

Dr. Naresh Patel K M
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Objective

To inspire and equip the next generation of engineers with the necessary knowledge, skills and problem-solving abilities to excel in their academics and future careers. I aim to instill a passion for lifelong learning and continuous self-improvement, empowering students to make positive contributions to the field of engineering and society as a whole.

Research Interests

- Privacy Preserving Data Mining
- Machine Learning
- Natural Language Processing

Academic Profile

Research Details

- Awarded with Ph.D. in 23rd Annual Convocation held on August 1st 2023 at V.T.U., Belagavi.

Research topic: “Fuzzy Based Privacy Preserving Technique for Unstructured Healthcare Data”, under the Guidance of Dr. Ashoka K, Professor , B.I.E.T., Davangere.

M. Tech

Master of Technology (M. Tech), BIET, Davangere, Computer Science & Engineering.

B. E.

Bachelor of Engineering (B.E), BIET, Davangere, Information Science &

Engineering.

Teaching Experience

Assistant Professor

Department of Computer Science and Engineering, BIET Davangere from 11-01-2013 to till date.

Professional Memberships

- MISTE – LM 89351
- CSTA - 198357999561
- IRINS - Vidwan ID: 221982

Subjects Handled

C programming for problem solving, Analog and Digital Electronics, Microcontrollers & Embedded Systems, Graph Theory & Combinatorics, Data Mining & Data Warehousing, Embedded Systems, Operations Research, Discrete Mathematical Structures, Finite Automata & Formal Languages.

Additional Roles @ BIET & Other Institutions

- NBA C-8 co-ordinator.
- NAAC C-1 co-ordinator.
- AICTE activity points co-ordinator.
- Internship co-ordinator for scheme students.
- PE co-ordinator for scheme students.
- SCR co-ordinator.
- Anti-ragging squad member.
- Co-ordinator from the department for Journal publication committee at the department level, overseeing the faculty's publications.
- Co-ordinator from the department for adding books to the Central library collection.
- Time Table co-ordinator.
- Worked as Internal Deputy Chief Superintendent at B.I.E.T., Davangere for conducting VTU theory examinations.
- Worked as a co-ordinator for “Davana 17th Annual Youth Festival” for the year 2016-17.

- Worked in connection with “Carrer Counseling for 2nd PU passed students” held on 31st May 2018.
- Nominated as a member of Youth Red Cross Wing for the VTU in 2017.
- Student counselor for a batch of 20 students.
- Actively involved in the departmental activities.
- Co-ordinator for Knimbus portal.

List of Publications

- Naresh Patel K M, “Disease Categorization with Clinical Data using optimized Bat Algorithm and Fuzzy Value”, Journal of Intelligent and Fuzzy Systems (Indexed by: Scopus, SCI). E-ISSN: 1064-1246, vol. 44, no. 3, pp. 5467-5479, March 2023, DOI: 10.3233/JIFS-222749.
- Naresh Patel K M, “A Privacy Preserving Model for Enhancing the Public access to healthcare data using Hybrid Optimization and Data Anonymization techniques”, Journal Telematique (Indexed by: Scopus). E-ISSN: 1856-4194, Volume 22, Issue 1, pp. 644-662, January 2023, <https://www.provinciajournal.com/telematique/1175>.
- Naresh Patel K M, “Preprocessing Methods for Unstructured Healthcare Data”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) (Indexed by: Scopus). E-ISSN: 2278-3075, Volume-9, Issue-2S, pp. 715-719, December 2019, DOI: 10.35940/ijitee.B1024.1292S19.
- Naresh Patel K M, “A survey on graph database management techniques for huge unstructured data”, International Journal of Electrical and Computer Engineering (IJECE), ISSN: 2088-8708, Volume-8 Issue-2S, October 2018”.

Awards

- A guided project titled “*Contour to Code*” awarded as Consolation in the online project presentation “PROGYAN 1.0: In house project Exhibition”. Batch-10 for the academic year 2018-2019.

Seminars/Workshops Attended

- Attended 7 days FDP on “Data Analytics & Data Visualization tool” organized by Department of CS&E, BIET, from 24th July - 1st August 2023.
- Attended one day FDP on “Data Analytics/Data Management” organized by Department of Training & Placement, BIET in association with TCS, held on 7th July 2023.
- Attended 5 days online FDP on “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 11th July to 15th July 2022.
- Attended one day webinar on “Role of Faculty in Implementation of NEP”, conducted

by Basaveshwar Engineering College (autonomous), Bagalkot, held on 20th February, 2021.

- Attended 3 days FDP on “Cyber Security & Blockchain Technologies”, organized by the Department of Computer Science & Engineering, Angadi Institute of Technology & Management from 13th to 15th July 2020.
- Attended one day webinar on “Boost your Digital Marketing Skills by designing an attractive website using Django”, held on 28/07/2020.
- Attended 5 days webinar series on “Leading Edge in Industrial Practice” organized by the Department of Computer Science & Engineering, KSSEM from 10th to 14th August 2020.
- Attended one day webinar on “Remote Lab Platform for Hardware Circuit Experiments”, held on 10/11/2020 organized by the Department of Electronics and Communication Engineering in association with Institution of Engineers(India), Local center, Davangere.
- Attended 3 days FDP on “Hands-on Microcontroller and Embedded Systems” Conducted by G.M.I.T., Davanagere from 20/01/2020 to 22/01/2020.
- Attended one day workshop on “New Model Curriculum for first year BE/B-Tech CBCS detailed syllabus (2018-2019) as per OBE format under TEQIP for the course under Computer Science Department Board held on 19th May 2018 at SCEM, Mangalore organized by VTU, Belagavi.
- Attended one day workshop on IOT, Data Analytics, Software Defined Network conducted in B.I.E.T, Davanagere held on 16th March 2018.
- Attended two days’ workshop on “ARM Cortex M3 Microcontroller” Conducted by B.I.E.T Davanagere, from 23/01/2018 to 24/01/2018.
- Actively involved in organizing 24 hours nonstop the “Largest Learnathon- student championship 2018” conducted by Sales force & ICT Academy on 2nd & 3rd Feb 2018.
- Attended one day workshop on “Intellectual Property Rights” organized by Research & Development cell of B.I.E.T, Davanagere held on 6th April 2017.
- Attended one day workshop on “iON PRIDE Faculty Development Program” conducted by TCS, Bangalore on 7th September 2016.
- Attended a one day Engineering Faculty Empowerment Programme on “Formulation of Research Proposal under DST/DRDO/ISRO/DIETY Schemes” Conducted by R&D Centre MS Engineering College, Bengaluru on 30/06/2015.
- Organised and participated in International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT-2015) held at Bapuji Institute of Engineering and Technology, Davangere-04.
- Attended two days workshop on “Network Simulator for Wireless Network” conducted by Alva’s Institute of Engineering & Technology, Moodbidri from 17th to 18th January 2014.
- Attended three days workshop on “Feel Teacher” Learning and Development Intervention Conducted in B.I.E.T, Davanagere in association with CLHRD Mangalore, from 19th to 21 April 2013.

Conference Attended

- Attended 2 days conference on “International Journal of Innovative Technology and Exploring Engineering (IJITEE)”, organized by RNSIT, Bengaluru held on 19th and 20th December 2019.
- Actively participated in Organizing a three days International conference “Applied and Theoretical Computing and Communication Technology (ICATCCT)” conducted by Dept. of CS&E, BIET, Davanagere from 29/10/2015 to 31/10/2015.