

Vinayak A. Telsang

Assistant Professor

Department of Artificial Intelligence and Machine Learning
Biluru Gurubasava Mahaswamiji Institute of Technology
Mudhol-587313, Karnataka, India



v.telsang@gmail.com

+91-9620152576

Office Address	Department of Artificial Intelligence and Machine Learning Biluru Gurubasava Mahaswamiji Institute of Technology, Mudhol-587313, Karnataka, India Office Phone: 08350-280404 Fax: 0850-281404
Residential Address	C/o: Arvind A. Telsang Opposite to Rural Police Station Main Road Laxmi Nagar Bagalkot-587101, Karnataka, India.
My ID's	AICTE Faculty ID: 1-2738871207 VTU Faculty ID: 2LBCS0006784
Qualification	<ul style="list-style-type: none">• Pursuing Ph.D. at Visvesvaraya Technological University (VTU), Belagavi, Karnataka, India• M.Tech. (Software Engineering) SRM University (Deemed University) in 2013 Chennai-• B. E. (Information Science & Engineering) Basaveshwar Engineering College (Autonomous), Bagalkot-587103 (Visvesvaraya Technological University, Belgavi, Karnataka) in 2010
M. Tech. Project Title	Riskless and Stable Storage Utilities in Cloud
B. E. Project Title	Online Banking System
Area of Interest	Web Applications, Machine Learning, Edge Computing
Tools Worked on	Eclipse, MySQL Server, Anaconda.
Subject Handled	C- Programming, Data Structure & Algorithms, Object Oriented Concepts, Database Management System, Operating Systems, Compiler Design, Python Programming, Storage Area Networks, Java and J2EE, Network Management, Artificial Intelligence and Machine Learning, Web Technology & its Application, System Simulation & Modelling, Cryptography and Network Security.
Experience	7.5 Years Teaching Experience
Projects Guided	UG (B.E.)
	<ol style="list-style-type: none">1) Hospital Managements System2) Online Voting System3) Detection of Breast Cancer Using Machine Learning Algorithms4) Face Detection and Recognition Using OpenCV5) Authentication scheme for IoT devices using blockchain

Training/Courses:

- Four week certification course on “**Writing, Running, and Fixing Code in C**”, organised by **Duke University**, conducted by Andrew Hilton, Genevieve M. Lipp and Anne Bracy, **Cornell University**, in association with Coursera, from 26th October– 03rd November 2020.
- AICTE approved NPTEL online certification course on “**Python for Data Science**”, organised by IIT Madras, in association with SWAYAM, & MHRD, Govt., of India, from 14th September – 12th October 2020.
- One Week training on “**Android Development with Kotlin**” from 14th-19th Sept 2020.
- Certification course on “**Machine Learning using Python**” an online project-based course from Skyfi Labs on 25th August 2020.
- Four week certification course on “**Introduction to Data Science in Python**”, organised by **University of Michigan**, conducted by Prof. Christopher Brooks, School of Information, University of Michigan, in association with Coursera, from 6th – 27th July 2020.
- AICTE approved NPTEL online certification course on “**Programming in JAVA**”, organised by IIT Kharagpur, in association with SWAYAM, & MHRD, Govt., of India, from 27th January – 17th April 2020.

AICTE/IIT/IIIT/NIT Sponsored

FDP/Seminars/Workshops/Symposiums/Webinars:

- One Week online FDP on “**Hardware Security for Internet of Things**”, organized by NIT Rourkela, in association with AICTE Training and Learning (ATAL) Academy from 21st November to 25th November 2022.
- One Week online FDP on “**Fog and Edge Computing Challenges and Research Directions**”, organized by National Institute of Technology Sikkim, in association with AICTE Training and Learning (ATAL) Academy from 26st October to 30th October 2021.
- One Week online FDP on “**AI- Machine Learning & Optimizations**”, organized by IIT Allahabad, in association with AICTE Training and Learning (ATAL) Academy from 1st February to 5th February 2021.
- One Week online FDP on “**Data Sciences**”, organized by NIT Surathkal, in association with AICTE Training and Learning (ATAL) Academy from 21st September to 25th September 2020.
- One week online FDP on “**Data Sciences**”, organized by MSME – TECHNOLOG DEVELOPMENT CENTRE (PPDC), Meerut, in association with AICTE Training and Learning (ATAL) Academy from 20th April to 24th April 2020.

Spoken Tutorial Project, IIT Bombay:

- Completed **“BOSS Linux Ubuntu Operating System”** test conducted remotely from IIT Bombay & jointly organized by Karmaveer Bhaurao Patil College of Engineering, Satara, on 22nd April 2020. The training was offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.
- Completed **“Python 3.4.3”** test conducted remotely from IIT Bombay & jointly organized by Dwarkadas Jivanlal Sanghvi College of Engineering, Mumbai, on 9th May 2020. The training was offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.
- Completed **“R Programming”** test conducted remotely from IIT Bombay & jointly organized by Sree Vidyanikethan Engineering College (Autonomous), Tirupati, on 29th May 2020. The training was offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.

FDP/Seminars/Workshops/Symposiums/Webinars:

- Five days FDP on **“Internet of Things with Machine Learning and Artificial Intelligence”** organized by GTU in association with NIT Warangal, 14-18, Sept 2020.
- One-day Webinar on **“Emerging Artificial Intelligence Techniques”**, organized by Artificial Intelligence Foundation, Lucknow, India, on 5th July 2020.
- One-day Webinar on **“Computer Communication and Virtualization Technology”**, organized by National Institute of Technical Teachers Training and Research (NITTTR), Chennai - 600113, India, Ministry of Human Resource Development, Govt. of India, in association with IEEE Technology and Engineering Management Society (IEEE TEMS) Madras Chapter. on 25th June 2020.
- TEQIP-III Sponsored Three days online FDP on **“Recent Advances in Automation and Networking”**, organized by Department of ECE, Basaveshwar Engineering College (Autonomous), Bagalkot, 18th to 20th June 2020.
- TEQIP-III Sponsored National Level One Week Virtual FDP on **“Machine Learning based Project Architecture Design”**, organized by Department of ECE in association with Department of ISE, Basaveshwar Engineering College (Autonomous), Bagalkot, 15th to 19th June 2020.
- National Level Webinar on **“Decoding DNA for Professional Success: Uncertainty to Certainty”**, organized by B. V. V. Sangha’s, Institute of Management Studies, Bagalkot, on 3rd June 2020.
- One week online FDP on **“R Programming”**, organized by Sree Vidyanikethan Engineering College (Autonomous), Tirupati, in association with Spoken Tutorial Project, IIT Bombay, funded by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, MHRD, Govt., of India, from 25th to 29th May 2020.
- Three days online FDP on **“How to use Cloud Computing Effectively - Theory to Practice”**, organised by Sathyabama Institute of Science and Technology, in association with Computer Society of India (CSI), from 11th to 13th May 2020.
- Online webinar on **“An Intro to Full Stack Development”**, organised by Department of CSE, Sri Venkateswara College of Engineering, Tirupati, on 10th May 2020.

- One week online FDP on “**Python 3.4.3**”, organized by Dwarkadas Jivanlal Sanghvi College of Engineering, Mumbai, in association with Spoken Tutorial Project, IIT Bombay, funded by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, MHRD, Govt., of India, from 3rd to 7th May 2020.
- Two days online workshop on “**AI Web Series**”, organized by Department of Computer Science School of Engineering, Babu Banarasi Das University Lucknow, in association with The Institution of Engineers India (IEI), on 2nd and 3rd May 2020.
- Three days online workshop on “**Education 4.0**”, organised by IQAC, organised by Atharva College of Engineering, Mumbai, from 28th to 30th April 2020.
- One day virtual workshop on “**Effective Online Engineering Education: Tips & Tricks**”, organized by IEEE Bangalore Section, on 26th April 2020.
- One week online FDP on “**BOSS Linux - Ubuntu Operating System**”, organized by Karmaveer Bhaurao Patil College of Engineering, Satara, in association with Spoken Tutorial Project, IIT Bombay, funded by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, MHRD, Govt., of India, from 15th to 21st April 2020.
- One Week FDP on “**Implementation of Outcome based Education in Higher Educational Institutions**”, at SIT Tumukur in association VTU Belagavi from 8th-12th July 2019.
- One-day workshop and new learning experience on “**Role of Ratings, Rankings and Accreditation in Creating Institutions of Eminence and Excellence**”, at PES University. Organized by Board for IT Education Standards (BITES) and Visvesvaraya Technological University (VTU), Belgavi in association with PES University, Bengaluru and Indian Centre for Academic Rankings and Excellence (ICARE) on Saturday 21st July 2018.

Papers Presented:

- Vinayak A. Telsang and Kavya Hegde, “Breast cancer prediction analysis using machine learning algorithms” in International Conference on Communication, Computing and Industry 4.0 (C2I4), Bangalore, India, 2020.
- Vinayak A. Telsang, Mahabaleshwar S. Kakkasageri, Anil D. Devanagavi, “A Review on Edge Computing Data Security Management Techniques for IOT”, Journal of Computers Security, IOS press (*Under Review*)
- Vinayak A. Telsang, Mahabaleshwar S. Kakkasageri, Anil D. Devanagavi, Rajani S. Pujar, “Blockchain based Device Authentication in Edge Computing using Quantum Approach”, IEEE Transactions on Cloud Computing (*Under Review*)

Professional Activities:

- **Project and Seminar Coordinator for VTU Examinations** at the department level from 2017 to 2018.
- **Coordinator for HRD Programmes** organized at the college level from 2018 to 2019.
- **Website Coordinator at College Level** from 2021 to till date.

Reviewer:

- Reviewer in 7^h International Conference for Emerging Research in Computing, Information, Communication and Applications (ERCICA) organized by NMIT, Bangalore held during February 24th-26th 2022.
- Reviewer in 6th International Conference for Emerging Research in Computing, Information, Communication and Applications (ERCICA) organized by NMIT, Bangalore held during September 25th-28th 2020.

References:

1. Dr. S. B. Kerur

Principal

Biluru Gurubasava Mahaswamiji Institute of Technology,

Mudhol-587313

+91-9343331335

shravankerur@yahoo.com

2. Dr. Mahabaleshwar S. Kakkasageri.

Associate Professor

Department of Electronics and Communication Engineering,

Basaveshwar Engineering College (Autonomous)

Bagalkot-587103

+91-9482861933

mahabalesh_sk@yahoo.co.in