



Rumaan Bashir (Ph.D)

Objectives

- To be recognized and respected as a good human being.
- To work in an organization with commitment and determination.
- To learn as I grow.
- To keep up with the cutting edge technologies.

Personal Profile

- Parentage – Dr. Bashir Ahmed & Sadiqa Akhter
- Date of Birth – 4th August 1980
- Marital Status – Married
- Children – Two
- Nationality – Indian
- Category – General
- Differently Abled – No
- Languages known – Kashmiri, English, Urdu, Hindi and Arabic

- Hobbies – Sports, Gardening
- Address - Nishat, Srinagar, JK UT, 191121.
- Office Address – Department of Computer Science, Islamic University of Science & Technology, Awantipora, Pulwama, JK UT, 192122.
- Mobile – +91- 9906510488
- E Mail: rumaan.bashir@islamicuniversity.edu.in
rumaan.b@gmail.com

Strengths

- Hardworking
- Honesty
- Determination
- Discipline
- Organized

Weakness

- Expecting respect & discipline

Specialization/Interests

- Pattern Recognition
- Signal Processing
- Image Processing
- Script Identification
- Natural Language Processing
- AI
- Machine learning
- Deep Learning

Education

- **Matriculation** – J&K BOSE (**77%**) – **1997** – Distc.

- **Higher Secondary Part II** – J&K BOSE (**75%**) – **1999** – Distc.
- **Bachelors (B. Sc)** – University of Kashmir (**67%**) – **2002** – 1st Div.
- **Masters (MCA)** – University of Kashmir (**85%**) – **2005** – Distc.
- **One Year PG Diploma (PGDBA)** – University of Kashmir (**71%**) – **2009** – 1st Div.

Research

- **M. Phil (Computer Science)**
 Title: **Diagram Recognition – A Domain Knowledge Based Approach**
 Field: Computer Science
 Department: P.G. Department of Computer Science, University of Kashmir
Grade “O” outstanding
 Year of Award: **2011**
- **Ph. D (Computer Science)**
 Title: **Automatic Script Identification and Analysis of a Multilingual Document Image**
 Field: Computer Science
 Department: P.G. Department of Computer Science, University of Kashmir
 Year of Award: **2016**

Awards/Merits

- **Gold Medalist (MCA)**
- **NET (Computer Science and Applications)**

Achievements

- **Topper** in J & K Public Service Commission 10+2 Lecturer Selection List (2011)
- **Topper** in J & K Public Service Commission 10 + 2 + 3 (Higher Education) state wide screening test (written) (2011)
- **Topper** in J & K Public Service Commission 10 + 2 + 3(Higher Education) Selection List (2011)

Trainings

- **One month** training in Core Java, Computer Networks, Multimedia & Animation from Signifera Software Solutions, Mysore, Karnataka, India.

- **Fifteen days** training in Linux (Administration and Internals) from Linux Learning Centre (LLC), Bangalore, India.

PG Development Projects

- **Six month project**, University Automation System (UAS 1.0), Catering to complete enrollment, registration & examination of undergraduate & postgraduate students of the University of Kashmir. (2005)
- **Two month project**, Student Information Cell (SIC 1.0), a website based querying system developed for the University of Kashmir. (2005)

Projects Guided

- **MCA** (6 months) and **M. Sc. IT** (6 months) – 40

Experience (General) and Promotions at IUST

- **Associate Professor** - Department of Computer Science, School of Technology, Islamic University of Science & Technology, Awantipora, Pulwama, 192122, J&K.
19th June 2019 – Till date
- **Assistant Professor (Selection Grade)** - Department of Computer Science, School of Technology, Islamic University of Science & Technology, Awantipora, Pulwama, 192122, J&K.
19th June 2016 – 19th June 2019
- **Assistant Professor (Senior Scale)** - Department of Computer Science, School of Technology, Islamic University of Science & Technology, Awantipora, Pulwama, 192122, J&K.
19th June 2011 – 18th June 2016
- **Assistant Professor** – Department of Computer Science, School of Technology, Islamic University of Science & Technology, Awantipora, Pulwama, 192122, J&K.
19th June 2006 – 18th June 2011
- **Assistant Professor (Contractual)** – P. G. Department of Computer Sciences, University of Kashmir, Hazratbal, Srinagar, 190006, J&K.
01st September 2005 – 18th June 2006

Experience (Specific) at IUST

- **I/C Head**, Department of Computer Science, Islamic University of Science & Technology, Awantipora, Pulwama, 192122

Founder I/C Head, 31.07.2006 - 13.03.2007

Head 07.02.2009 - 20.08.2009

Head 01.09.2015 - 30.09.2015

Head 18.01.2016 - 08.02.2016

Head 04.07.2016 - 01.08.2019

Head 06.04.2022 – 24.03.2024

- **Coordinator**, Advanced Centre for Information Technology & e-Governance, Islamic University of Science & Technology, Awantipora
01.04.2014 – 27.02.2017
- **Coordinator**, Womens Entrepreneurship Development Cell, Centre for Innovations and Entrepreneurship Development (CIED), Islamic University of Science & Technology, Awantipora
01.04.2022 – Till Date
- **Associate Dean**, School of Engineering and Technology, University of Science & Technology, Awantipora
25.08.2021 – 30.11.2022
- **I/C Dean**, School of Engineering and Technology, University of Science & Technology, Awantipora
01.12.2022 – 24.03.2024

Research Publications

1. **“Identification of Kashmiri Script in a Bilingual Document Image”**, IEEE- 2ndInternational Conference on Image Information Processing (ICIIP-2013) organized by Department of Computer Science & Engineering and Information Communication Technology, Jaypee University of Information Technology, Waknaghat, Shimla, India from 9-11 December, **2013. Rumaan Bashir & S.M. K. Quadri.**
2. **“Design and Development of a Novel Cognitive Character Recognition Technique”**, IEEE-ICSC”, International Conference on Signal Processing and Communication organized by Jaypee Institute of Information Technology, Nodia, India from 12-14 December, **2013. Kaiser J. Giri & Rumaan Bashir**
3. **“Character Recognition based on Structural Analysis using Code & Decision matrix”**, IEEE International Conference on Machine Intelligence and Research Advancement (ICMIRA-2013) organized by SMVDU, Katra (Jammu), India from 21-23, December **2013. Kaiser J. Giri & Rumaan Bashir**
4. **“Diagram Recognition-Domain Knowledge Based Approach”**, IEEE-ICMIRA, IEEE International Conference on Machine Intelligence and Research Advancement (ICMIRA-2013) organized by SMVDU, Katra (Jammu), India from 21-23, December **2013. Rumaan Bashir & Kaiser J. Giri**

5. **“Symbol Recognition-Cognitive Approach”**, IEEE-ICESC International Conference on Electronic Systems, Signal Processing and Computing Technologies (ICESC) Nagpur, Jan 9-11 **2014. Rumaan Bashir Kaiser J. Giri**
6. **“Entropy Based Script Identification of a Multilingual Document Image”**, IEEE-8th INDIACom 2014, IEEE International Conference on Computing for Sustainable Global Development organized by BVICAM, New Delhi, India from 5-7, March **2014. Rumaan Bashir & S.M. K. Quadri**
7. **“Density Based Script Identification of a Multilingual Document Image”**, International Journal of Image, Graphics & Signal Processing IJIGSP, IJIGSP Vol. 7, No. 2, January **2015. Rumaan Bashir & S.M. K. Quadri**
8. **“A CLASSIFICATION OF SCRIPT IDENTIFICATION SYSTEMS”**, Research Cell : An International Journal of Engineering Sciences, Issue June 2016, Vol. 18 ISSN: 2229-6913 (Print), ISSN: 2320-0332 (Online), Web Presence: <http://www.ijoes.vidyapublications.com> **2016 Vidya Publications. Rumaan Bashir & Kaiser J. Giri**
9. **“A Study of Script Identification Techniques”**, Research Cell : An International Journal of Engineering Sciences, Issue December 2016 ISSN: 2229-6913 (Print), ISSN: 2320-0332 (Online) -, Web Presence: <http://www.ijoes.vidyapublications.com> **2016 Vidya Publications. Rumaan Bashir & Kaiser J. Giri**
10. **“Character Recognition: An Optimal Feature Based Approach”**, Research Cell : An International Journal of Engineering Sciences, Issue December **2016** ISSN: 2229-6913 (Print), ISSN: 2320-0332 (Online) -, Web Presence: <http://www.ijoes.vidyapublications.com> **2016 Vidya Publications. Kaiser J. Giri, Rumaan Bashir & Javaid Iqbal Bhat**
11. **“A block-based Watermarking approach for colour images using discrete wavelet transformation”**, International Journal of Information Technology, Springer, **2017. Kaiser J. Giri & Rumaan Bashir**
12. **“Bitcoin: Surveying First Revolutionary Cryptographic Virtual Currency”**, Intl. Journal of Computer Sciences and Engineering”, Vol-6 Issue 1, Jan **2018. S. M. Nasti, S. J. Nasti, R. Bashir, M. A. Butt**
13. **“Script Identification – A Review”**, International Journal of Information Technology, Springer DOI: 10.1007/s41870-018-0129-9, **Rumaan Bashir, S. M. K. Quadri, Kaiser J. Giri (2018)**
14. **“Reinforcement Learning & its Supervised View”**, Journal of Advances in Shell Programming, 5(2), 1-6, **Rameez Mushtaq Dar, Rumaan Bashir & Kaiser J. Giri, (2018)**
15. **“Face Recognition: A Critical Review”**, **2018**, Volume(5) Issue (2), Pages (24-30) Recent Trends in Programming Languages, STM Journals, **Akib Mohi ud Din Khanday, Aamir Amin, Irfan Manzoor & Rumaan Bashir**
16. **“A Generic Data Mining Model for Software Cost Estimation Based on Novel Input Selection Procedure”**, International Journal of Information Retrieval Research (IJIRR), 9 (1), 16-32 **Zahid Hussain Wani, Kaiser J. Giri , Rumaan Bashir (2019)**
17. **“Page Ranking & SEO Rank Factors: A Review”**, International Journal of Web Engineering and Technology, STM Journals/India, vol- 06, Page-15-19 **Rameez Mushtaq Dar, Rumaan Bashir & Kaiser J. Giri, (2019)**
18. **“Improved software cost estimation model using cost driven reduction based on water-cycle algorithm”**, International Journal of Computer Sciences and Engineering, IJCSE, India,vol-7, Page 64-72 **Zahid Hussain Wani, Kaiser J. Giri ,Rumaan Bashir (2019)**

19. **"A Discrete Wavelet Based Watermarking Scheme for Authentication of Medical Images"**, International Journal of E-Health and Medical Communications (IJEHMC), vol-10, Page-30-38 **Kaiser J. Giri, Rumaan Bashir. Javaid Iqbal Bhat (2019).**
20. **"DWT based color image watermarking: a review"**. Multimedia Tools Appl" 79, 32881–32895 (2020). <https://doi.org/10.1007/s11042-020-09716-6>, **Giri, K.J., Quadri, S.M.K., Bashir, R. et al.**
21. **"Processing Kashmiri Text from a Document Image and Associated Challenges"**, In *Proceedings of the 6th International Conference on Advance Computing and Intelligent Engineering: ICACIE 2021* (pp. 449-455). Singapore: Springer Nature Singapore, **Ali Lone, N., Giri, K. J., & Bashir, R.** (2022, September).
22. **"Issues in Machine Translation—A Case Study of the Kashmiri Language"**, In *Machine Intelligence and Data Science Applications: Proceedings of MIDAS 2021* (pp. 117-123). Singapore: Springer Nature Singapore, **Lone, N. A., Giri, K. J., & Bashir, R.** (2022)
23. **"A Review into deep learning techniques for spoken language identification"** Multimedia Tools and Applications, Springer (2022), **Irshad Ahmed Thukroo, Rumaan Bashir, Kaiser J. Giri.**
24. **"Natural Language Processing Resources for the Kashmiri Language"**, *Indian Journal of Science and Technology*, 15(43), 2275-2281, **Lone, N. A., Giri, K. J., & Bashir, R.** (2022)
25. **"Machine Intelligence for Language Translation from Kashmiri to English"**, *Journal of Information & Knowledge Management*, 2250074, **Lone, N. A., Giri, K. J., & Bashir, R.** (2022)
26. **"Spoken Language Identification Using Prosody, Phonotactics, and Acoustics: A Review"**, Journal of Information and Knowledge Management, July 2022, **Irshad Ahmed Thukroo, Rumaan Bashir and Kaiser Javeed Giri**
27. **"Spoken Language Identification system for Kashmiri and Related Languages using Mel-Spectrograms and Deep learning Approach"**, IEEE 7th International Conference on Signal Processing and Communication (ICSC), **Irshad Ahmed Thukroo, Rumaan Bashir,** Jan 2022
28. **"Comparative Analysis of AttnGAN, DF-GAN and SSA-GAN,"** IEEE 3rd International Conference on Advances in Computing, Communication Control and Networking (ICAC3N), **Rayeesa Mehmood, Rumaan Bashir, Kaiser J. Giri,** Mar 2022
29. **"Mathematical Analysis of loss function of GAN and its loss function variants"**, International Journal of Advanced Technology and Engineering Exploration, September 2022, **Rayeesa Mehmood, Rumaan Bashir, Kaiser J. Giri**
30. **"Deep Generative Models: A Review"**, Indian Journal of Science and Technology, Feb 2023, **Rayeesa Mehmood, Rumaan Bashir, Kaiser J. Giri**
31. **Improved Support Vector -Recurrent Neural Network with Optimal Feature Selection-based Spoken language Identification System"**, Indian Journal of Science and Technology, March 2023, **Irshad Ahmed Thukroo, Rumaan Bashir and Kaiser J Giri**
32. **"Machine Translation status of Indian scheduled languages: A survey"**, Multimedia Tools and Applications, 6 April 2023, **Nawaz Ali Lone, Kaiser J. Giri & Rumaan Bashir.**

Books

1. Giri, Kaiser J., Shabir Ahmad Parah, Rumaan Bashir, and Khan Muhammad. **"Multimedia Security."** Springer.

Book Chapters

1. **"Digital Watermarking - A Potential Solution fo Multimedia Authentication"**, Springer book titled: "Intelligent Techniques in Signal Processing for Multimedia Security. **Kaiser J. Giri & Rumaan Bashir**
2. **"Survey on Reversible Watermarking Techniques for Medical Images. In *Multimedia Security*"** (pp. 177-198). Springer, Singapore. **Giri, K. J., Jeelani, Z., Bhat, J. I., & Bashir, R. (2021).**
3. **"Role of IoT in Smart Health Care Setups: A Critical Analysis"**, AI Enabled IoT for Smart Healthcare Systems, Nova Science Publishers Inc., **Akib Mohi ud Din Khanday, Qamar Rayees Khan, Syed Tanzeel Rabani, Rumaan Bashir**, Accepted 27-01-22.

Paper Presentations

1. Presented paper titled "Database for Student Registration System at University of Kashmir" at 4th JK Science Congress-2008, University of Kashmir
2. Presented paper titled "A criticism on open source softwares" at 3 Day National Seminar on "Open Access Movement: Initiatives, Promotion and Impact" organized by Department of Library and Information Science, University of Kashmir from 23rd to 25th of October, 2008.
3. Presented paper titled "Diagram Recognition: Domain Knowledge based Approach", 3 Day National Seminar on "Open Source Software Systems: Challenges and Opportunities" organized by Department of Library and Information Science& Department of Computer Science, University of Kashmir from 20th to 22nd of June, 2011.
4. Presented paper titles "Kashmiri Script Identification in a Document Image" at IETE Diamond Jubilee Seminar on "Leveraging ICT for Growth and Development of J&K[LICT J&K 2013]" at NIT Srinagar from 13-14 September, 2013.
5. Presented paper titled "Kashmiri Script Identification", at 9th JK Science Congress-2013, University of Kashmir
6. Presented paper "Identification of Kashmiri Script in a Document Image using Statistical Approach" at International Conference on "Operations Research for Data Analytics and Decision Analysis" Conjunction with the 46th Annual Convention of Operational Research Society of India (ORSI) conducted by University of Kashmir from 19-23, October 2013.
7. Presented paper titled "Identification of Kashmiri Script in a Bilingual Document Image", IEEE-2nd International Conference on Image Information Processing (ICIIP-2013) organized by Department of Computer Science & Engineering and Information Communication Technology, Jaypee University of Information Technology, Wanknaghat, Shimla, India from 9-11 December, 2013.

8. Presented paper titled "Diagram Recognition: Domain Knowledge Based Approach", at IEEE-ICMIRA, IEEE International Conference on Machine Intelligence and Research Advancement (ICMIRA-2013) organized by SMVDU, Katra (Jammu), India from 21-23, December 2013.
9. Presented paper titled "Script Identification: Kashmiri Script", at Two Day National Conference NISCON 2015 organized by S.P. College, Srinagar on 18th-19th August 2015
10. Presented paper titled "Arabic Travelogues in the context of Science & Technology" organized by Deptt. Of Arabic Language and Literature, Islamic University of Science & Technology, Awantipora on 29-30 September 2015
11. Presented paper titled "Script identification", at 3rd JK Women Science Congress, GDC Nawakadal on November 17-19 2015.
12. Presented paper titled "Script Identification: A contribution to Kashmiri Language", at "International Conference on Sustainable Development and Technological Innovation" at Islamic University and Science and Technology Awantipora on Dec 23-24, 2015
13. Presented Paper titled "A novel classification for Script Identification in Document Images", at Two Day National Seminar SEEDS-2015 organized by Deptt. Of Electronics, University of Kashmir, March 2016
14. Presented paper titled "Medical Image Classification" at 1st Annual Conference of Metabolic syndrome-Pre diabetes- Polycystic ovary syndrome (MPCOS) Society 11th - 13th May 2017, organised by SKIMS, Srinagar; AIIMS, New Delhi; JK Universities; Medical Colleges; Dental Colleges; Directorate of Health Services
15. Presented paper titled "Medical Image Authentication using Digital Watermarking" at 2nd J&K Medical Science Congress 10th – 13th May 2017 organised by SKIMS, Srinagar; JK Universities; Medical Colleges; Dental Colleges; Directorate of Health Services
16. Presented paper titled "A comparison of cepstral and Spectral features using recurrent neural network for spoken language identification" at International Conference on Innovations in Computer Science, Electronics and Electrical Engineering Feb 2022
17. Presented paper titled "SVM-BH: Support Vector Based Hate Speech Detection in COVID-19 era" at 3rd International Conference on Recent Developments in Engineering and Technology, RTU, Feb 2022.
18. Presented paper titled "Identification of Kashmiri Script in a Text Document Image" at Third International Conference on Innovation in Engineering Sciences TECB March 2022.

Invited Talks

- "A Contribution to Script Identification", 5th J&K Women Science Congress: Emerging Trends in Science : Role of Women", 27th – 29th March 2018 GCW, M.A. Road, Cluster University Srinagar, JK.
- "Cyber Security and Digital Hygiene", GDC, Nawakadal, Srinagar in Cyber Jagrookta Diwas Celebrations held on 2nd March 2022.

Best Awards/ Recognition

1. Best Oral Presentation in Computer Sciences in the 9th JK Science Congress and Regional Science Congress organized by the University of Kashmir 1st – 3rd October 2013.
2. B. G. Raghavendra Memorial Award for Best Oral Presentation at the 4th Annual Convention of Operations Society of India (ORSI) held at the University of Kashmir 19th – 23rd October 2013 with cash prize of INR 500/-.
3. Best Poster Presentation at the Two Day National Conference NISCON 2015 organized by S.P. College, Srinagar on 18th-19th August 2015
4. Best Oral Presentation at 3rd JK Women Science Congress, GDC Nawakadal on November 17-19 2015 with cash prize of INR 2000/-.

Courses/Seminars/Workshops

1. One week UGC sponsored workshop on “Women Empowerment Women Managers in Higher Education” at Women’s Development Center, University of Kashmir, 2006
31st October 2006 – 5th November 2006
2. Two weeks Staff Development Programme on “Best practices in Software Engineering”, at Bharti Vidyapeeth’s Institute of Computer Applications & Management, Paschim Vihar, New Delhi, 110063, India.
18th December 2006 – 30th December 2006
3. Four weeks General Orientation Course at Academic Staff College, University of Kashmir, Hazratbal, Srinagar, 190006, J&K.
28th January 2008 – 25th February 2008
4. Three day National Seminar on “Open Access Movement: Initiatives, Promotion and Impact” organized by the Department of Library & Information Science, University of Kashmir.
23rd October 2008 – 25th October 2008
5. Three day 4th JK Science Congress organized by the University of Kashmir in collaboration with JK State Council for Science & Technology and DST, Govt. of India
12th November 2008 – 14th November 2008
6. Three day National Seminar on “Open Source Software Systems: Challenges & Opportunities”, organized by the Department of Library & Information Science and Department of Computer Science, University of Kashmir
20th June 2011 – 22nd June 2011
7. Two day ISTE workshop on “Aakash for Education” under National Mission on Education through ICT conducted by IIT Bombay.
10th November 2012 – 11th November 2012

8. One day workshop on NME-ICT Awareness conducted by National Institute of Technology (NIT), Srinagar and sponsored by MHRD, Govt of India.
18th June 2013
9. IETE Diamond Jubilee Seminar on “Leveraging ICT for Growth and Development of J&K[LICT J&K 2013]” at NIT Srinagar
13th September 2013 – 14th September 2013
10. Three day 9th JK Science Congress 2013 and Regional Science Congress at University of Kashmir.
1st October 2013 – 3rd October 2013
11. One week International Workshop on “Optimization Techniques and Softwares” in conjunction with the 46th Annual Convention of Operational Research Society of India (ORSI) organized by Department of Statistics, University of Kashmir, Srinagar.
19th October 2013 – 23rd October 2013
12. One week International Conference on “Operations Research for Data Analysis & Decision Analysis” in conjunction with the 46th Annual Convention of Operational Research Society of India (ORSI) organized by Department of Statistics, University of Kashmir, Srinagar.
19th October 2013 – 23rd October 2013
13. Three weeks “Refresher Course in Computer Applications”, at UGC-Academic Staff Collage, University of Kashmir, Srinagar.
26th December 2013 – 20th January 2014
14. Two week ISTE workshop on “Computer Programming” under National Mission on Education through ICT conducted by IIT Bombay.
20th May 2014 – 21st June 2014
15. Two week ISTE workshop on “Environmental Studies” under National Mission on Education through ICT conducted by IIT Bombay.
2nd June 2015 – 12th June 2015
16. Three Day Workshop on Finalising of Curriculum for 5-year Integrated B. Sc- M.Sc Mathematics Jammu and Kashmir Institute of Mathematical Sciences, Srinagar, JK
28th April 2017– 30th April 2017
17. One Day International Workshop on Cyber Communications: Security & Laws Department of Electronics & Communication Engineering, IUST
08th May 2017
18. Two week Interdisciplinary Refresher Course at UGC-HRDC, University of Kashmir, Hazratbal, Srinagar, 190006, J&K.
20th June 2017 – 08th August 2017

19. Three day National Workshop on “Technical Paper Writing, Patent Drafting and Filing” under TEQIP III, Department of Electrical & Electronics Engineering, Islamic University of Science & Technology, Awantipora.
12th December 2017 – 14th December 2017
20. Three Day National Workshop on “Preparation of Research Proposals to Funding Agencies” organised by IUST & ECSI
26th September 2017– 28th September 2017
21. Two day National workshop on “Scientific and Technical Documentation Using LateX” under TEQIP III, Department of Electrical Engineering, Islamic University of Science & Technology, Awantipora.
21st December 2017 – 22nd December 2017
22. Two day workshop on “Outcome Based Education” through NBA under TEQIP III, School of Technology, Islamic University of Science & Technology, Awantipora.
27th March 2018 – 28th March 2018
23. One week National FDP on “Research Trends in Information Technology (RTIT-2018)” organized by Department of Computer Science and Department of Computer Science & Engineering, IUST
24th September 2018 - 29th September 2018
24. One week workshop on “Bootcamp-Security” organized by Department of Computer Science and Engineering, SOET, IUST, Awantipora
June 2019
25. One week National Workshop on “Machine Learning using Python MLP-2019” organized by Department of Computer Science, IUST and eICT, IIT Roorke
01st July 2019 - 05th July 2019
26. One week e-FDP on “Cloud Computing” organized by UGC-HRDC, University of Kashmir.
20th July 2020 – 25th July 2020
27. One week FDP on “Exemplary Practices in Teaching-Learning and Evaluation of Courses in Computer Science and Information Technology”, organized by VTU, Kalaburagi & IIIT, Allahabad
03rd August 2020 – 07th August 2020
28. One week International Workshop on “Language Translation Skills” organized by Dept. of Higher Education, JK UT and NTM, Central Institute of Indian Languages, Mysuru
08th August 2020 – 12th August 2020
29. One week FDP on “Universal Human Values” organized by AICTE, New Delhi
22nd November 2021 – 26th November 2021
30. Two week FDP on “Applications of Applied Signal Processing, Communications and Devices for IoT driven e-Health Care” organized by Electronics and ICT Academy, NIT Warangal and University of Kashmir
12th May 2022 - 21st May 2022

Research Projects

1. Title: Identification of Kashmiri Script in a Document Image using Frequency Domain (PI)
Sponsor: Islamic University of Science and Technology, Awantipora, JK
Amount: Rs. 3,00,000/-
March 2018 – Feb 2019 Completed
2. Title: Medical Image Authentication Using Digital Image Watermarking (Co-PI)
Sponsor: Islamic University of Science and Technology, Awantipora, JK
Amount: Rs. 3,00,000/-
March 2018 – Feb 2019 Completed
3. Title: e-Waste Management in J&K State using Data Analytics (PI)
Sponsor: Design Innovation Centre, Islamic University of Science and Technology, Awantipora, JK
Amount: Rs. 1,00,000/-
2019 – 2020 Completed
4. Title: Establishment of Center of Excellence at Center at Islamic University of Science & Technology (Co-PI)
Sponsor: HED JK /MHRD
Amount: Rs.10,000,000/-
2021-2023 Ongoing
5. Title: Design and Development of Domain Specific Machine Translation System for Kashmiri Language (Co-PI)
Sponsor: JKSTIC
Amount: Rs.6,40,000/-
2021-2023 Completed
6. Title: A detailed survey, design and development of e-Waste Management software tool with special reference to JK UT (PI)
Sponsor: JKSTIC
Amount: Rs. 1050000/-
2024 Ongoing

Consultancy Projects

1. Implementation of Various Automatic Security Solutions at various Shrines for JK MUSLIM WAKF BOARD, KASHMIR

Sponsor: JKMUSLIM WAKF BOARD

Approx Cost: 10,00,000/-

Year: 2015-2016

Technology Developed

Establishment and Coordination for the Advanced Centre for Information Technology and e-Governance, Islamic University of Science and Technology and Design, Development and Implementation of the Software for Islamic University of Science and Technology.

Year: 2014-2017

Technical Memberships

Life Member Indian Society for Technical Education (ISTE)

Expert Member NIELIT

Reviewer

IEEE Access

Inderscience

IGI Global

SN Computer Science