FIROS A

PERSONAL INFORMATION

Name: Dr. Firos A

Designation: Associate Professor (Level 13A)

Department of Computer Science and Engineering, Rajiv Gandhi University, Rono Hills, Doimukh , Arunachal Pradesh-791112, India

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Nationality: Indian

ACADEMIC QUALIFICATIONS

1. Ph.D. in Computer Science and Engineering, Rajiv Gandhi University, Arunachal Pradesh

2. M.E. in Computer Science and Engineering, Anna University, Chennai

PROFESSIONAL EXPERIENCE

1. Associate Professor (Level 13A), Department of Computer Science and Engineering, Rajiv Gandhi University (15-Feb-2023 to Present)

2. Assistant Professor, Department of Computer Science and Engineering, Rajiv Gandhi University (15-Feb-2010 to 14-Feb-2023)

RESEARCH AND PUBLICATIONS

Published 57 research articles, with 26 indexed in Scopus, 5 in SCI journals.

1. Authored 57 research articles, with 26 indexed in Scopus and 5 in SCI journals

2. Published 8 books (3 international, 5 national) and contributed 23 chapters in various edited volumes.

3. Completed 3 research projects and secured 7 patents (4 international, 3 national).

4. Delivered 34 research paper presentations at national and international conferences.

SELECTED BEST PUBLICATIONS

1. Firos A., et al. (2022). "Knots and Knot-Hyperpaths in Hypergraphs" Mathematics 10, no. 3: 424. ISSN: 2227-7390, SCI Indexed.

2. Firos A., et al. (2022). "Empirical Analysis for Improving Food Quality Using Artificial Intelligence Technology for Enhancing Healthcare Sector", Journal of Food Quality(Hindawi), vol. 2022, ISSN: 1745-4557 , SCI Indexed.

3. Firos A., et al. (2022). "Intuitionistic Fuzzy Hamacher Generalized Shapley Choquet Integral Operators Based Decision-Making Model for Feature Extraction and Automatic Material Classification in Mining Area Using Satellite Data", Advances in Materials Science and Engineering,Hindawi vol. 2022, ISSN: 1687-8442, SCI Indexed.

4. Firos A., et al. (2021). " A Survey on Plant Disease Detection Methods for Building a Robust Plant Disease Detection System. In: Marriwala, N., Tripathi, C.C., Jain, S., Mathapathi, S. (eds) Soft Computing for Intelligent Systems. Algorithms for Intelligent Systems. Springer, Singapore. ISBN: 978-981-16-1048-6, Pages 195-209, SCI Indexed.

5. Firos A., et al. (2024). " Mechanical, Water Absorption, Efflorescence, Soundness and Morphological analysis of Hybrid Brick Composites" , Matéria, Publisher: Laboratório de Hidrogênio, Coppe - Universidade Federal do Rio de Janeiro, 29(3), 1-9, ISSN: 1517-7076, SCI Indexed.

KEY PROJECTS

1. Principal Investigator for Establishment of Community Radio Service Station (RGUFM 91.2 MHz) at Rajiv Gandhi University.

2. Co-Principal Investigator for "Incubation Centre (Atal Community Innovation Centre - ACIC)" at Rajiv Gandhi University.

ACADEMIC CONTRIBUTIONS

1. Organized 8 Faculty Development Programs (FDPS), workshops, and conferences.

2. Guided 34 postgraduate research projects and supervised 1 Ph.D. to completion; currently supervising 3 Ph.D. scholars.

SKILLS AND EXPERTISE

1. Expertise in Fuzzy Sets, Artificial Intelligence, Data Science, and Machine Learning.

2. Proficient in programming languages such as Python, Java, and PHP.

3. Strong background in research methodology, data analysis, and publication.