Mrs. Latika Tamrakar

M.Sc.(IT),MCA, MBA, MPhil(CS),

UGC NET,CGSET

Assistant Professor

Department of Information Technology

Govt. V.Y.T. PG Autonomous College,

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PROFESSIONAL EXPERIENCE:

- **Assistant Professor ,** Govt. V.Y.T. PG Autonomous College, Durg,from 07 December 2020 to till date.
- **Assistant Professor,** Govt. Kaktiya PG College, Jagdalpur from 25 September2017 to 5 December 2020, First joining through CGPSC .
- **Guest Lecturer** , Govt. V Y T P.G. Auto College, Durg from July 2016 to August 2017
- **Assistant Professor**, Kalyan PG College, Bhilai from July 2013 to May 2015
- **Lecturer,** NIT,Raipur from Oct 2007 to March 2008
- **Assistant Professor** , Kalyan PG College, Bhilai from Aug 2004 to July 2006

ACADEMIC QUALIFICATIONS

- Pursuing **PhD (**Computer Application) from Chhattisgarh Swami VivekanandTechnical University (CSVTU), Bhilai.
- **M.Phil.** (Computer Science),Dr. C V Raman University, Bilaspur(C.G.), 2014.
- **Master of Business Administration (**HR,Marketing),Bhiali Institute of Technology , Durg, 2011.
- **Master of Computer Application ,** CCIT , 2007
- **Master of Science** (Information Technology) , CCIT , 2004

- **B.Sc.** (Computer Science) **,** Bhilai Mahila Mahavidyalaya , Bhilai(C.G.), 2000.

PUBLICATIONS

1. Kushwaha, S., Thakur, V., & **Tamrakar, L.** (2022). Effect of Covid-19 and Role of AI Approaches in the Context of India. Journal of Pharmaceutical Negative Results, 1990-1999. https://doi.org/10.47750/pnr.2022.13.S01.234

2. **Tamrakar, L.,** Shrivastava, P., & Ghosh, S. M. (2021). An Analytical Study Of Feature Extraction Techniques For Student Sentiment Analysis. Turkish Journal of Computer and Mathematics Education, 12(11), 2900-2908.

3. **Tamrakar, L.,** Rungta, S., & Ghosh, S. M.(2021) Feature Selection Techniques Of Machine Learning For Web based learning & Student Opinion: A Survey. Flusser Studies (1661-5719), Volume-30.

4. **LatikaTamrakar,** M., Rungta, S., Ghosh, S. M., & Thakur, V.(2021) Machine Learning Based Optimization of Students' Sentiment Analysis for Assessment of Web Based Learning Management System. Vol. 6

5. **Latika Tamrakar**, S.M. Ghosh "Identification of Frequent Navigation Pattern Using Web Usage Mining" International Journal IJARCST, International journal of Advanced Research in Computer Science & Technology, Vol. 2, Issue 2, Ver. 2 Apr-June 2014.

ORIENTATION/REFRESHER/FACULTY DEVELOPMENT PROGRAM/STTP

1. **One Week** STTP on "Research Methodology Course in Social Science with Applications of SPSS" Organized by Department of Economics ,Govt. V.Y.T. PG Autonomous College,Durg(C.G.),during 27th October to 2nd November 2023.

2. **One Week** Faculty Development Program on "Indian Knowledge System" held from 20th September to 27th September,2023,organized by the department of Biotechnology, Chemistry & Physics of Govt. V.Y.T. PG. Autonomous College,Durg ,Chhattisgarh , India.

3. **One Week** Faculty Development Program on "MODULES OF SELF DEVELOPMENT "organized by Indira Gandhi Govt. Arts and Commerce College, Vaishali Nagar, Bhilai (C.G.) ,during 05th June 2021 – 11th June 2021.

4. Successfully completed **4-Week Orientation Program** for Faculty in Universities/Colleges/Institutes of Higher Education" organized by Teaching Learning Centre, Ramanujan College,University of Delhi under the aegis of ministry of human resource development Pandit Madan Mohan Malaviya National Mission on teachers and teaching from June 26 - July 24, 2020 with grade A+ .

5. **Two weeks** online Faculty Development Programme on "ICT Tools for Teaching Learning Process and Institute" jointly organized by Electronics and ICT Academics under the scheme of financial assistance for setting up of Electronics and ICT Academics" of the Ministry of Electronics and Information Technology **(MeitY)**, Government of India from 10th -21th August 2020.

6. **Three days** National Virtual Workshop on "Stress Management under the pandemic of Covid-19" organized by Govt. Digvijay PG. Autonomous College, Rajnandgaon, Chhattisgarh , from 22,23 and 24 July ,2020.

7. **Five-day** online Faculty Development Program on "Excellence in College Education after COVID- 19 Pandemic" organized by Govt. E. Raghavendra Rao Postgraduate Science college, Bilaspur, Chhattisgarh from 30th June to 4th July,2020.

8. **Two weeks** online Faculty Development Programme on "Machine Learning for Computer Vision" jointly organized by Electronics and ICT Academies under the "Scheme of financial assistance for setting up of Electronics and ICT Academies" of the Ministry of Electronics and Information Technology **(MeitY),** Government of India, With Excellent Grade, June 29 -July 8, 2020. This Program is recognized by AICTE/UGC.

9. **One-week ATAL Sponsored** Faculty Development Program on "Data Science and its Applications" at NIT, Raipur, 09 December to 13 December 2019.

10. **One Week** Faculty Development Programme on "Artificial Intelligence and Machine Learning",Sponsored by Ministry of Electronic and Information Technology **(Meity),** Govt. of India,jointly organized by Electronics and ICT Academy and Indian Institute of Technology Roorkee, during 17 December – 21 December 2018 at NIT, Raipur.

11. **One Week AICTE** approved Faculty Development Programme on "Big Data Analytics using Hadoop and Spark", Organized by Bhilai Institute of Technology, Durg (C.G.) from 26th November to 01th December 2018.

CONFERENCES/SEMINARS

1. Presented research paper titled **"Sentiment Analysis of Students Feedback using Hybrid CNN-LSTM Model"** , on the topic of " Multidisciplinary Research Local to Global Innovation" on 15th July 2023 at Puducherry, India , organized by The Progress,an initiative of Shri Aurobindo Society, India.

2. Presented research paper titled **"Sentiment Analysis of Students Feedback using BiLSTM"** in Sustainable India International Conference ,2023, on the topic of " Future Innovation and Sustainable Development for Asian Countries" on virtual mode organized by Sustainable India AUROPATH, Shri Aurobindo Society ,Puducherry, India , in association with Dhonburi Rajabhat University, Thailand 14th Jan 2023.

3. Presented paper entitles "**Priory Phase of Machine Learning for Web-Based Learning & Student Opinion: A Survey**" in the Auropath International Conference ,2019, Dhonburi Rajabhat University Thailand on" Future Innovation and Sustainable Development for Asian Countries" on virtual mode organized by AUROPATH, Shri Aurobindo Society ,Puducherry, India , 14th Dec 2019.

4. Presented paper in Two days National Seminar on **"Historical and Cultural Heritage of Tribal Society in the Present Scenario"** sponsored by Directorate General of the Ministry of Culture and Archeology at Govt. Kaktiya PG College, Jagdalpur, Bastar(C.G.) in the topic **"Role of ICT in Improving Status of Education of Tribals in India" ,** during 28-29 March 2018**.**

5. Presented paper in Two days National Seminar on **"Intervention of Information and**

Communication Technology for Productive Management of in Higher Education" Sponsored by CGCOST,Raipur organized by GD Rungta College of Science & Technology, Bhilai (C.G) in the topic **"Changing Paradigm of Indian Higher Education through Web Based E-Learning"** during 5th -6th January , 2018.

6. Presented paper in National Seminar On "**Recent Algorithmic Approach in Computer Science & Mathematics"** sponsored by CGCOST organized by Dept. of Computer Science & Mathematics at Swami Shri SwaroopanandSaraswatiMahavidyalaya, Bhilai(C.G.) in the topic **"Document Image Authentication Scheme With Data Repair Capability".**

7. Participated in National Conference on **"Current Environmental Issues and Sustainable Development"** organized by organized by Dept. of Applied Chemistry Innovation for National Development at Bhilai Institute of Technologyduring 29th -30th January 2016.

8. Participated in International Conference on **"Status of Science & Technology in Chhattisgarh State"** Sponsored by Chhattisgarh Council of Science and Technology, Raipur (C.G.) at Bhilai Institute of Technology, Durg during 19th - 20th March 2015.

9. Participated in National Conference on **"Advances in Pollution Control and Remediation"** organized by Dept. of Applied Chemistry Innovation for National Development at Bhilai Institute of Technology during 20th -21st February 2015

CONFERENCES/WORKSHOPS/STTPS ORGANIZED:

1. **Organizing Secretary** of National Workshop on data analytic using R ", held on 23-24 February 2019 at Govt kaktiya P.G. College Jagdalpur(C.G.) sponsored by CGCOST.

2. **Organizing Secretary** of Two Days National Workshop on Ethical Hacking" , organized by Department of Computer Science in association with IQAC Cell, Govt. V.Y.T. PG. Autonomous College, Durg (CG) held on 16th and 17th December 2022. (C.G.).

ACADEMIC AND ADMINISTRATIVE RESPONSIBILITIES

- Member of Board of Studies, Bastar University, Jagdalpur,(C.G.)

- Member of Board of Studies , Bharti University, Durg , (C.G.)

- Member Shri Aurobindo Society,Puducherry.

INVITED TALKS PRESENTED AS A RESOURCE PERSON/INVITED SPEAKER

- Delivered an invited talk on topic "**Career Guidance –Online Certification Course**" in Govt. Digvijaya Autonomous Post Graduation College, Rajnandgao(C.G.) on 13/12/2023.

- Delivered guest lecture on the topic **"Programming Concept & Logic Building"** in Sai Mahavidyalaya, Sector-6,Bhilai(C.G.) on 06/12/2023.

- Delivered guest lecture on the topic "**Artificial Intelligent and Machine Learning**" in Shri Shankaracharya Mahavidyalaya Junwani,Bhilai(C.G.) on 08/12/2023.

- Delivered an invited talk on **"Effective Teaching & Learning"** in 3 day virtual FDP at Bharati Group of Institutions, Durg, Chhattisgarh, India on July 2020.

- Delivered an invited talk on**"Covid-19 Pandemic: Impact & strategies for Education Sector in India"** in the Nation Webinar jointly organized by Gitanjali Teacher's Training College,Murshidabad,India and The Progress on 3rd June 2020.

PERSONAL DETAILS

Husband's Name: Shri Sumit Tamrakar

Date of Birth: 16/04/1980

Nationality: Indian

Permanent Address: House No 44, Street No 1, Teacher's Colony, Durg (C.G.)

DECLARATION

 I hereby declare that all the aforesaid information is true and correct to the best of my knowledge and belief.

(Mrs. Latika Tamrakar)