

CURRICULUM VITAE



Dr. Hilal Ahmad Khanday

Assistant Professor

Department Of Computer Sciences,
South Campus, University of Kashmir.

E-mail: hilalhyder@gmail.com /

hilalkhanday@kashmiruniversity.ac.in

Office Address

Department Of Computer Sciences,
South Campus, University of Kashmir
Fatehgarh, Anantnag, J&K - 192101

Permanent Address

Larkipora, Dist. Anantnag
Jammu & Kashmir, India -
192210.

Aim/Objective

Creating an atmosphere of intellectual excitement as the excitement of ideas is the catalyst for learning. Stimulating the curiosity of the students, channelizing it within structured frameworks, and revealing my own intellectual interests.

Academic Record

- **Ph. D** from University of Kashmir - 2019
- **UGC- JRF** (Computer Science & Applications) - 2012
- **UGC- NET** (Computer Science & Applications) - 2012
- **JK- SET** (Computer Science& Applications) - 2013
- **GATE** (CS & IT) , MHRD – 2012
- **M.C.A** from Islamic University of Science and Technology, J&K - 2010.
- **B.C.A** from University of Kashmir, Srinagar, J&K – 2007.

Achievements/ Honors

- Awarded as **Junior Research Fellow** by University Grants Commission, New Delhi (December 2012) as the **first candidate from Kashmir** in the field of **Computer Science and Applications**.
- Consistently graded as “**Excellent Teacher**” by DIQA, University of Kashmir for the years **2013, 2014 2019, 2020, 2021 and 2022** based upon the feedback data received from students.
- Received **Best Paper Presentation Award** in **11th JK Science Congress 2015** in the field of Computer Sciences.

Teaching Experience

- **May 2019– Present** **Sr. Assistant Professor,**
South Campus- University of Kashmir
- **Aug. 2013 – May 2019** **Assistant Professor,**
South Campus- University of Kashmir

Area(s) of Research/ Interest

- Data Analytics
- Artificial Intelligence

Publications

- Aaquib Hussain Ganai, Rana Hashmy, **Hilal Ahmad Khanday**, “*Finding Information Diffusion’s Seed Nodes in Online Social Networks Using a Special Degree Centrality*” SN Computer Science, 5:333 (2024)
- Mudasir Mohd, Nowsheena , Mohsin Altaf Wani, **Hilal Ahmad Khanday ***, Umar Bashir Mir, Sheikh Nasrullah, Zahid Maqbool, Abid Hussain Wani, “*Semantic-Summarizer: Semantics-based text summarizer for English language text*”, Software Impacts 18 (2023)
- Mudasir Mohd, Saheeba Javeed, Mohsin Altaf Wani, **Hilal Ahmad Khanday***, Abid Hussain Wani, Umar Bashir Mir, Sheikh Nasrullah ”*PoliWeet-Election prediction tool using tweets*”, Software Impacts, 2023
- Mudasir Mohd, Saheeba Javeed, Nowsheena, Mohsin Altaf Wani, **Hilal Ahmad Khanday**, “*Sentiment analysis using lexico-semantic features*”, Journal of Information Science, SAGE Publications, 2022
- **Hilal Ahmad Khanday**, Rana Hashmy, “*Finding Influential Users in Online Social Networks: A Tree-based Approach*”, Journal of Artificial Intelligence Research & Advances, 5(3): 66–70p, 2018.
- **Hilal Ahmad Khanday**, Rana Hashmy, Zahid Hussain Wani, “*Leveraging Fuzzy Logic for Finding Influential Users in Online Social Networks*”, International Journal of Scientific Research in Computer Science Applications and Management Studies Volume 8, Issue 1 ISSN 2319 – 1953, January 2019.
- Mahwash Bukhari, Sheeba Farooq, **Hilal Ahmad Khanday**, Zahid Hussain Wani, “*An Intelligent Fuzzy Based Framework for Prediction of Heart Diseases*”, Journal of Advances in Shell Programming, 6(1): 1–7p. 2019.
- **Hilal Ahmad Khanday**, Rana Hashmy, “*Exploring Different Aspects of Social Network Analysis Using Web Mining Techniques*”, International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Volume 4, Issue 2, pp. 121-125 , ISSN 2278-6856. March - April 2015
- Salma Farooq, **Hilal Ahmad Khanday**, “*Opinion Spam Detection: A Review*”, International Journal of Engineering Research and Development, Volume 12, Issue 4, PP.01-08 , April 2016
- Aaquib Hussain Ganai, Nowsheena Bhat, Rana Hashmy, **Hilal Ahmad Khanday**, Mudasir Mohd, Mohsin Altaf Wani, “*Synergizing Information Diffusion: Exploring IoT and Blockchain Integration in*

- Online Social Networks”, in: Blockchain-based Internet of Things Opportunities, Challenges and Solutions, Iraq Ahmad Reshi, Sahil Shora, Chapman and Hall/CRC, ISBN : 9781003407096, 2024
- Ashaq Hussain Bhat, Puniethaa Prabhu, **Hilal Ahmad Khanday**, Korhan Cingez, “Artificial Intelligence (AI) Applications for Smart Wearables”, in : "Handbook of Artificial Intelligence and Wearables" Edited By: Hemachandran K, Manjeet Rege, Zita Zoltay Paprika, K. V. Rajesh Kumar, Shahid Mohammad Ganie, CRC Press, ISBN: 9781032686714, 2023.
 - Aaquib Hussain Ganai, Rana Hashmy, **Hilal Ahmad Khanday**, “Components of Information Diffusion and Its Models in Online Social Networks; a Comparative Study” in : Advances in Data Science and Computing Technologies: Lecture Notes in Electrical Engineering (LNEE, volume 1056)Editors: Basabi Chakraborty, Arindam Biswas, Amlan Chakrabarti, Springer, Print ISBN: 978-981-99-3655-7 Online ISBN: 978-981-99-3656-4, 2023.
 - Aaquib Hussain Ganai , Rana Hashmy, **Hilal Ahmad Khanday**, “Cascading Behavior Of Information Diffusion And Its Morphological Handlings In Online Social Networks; A Comparative Study”, The Global Knowledge Foundation, USA Inc, ISBN: 2769-5093, 2022.
 - Mudasir Mohd, Muzafar Bashir, Umeer bashir, **Hilal Ahmad Khanday**, Abid Hussain Wani, Mohsin Altaf Wani and Dr. Rana Hashmy “Sumdoc: A Unified Approach for Automatic Text Summarization”, In: Pant M., Deep K., Bansal J., Nagar A., Das K. (eds) Proceedings of Fifth International Conference on Soft Computing for Problem Solving. Advances in Intelligent Systems and Computing, vol 436. **Springer, Singapore**, 2016.
 - **Hilal Ahmad Khanday**, Rana Hashmy ,Aaquib Hussain Ganai, “NPCCPM: An Improved Approach Towards Community Detection in Online Social Networks”, In: Deka G., Kaiwartya O., Vashisth P., Rathee P. (eds) Applications of Computing and Communication Technologies. ICACCT 2018. Communications in Computer and Information Science, vol 899. **Springer, Singapore**, 2018.
 - **Hilal Ahmad Khanday**, Aaquib Hussain Ganai, Rana Hashmy, “A Comparative Analysis of Identifying Influential Users in Online Social Networks”, in International Conference on Soft-computing and Network Security (ICSNS), Coimbatore, Publisher: **IEEE Explore** , pp. 1-6, 2018.

➤ **Conferences Attended**

- Presented a paper (oral) in “6th International Conference on Recent Trends & Advancements in Engineering & Technology”on “Exploring Tree Data Structure for Detection of Influential Users in Online Social networks” organized by SMUDU, Katra, on 18-01-2020
- Presented a paper (oral) in "International Conference on Sustainable Development and Technology Innovation", on "A Comparative Study and Evaluation of Various Community Detection Algorithms in Online Social Networks", organized by Islamic University of Science technology Kashmir, from 23-12-2015 to 24-12-2015
- Presented a paper (oral) in "3rd International Conference on Recent Trends and Advancements in Engineering & Technology", on "Exploring Graph Theoretic Based Mathematical Aspects of Online Social Networks", organized by SMUDU, Katra, from 17-11-2016 to 18-11-2016

- Presented a paper (oral) in "SEEDS, 2017", on "A Collective Dynamics of Online Social Networks", organized by Dept. of Electronics & Instrumentation Technology, University of Kashmir, from 24-03-2017 to 25-11-2017
- Presented a paper (oral) in "International Conference on Recent Trends and Advancements in Engineering & Technology", on "An Efficient Genetic Algorithm for Community Detection in Online Social Networks", organized by SMVDU, Katra, from 03-11-2017 to 04-11-2017

Subjects Taught at P.G-Level

- ✓ Discrete Mathematics.
- ✓ **Recreational Mathematics (Introduced)**
- ✓ Design & Analysis of Algorithms.
- ✓ Database Management Systems.
- ✓ Data Warehousing and Data Mining.
- ✓ Data Communications and Computer Networks.
- ✓ Advanced Operating Systems.
- ✓ Advanced Computer Architectures.
- ✓ Mobile & Wireless Communications.
- ✓ Numerical and Statistical Computing.
- ✓ Technical Communication.

Workshops/ Special P.G.Training(s)/ Project Guidance

- ✓ Attended Two months Advanced Java Training at HCL Info Systems, Noida (in 2009).
- ✓ Attended an Orientation Course on "General Orientation Course", organized by UGC- Human Resource Development Cell , University of Kashmir, from 05-11-2015 to 04-12-2015
- ✓ Attended a Workshop on "Creating Dynamic websites using Drupal", organized by Department of Computer Science , South Campus- University of kashmir, dated 09-12-2015
- ✓ Attended a Seminar on "UGC Sponsored National Seminar on Electronic Devices, Systems and Information Security", organized by PG Dept. of Electronics and Instrumentation Technology, University of Kashmir, from 18-03-2016 to 19-03-2016
- ✓ Attended a Workshop on "Computer Networking: Technologies & Opportunities", organized by Department of Computer Science, South Campus, University of Kashmir, dated 09-12-2017
- ✓ Attended a Workshop on "Competition on Legal Rights of Women", organized by Dept. of Management Studies, South Campus, University of Kashmir, dated 20-12-2018
- ✓ **Guided more than 200 students in their Postgraduate Projects.**

Personal Details

- Name: Hilal Ahmad Khanday
- Father's Name: Ab. Rahman Khanday

- Contact Number: +91 9697774897
- Date of Birth: 03 March 1986
- Marital status: Single
- Permanent Address: Larkipora, Dist. Anantnag, Jammu & Kashmir, India - 192210

I hereby declare that all the above-furnished information is true to the best of my knowledge and belief.

Dr. Hilal Ahmad Khanday