized National seminar on “Applications of Mathematics in Engineering” 	
Any Other Achievements	<ul style="list-style-type: none"> • Diploma in Computers • Type writing Higher 	
Other Responsibilities	<ul style="list-style-type: none"> • Member in Exam cell for 4years • Assistant coordinator of cultural committee- 7yrs • Cultural Coordinator – 4yrs 	
Whether Ratified by University (Yes/No)	YES	

Faculty Development Programmes attended: 2020

1. Attended **Faculty Development Programme on Mentoring Skills** conducted by Maris Stella College 1st June – 3rd June 2020.
2. Attended **Faculty Development Programme** on “**The Seven Habits of Highly Effective People by Stephen Covey**” organized by Veltech Ranga Sanku Arts College, Chennai on 26th May 2020.
3. Attended **Faculty Development Programme on Improving Your Research Visibility** conducted by Velalar College of Engineering and Technology, Chennai 11th May to 13th May 2020
4. Attended **Faculty Development Programme** on “**Internet of Things**” conducted by

APSSDC 18th May - 30th May 2020.

5. Attended **Faculty Development Programme** on “Mathematical and Statistical Modelling” conducted Godavari Institute of Engineering and Technology, 26th May – 30th May 2020
6. Attended **Faculty Development Programme** on “Tools for Online Classroom Post Covid -19” conducted by P.B.Siddhartha College of Arts and Science, 18th May to 20th May 2020.

Online Webinars Attended: 2020

1. Attended **Online Webinar** on “Applications of Linear Algebra in Computer Science” conducted by Bhavan’s Vivekananda College - Secunderabad on 23rd May 2020.
2. Attended **online webinar** on “Fluid Dynamics and its Applications”, conducted by **Government First Grade College, Bengaluru, Karnataka** on May 28th 2020 to 29th May 2020.
3. Attended **online Course** on “ Operations Research” conducted by Virudhunagar Hindu Nadars Senthikumara Nadar College, Tamilnadu on 18th May – 20th May 2020.
4. Attended **online webinar** on International Webinar on Mathematics: Tracing of Curve conducted by Bharathi Vidyapeeth’s College of Engineering Lavale, Pune on 9th May 2020.
5. Attended **online webinar** on **Holistic Health Through Yoga** conducted by P.B.Siddhartha College of Arts and Science, Vijayawada on 1st June – 2nd June 2020.
6. Attended **online workshop** on **Moodle: An online E-Learning Platform** conducted by Chameli Devi Group of Institutions, Indore on 30th May 2020.

Online Quiz Programme attended: 2020

1. Online quiz on **National Level Online Quiz on “Research Methodology and Covid-19”** conducted by **Sphoorthy Engineering College**.
2. Online quiz on **The Eve of National Statistical Day , 27th June 2020** - 50%.
3. Online quiz on **Programme on Basics of Probability and Statistics** conducted by Vaagdevi Institute of Technology and Science, 22nd June 2020 - 100%.
4. Online **quiz on Mathematics and Aptitude** conducted by ALIET. 17th June 2020 - 65%
5. **Quiz on Promotion on Indian Brands due to Covid-19** conducted by KBN College
6. **Quiz on Reasoning and Aptitude** conducted by Srinivasa Institute of Technology and Management studies
7. Online quiz on The constitutional spirit-Indian Citizen Conducted by ALC
8. National Level E-quiz on Mathematics and Covid -19 conducted by St.Joseph’s college for women

PARTICIPATED /ATTENDED/CONDUCTED SEMINARS AND WORKSHOPS

S.NO.	NAME OF THE INSTITUTE/ORGANISATION	SEMINAR/WORKSHOP	DATE	ATTENDED/CONDUCTED/ PRESENTED	TOPICS
1.	VIGNAN'S	REFRESHER COURSE IN MATHEMATICS FOR POST GRADUATE TEACHERS	9 TH AND 10 TH DECEMBER 2004	ATTENDED	MEASURE AND INTEGRATION & ANALYSIS-II
2.	JAWAHARLAL NEHRU TECHNOLOGY UNIVERSITY KAKIDNA , KAKINADA	NATIONAL CONFERENCE	23 RD AND 24 TH MAY 2014	ATTENDED	EMERGING TRENDS IN MATHEMATICAL SCIENCES AND ENGINEERING APPLICATIONS(etmse-2014)
3.	GUDLAVALLERU ENGINEERING COLLEGE, GUDLAVALLERU	WORKSHOP	11 TH AND 13 TH AUGUST 2011	ATTENDED	SCOPE OF SCIENCES AND MATHS IN ENGINEERING
4.	SRI VASAVI INSTITUTE OF ENGINEERING AND TECHNOLOGY	TWODAY WORKSHOP	19 TH AND 20 TH JAN 2014	ATTENDED	RECENT TRENDS IN FLUID MECHANICS AND NUMERICAL TECHNIQUES
5.	ACHARYA NAGARJUNA UNIVERSITY	NATIONAL SEMINAR	5 TH AND 6 TH JAN 2006	ATTENDED	ALGEBRA AND ITS APPLICATIONS
6.	K.B.N PG COLLEGE	WORKSHOP	11 TH AND 12 TH NOV 2006	PARTICIPATED	CREATIVITY FOR TEACHING
7.	ANDHRA LOYOLA INSTITUTE OF ENG. AND TECH.,VIJAYAWADA	EMPOWER PROGRAMME	8 TH TO 15 TH FEB 2012	PARTICIPATED	AMONG TRIBAL PEOPLE IN K.D. PETA
8.	ANDHRA LOYOLA COLLEGE(AUTONOMOUS), VIJAYAWADA	NATIONAL SEMINAR	12 TH FEB 2016	PARTICIPATED	RECENT ADVANCES IN MATHEMATICAL SCIENCES
9.	ANDHRA LOYOLA INSTITUTE OF ENG. AND TECH.,VIJAYAWADA	ORIENTATION PROGRAMME	6 TH JUNE 2016	PARTICIPATED	NBA
10.	POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENG. AND TECH	TWO DAY NATIONAL SEMINAR	23 RD & 24 TH SEP, 2016	PARTICIPATED	RECENT DEVELOPMENTS IN ENGINEERING SCIENCE AND ITS COMPUTATIONAL APPLICATIONS-2016
11.	ST.JOSEPH'S COLLEGE FOR WOMEN (AUTONOMOUS)	TWO DAY NATIONAL CONFERENCE	17 TH AND 18 TH NOV, 2016	PARTICIPATED	RECENT ADVANCES IN MATHEMATICS AND ITS APPLICATIONS-2016
12.	ANDHRA LOYOLA COLLEGE(AUTONOMOUS), VIJAYAWADA	A TWO-DAY UGC SPONSORED NATIONAL CONFERENCE	14 TH AND 15 TH JULY 2017	PARTICIPATED	MODERN TRENDS IN PURE MATHEMATICS

PAPERS PRESENTED/PUBLISHED

S.NO.	NAME OF THE JOURNAL	PAPERS PUBLISHED/PRESENTATION	TOPIC	DATE
1.	INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGIES AND APPLICATIONS IN ENGINEERING, TEHCNOLOGY AND SCIENCES (IJ-ETA-ETS)	PUBLISHED	INFLUNECE OF CRITICAL PARAMETERS ON FLOW PAST A SEMI INFINITE VERTICAL PLATE	VOL 7,ISSUE 1 JAN 2014 – JUNE 2014
2.	INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGIES AND APPLICATIONS IN ENGINEERING, TEHCNOLOGY AND SCIENCES (IJ-ETA-ETS)	PUBLISHED	UNSTEADY STATE MHD FLOW IN AN INCLINED POROUS CHANNEL WITH EXPONENTIALLY DECREASING SECTION	VOL 8: ISSUE 1 JAN 15 –JUNE 15
3.	INTERNATIONAL JOURNAL OF ADVANCES IN SCIENCE AND TECHNOLOGY(IJAST)	PUBLISHED	HEAT AND MASS TRANSFER FLOW PAST A SEMI INFINITE PLATE EMBEDDED IN POROUS MEDIA	VOL 10,NUMBR 5 MAY 2015 ISSUE
4.	INTERNATIONAL JOURNAL OF MANAGEMENT TECHNOLOGY AND ENGINEERING	PUBLISHED	ECOLOGICAL CONCERN IN MATHEMATICAL PERSPECTIVE	VOL -9 ISSUE – 8 AUGUST 2019