

Name : Mrs. P. Jyothi
Designation : Assistant Professor
Department : CSE
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Experience (in years): Teaching: 8Y 5M Research: 5Y Others(if any, specify): Industry:3 Years

AICTE ID : 1-7365962901
DOB : 05.06.1982

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	B. E	2003	CSE
2.	M.Tech.	2013	CSE(CS)
3	Ph.D	Pursuing	CSE

2. Teaching and Learning:

2.1. Teaching Interests: Operating Systems, Artificial Intelligence, Neural Networks and Deep Learning, Data Analytics, Computer Networks, Introduction to Analytics, Database Management Systems, Distributed Operating Systems, Mobile Adhoc Networks.

2.2. Novel Teaching & Learning Techniques adopted: Blooms Taxonomy, WIT & WIL, PPT's, online mode of Teaching

2.3. Involvement in curriculum updating / Design: Design of Data Analytics syllabus, Updating the Operating Systems syllabus for CSBS

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- Counseling students who are lagging in academics and the students who deviated from growth in carrier
- Motivate students who have less confidence on them to improve their confidence levels.
- Interest to learn New Technologies and activities
- Played role as Soft skills Coordinator for all B.Tech CSE Students
- Browsing internet and Reading Books.
- Motivate students to involve in all activities and encourage them to participate in paper presentation to improve their skills

3.2. CCA/ECA Organized:

- Acted as organizer for Certificate Design and Distribution committee in International Sports Fest 2022 of VNRVJIET on 01.06.2022 to 02.06.2022
- Acted as Resource Person during International Day of Yoga celebrated at VNRVJIET on 21.06.2022
- Appointed as Sports Committee Member for AY 2022-2023

3.3. CCA/ECA participated:

- Participated in Women's Day Celebrations at VNRVJIET

- Certificate of completion on “Journey of Self Discovery” E-course organized by Hare Krishna Golden Temple

3.4. Counseling and Mentoring Activity: Counseling and Mentoring of CSE and CSBS Students

3.5. Committees involved in:

Department level:

Monthly Report Maintenance of CSE Dept., GC Meeting Report of CSE Dept., PG NBA file (Programme Academic Committee and PO's ,PEO's, Vision and Mission file), UG NBA Criteria1 (NBA past visits and Corresponding Remedial Action) file preparator , Acting as Incharge to Vignanavartha of VNRVJIET on behalf of CSE Dept. , International Conference of ICACECS-2022 & 2023 International Publication Team Incharge Aug 11th and 12th 2022, ICACECS-2022 & 2023 Registration Committee Incharge

Institute Level:

Admissions SPOC of CSE Dept. on AY 2021-2022, Tata Strive Google Scholarship certification course as SPOC from VNRVJIET, Admission SPOC of CSBS on AY 2022-23 & AY 2023-2024

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted

- Received Certificate of Appreciation, Served as a Session Chair at 12th Project Innovation Contest, in conjunction with the 19th ICDCIT-2023 held during January 18-22, 2023 Organized at Kalinga Institute of Industrial Technology, Deemed to be University, Bhubaneswar, India
- Industry Orientation Session for Batch II on “Tata Strive Google Scholarship certification course” through google meet on 19.11.2022 acted as Resource Person along with Mr. Mr. Subodh Jadhav, Senior ,Relationship Executive, Tata STRIVE | Tata Community Initiatives Trust
- Coordinator for Guest Lecture on “Optimization Techniques-Neural Networks” 29.11.2022 by Dr. Shiv Ram Dubey, Asst. Prof., Dept. of IT, IIIT Allahabad.
- Nominated as Registration Committee Incharge for ICACECS 2022 International Conference organized by CSE Dept., VNRVJIET on 11th and 12th August 2022
- Nominated as International Publicity committee Incharge in ICACECS 2022 International Conference organized by CSE Dept., VNRVJIET on 11th and 12th August 2022
- Acted as Proctor Coordinator for 10 Days (23.10.2021 to 01.11.2021) online Global FDP on “Android App Development using JAVA” jointly organized by IIT Guwahati, MNIT Jaipur, NIT Patna & PDPM IIITDM Jabalpur in collaboration of VNRVJIET
- Nominated as Internal Evaluator for the National Level VJHackathon program Organized by CSE Dept., VNRVJIET on 29th to 30th of October 2021
- Two Day workshop on “Oracle DataBase”
- Convener for Poster Design Competition on Youth Day Celebrations

- Acted as Resource Person for 14days Webinar “Operating Systems Overview & Implementation” on 22.07.2020 to 07.08.2020

4.2. Attended

- Participated with Mini Project batch on “**Sentiment Analysis of Twitter Data**” at 12th Project Innovation Contest, in conjunction with the 19th ICDCIT-2023 held during January 18-22,2023 Organized at Kalinga Institute of Industrial Technology, Deemed to be University, Bhubaneswar, India
- Participated Two weeks(40 hours) FDP on “MATLAB Programming”, jointly organized by the Electronics and ICT Academies at MNIT Jaipur, NIT Patna and PDPM IITDM Jabalpur during August 22-September 02, 2022
- Participated in 12 days FDP “Matlab Programming” jointly organized by MNIT Jaipur, NIT & PDPM IITDM Jabalpur during 22.08.2022 to 02.09.2022
- Participated in 10 days FDP “Research challenges and hands on practice in Data Analytics & AI” organized by CSE Dept., VNRVJIET in collaboration with NIT Warangal under the scheme of Electronics ICT Academy during 21.07.2022 to 31.07.2022
- Participated in one week FDP on “Data Analytical Tools & Python Framework” organized by CSE Dept., VNRVJIET during 11.05.2022 to 17.05.2022
- Participated in 7 days Online FDP on ‘Machine Learning Application in Signal Processing and Communication Engineering’ organized by Electronics & ICT Academy NIT Patna on 03.01.2022 to 08.01.2022
- Participated in AICTE-ISTE approved Orientation programme on “ Machine Learning using R” program held during 22.04.2021 to 28.04.2021 organized by Jyothishmathi Institute of Technology and science
- Participated in one week National level workshop on React JS from 05.07.2021 to 10.07.2021 organized by AVIT in association with Brain O Vision India Pvt. Ltd and National Youth Counsel of India.
- Competed Self-paced training course MATLAB Onramp on 10.05.2021
- Completed Coursera course on “AI for Everyone” on 20.08.2020
- Participated in Tableau for Data Visualization virtual training program held from 26.10.2020 to 30.10.2020 organized by EXCELR
- Participated in Android Development with kotlin Train the Trainer Program from 31.08.2020 to 05.09.2020
- Participated in FDP “Python 3.4.3” training facility provided by IIT Bombay Spoken Tutorial from 14.09.2020 to 19.09.2020
- Participated in FDP on “Machine Learning” organized by NPTEL duration Feb-April 2020.

- Participated in FDP “Machine Learning for Computer Vision 2021” organized by IIT Guwahati, IIT Kanpur, MNIT Jaipur, NIT Patna during 01.02.2021 to 12.02.2021
- Participated in FDP ”Simplifying Artificial Intelligence and Deep Learning for students and Professionals” virtual training program held from 13.10.2020 to 23.10.2020 organized by EXCELR
- Participated in FDP ”Python for Data Science” virtual training program held from 21.09.2020 to 25.09.2020 organized by EXCELR
- Participated in the National Seminar on Recent Trends in “Networking And Security” organized by Dept. of CSE, JNTUACE, Anantapuramu.
- Participated in the Five day Faculty development programme in “Database Design and Programming with SQL” professional development course on 09 March 2018 at JNTUACEA in collaboration with ORACLE ACADEMY.
- Participated in two day Faculty development programme in “programming in C and Data Structures “organized by Dept. of CSE, JNTUACE, Anantapuramu on 25&26th March 2015
- Course completion in “CLOUD COMPUTING “ online NPTEL
- Course completion in “Database Management systems “ online NPTEL
- Participated in workshop “Technology Enhanced Learning through NMEICT-Implementation of Spoken Tutorial Project”, IIT Bombay on 10-07-2014 at JNTUACEA.
- Participated in Internet Of Things(IOT) workshop by OHD Training & Development program conducted at PVKK Institute Of Technology, Anantapuramu on 23-01-2017 to 25-01-2017
- Participated in one day workshop on “Cyber Security” on 08-10-2015 at JNTUACEA
- Participated in workshop “SCILAB” organized by JNTUH conducted through IIT Bombay.
- Participated 1 Week FDP on Artificial Intelligence Machine Learning, IoT, Python for Machine Learning.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Acted as Resource Person for 14days Webinar “Operating Systems Overview & Implementation” on 22.07.2020 to 07.08.2020

5.2. Articles/Chapters published in Books: 3

5.3. Books published as single author or as editor: NIL

5.4. Projects Guided:

a) UG: 15

b) PG: 4

5.5. Research Interests: Artificial Intelligence, Machine Learning, Deep Learning

5.6. Ph.D students:

a) Enrolled: Nil

b) Submitted: Nil

c) Awarded: Nil

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ ISSN No.	Impact Factor/ Citation Index	National/ International
1.	AI – based Screening System for COVID-19 on 20.07.2022	IEEE 7 th International Conference <u>AI-based Screening System for COVID-19 IEEE Conference Publication IEEE Xplore</u>	978-1-6654-2167-6		International
2.	A Survey on Detection of ADHD using FMRI and EEG Scans in Deep Learning Dec 2021	Design Engineering	0011-9342		International, Scopus Indexed
3.	Review on Cardiac Arrhythmia through Segmentation Approaches in Deep Learning	Advances in Intelligent Systems and Computing	ISBN 978-981-33-6175-1		International
4.	Acoustic Characteristics Heart Sounds S1 and S2 of single level Auto encoder with DNN	Machine Learning Technologies and Applications, Algorithms for Intelligent Systems	ISBN 978-981-334-046-6		International
5.	Survey on Trust scheme management in cloud computing	IJASTEMS, Volume No. 02, Special Issue	ISSN-2454-356X	-	International
6.	Efficient Technique to optimize cloud storage in multi-tenant environment	International Journal of Computer Engineering In Research Trends,	ISSN (O): 2349-7084	-	International

		volume 3, Issue 1 on 25-01-2016			
7.	Attribute based encryption and decryption technique	International Journal of Computer Applications Volume 132-No 5	ISSN:0975 – 8887	-	International
8.	Throughput Maximization using novel networks	International Journal of Electronics and Computer Science Engineering	ISSN :2277-1956	-	International

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1.	AI based Screening System for COVID-19 June 2022	7 th International Conference for Convergence in Technology, IEEE BOMBAY SECTION	International	3
2.	Review on Cardiac Arrhythmia through Segmentation Approaches in Deep Learning	Intelligent and Smart Computing in Data Analytics 2020	International	2
3.	Acoustic Characteristics Heart Sounds S1 and S2 of single level Auto encoder with DNN	Machine Learning Technologies and Applications, Algorithms for Intelligent Systems 2020	International	2
4.	Classification of Normal /Abnormal heart sound recording through Convolution Neural Network through integration of baseline and Adaboost classifier	Computational and Bio Engineering 2020	International	2
5.	Analyzation of cyber security techniques in cloud computing issues	UGC Sponsored National Level Conference NCADT-2017	National	2
6.	Survey on Trust scheme management in cloud computing	National Conference on ICT Empowered Teaching	National	2

7.	A Clustered Hybrid Authentication Protocol for Multicast Adhoc Networks	IEEE Conference	International	2
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5.9. Sponsored research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
1.					
2.					
3.					

6. Awards / Honors received:

- Indian Patent Application Published on “Artificial Intelligence(AI) and Internet of Things(IOT) based Integrated Approach for COVID-19 Prevention with Application Number 202141054101 A on 24.12.2021
- Received Best Societal Impact Project for major project “AI based Screening System “ for AY 2020-2021 on 22.06.2021
- Received Special Award on International Day of Yoga celebrated at VNRVJIET on 21.06.2022
- Received Best Societal Project for major project “AI Calculator for Mathematical calculations” for AY 2022-2023 on 15.04.2023

7. Motto: Hard work makes you step by step growth in life as well as teaches you lesson through its failure in your journey