Dr. Patil N S
Associate Professor,
Department of IS &E,
BIET. Davangere
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Work Experience: 13 Years

- Worked as a Lecturer in IS & E Department of Bapuji Institute of engineering and Technology, Davangere from 2010 to 2012.

- Promoted as a Asst. Professor in IS & E Department of Bapuji Institute of engineering and Technology, Davangere from 2012 to 30 April 2023.

- Promoted as a Associate Professor in IS & E Department of Bapuji Institute of engineering and Technology, Davangere from 02- May 2023 to till date

Educational Qualification

- Ph.D. [Computer Science & Engineering] from Visvesvaraya Technological University, Feb 24, 2023.

- M.Tech [Computer Science] from BIET, Davangere, VTU University, 2010.

- B.E [Computer Science & Engineering] from GM Institute of Engineering and Technology, VTU University, 2008.

Dissertation Details

- Mobile video gallery,

- Cryptography versus Trust-based Method for Manet Routing Security.

- Effective Technique for Managing Large and Unstructured Graph Database

Membership

- Life Member of Indian Society for Technical Education. Number: LM83731.

- The Institution of Engineers. Number: M-165638.

Core Subjects Taught

Analog and Digital Electronics, Automata theory and Computability, Storage Area Network, Discrete Mathematical Structure, Data Mining and Data Warehousing, Cryptography Network

Security and Cyber Law, Unix And Shell Programming, Logic Design, Graph theory & Combinatorics, Formal language and Finite automata, System Modeling and Simulation.

Publications

- "A survey on graph database management techniques for huge unstructured data", International Journal of Electrical and Computer Engineering. ISSN: 2088-8708, Vol. 8, No. 2, April 2018, pp. 1140~1149. (**Q2: Scopus Indexed**, **No of Citation: 23**)

- "A Computational Modeling for Knowledge Binding of the Unstructured Web Data", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9 Issue-2S, **December 2019.** (**Scopus Indexed**)

- "Route Optimization via Improved Ant Colony Algorithm with Graph Network"**,** ISSN:2089-4864, (Accepted and waiting for Final Publication) International Journal of Reconfigurable and Embedded Systems (IJRES) **(Scopus Indexed).**

- "Identification of Plant Leaf Disease Using Machine Learning Techniques", International Journal of Advanced Research in Computer and Communication Engineering. ISSN: 2278-1021, Vol. 9, issue 7, July 2020.

- "Leaf Disease Discerning and Pesticides Recommendation using Neural Network", International Journal for Research in Applied Science & Engineering Technology. ISSN: 2321-9653, Vol. 9, issue 7, July 2021.

- "Detection and Monitoring a Forest Fire using GSM Module", International Journal for Research in Applied Science & Engineering Technology. ISSN:2321-9653, Vol. 9, issue 7, July 2021.

- "Bi-LSTM Learning Model for The Classification of the Opinion from the Dynamic Natural Text Corpus" International Journal of Electrical and Computer Engineering (Communicated)**.** (**Scopus Indexed**)

Workshop

- Participated in 5 days FDP on "Data Analytics and Data Science" organized by Dept. of ISE , BIET, Davangere, from 30th Jan 2023 to 03 Feb 2023.

- Participated in 1 days FDP on "Fine Tuning of NEP Compliance Syllabus disciplines under CSE and ISE" organized SJCIT, Chikaballapura, from 20th April 2022.

- Participated in 5 Days FDP on "Internet of Things" organized by, Rajagopal Polytechnic College in association with AICTE Training And Learning (ATAL) Academy, New Delhi, from 23th Jul 2021 to 27th Jul 2021.

- Participated in 5 Days FDP on "Data Science" organized by Global Academy of Technology in association with AICTE Training And Learning (ATAL) Academy, New Delhi, from 19th Jan 2021 to 23th Jan 2021.

- Participated in 1 days National level webinar on "Emerging Trends in Data Analytics" organized by Dept. of CSE, Proudhadevaraya Institute of Technology, Hosapete from 09th June 2020.
- Participated in 6 Days FDP on "Data Science and Its Learning Techniques" organized by Dr NGP Institute of Technology, Coimbatore from 13th Jul 2020 to 18th Jul 2020.
- Participated in 5 days FDP on "Current Trends and Research Opportunities in Information Technology" organized by Dept. of CSE, Tontadarya College of Technology, Dadag from 06th July 2020 to 10th July 2020.
- Participated in 1 days Online webinar on "Teaching & Learning Process, Course Outcomes and Program Outcomes" organized by GMIT, Davangere from 04th July 2020.
- Participated in FDP on "IoT AND ITS APPLICATION" organized by Dept. of ISE, Sapthagiri collage of Engineering, Bangalore, from 14th Dec 2020 to 18th Dec 2020.
- Attended two days Deliberation of 3-8th semester 2018 scheme, syllabus at SJBIT, Bangalore.

Roles and Responsibilities

- Institute NPTEL SPOC from 2020 to till date.
- Institute NAAC Criterion-5 Coordinator.
- Department NBA criterion-5 Coordinator.
- Department Forum Coordinator.
- Department AICTE activity point Coordinator.
- In charge for Department's NBA P-Files.
- Working has flying squad for boy's hostel.
- Educated Govt. High School students, Kakkaragolla under SSK trust for AY 2022 about Computer Awareness.
- Worked in QPDS team as a DCS for VTU Exams from AY 2016 to 2021(5 years).
- Worked as an External DCS for VTU Exams in the AYs 2014 and 2015.
- Worked as Davana-17 coordinator.
- Working as InfoZest coordinator every year for both technical and non-technical events.
- In charge for VTU Youth Festival college selection team for AY 2017.
- In charge for Department I.11 file Coordinator.
- Worked as Bitech Voice Coordinator in AY 2015.
- Worked as department time table coordinator for AY 2013-14.