CURRICULUM VITAE

Dr. Aadil Ahmad Lawaye

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Personal Information:

- Date of Birth: 20th November 1982
- Permanent Address: Rai-teng, Khanyar, Srinagar, 190003, J&K, INDIA.
- Nationality: INDIAN
- Languages Known: English, Hindi, Urdu, and Kashmiri.
- Hobbies & Interests: Body Building, Photography, Gardening.

Academic Background:

- Completed **Ph. D** from **Assam University, Silchar.**
- Completed **MCA** from University Of Kashmir with 73%.
- Completed **BCA** from University Of Kashmir with 60%.
- Completed 12th from JK-BOSE with 53% (PCMB).
- Completed 10th from JK-BOSE with 63%.

Academic Positions:

- ✓ Presently working as **Assistant Professor** in the **Department of Computer Sciences, Baba Ghulam Shah Badshah University**, Rajouri, J&K from **September 21, 2017**.

Research Grants/Project Ongoing:

1. **Project Title**: *Development of Accent Based Automatic Speech Recognition (ASR) for Kashmiri Language.*
   Funding Agency: J&K Science, Technology and Innovation Council
   Budget: 06 lakhs
   Duration: 2 Years.
   Role: Principal Investigator.
   Status: Ongoing

2. **Project Title**: *Developing Text to Speech Recognition System for Kashmiri Language.*
   Funding Agency: Department of Science and Technology, New Delhi
   (TIDE Grant)
   Budget: **21.30** Lakhs
   Duration: 2 Years.
   Role: Principal Investigator.
   Status: Approved

Research Scholars Supervised/Enrolled:

- Ph. D : **03 (Awarded).**
  : **01 (Enrolled)**

Area of Interest/ Research Area:

Natural Language Processing, Speecch Processing and Cross Lingual Information Extraction and Retrieval.

Work Experience:

- ✓ Worked as "**Computer Scientist**" in the **Department of Linguistics**, **University of Kashmir** for the Project Entitled "**Development of Language Tools and Linguistics Resources for Kashmiri**" from **May 2008** to **October 2010** sanctioned and funded by "Ministry of Communications & Information Technology" and "Department of Information technology", Government of India, New Delhi.
- ✓ Worked as "**Computer Scientist**" in the **Department of Linguistics**, **University of Kashmir** w.e.f. **November 2010** to **May 2011** in the project entitled "**Development of Indradhanush: An Integrated WordNet for Bengali, Gujarati, Konkani, Kashmiri, Oriya, Punjabi and Urdu**" sanctioned and funded by "Ministry of Communications & Information Technology" and "Department of Information technology", Government of India, New Delhi.
- ✓ Worked as "**Computer Associate**" in the **Department of Electronics Communication and Information Technology, Sher-i-Kashmir Institute of Medical Sciences, Soura Srinagar** from **June 13th, 2011 to September 20th, 2017.**

Academic Projects Supervised:

- MCA (Academic/Research Projects): **10**
- M.Sc. Computer Science: **01**

Invited Lectures:

- Invited as resource person in the Faculty Development Programme on the theme "**Cyber Security in the Era of Artificial Intelligence**" organised by the Department of Computer Sciences, BGSB University, Rajouri from 18th of September 2023 to 22nd of September 2023.

- Invited as resource person in the workshop on the theme **"Cybersecurity in Digital Era"** organised by the Shiekh Ul Alam Memorial Degree College, Budgam from 16th-17th December 2021.

Details of Experiences other than Teaching:

- Member of BGSBU Training and Placement Cell.
- Member of BGSB University Anti-Ragging Committee.
- Member National Network Knowledge expert technical committee.

- Member of Board of Studies in Integrated MCA & MCA Programmes of the BGSB University.
- Member of Departmental Research Committee (DRC) of the Department of Physics, School of Material Science and Nanotechnology, BGSB University.
- Member admission committee for the Department of Computer Science.
- Faculty Incharge MCA Computer Lab.
- Faculty Incharge Examination for the Department of Computer Science, BGSB University.
- Member of Departmental Affairs/ Academic Projects Committee.
- Department Coordinator for AICTE/NIRF/AISHE.
- Member of Departmental Research Monitoring Committee.

Publications:

Journal Papers:

1. Enhancing English accent identification in automatic speech recognition using spectral features and hybrid CNN-BiLSTM model with Ahmed, G., Lawaye, A.A., Jain, V. *et al.* . *Multimed Tools Appl* (2025). https://doi.org/10.1007/s11042-025-20678-5
2. 'Naïve Bayes classifier for Kashmiri word sense disambiguation' with Tawseef Ahmad Mir in *Sādhanā* **49**, 226 (2024). https://doi.org/10.1007/s12046-024-02551-7
3. 'Word sense disambiguation corpus for Kashmiri' with Tawseef Ahmad Mir in Natural Language Processing, Published by Cambridge University Press, PP: 1-24 (2024). https://doi.org/10.1017/nlp.2024.31
4. 'CNN-based speech segments endpoints detection framework using short-time signal energy features' with Ghayas Ahmed in International Journal of Information Technology, 15, 4179–4191 (2023). https://doi.org/10.1007/s41870-023-01466-6
5. 'End-to-end ASR framework for Indian-English accent: using speech CNN-based segmentation' with Ghayas Ahmed in International Journal Speech Technology 26, 903–918 (2023). https://doi.org/10.1007/s10772-023-10053-w
6. 'Building Kashmiri Sense Annotated Corpus and its Usage in Supervised Word Sense Disambiguation' with Tawseef Ahmad Mir, Ghayas Ahmed, and Parveen Rana in Indian Journal of Science and Technology 16(13): 1021-1029(2023). https://doi.org/10.17485/IJST/v16i13.2396
7. 'Fibonacci Series based Virtual Machine Selection for Load Balancing in Cloud Computing' with Japman Kaur Dhaliwal, Mohd Naseem and Ehtesham Husain Abbasi in International Journal of Engineering and Technology, Vol 7, No 3.12, 2018, pp 1071-1077. https://doi.org/10.14419/ijet.v7i3.12.17634
8. '*Design and Implementation of Spell Checker for Kashmiri'* with Bipul S Purkasyastha, in International Journal of Scientific Research, Vol. V, Issue VII, July 2016, PP 199-200.
9. '*Kashmir Part of Speech Tagger Using CRF'* with Bipul S Purkasyastha., in Indian Journal of Research, Vol. 3, Issue 3, 2014, PP 37-38
10. 'Kashmiri Spell Checker and Suggestion System' with Bipul S Purkasyastha in THE COMMUNICATIONS-*Journal of Applied Research in Open and Distance Education,* 2012, ISBN: 0975-6558*,* Vol. 21, Issue 02, PP 123-127.
11. 'Multilingual Dictionary Generation Using Indo-Wordnet: A Proposal' with Neha Dixit in THE COMMUNICATIONS-*Journal of Applied Research in Open and Distance Education,* 2012, ISBN:

0975-6558*, Vol. 21, Issue 01, PP 188-191.*

12. 'Development of Unicode Complaint Kashmiri Font: Issues and Resolution' with Nazima Mehdi in *Interdisciplinary Journal of Linguistics (IJL)*,Vol 4. PP195-200.

13. 'What should be and What should not be? Developing a POS tagset for Kashmiri' with Aadil A. Kak and Nazima Mehdi in *Interdisciplinary Journal of Linguistics* (IJL), Vol 2. PP185-196*.*

14. 'Towards Developing a Tagset for Kashmir' (2009) with Aadil A.Kak and Nazima Mehdi in *Nepalese Linguistics*, Vol 24. PP49-60.

Edited Books/Conference Prcoeedings/Chapters:

15. "Convolutional neural network for developing robust speech technology" with Ghayas Ahmed, in Deep Learning in Engineering, Energy and Finance: Principals and Applications (1st ed.). CRC Press. https://doi.org/10.1201/9781003564874

16. "Machine Learning Approach for Kashmiri Word Sense Disambiguation" with Tawseef Ahmad Mir, Mahmood Hussain Mir and Ghayas Ahmed, in Empowering Low-Resource Languages With NLP Solutions, IGI Global, 2024, pp. 113-136.
https://doi.org/10.4018/979-8-3693-0728-1.ch006

17. 'NLP Techniques and Challenges to Process Social Media Data' with Tawseef Ahmad Mir and Akib Mohi Ud Din, In Advanced Applications of NLP and Deep Learning in Social Media Data, PP 171-218. Hershey, PA: IGI Global, 2023.
https://doi.org/10.4018/978-1-6684-6909-5.ch009

18. 'Comparative Analysis of Decision Tree and k-NN to Solve WSD Problem in Kashmiri' with Tawseef Ahmad Mir, Ghayas Ahmed, and Parveen Rana. Lecture Notes in Networks and Systems, vol 731, PP. 243--254. Springer Nature, 2023.
https://doi.org/10.1007/978-981-99-4071-4_20

19. 'Advances Toward Word-Sense Disambiguation' with Tawseef Ahmad Mir, Ghayas Ahmed, and Parveen Rana. in Lecture Notes in Networks and Systems, vol 731, PP. 177-189. Springer Nature, 2023. https://doi.org/10.1007/978-981-99-4071-4_15

20. 'Toward Developing Attention-Based End-To-End Automatic Speech Recognition' with Ghayas Ahmed, Tawseef Ahmad Mir, and Parveen Rana in Lecture Notes in Networks and Systems, vol 731, pp. 147-161. Singapore: Springer Nature Singapore, 2023.
https://doi.org/10.1007/978-981-99-4071-4_13

21. 'Modern Approach of Speech Recognition' with Ghayas Ahmed in Modern Approaches to Mathematics and Computer Sciences, Volume II, PP 100-109, 2022, ISBN : 978-93-93333-31-5

22. 'Automatic Speech Recognition Types: A review' with Ghayas Ahmed in Proceedings of at National Conference on Emerging Vistas of Computer Science & IT in 21st Century, PP 277-282, December 2021.

23. 'Word Sense Disambiguation For Kashmiri Language Using Supervised Machine Learning', with Tawseef Ahmad Mir in Proceedings of the 17th International Conference on Natural Language Processing, PP 243-245, 2020, NLP Association of India (NLPAI).
https://aclanthology.org/2020.icon-main.32

24. 'Pan-Indian Dictionary Generation Using Indo-WordNet' with Neha Dixit., in Language and Society, 2013, ISBN: 978-81-921957-0-4, PP 221-224

25. 'Towards Developing a Hierarchical Part of Speech Tagger for Kashmiri: Hybrid Approach' with Bipul S Purkasyastha., in Proceeding of the 2nd National Conference on Advancements in the

Era of Multidisciplinary Systems, Elsevier Publications, ISBN: 978-93-5107-057-3, PP 187-192

26. 'Building a Cross Script Kashmiri Converter: Issues and Solutions' with Aadil A.Kak and Nazima Mehdi in Proceedings for Oriental COCOSDA Workshop (The International Committee for the Coordination and Standardization of Speech Databases and Assessment Techniques, 2010, Kathmandu Nepal. http://desceco.org/O-COCOSDA2010/proceedings.php

27. 'Developing a Paradigm Based Morphological Analyzer for Kashmiri' with Aadil A. Kak and Nazima Mehdi in Proceedings of the Third Students Conference of Linguistics in India (Sconli-3), PP108-113.

28. 'Modified Persio-Arabic Modified Devanagari Converter: The Case of Kashmiri' with Aadil A. Kak and Nazima Mehdi in New Perspectives in Linguistics, PP130-138.

29. 'Developing a POS Tagger for Kashmiri' with Aadil A.Kak and Nazima Mehdi in New Directions in Linguistics, PP169-182.

Papers Presented:

1. "Role Of NLP In Implentation Of NEP-2020" during the National Seminar on Bharatiya Bhasha Pariwar: The Role of Regional Languages in the Development of the Nation wrt NEP 2020" held on 19th February, 2025, organized by the Department of English, BGSB University, Rajouri in collaboration with Bharatiya Bhasha Samiti, Ministry of Education, Government of India.

2. 'Kashmiri Language and NLP; Issues, Challenges and Advancements' at Two Day National Conference on Technological Intervention in Promoting Kashmiri Language organized by Habba Khatoon Centre for Kashmiri Language and Literature, IUST Awantipora from 9th to 10th October 2024.

3. 'Improving Word Sense Disambiguation using Lemmitization' at International Conference on Artificial Intelligence, Machine Learning and Intellegent Systems(ICAIMLIS-2023) organized by Islamic University of Islamic University of Science and Technology, Awantipora on 30-31st October 2023.

4. 'A review on Named Entity Recognition – Challenges, Datasets and Tools' at International Conference on Artificial Intelligence, Machine Learning and Intellegent Systems(ICAIMLIS-2023) organized by Islamic University of Islamic University of Science and Technology, Awantipora on 30-31st October 2023.

5. 'Comparative Analysis of Decision Tree and k-NN to Solve WSD Problem in Kashmiri' at 6th International Conference on Innovative Computing and Communication (ICICC -2023) organized by Shaheed Sukhdev College of Business Studies, University of Delhi in association with NIT Patna and the University of Valladoid, Spain on 17th–18th February 2023.

6. 'Advances Toward Word-Sense Disambiguation' at 6th International Conference on Innovative Computing and Communication (ICICC -2023) organized by Shaheed Sukhdev College of Business Studies, University of Delhi in association with NIT Patna and the University of Valladoid, Spain on 17th–18th February 2023.

7. 'Toward Developing Attention-Based End-To-End Automatic Speech Recognition' at 6th International Conference on Innovative Computing and Communication (ICICC -2023) organized by Shaheed Sukhdev College of Business Studies, University of Delhi in association with NIT Patna and the University of Valladoid, Spain on 17th–18th February 2023.

8. 'Automatic Speech Recognition Types: A review' at National Conference on Emerging Vistas of Computer Science & IT in 21st Century on December 18, 2021 organized by Parul University.

9. 'Towards Developing English to Dogri Machine Translation System' at "National Conference on Emerging Vistas of Computer Science & IT in 21st Century" on December 18, 2021 organized by Parul University.

10. 'Handling Lexical Ambiguity in Kashmiri Language using Probabilistic Context Free Grammar' at National Conference on Emerging Vistas of Computer Science & IT in 21st Century on December 18, 2021 organized by Parul University.

11. 'Word Sense Disambiguation: A Survey' at Two Day's International Conference on Recent Development in Engineering and Technology held from 26-02-2021 to 27-02-2021 at Anand International College of Engineering, Jaipur.

12. *'Font issues in Kashmiri and their Resolution using Unicode Standard 10.0'* at 13th J&K Science Congress organized by University of Kashmir from 2nd to 4th April, 2018.

13. *'Pan-Indian Dictionary using Indo WordNet'* at National Conference on Changing Trends in Language and Society" organized by Organized by Institute of Engineering & Technology-Bhaddal Punjab , from 20th -21th Dec 2012.

14. *'Modified Persio-Arabic Modified Devanagari Converter: The Case of Kashmiri' at* International Conference on Recent Advances in Linguistics (ICRAL)organized by Dept. of Linguistics, Bharathair University, Coimbatore, from 15th -16th Dec 2010.

15. *'Developing a POS Tagger for Kashmiri' at* International Conference on Recent Advances in Linguistics (ICRAL)organized by Dept. of Linguistics, Bharathair University, Coimbatore, from 15th -16th Dec 2010.

16. *'Towards a Combined Attempt to Simultaneous Synset Linkage and Synset Expansion' at* 8th International Conference on Natural Language Processing (ICON 2010) organized by Indian Institute of Technology, Khragpur India, from 8th -11th Dec 2010.

17. *'Synset Categorization for Synset Creation: A Proposal' at* 8th International Conference on Natural Language Processing (ICON 2010) organized by Indian Institute of Technology, Khragpur India, from 8th -11th Dec 2010.

18. *'Developing a Rule-Based Morphological Analyzer for Kashmiri' at* Knowledge Sharing Event on Morphological Analyzers and Generators organized by Linguistic Data Consortium for Indian Languages (LDC-IL), Central Institute of Indian Languages (CIIL), Mysore on 22rd-23rd March 2010.

19. *'English-Kashmiri-Hindi e-dictionary: A Case Study'* at Knowledge Sharing Event on Making of Electronic Dictionary organized by Linguistic Data Consortium for Indian Languages (LDC- IL), Central Institute of Indian Languages (CIIL), Mysore on 24th March 2010.

20. *'Tagset Design for Kashmiri: A Hierarchical Perspective '* at the 9th International Conference on South Asian Languages (ICOSAL-9)organized by the Department of Linguistics and Punjabi Lexicography, Punjabi University Patiala in collaboration with CIIL, Mysore from 7th-9th January 2010.

21. 'Developing a Rule Based Morphological Analyzer for Kashmiri' at the 31st All India Conference of Linguistics (AICL 2009) organized by the Centre for Applied Linguistics and Translation Studies (CALTS), University of Hyderabad from 15th-17th December 2009.

22. 'English – Kashmiri – Hindi e-Dictionary' at the 31st All India Conference of Linguistics (AICL2009) organized by the Centre for Applied Linguistics and Translation Studies (CALTS), University of Hyderabad from 15th-17th December 2009.

23. 'Handling Ambiguity Resolution in Machine Translation using Probabilistic Context Free Grammar' at the National Seminar on Classical Texts Translation organized by the Central Institute of Indian Languages, Mysore, in collaboration with Kashmir University, Srinagar from 8th August to 9th August, 2009.

24. *'What should be and what should not be?: Developing a POS Tagset for Kashmiri'* at the National seminar on Perspectives in Linguistics (NSPL 2008)organized by the Department of Linguistics, University of Kashmir on 4th- 5th November 2008.

25. '*Font Issues in Kashmiri and Their Resolution*' at the National Seminar on Perspectives in Linguistics (NSPL 2008) organized by the Department of Linguistics, University of Kashmir on 4th-5th November 2008.

26. *'Issues in Kashmiri NLP'* at the open symposium of the SECOND IIIT-H ADVANCED SCHOOL ON NATURAL LANGUAGE PROCESSING-2008 (2nd IASNLP-2008) held at the International Institute of Information Technology (IIIT), Hyderabad on June 09, 2008.

Work Shops/Seminars Attended:

1. Participated in the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by UGC-MMTTC, Maulana Azad National Urdu University, Hyderabad from 16th to 25th January, 2024.

2. Participated in Microsoft, SAP, AICTE led Faculty Development Programme on Applied Cloud Computing for Full Stack Web Development under TechSaksham from 4th December 2023 to 8th December 2023.

3. Participated in Microsoft, SAP, AICTE led Faculty Development Programme on AI Evolution: From Foundations to Generative AI under TechSaksham from 14th November 2023 to 18th November 2023.

4. Particpated in UGC Sponsored webinar on "National Education Policy(NEP)-2022" entitled Multidisplinary and Holistic Education Organised by UGC-Human Resource Development Centre, University of Kashmir on 19th of July 2023.

5. Participated in One Week Faculty Development Programme on "Advancement of Artificail Intellegence in Cyber Security " organized by Department of Computer Science and Engineering, Ajay Kumar Garg Engineering College, Ghaziabad 19-23 June 2023.

6. Participated in IP Awareness/Training program under NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION jointly Organized by Intellectual Property Office and MoE's Innovation Cell, Indiaon August 30,2022.

7. Participated in International Seminar on Artificial Intelligence and Applications jointly organized by Interdisciplinary Centre for Artificial Intelligence and Department of Computer Engineering, Aligarh Muslim University, Aligarh on 7th March 2022 in online mode.

8. Participated in AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Machine Learning Applications on Image Processing" from 17/01/2022 to 21/01/2022 at Nagarjuna College of Engineering and Technology.

9. Participated in AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Machine Learning Applications in NLP and Computer Vision" from 04/10/2021 to 08/10/2021 at Department of Computer Science, Punjabi University Patiala.

10. Participated in One Day Webinar "Artificail Inteeligence and Machine Learning- Emerging Trends and Applciations" organized by Department of Information Tenhnology, BGSB University, Rajouri on 16th October 2021.

11. Participated in the One-Day Online Workshop on "How to Conduct the Student Induction (SIP) Program" on 20th September, 2021 organized by All India Council for Technical Education(AICTE).

12. Participated in the One Day Webinar on "Application of Cognitive Technologies in Insudtry 4.0" organized by Department of Computer Science, BGSB University, Rajouri on 18th September 2021.

13. Participated in One Week Faculty Development Programme on "Cyber Security in Digital Era" organized by Department of Computer Sciences, BGSB University, Rajouri, under the banner of Kamyaabi-An Initiative in Career Development from 23rd of August, 2021 to 27th of August, 2021.

14. Participated in National Seminar on "Language Resources and Artificail Inteeligence in Indian Languages", organized by Linguistic Data Consortium for Indian Languages(LDC-IL), CIIL, Mysore on June 15th, 2021.

15. Participated in Talk Series on "Horizons of Computational Linguistics: with reference to prosody and Image Processing", organized by Department of Linguistics, Assam University, Silchar, on June 6th, 2021.

16. Participated in Online International Workshop on "Recent Advancement on Electronics and Computer Intelligence (RAECI-2021)", organized by Sambalpur University Institute of Information Technology, Odisha from 26th April, 2021 to 30th April, 2021.

17. Participated in International Seminar on "Advances in Artificail Inteeligence & Machine Learning", jointly organized by Department of Computer Engineering & Interdisciplinary Centre for Artificial Intelligence, Aligarh Muslim University, Aligarh, from 19th March, 2021 to 21st March, 2021.

18. Participated in One Week Faculty Development Programme on "Scientific Writing Using Latex" under the banner of Kamyaabi-An initiative in Career Development, organized by Department of Computer Sciences, BGSB University, Rajouri, from 05th October, 2020 to 9th of October, 2020.

19. Participated in One Week National e-Workshop on "Leveraging Education for Harnessing Entrepreneurship, Research & Innovation (LEHERI-2020)" organized by Department of Higher Education , J&K in collaboration with GIAN, India from September 7-12, 2020.

20. Participated in International Webinar on "Leveraging Artificial Intelligence in Healthcare-Special Reference to COVID-19 Pandemic" held on 28th July, 2020 organized by Amar Singh College, Srinagar

21. Participated in International Seminar on " Advancements in Computing & Informatics" organized by Department of Information Technology, BGSB University on 21st July 2020.

22. Participated in Faculty Development Programme on R organized by Chouksey Engineering College with course material provided by Spoken Tutorial Project, IIT Bombay from 15 June 2020 to 21 June 2020. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

23. Participated in Online Faculty Development Programme (12 weeks NPTEL Course) on The Joy of Computing Using Python from January – April 2020, organized by IIT Madras.

24. Participated in Two Week DST Sponsored FDP on "Quantum Science & Technology" organized by School of Material Sciences & Nanotechnology, BGSB University, Rajouri from 16-30, December 2019.

25. Participated in One Week AICTE recognized FDP on 'Data Science Using R' through ICT organized by National Institute of Technical Teachers Training and Research, Chandigarh and conducted by Computer Science Department, Baba Ghulam Shah Badshah University, Rajouri, J&K from October 14th, 2019 to October 18th , 2019.

26. Participated in Three Weeks 83rd General Orientation Course organized by UGC-HRD Centre, University of Kashmir, J&K from July 9th, 2019 to July 30th, 2019.

27. Participated in Two Weeks Faculty Development Programme on Machine Learning (FDP-ML 2019) organized by Department of Computer Sciences, Baba Ghulam Shah Badshah University, Rajouri, J&K from April 22nd, 2019 to May 4th, 2019.

28. Participated in AICTE recognized Short Term Course on 'Application development using Angular Java' through ICT organized by National Institute of Technical Teachers Training and Research, Chandigarh and conducted by Computer Science Department, Baba Ghulam Shah Badshah University, Rajouri, J&K from February 25th, 2019 to March 1st, 2019.

29. Participated in AICTE recognized Short Term Course on 'Artificial Intelligence and Optimization' through ICT organized by National Institute of Technical Teachers Training and Research, Chandigarh and conducted by Computer Science Department, Baba Ghulam Shah Badshah University, Rajouri, J&K from January 21st, 2019 to January 25th, 2019.

30. Participated in AICTE recognized Short Term Course on 'Tools for Scientific Research and in Engineering and Science' through ICT organized by National Institute of Technical Teachers Training and Research, Chandigarh and conducted by Electrical Engineering Department, Baba Ghulam Shah Badshah University, Rajouri, J&K from November 12th, 2018 to November 16th, 2018.

31. Participated in the 'One Week Workshop on Machine Learning: Tools & Techniques' organized by the Department of Computer Science & Engineering and Information Technology & Engineering in Collaboration with Aligarh Muslim University from 31st October 2018 to 4th November, 2018.

32. Participated in the "One Day Workshop on Analysis of Complex Datasets using SATA' organized by Department of Economics, School of Management Studies & Economics, BGSB University, Rajouri on 16th October 2018.

33. Participated in the 'One Day Seminar on Cloud Computing – Microsoft Azure' organized by the Department of Computer Science and Engineering, School of Engineering and Technology, BGSB University, Rajouri on 6th October 2018.

34. Participated in AICTE recognized Short Term Course on 'Internet of Things (IOT)' through ICT organized by National Institute of Technical Teachers Training and Research, Chandigarh and conducted by Computer Science & Engineering Department, Baba Ghulam Shah Badshah University, Rajouri, J&K from August 6th, 2018 to August 10th, 2018.

35. Participated in the 'Two Day Workshop on Outcome Based Education (OBE)' organized by School of Engineering and Technology, Baba Ghulam Shah Badshah University, Rajouri, J&K from March 19th – 20th, 2018.

36. Participated in the 'One Week Short Term Course on Recent Advances in Power and Engineering Management' organized by Department of ERE, Baba Ghulam Shah Badshah University, Rajouri, J&K from March 12th – 16th, 2018.

37. Participated in AICTE recognized Short Term Course on 'MATLAB and LABVIEW with its Hardware Interface' through ICT organized by National Institute of Technical Teachers Training and Research, Chandigarh and conducted by Electrical Engineering Department, Baba Ghulam Shah Badshah University, Rajouri, J&K from January 29th, 2018 to February 2nd, 2018.

38. Participated in the 'YDR cum Research Ethics Workshop' organized by YDR Collaborating Center SKIMS and Institutions Ethics Committee (IEC), SKIMS held at Sher-i-Kashmir Institute of Medical Sciences, Srinagar from 9th - 10th November, 2016.

39. Participated in 'The 3rd IIIT-H Advanced School on Natural Language Processing-2011(3rd IASNLP-2011)' held at the International Institute of Information Technology, Hyderabad from 23th May to 5th June 2011.

40. Participated in the 2ND National Workshop on Indo-WordNet organized by Indian Institute of Technology (IIT), Bombay in collaboration with Nepalese WordNet Group, Silchar at Shillong from 12th April, 2010 to 14th April, 2010.

41. Participated in the Workshop on Hindi-English-Kashmiri dictionary organized by Central Institute of Indian Languages (CIIL), Mysore at Dept. of Linguistics, University of Kashmir from 27th March to 1st April 2010.

42. Participated in the "International Seminar on Language, Culture and Identity: Issues and Challenges" jointly organized by Department of Linguistics , Aligarh Muslim University, CIIL Mysore and Indian Council of Social Sciences Research, New Delhi from February 8th – 10th , 2010.

43. Participated in the '5th Global WordNet Conference' organized by Indian Institute of Technology Bombay, from 31st Jan to 4th Feb 2010.

44. Participated in the 'Comprehensive Workshop on WordNet Building for Indian Languages' led by Dr. Phuspak Bhattacharya, IIT Bombay, from 11th June to 14th June 2009 at Amrita University, Coimbatore.

45. Participated in the interaction program with the Central Institute of Indian Language, Mysore from 30th Jan to 20th Feb. 2009.

46. Participated in "The Second IIIT-H Advanced School on Natural Language Processing-2008 (2nd IASNLP-2008)" held at International Institute of Information Technology, Hyderabad (IIIT-H) from 26th May to 9th June 2008.

Work Shops/Seminars Organised:

1. Organized One Day Webinar on "Application of Cognitive Technologies in Insudtry 4.0" organized by Department of Computer Science, BGSB University, Rajouri on 18th September 2021.

2. Organized One Week Faculty Development Programme on "Scientific Writing Using Latex" under the banner of Kamyaabi-An initiative in Career Development, organized by Department of Computer Sciences, BGSB University, Rajouri, from 05th October, 2020 to 9th of October, 2020.

3. Coordinator for conducting One Week AICTE recognized FDP on 'Data Science Using R' through ICT organized by National Institute of Technical Teachers Training and Research, Chandigarh at Department of Computer Science, Baba Ghulam Shah Badshah University, Rajouri, J&K from October 14th, 2019 to October 18th, 2019.

4. Organized Two Weeks Faculty Development Programme on Machine Learning (FDP-ML 2019) organized by Department of Computer Sciences, Baba Ghulam Shah Badshah University, Rajouri, J&K from April 22nd, 2019 to May 4th, 2019.

5. Coordinator for conducting One Week AICTE recognized Short Term Course on 'Application development using Angular Java' through ICT organized by National Institute of Technical Teachers Training and Research, Chandigarh at Department of Computer Science, Baba Ghulam Shah Badshah University, Rajouri, J&K from February 25th, 2019 to March 1st, 2019.

6. Coordinator for conducting One Week AICTE recognized Short Term Course on 'Artificial Intelligence and Optimization' through ICT organized by National Institute of Technical Teachers Training and Research, Chandigarh at Department of Computer Science, Baba Ghulam Shah Badshah University, Rajouri, J&K from January 21st, 2019 to January 25th, 2019.

References:

1. **Prof. Phuspak Bhattachrya**
   FNAE, Abdul Kalam National Fellow,
   Professor
   Computer Science and Engineering Department, Indian Institute of Technology Bombay
   pb@cse.iitb.ac.in

2. **Prof. Bipul Syam Purkayshta**
   Professor
   Department of Computer Science
   Assam University, Silchar

bipul_sh@hotmail.com

3. **Prof. Vinod Sharma**
   Department of Computer Science and Information Technology
   University of Jammu, Jammu,
   vinod@csc.jammuuniversity.in

Dr. Aadil Ahmad Lawaye

Dated: 5ᵗʰ Febuary 2025.