

KHALIL AHMED

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I, Khalil Ahmed received the B.E degree in Computer Science & Engineering from GCET Jammu, JK, India in 2007 and M.E. (CSE) from NITTTR Chandigarh in 2018. Currently I am pursuing Ph.D.(CSE) from GNDU Amritsar, Punjab. My research interests are Image Processing, Machine and Deep Learning, Design and Analysis of Algorithms, Cloud Computing. My objective is to contribute relevant experience in a challenging atmosphere wherein my professional skills would prove useful and beneficial for the growth of the world and my caliber as such. I wish to be a part of any latest cutting edge development and always have a desire to learn, research and implement the same.



WORK EXPERIENCE:

- ✓ **Assistant Professor**, Computer Science and Engineering, School of Engineering & Technology, BGSB University, Rajouri, J&K, India, since September, 2008.
- ✓ **HoD (I/c)**, Computer Science and Engineering, School of Engineering & Technology, since October, 2013.

A. Personal Information:

1. Name : Khalil Ahmed
2. Parentage : Jenab Mangta
3. Date of Birth : 02/02/1984
4. Permanent Address : R/o Dodla, Teh. Basohli, District Kathua, JK -184201
5. Present Address : Quarter No. BA-15, BGSB University, Rajouri -185234
6. Martial status : Married

B. Current Position : Assistant Professor (I/c HoD CSE)

C. Academic Record (High School onwards)

S. No.	Exam. Passed	Board / University	Year of passing	Percentage of Marks	Division	Subject Offered
1	10 th	JK BOSE	2001	64.8	First	General
2	12 th	JK BOSE	2003	81.33	Distinction	Non Medical
3	B.Tech	Jammu University	2007	64.23	First	Computer Engineering
4	M.Tech	NITTTR, Chandigarh, Panjab University	2018	82.7	Distinction	Computer Science Engineering
5	Ph.D.	Computer Engg. and Tech., GNDU, Amritsar	Pursuing			Computer Engineering

D. Research Experience: 3 years

E. Subjects of Interest:

- ✓ Image Processing.
- ✓ Design & Analysis of Algorithms.
- ✓ Computer Programming.
- ✓ Cloud Computing.

F. Awards / Medals/Projects / Academic Distinction :

- ✓ Received a project grant of amount Rs 2.99 Lakh as Principal Investigator under Research Grant Scheme from TEQIP-III fund for project title “Human identity and gender recognition from Gait sequences using SRML, SURF and SVM” with reference No.:BGSBU/TEQIP-III/RGS/001, Dated:06.01.2020.
- ✓ Received a project grant of amount Rs 3.00 Lakh as Co-Principal Investigator under Research Grant Scheme from TEQIP-III fund for project title “Development of computational tools for analysis and prediction of diseases-relevant mutations in essential genes of different species ” with reference No.:BGSBU/TEQIP-III/RGS/002, Dated:06.01.2020.
- ✓ Received a project grant of amount Rs3.00 Lakh as Co-Principal Investigator under Research Grant Scheme from TEQIP-III fund for project title “Automated multimodality image analytics for breast cancer diagnosis and prognostication using Deep learning:An Indian perspective ” with reference No.:BGSBU/TEQIP-III/RGS/003, Dated:06.01.2020.
- ✓ Appreciation award in Five days workshop on “Basics of MATLAB Programming & Simulink” Organized by the Departments of CSE and ERE, CoET, BGSBU from November 15 to 19, 2016.
- ✓ Appreciation award in three days workshop on “Android App Development” conducted by Technophilia Systems in collaboration with Department of CSE, CoET, BGSBU from March 27 to 29, 2014.
- ✓ Qualified GATE-2013 Examination with 98.853 percentile.

G. List of Publications

- Full papers in peer reviewed journals:
- ✓ **Khalil Ahmed** and Dr. Munish Saini have published a research paper titled “FCML-Gait: Fog Computing and Machine Learning Inspired Human Identity and Gender Recognition using Gait Sequences “in the journal Signal, Image and Video Processing (SIVP) of Springer on 04th, May 2022 with DOI:<https://doi.org/10.1007/s11760-022-02217-z> and Impact Factor: 2.157.
- ✓ **Khalil Ahmed**, Amit Doegar, “A Review on Human Identity and Gender Recognition from Gait Sequences”, International Journal of Research in Electronics and Computer Engineering, October 2017, Vol. 5, Issue no. 4, pp. 85-91, Impact Factor: 4.3.
- ✓ Taseem Nazir , **Khalil Ahmed**, Aaqib Hassan Bulla , Junaid Farooq War , Haider Mehraj ,”Distributed Big Table for Relational Database”, International Journal of Advance Engineering and Research Development, Emerging Trends and Innovations in Electronics and Communication Engineering - ETIECE-2017, Jan.-2018, Volume 5, Special Issue 01, Impact Factor: 4.72

- ✓ **Khalil Ahmad**, Taseem Nazir, Junaid Farooq War, "A Novel Approach for Video Steganography using LSB Technique", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) , Volume 4 , Issue 1 , ISSN : 2456-3307, April-2018, pp:253-257, Impact Factor: 4.032.

- **Papers presented in Conference:**

- ✓ **Khalil Ahmed** attended and presented a paper entitled "A Review on Human Identification from Gait Sequences in Construction Sites" in the "International Conference on Mathematical Analysis & Applications" organized by the Department of Mathematical Sciences, Baba Ghulam Shah Badshah University Rajouri, w. e. f. March 30, 2022 to March 31, 2022.
- ✓ **Khalil Ahmed** presented a paper entitled "A Novel Approach for Data Hiding with Random LSB Steganography" in an International Conference on Advanced Computing and Intelligent Engineering (ICACIE-2017) held at Central University of Rajasthan, from 23-25th November, 2017.
- ✓ **Khalil Ahmed** presented a paper entitled "A Review on Human Identity and Gender Recognition from Gait Sequences", in International Conference IRSD-2017, NITTTR Chandigarh from 6-7 October, 2017.
- ✓ **Khalil Ahmed** presented a paper entitled "A Novel Approach for Video Steganography using LSB Technique" in National Conference on Recent Advances in Computer Science and IT (NCRACIT) organized by department of ITE , BGSB University from 24-25 April-2018.
- ✓ **Khalil Ahmed** participated and presented a paper entitled "Distributed Big Table for Relational Database" in National Conference on "Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE-2017)", organized by department of ECE , BGSB University from 26 -27 Aug.- 2017.

- **Papers published in Conference proceedings:**

- ✓ **Khalil Ahmed** presented a paper entitled "A Novel Approach for Data Hiding with Random LSB Steganography" in an International Conference on Advanced Computing and Intelligent Engineering (ICACIE-2017), published in Conference proceedings by Springer Series, held at Central University of Rajasthan, from 23-25th November, 2017.

H. Participation in Orientation/Refresher/Conference / Seminar / Workshop/STC/Symposia etc.

- ✓ Participated and acted as local coordinator in Short Term Course (STC) on "Machine Learning Using Python" in Remote Centre CSE, BGSBU organized by NITTTR Chandigarh through ICT mode from 28/3/2022 to 01/4/2022.
- ✓ Participated in UGC Sponsored one day Webinar on National Education Policy-2020 (online mode) on 19-03-2022 conducted by GND University Amritsar.
- ✓ Participated in International Conference on "Artificial Intelligence and Applications" organized by Interdisciplinary Centre for Artificial Intelligence & Department of Computer Engineering Aligarh Muslim University, Aligarh held on 7th March 2022 in online mode
- ✓ Participated in two weeks online Training on "Machine Learning using Python" from 21st Feb, 2022 to 5th March, 2022 conducted by APPTRONIX Technologies India.
- ✓ Participated in National Level Webinar on "Computer Vision & ML/DL in Remote Sensing" By Shri. Debajyoti Dhar, Outstanding Scientist and Group

Director of Signal & Image Processing Group, SAC/ISRO, Ahmedabad, on February 12, 2022, Organized by Department of Electronics and Communication Engineering, INDUS University.

- ✓ Participated in two day workshop on “Android Technologies” organized by department of CSE in collaboration with Winnovation Education Services Pvt. Ltd. from 30th to 31st October, 2021.
- ✓ Participated in webinar “Bibliometrics-Measuring the impact of research” on 28/9/2021 organized by Wiley Team.
- ✓ Participated in webinar “The publishing process: the complete journey of an article” on 21/9/2021 organized by Wiley Team.
- ✓ Participated in the webinar “Internet of Things” organized by Department of CSE in collaboration with Winnovation Education Services Pvt. Ltd. on 21/8/2021
- ✓ Participated in one-day National webinar “Internet of Things” on 19/2/2021 organized by UGC, Human Resource Development Center in Guru Nanak Dev University Punjab, Amritsar.
- ✓ Participated in One week workshop on Applied Deep Learning organized by MANAS LAB, School of Computing and Electrical Engineering, IIT Mandi held from 1st July to 05th July, 2019.
- ✓ Participated in Two day workshop on Selected Topics of CSE organized by the Departments of CSE, BGSBU from 1st April to 1st April, 2019 in collaboration with AMU.
- ✓ Participated in One day workshop on Intellectual property rights organized by the Institution Innovation Council (IIC), BGSBU on 25th January 2019.
- ✓ Participated in one week workshop on **Machine Learning Tools and Techniques** organized by the Departments of CSE and ITE, BGSBU from 31st October to 4th November; 2018 in collaboration with AMU.
- ✓ Attended and coordinated one-day seminar on “Cloud-Computing: Microsoft Azure” organized by Department of CSE, BGSBU Rajouri (October, 2018)
- ✓ Participated in the AICTE recognized one week STC on “Internet of Things” through ICT conducted by CSE Department at BGSB University Rajouri JK from 06/08/2018 to 10/08/2018.
- ✓ Participated in the MHRD-TEQIP-KITE five day “TEQIP-III Summer Training Program on Active Learning” conducted by IIT Bombay from 04/06/2018 to 08/06/2018.
- ✓ Participated in the AICTE recognized one week STC on “Linux Administration Using CentOS” conducted by CSE Department at NITTTR Chandigarh from 30/04/2018 to 04/05/2018.
- ✓ Participated and presented a paper entitled “A Novel Approach for Video Steganography using LSB Technique” in National Conference on Recent Advances in Computer Science and IT (NCRACIT) organized by department of ITE, BGSB University from 24-25 April-2018.

- ✓ Attended Two Day Workshop on “Outcome Based Education” held at Baba Ghulam Shah Badshah University, Rajouri from 19-20 March 2018.
- ✓ Participated in the Professional Development Training under Technical Education Quality Improvement Programme (TEQIP) organized by IIM Udaipur from February 12 to 17, 2018 at Udaipur.
- ✓ Participated in the AICTE recognized one week STC on “Matlab and Labview with its Hardware Interface” through ICT conducted by ERE Department at BGSB University Rajouri JK from 29-01-2018 to 02-02-2018.
- ✓ Participated in the AICTE recognized one week STC on “Power Electronics and its Applications” through ICT conducted by ERE Department at BGSB University Rajouri JK from 27-11-2017 to 01-12-2017.
- ✓ Participated in the AICTE recognized one week STC on “Power Quality Monitoring and Analysis” through ICT conducted by ERE Department at BGSB University Rajouri JK from 30-10-2017 to 03-11-2017.
- ✓ Participated and presented a paper entitled “Distributed Big Table for Relational Database” in National Conference on “Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE-2017)”, organized by department of ECE, BGSB University from 26 -27 Aug.- 2017.
- ✓ Participated in the AICTE recognized one week STC on “Scilab Programming” through ICT conducted by CSE Department at BGSB University Rajouri JK from 21-25 August 2017
- ✓ Participated in the AICTE recognized one week STC on “Linux Administration Using CentOS” conducted by CSE Department at NITTTR Chandigarh from 15-19 May 2017.
- ✓ Participated in the three weeks refresher course in “Disaster Management” organized by Academic Staff College, UGC MHRD University of Jammu from 7-12-2016 to 29-12-2016.
- ✓ Attended one day Awareness Programme on “Intellectual Property Rights” Organized by MSME-Development Institute Jammu held at BGSBU on 06-10-2016
- ✓ Participated in Eight days workshop on “C Programming” Organized by the Department of Mathematical Sciences, BGSBU from April 01 to 09, 2016.
- ✓ Participated in STC on “Sustainable Environmental Management” through ICT organized by Department of Civil Engg, BGSBU, Rajouri from March 14 to 18, 2016.
- ✓ Attended SciLab workshop organized at NITTTR, Chandigarh by Spoken Tutorial project, IIT Bombay in July 2013.
- ✓ Attended one week STC on “Linux Administration” conducted by NITTTR Chandigarh at Govt. Polytechnic for Women, Jammu from 29-04-2013 to 05-05-2013.

- ✓ Participated in five days workshop on “RFID and Microcontrollers based Pervasive Computing” Organized by the Departments of CSE and ITE, BGSBU from April 22 to 26, 2013.
- ✓ Attended General Orientation course organized by Academic Staff College, University of Jammu from 10-01-13 to 8-2-2013.
- ✓ Attended one day workshop on “Network Security” organized by department of ITE, BGSBU on 3rd September, 2012.
- ✓ Attended three weeks Faculty Development/Refresher Program in RFID and Embedded systems from 25 June 2012 to 14 July 2012.

- Invited speaker / Plenary Speaker :

- ✓ Delivered a talk on Engineers Day held on 18th September 2021 Organized by SoET, BGSBU, Rajouri.
- ✓ Delivered online invited talk on “Importance of Computer Science & IT in Education” on 22/09/2021 during Student Induction Program held in the University Polytechnic.
- ✓ Speaker in Five days’ workshop on “Basics of MATLAB Programming & Simulink” Organized by the Departments of CSE and ERE, CoET, BGSBU from November 15 to 19, 2016.

I. Participation in Corporate life (As Warden, Proctorial team, DoSteam, Coordinator, Cultural team etc.):

- ✓ HoD of Computer Science and Engineering from September 2013 to till date.
- ✓ Coordinator in Five days workshop on “Basics of MATLAB Programming & Simulink” Organized by the Departments of CSE and ERE, CoET, BGSBU from November 15 to 19, 2016.
- ✓ Coordinator in Two day workshop on “Selected Topics of CSE” organized by the Departments of CSE, BGSBU from 15th April to 16th April, 2019 in collaboration with AMU.

J. Member of Professional Bodies

(BoG, BoS, Academic Bodies, Academic Societies, Member of Editorial Board) :

- ✓ Member of BOS for department of CSE held in 2012.
- ✓ Member of BOS for department of CSE held in 2018.
- ✓ Member of B.Tech admission committees.
- ✓ Member of SoET Purchase committee.
- ✓ Member of TEQIP-III Purchase committee.
- ✓ Member of University survey committee.
- ✓ Member of University IT and Support System Centre Committee

K. Membership of National Bodies:

- UPSC
- Other examination Bodies :

- ✓ Examiner for final year B.Tech CSE Projects at North Campus, KU.
- ✓ Set the question paper for Screening Test of AP in CSE, GCET, Ganderbal, Kashmir.

References are available upon request