

Name: Dr. Anjusha Pimpalshende
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JNTUH faculty id: 8536-151222-152431
AICTE Faculty Id 1-2898676820



Experience (in years): Teaching: 20 Research: 10 Others (if any, specify): 2

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D	2019	CSE
2	M.Tech.	2006	CSE
3	B.Tech.	1999	CSE

2. Teaching and Learning:

2.1 Teaching Interests: Artificial Intelligence, Python Programming, Design and Analysis of Algorithms, Java Programming , Programming language C, Object oriented Programming C++, Compiler Design, Theory of Computation, Formal Language and Automata Theory, Computer Graphics, Data Structure, Computer Network, Computer Architecture & Organization, Data processing & file system, Embedded system, Program logic design in C, Visual Technique, Digital Circuits, Microprocessor.

2.2 Novel Teaching & Learning Techniques adopted: Black Board teaching, PPT, Audio & video, Flipped classroom, In-class Team, Collaborative Learning, Learning by Doing, MOOCS, NPTEL, WIT WIL,

2.3 Involvement in curriculum updating / Design:

1. Participation in BOS meeting for Curriculum updating. (In previous colleges)
2. Member of syllabus design for AI&ML and CSE (AI&ML) departments (In previous college)

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Reading

3.2. CCA/ECA Organized:

Guest lectures, Technical fest events, Coding Competitions, Member of National and International Conferences. (In previous colleges)

3.3. CCA/ECA participated: Mentoring the students in coding competitions, Accompany the students for Industrial Visits. (In previous colleges)

3.4. Counselling and Mentoring Activity: Counsels, motivates and mentoring B.Tech(CSE) students to improve their social and academic performance.

3.5. Committees involved in:

Department level: Department NAAC committee member.

Institute Level: NIL

4. Conference / Workshop / Seminar / Guest Lectures :

4.1 Conducted: 20(Previous colleges)

As a student activity Incharge ,as a (CSI-SBC) computer society of India student branch coordinator Organized many events for student's .a. Guest lectures on different subjects by experts from different universities. b. Organized Inter-college competitions for students from various colleges. C. Committee member for international and national conferences d. Technical fest.

4.2 Attended: 41

SN	Name of program	Date & Duration	Location
1.	FDP :Recent trends in cognitive science & its applications	13 th to 18 th March	VNRVJIET,Hyderabad
2	LATEX- Migrate to LATEX from word	4 th April to 9 th April	VNRVJIET,Hyderabad
3	Machine Learning for Computer Vision	February 21 – March 4, 2022	MNIT Jaipur & EICTacademies
4	Natural Language Processing	February 7 –18, 2022	NIT Patna & EICTacademies
5	Digital Tools for writing, Authoring and Reviewing Manuscripts	12/07/2021 to 23/07/2021	IIT Roorkee & EICTacademies
6.	Deep Learning & Applications	23/08/2021 to 3/09/2021	IIT Roorkee & EICTacademies
7.	"Python Programming"	10.05.2021 to 15.05.2021	NTTTR ,Chennai
8.	R programming	17/06/2021 tp 19/06/2021	HITAM ,Hyderabad
9.	"Cyber Security & Cyber Forensics"	14/06/2021 to 18/06/2021	MVSREC, Hyderabad
10	"Data Structure and Algo Using Python"	27.04.2021 to 04.05.2021	PIET, Nagpur
11	"Machine Learning & AI using python"	4 th May 2020 to 13 th May 2020(10 days)	Electronics & ICT academy,IIT Roorkee
12	"Data Sciences"	9/05/2020 to 13/05/2020	Dr. Harisingh Gour University
13	"Artificial Intelligence & Machine learning"	18/04/2020 to 22/04/2020	CSE, CMRTC, Hyderabad
14	"Python for Machine learning"	18/04/2020 to 22/04/2020	VNTVJIT, Hyderabad
15	"Recent Trends in Computer Science"	15/06/2020 to 20/06/2020	PIET, Nagpur
16	"Machine learning using Python and R programming"	6/07/2020 to 11/07/2020	HITAM, Hyderabad
17	"Python 3.4.3"	13/07/2020 to 17/07/2020	SSTC,Bhilai& spoken tutorial IIT Bombay
18	"Joy of Computing using Python"	Jul to October(12 weeks)	NPTEL
19	"Python for data science"	Jul to sep(4 weeks)	NPTEL
20	FDP on "Python programming"	13 th April to 17 April 2019	BVRIT, Hyderabad
21	FDP on "Artificial Intelligence and Machine Learning"	29 th April to 4 th May	E&ICTacademy,NIT Warangal, IARE,Hyderabad

22	FDP on "Mobile Application Development"	27 th June -3 rd July 2017	MLRIT,Hyderabad
23	Infosys campus connect Faculty Enablement program on "FP 5.0"	2 nd -6 th January 2017	MLRIT,Hyderabad
24	IUCEE International Engineering Educator Pre-Certification Workshop	8 th June-10 th June ,2016	MLRIT,Hyderabad
25	Train the Trainer program	22 nd March- 24 th March,2016	Tech Mahindra, Hyderabad
26.	One-week short Term Training Program on "Digital Image processing using MATLAB"	13 th to 17 th January 2015	PIET,Nagpur
27	One week workshop on "Research Methodology and Computational Techniques"	22 nd to 27 th December 2014	PCOE,Nagpur
28	FDP on "Embedded System & Robotics"	28 th & 29 th November 2014	PIET,Nagpur
29	workshop on "Developing Teaching Competencies"	02-03 December 2014	PIET,Nagpur
30	One day Tutorial on Natural language processing	4 th January 2014	RKNEC,Nagpur
31	Two Week faculty Development Program on "Wireless Communication & Related Network Security"	10 th June to 22 nd June 2013	PIET,Nagpur
32	Two Week faculty Development Program on "Recent Trends in Artificial Intelligence"	27 th May to 8 th June 2013	PIET,Nagpur
33	One week STTP on "Research Methodology"	8 th to 12 th January,2013	PIET,Nagpur
34	STTP on "Theoretical foundation of computer Science"	November 23-25,2011, Two days	PIET,Nagpur
35	One day workshop on "Research areas in field of computer science"	30 th June,2012 One day	PIET,Nagpur
36	Attended Mission -10X(By Wipro Tech) basic & advanced workshop	6 June to 10 June 2011	PIET,Nagpur
37	Conference on "IIRETM"(Information Integrity Research, education technology and management)	31 st July,2008	MMCOE, Pune
38	Two days workshop on "Research in Engineering"	23 ,24 December,2008	MMCOE, Pune
39	ISTE self sponsored 2 days workshop on Distributed Computing	22 nd & 23 rd Jan 2007	BVCOE, Navi Mumbai
40	One Week ,AICTE-ISTE self sponsored short term training program on "GNU/Linux"	10 th May to 15 th May,2004	PCOE,Nagpur

41	Two weeks, AICTE sponsored staff development program on “Improved Teaching skills and trends in technical education, in its future”	8 th Dec to 22 nd Dec ,2003	G.H. Rasoni college of Engineering, Nagpur
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5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

1. A National Level Webinar on “Text Summarization using Python and Different datasets to be used in Applications” at MRIET (CSE & IT),Hyderabad from 23rd to 25th July 2020
2. “Assembly Language programming using MASM” in MCA department, Ramdeobaba college of Engineering ,Nagpur.
3. 8086 Assembly language programming using “MASM/TASM” in CSE department, MMCOE, Pune
4. Basics of Java Programming in LTCOE,Mumbai.
5. Basics of COBOL programming in PCOE,Nagpur

5.2. Articles/Chapters published in Books: 02

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

5.4. Projects Guided :

a) UG :30 b) PG :8

5.5. Research Interests: NLP, AI, ML, Image Processing

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	Binary Particle Swarm Optimization with an improved genetic algorithm to solve multi-document text summarization problem of Hindi documents	Engineering Applications of Artificial Intelligence volume={ 117},	09521976/ Elsevier Ltd.	(Q1)7.8.2/12.3 SCI,scopus,web of science	International
2	Effect of Stemming on	<i>International Journal of Next-Generation Computing</i> , 14(1).	ISSN 2229-4678	Web of science	International

	Hindi Text Classification				
3	Construction site Accident site Analysis using Natural Language	Journal of Emerging Technologies and Innovative Research (JETIR) Volume 10	(ISSN-2349-5162	Google Scholar	International
4	Veoir-Eye (3D Visualizer) using Augmented Reality	International Scientific Journal of Engineering and Management	ISSN: 2583-6129	Google Scholar	International
5	Eye disease detection using yolo and ensembled googlenet	Lecture Notes on Data Engineering and Communications Technologies 53, pp. 465-482	2367-4512 Springer International Publishing AG	(Q3) H index 23 SCI, scopus , web of science	International
6	Predicting IMDB movie rating using deep learning	Proceedings of the 5th International Conference on Communication and Electronics Systems, ICCES 2020, 2020, pp. 1139-1144, 09137994	19770909 IEEE	scopus	International
7	Preventing Crime Using Advanced Artificial Intelligence Techniques	Proceedings of International Conference on Advances in Computer Engineering and Communication Systems 2021, Volume 20	2662-3447/ Springer Singapore	scopus	International
8	Better Communication Tool for Specially Disabled	International Journal of Recent Technology and Engineering (IJRTE) Volume-8 Issue-4,	2277-3878/ Blue Eyes Intelligence Engineering and Sciences Publication	H-INDEX 27(Scopus)	International
9	Extractive Multi-Documnt Text Summarization by Using Binary Particle Swarm Optimization	Bioscience Biotechnology Research Communications Volume 13	2321-4007	Web of science	International
10	Illegal Link Tracker	Bioscience Biotechnology Research Communications	2321-4007	Web of science	International

		Volume 13			
11	Extraction of Root Words Using Morphological Analyzer for Hindi Text.	<i>International Journal of Soft computing</i> Vol. 13 Issue 5 PP134-138	ISSN : 1816-9503	Q3, H-index 23, SCOPUS	International
12	Test Model for Stop Word Removal of Devnagari Text Documents based on Finite Automata	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI),	8391797.	Scopus	International
13	Off-line Telugu Handwritten Characters Recognition using optical character recognition	IEEE International conference on Electronics, Communication and Aerospace Technology (ICECA 2017)	8212801	Scopus	International
14	Pre-processing phase of Hindi language text summarization System	International Journal of Computer Science and Information Security (IJCSIS). Vol. 14	ISSN 1947-5500	WEB OF SCIENCE	International
15	Ruled Based Text Summarizer for History Documents	International Journal of Innovations in Engineering and Technology (IJJET) Vol. 7, Issue No. 4	ISSN 2319-1058	Google scholar	International
16	Gist Generation of Hindi Document Using Statistical Method A REVIEW PAPER	International Journal on Recent and Innovation Trends in Computing and Communication	ISSN: 2321-1169	Google scholar	International
17	”Test model for Cyberbullying	i-manager’s Journal on Computer Science		Google scholar	International
18	“A Neural Network Approach to Character Recognition	International Journal of Science and Research (IJSR) Volume 4	2319-7064	Google scholar	International
19	CALL ANTIQUITY – An Easy Way to Store Permanent Call	International Journal of Computer Science and Information Technologies, Vol. 7	ISSN 0975-9646	Google scholar	International

	History				
20	Overview of Text Summarization Extractive Techniques	<i>International Journal Of Engineering And Computer Science</i> Volume: 2	ISSN: 2319-7242	Google scholar	International
21	SPIHT ALGORITHM BASED COLOR IMAGE COMPRESSION	International Journal Of Engineering And Computer Science	ISSN:2319-7242, Volume 3	Google scholar	International

5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Effect of Stemming on Hindi Text Classification	2nd International Conference on Information Systems, Data Science and Cyber Security(ICIDC 2022)	International	Dec 16-17, 2022
2	Predicting IMDB movie rating using deep learning	5 th International conference on communication & Electronics system (ICCES 2020)	International	10-12 June 2020
3	Eye disease detection using yolo and ensembled googlenet	International conference on Evolutionary computing and mobile sustainable Networks(ICECMSN2020)	International	20-21Feb 2020
4	Preventing Crime Using Advanced Artificial Intelligence Techniques	International conference on Advances in Computer Engineering & communication system	International	13-14 Aug 2020
5	Off-line Telugu Handwritten Characters Recognition using optical character recognition	IEEE International conference on Electronics, Communication and Aerospace Technology (ICECA 2017), held at Coimbatore, India.	International	20-22 April 2017
6	Test Model for Stop Word Removal of Devnagari Text Documents based on Finite	"International Conference on Power,	International	2017

	Automata	Control, Signals and Instrumentation Engineering (ICPCSI-2017)”		
7	Review on Text Summarization	National Conference on Advanced Technology NIRMETTI-2015 28 th feb	National	28 th Feb 2015
8	“Color Image Compression by SPIHT method”	National conference on Trends in Advanced computing & Information Technology, “TACIT-2012”	National	Aug 2012

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
01	Prediction of IMDB Movie Rating using Deep Learning	Wine Yard Technologies, Hyderabad	6 months	60000	Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received:

Awards:

“Outstanding woman in Engineering”, for the contribution and achievement in the field of computer science. By Vinus International Foundation.

Reviewer:

1. International Conference on Intelligent Systems, Data Science and Computing (ICIDC-2020) on November 27-28, 2020. Organized by Department of Computer Science and Engineering, Shri Ramdeobaba College of Engineering and Management, Nagpur.

2. International Conference on Intelligent Systems, Data Science and Computing (ICIDC-2023) on November 27-28, 2020. Organized by Department of Computer Science and Engineering, Shri Ramdeobaba College of Engineering and Management, Nagpur.
3. International Conference on Recent Trends in Computing (ICRTC-2022) SRM Institute of Science & Technology, Delhi NCR campus, Ghaziabad
4. International Conference on Recent Trends in Computing (ICRTC-2023) SRM Institute of Science & Technology, Delhi NCR campus, Ghaziabad

Patent:

AWS-Cloud and Google Big Query Data Performance Improved using Machine and Deep Learning Programming.

Patent number: 2021101128 , Australian OPI

Session chair:

1. **Session chair for ICRTC-22(4th -5th June 2022), SRM Institute of Science & Technology, Delhi NCR campus, Ghaziabad**
2. **Session chair for ICACCT-2018 ,CMRCET , Hyderabad**
3. **Session chair for ICACCT-2019 , CMRCET , Hyderabad**

Ph.D Examiner:

1. Ph.D reviewer and examiner in Sarvapalli Radhakrishnan University, Bhopal
2. Ph.D reviewer and examiner in Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur

Certification:

1. **Great Learning “Introduction to Natural Language Processing”**
2. **Coursera “Python for Data science & AI”**
3. **Coursera “ Programming for everybody using Python”**
4. **Coursera “Covid -19 data analysis using python”**
5. **Coursera “ Linear Regression with Numpy and Python”**
6. **Coursera “ create your first python project.**
7. **Java Programming , A Level MOOC delivered by the University of Wolverhampton via Canvas Network**
8. **Microsoft Technology associate “Introduction to Python Programming”**
9. **NPTEL certification on “C programming”**
10. **NPTEL certification on “Joy of computing using Python”**
11. **NPTEL certification on “Python for Data Science”**

Member of Professional Societies:

1. Lifetime ISTE (Membership id LM54292)
2. Lifetime - International Association of Engineers (IAENG)

7. Motto: Work is Worship