



Name : Dr.A. Kousar Nikhath

Designation : Assoc. Professor

Department : CSE

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Experience (in years): Teaching: 17 years 6 months Research:Others(if any, specify):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	PhD	2019	CSE
2	M.Tech	2010	SE
3	B.Tech	2003	CSE

2. Teaching and Learning:

2.1. Teaching Interests:

AINN, AI,ML,SE related subjects, Soft Computing, RM,OS, OOAD, MFCS, DMDW, Java etc.,

2.1 Novel Teaching & Learning Techniques adopted:

WIT & WILL, Brain Storming, Quizzing, Learning By Doing (LBD), Group Discussions, Videos, Films and Visuals, Student Presentations, Concept maps, Group Project / Presentation

2.2 Involvement in curriculum updating / Design:

- ✓ AIML Coordinator: Involved in design of Course structure and syllabus for B.Tech CSE(AIML) programme
- ✓ Lab manual coordinator and Incharge for CSE department lab manuals preparation.
- ✓ Story board design of OOAD,ML,C++
- ✓ Designed syllabi for Soft Computing, Cognitive Science.
- ✓ Updated Lab Protocol for OOAD, ML, Academic Plans for respective subjects, Lab manual.
- ✓ Designed WIT & WILL for ML,SQAT, Cognitive Science course.

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- ✓ To motivate students towards research and serving the nation.
- ✓ Browsing internet for research articles and Reading Books.

- ✓ Listen to music.

3.2. CCA/ECA Organized/Conducted:

- ✓ Conduct of 36-Hours Hackathon for the theme "HealthCare4.0" in collaboration with JHUB at VNRVJIET.
- ✓ Alumni Home coming Day ,YUGMA organized every 3rd Saturday of December.
- ✓ Conducted Mock Interviews by Alumni for 3rd year students
- ✓ Alumni Meeting with Board of members.
- ✓ Conduct of Alumni guest lectures as a part of career vision every year

3.3. CCA/ECA participated:

- Participated in "Do your Venture through Entrepreneurship Programme" conducted by National Commission for Women(NCW) ,in association with IIM,B ,edX
- Open House, Convergence, Alumni fests, Sport fests every year
- Industrial visits, Shadow Engineering, Mirror Engineering

3.4. Counseling and Mentoring Activity:

- Mentor for for AIML B.Tech Ist year students
- Mentor for all 4 yrs till update, Mentoring by Alumni is also smoothly running.

3.5. Committees involved in:

Department level:

- AIML Programme Coordinator, Lab Incharge for A109
- Hackathon Coordinator
- Lab Manual Coordinator
- JHUB Coordinator
- Member of Special Interest Group of Artificial Intelligence and Machine Learning.

Institute Level:

- CSE Alumni Coordinator
- Hackathon Coordinator-Smart India Hackathon,SIH
- Member of Research &Development

4.1 Conference / Workshop / Seminar / Guest Lectures :

4.2 Conducted:

- PreConference Workshop of ICACECS 2020 Conducted.
- Coordinator for PreConference Workshop ICACECS 2021.
- Coordinated Jhub Hackathon League 36 hours program at institute level.
- Conduct of Alumni Guest lecturers for second and first year students.
- Coordinated Training program on Machine learning conducted for IInd CSBS year students.
- Coordinated Mock Interviews by Alumni for B.Tech IIIrd year students
- Coordinated conduct of Internals for SIH-2020.

4.3 Attended:

- Certified in Advanced Certification Course in Artificial Intelligence and Machine Learning done from IIT Hyderabad from September 2019 to January,2020
- Certified in Python for Research from edX, Harvard University
- Certified in AI, ML, Cognitive analytics & Robotics Process automation from Coursera
- Certified in Reinforcement learning from Udemy.

- Certified in Python for Machine Learning (Project based learning) from Skify Labs
- Certified in Python for Data Science from Grey Atom
- Attended 26 FDP's and workshops at national, state and local level in the various domains like ML, AI, Deep Learning, Data Sciences, from NIT Patna, Warangal, IIIT, reputed institutes.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

Sl. No	Title of Lecture / Academic Session	Title of Conference / Seminar etc.	Organised by	Whether international / national
1	Conduct of Alumni Guest lecturers for second and first year students	Seminars	VNRVJIET	Local
2	Organized FDP on " Artificial Intelligence and Machine Learning	FDP	VNRVJIET	National
3	Delivered Session on Regression Analysis for PDP.	PDP on Applications of Artificial Intelligence and Machine Learning July 2020	VNRVJIET	National
4	Delivered SAMASYA –FDP ,session for first year students on Problem Analysis	SAMASYA-Problem Analysis	JNTUH	National
5	Delivered Session on Regression analysis for FDP	FDP on Artificial Intelligence and Machine Learning June 2020	VNRVJIET	National
6	Delivered Session on Data Mining Concepts.	2 Weeks Staff Development Programme on Advanced Data mining Techniques for FDP	AICTE sponsored, VNRVJIET	National
7	Involved as Session Chair for International Conference on Advances in Computer Engineering and Communication Systems”, conducted ONLINE from 13th – 14th August 2020 at VNR VJIET, Hyderabad	Conference	AICTE, Department of CSE &CSI	International

8	Involved in Technical Review Team ICACECS-2020	Conference	AICTE, Department of CSE &CSI	International
9	Member of Research Collaboration Form IFERP	Research Collaboration	Institute for Engineering Research and Publication ,IFERP	National
10	Member of Programme Committe of ICACECS-2021	Conference	ICACECS-2021	International
11	Involved in coordinating JHUB activities like EXCITE,IGNITE, ACCELERTOR	Innovation	JHUB,JNTUH	State
12	Delivered Webinar on Introduction to Artificial Intelligence	Webinars Series	Department of CSE &CSI	Local
13	Delivered session on “ Use of Maths in Neural Networks “ at FDP on “Use of Data Science “ conducted by H&S,VNRVJIET	Applications of Maths in Data Science	VNRVJIET H&S department	Local

5.2. Articles/Chapters published in Books: 3 Book Chapters published

Sl. No.	Title with page nos.	Book Title, editor & publisher
1	Smart Dust Bin: Reward Provider	Proceedings of International Conference on Advances in Computer Engineering and Communication Systems
2	SCP Design of Situated Cognitive Processing Model to Assist Learning-Centric Approach for Higher Education in Smart Classrooms	Advances in Intelligent Systems and Computing Springer, Singapore
3	Road Traffic Counting and Analysis Using Video Processing	Advances in Intelligent Systems and Computing Springer, Singapore

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

5.4. Projects Guided: Coordinating Major and Minor Projects

- a) UG: 14
- b) PG: 5

Few of the titles :

- Sustainable and Portable Low Cost IOT Based Terrace Model to Grow True Organic greens
- Integrated Computing System for Measuring Driver SafetyIndex

- Online shortest path computation for live traffic index
- A Qualitative Evaluation and Comparison of Cognitive Learning Analytics for Blended Learning Technology
- Identifying Malicious Applications in Social Networking Sites like Facebook
- Detecting Malfunctioning Nodes in Mobile Ad hoc Networks by using EAACK Pages
- An Integrated System for Personal Health Record in Cloud Computing using attribute based encryption

5.5. Research Interests: Text mining, Artificial Intelligence, Machine Learning, Neural Networks, Document Clustering

5.6. Ph.D students: NA

- a) Enrolled:
- b) Submitted:
- c) Awarded:

5.7. Papers published in reviewed journals: 14

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Building a k-Nearest Neighbor Classifier for Text Categorization	IJCSIT,(International Journal of Computer Science and Information Technology), Vol no:7,Issue1,,2016, Pages: 254-256	ISSN: 0975-9646	3.32, Google Scholar indexed, DOAJ.	International
2	Incremental evolutionary genetic algorithm based optimal document clustering (ODC)	JATIT, Journal of Theoretical and Applied Information Technology , 31st May 2016	2278 – 3091	Elsevier,Scopus	National
3	COCUS: Concept based Document Clustering by Corpus Utility Scale	IJST, Indian Journal of Science and Technology,	09746846	Web of Science, UGC accepted journal	National
4	Conceptual Relevance Based Document Clustering Using Concept Utility Scale	Asian Journal of Scientific Research	1992-1454, Published	Scopus, ISI	International
5	Hybrid Approach to	Journal of	Vol.16,1-	Online	INT

	Explore Efficient Document Clustering using multi objective attributes	Computational Theory and Nano Science	6,2019	first,Dec,2018.	
6	Feature selection, Optimization, and Clustering Strategies of Text Documents: Contemporary Affirmation of Recent Literature	International Journal of Electrical and Communications Engineering,(IJECE)	Vol. 9, No. 2,	April 2019,	INT
7	Sustainable and Portable Low Cost IOT Based Terrace Model to Grow True Organic Greens Student :Project Guidance	International Journal of Engineering and Advanced Technology (IJEAT)	2249-8958	Peer reviewed Impact factor : 1.0	International
8	Diabetic Detection Using Data Mining Techniques	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2249-6890	Peer reviewed ISSN(P):2249-6890 Impact factor : 9.6246	International
9	Integrated Computing System for Measuring Driver Safety Index Student :Project Guidance	International Journal of Emerging Technology and Advanced Engineering	2321-9637	Peer reviewed E-ISSN: Impact factor : 7.127	International
10	Online shortest path computation for live traffic index	International Journal of Computer Science and Information	0976-8491	Peer reviewed Impact factor : 1.054	International

	Student: Project Guidance	Technology			
11	A Qualitative Evaluation and Comparison of Cognitive Learning Analytics for Blended Learning Technology Student :Project Guidance	International Journal of Advanced Science and Technology	2207-6360	Peer reviewed Impact factor : 0.41	International
12	Identifying Malicious Applications in Social Networking Sites like Facebook Student Project	Journal of Applied Science and Computations	1076-5131 Volume 5, Issue 8, / August,201 8 / Pp:64- 67	Impact factor: 5.8	National
13	Detecting Malfunctioning Nodes in Mobile Ad hoc Networks by using EAACK Pages Student :Project Guidance	International Journal of Research in Advent Technology	2321-9637	Peer reviewed Impact factor : 0.456	International
14	An Integrated System for Personal Health Record in Cloud Computing using attribute based encryption	International Journal of Research in Advent Technology	2321-9637	0.453	International

5.8. Papers presented at National / International Journals:6

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	SCP Design of Situated Cognitive Processing Model to Assist Learning-Centric	International Conference on Information System Design and Intelligent applications at CMR College	International	19- 2020

	Approach for Higher Education in Smart Classrooms			
2	Road Traffic Counting and Analysis Using Video Processing	International Conference on Information System Design and Intelligent applications at CMR College	International	19-2020
3	Smart Dust Bin: Reward Provider	International Conference on Advances in Computer Engineering and Communication Systems (ICACECS-2020),VNRVJIET	International	2020-2021
4	Contextual approach for assisting anxiety disorders	International Conference for Systematic, Cybernetics, Informatics, ICSCI , Pentagram Research Centre (P) Limited,Hyderabad	International	2012
5	Simulation of interaction of 3 object	International Conference for Systematic, Cybernetics, Informatics, ICSCI,Pentagram Research Centre (P) Limited Hyderabad.	International	2011
6	Simulation of boat dynamics	International Conference for Systematic, Cybernetics, Informatics, ICSCI Pentagram Research Centre (P) Limited, Hyderabad.	International	2010

5.9. Sponsored research Projects:NA

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:NA

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received:

- **Certificate of Excellence from IIIT, Hyderabad** for the Course "Advanced Certification Course in Artificial Intelligence and Machine Learning Jan,2020.
- Certificate of Appreciation as a Judge from **Smart India Hackathon-2020**,for evaluating Software Problems
- **3 Best Paper awards** for paper presentation at International Conference at Systematic, Cybernetics, Informatics, for 3 years during 2009,2010,2012.
- Shortlisted and Participated for **Regional Convention Competition** for the project titled "Sustainable and Portable Low Cost IOT Based Terrace Model to Grow True Organic Greens" at AICTE sponsored **Viswhakarma Chaatra Awards 2019**(Student Team got benefit with AICTE 20 Research Activity points
- **Best Social Selection Award and Second Best Jury Award** for the project titled "Integrated Computing System for Measuring Driver Safety Index" at College of Engineering, Pune, 2012
- **Got Appreciation Certificate** for Project titled " Integrated Computing System for Measuring Driver Safety Index" at **Jedi-Project Challenge 2012, IISC, Bangalore**
- **Top 2:Merit Certificate** at M.Tech Programme-2010

7. **Motto:**Work with commitment sounds well