DIVYA U H

ASSISTANT PROFESSOR
DEPARTMENT OF CSE

PROFILE

- Hardworking, Dedicated & Committed Faculty in the Department of CSE, with 13 years of experience in teaching UG & PG Students.
- Subjects Handled: C programming, Design and Analysis of Algorithms, Computer Organization, Object Oriented Modelling & Design, DBMS, Computer Graphics, Finite Automata Theory, System Software, Compiler Design, Java, Python, Data Mining and Data warehousing etc.
- Skills: Communication, Flexibility, Time management, Technological skills, Teamwork, Organization, Creative Designing.

CONTACT & LINKS

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Linkedin :
https://www.linkedin.com/in/divya-uh-7911531ab/

EDUCATIONAL QUALIFICATIONS

B.E (CSE- VTU-2005) -KVG College of Engineering, Sullia, Mangalore.
M.Tech (CSE-VTU-2010) - Dr. AIT, Bangalore.
Pursuing Ph.D. under VTU (Registration-2018).

PROFESSIONAL EXPERIENCE

Teaching Experience: 13 years
Industry Experience:
Total: 13 years

INSTITUTION/DEPARTMENT RESPONSIBILITIES

- Oracle Academy Instructor
- UG final year Project Coordinator
- UG third year Coordinator
- Part of Departmental NBA Accreditation Team
- Class teacher
- Mentor

RESEARCH AREA/SPECIALISATION/ RESEARCH GRANTS/ PROJECTS IF ANY

Research Area: Computer Vision & Machine Learning

Specialization: Database Management Systems, Java, Python

ACHIEVEMENTS/ACCOMPLISHMENTS/AWARDS/RECOGNITION/GUEST LECTURES DELIVERED

- Participated and successfully completed FDP on "**LaTex and its Applications for Researchers**", organized by Department of ISE, Vidyavardhaka College of Engineering, Mysuru.
- Participated in One week online FDP on "**Essential Skills and Technologies for Quality Research**", organized by Library and Information Center, P.E.S. college of Engineering, Mandya, Karnataka.
- Participated in Three days online FDP on "**Emerging Technologies in IT industry**", organized by Jain college of Engineering, Belagavi, Karnataka.
- Participated in Three day workshop on "**Artificial Intelligence and Robotics**", organized by Karnataka Science and Technology Academy (KSTA).
- Attended a webinar on "**IEEE publication process**", organized by Department of CSE, Vidyavardhaka College of Engineering, Mysuru.
- Attended a webinar on "**Developing Machine Learning Models from Start to Finish**", organized by department of CSE, Anurag University, Hyderbad.
- Attended a webinar on "**Introduction to Oracle Academy teaching resources of Primavera P6**", organized by Oracle Academy.
- Attended a webinar on "**Blockchain Application Development using Hyperledger**", organized by Department of ISE, EPCET, Bangalore.

PUBLICATIONS/PATENTS/BOOKS

ASSOCIATION WITH PROFESSIONAL BODIES

- Presented a paper on "Detection of Abnormal Human Activities in Surveillance video- A survey", at the International e-conference on Advanced Research in Science, Engineering, Technology and Management (ICARSETM 2020) on 24th & 25th July 2020.
- Published the paper on "**Detection of Abnormal Human Activities in Surveillance video- A survey**" in the Journal of Interdisciplinary Cycle Research - An UGC-care Approved Group-II Journal, Volume XII, Issue VIII, August-2020
- Presented a paper on "A survey on Detection of Malpractices in Examination Surveillance video" at International Conference on Multidisciplinary Technologies & Challenges in Industry 4.0 organized by EPCET on 18th-19th September 2020.
- Published the paper –"**A survey on Detection of Malpractices in Examination Surveillance video**", in LINO Journal, Volume 11, and Issue 01-2021.

- Member of IEEE Bangalore section.

PROFESSIONAL COURSES COMPLETED

- Completed **Oracle Academy** courses on **Database Design, Database Foundation** and **Artificial Intelligence with Machine Learning in Java Learner.**
- Completed **Couresera** courses on **AI for Everyone**, **Python3**, **Pythons Specialization**, **Computer Vision- Object Detection with OpenCV and Python.**
- Completed **NPTEL** course on **DBMS**.
- Completed **Udemy** course on **Master Computer Vision OpenCV in Python with Deep Learning**.
- Completed **UiPath** Course on **Step into Robotic Process Automation.**