KRISHAN KUMAR

Faculty Member, Department of Science & Technology

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CARREER OBJECTIVE

I aspire to become a successful Teacher with true dedication and hard work contributing my Knowledge and skills with full commitment and confidence towards the Holistic Development of Students and Inspiring them to be good Human Being as well as Professional.

QUALIFICATION

Master of Technology, Software System, Guru Nanak Dev University, Amritsar, Punjab, INDIA| CGPA :9.32/10
Thesis: A Unified process Model of Software Protection and Its Performance Analysis.

B.Tech, Computer Science Engineering, Shaheed Bhagat Singh College of Engg. & Technology, Ferozepur, Punjab, INDIA | Percentage : 74%
Project: Developed Mass Mailing System and Website at IRC-UHV (Formerly Dept. of Value Education)- Punjab Technical University, Jallandhar.

PROFESSIONAL MEMBERSHIP

International Association of Engineers (IAENG)

PRACTICAL SKILLS AND KNOWLEDGE

- ❖ Matlab programming and Simulation.
- ❖ Software Engineering &Research tools.
- ❖ Reverse Engineering & Research Tools.
- ❖ Computer: Excel, word, Power-Point, Window, Linux.
- ❖ Data Mining- Weka tool
- ❖ Programming Language: C, C++, Java, Assembly Language, CCNA, Tiki-Wiki CMS.
- ❖ Code Obfuscation & Software Watermarking.

AREA OF SPECIALIZATION & RESEARCH

- Software Engineering, Reverse Engineering, Software Protection, Malware Analysis, Soft Computing, Computer Networks, Human Values and Professional Ethics.

AREA OF INTEREST
- Computer Architecture, Image Processing, Distributed Operating System, Data Mining.

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SPECIAL ACHIEVMENTS

- ❖ Participated and organized several events at college level and university level.
- ❖ Member of PTU Human values Team.
- ❖ I have organized and Participated 3rdInternational Conference in Human Values at Punjab technical University 2014.
- ❖ I have participated and organized more than 8 Teacher Orientation Program on Human Values and Professional Ethics.
- ❖ Continue working with IRC-UHV PTU as Volunteer in organizing workshops.
- ❖ Guest Lectures in Government School on Carrier Counseling.
- ❖ Cleared Ph.d Admission test at Guru Nanak Dev University, Amritsar.

LEADERSHIP & VOLUNTEER EXPERIENCE

- Organized and Participated In National Service Scheme (NSS)Cancer awareness Camp at Talwandi Sabo, Bathinda, Punjab.
- NSS Adventure Camp at Arunachal Pradesh.
- Organized and participated in Blood Donation Camp at College.
- Organized and Participated in 8 days NSS camp at Sultanpur Lodhi.

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RESEARCH AND PUBLICATION

1. As a part of academics I have prepared Number of Term Paper.
2. K.Kumar, P. Kaur "Vulnerability Detection of International Mobile Equipment Identity Number of Smartphone and Automated Reporting of Changed IMEI Number", Int. J. Computer Science & mobile Computing, Vol. 4, Issue. 5, May 2015, pg.527 – 533, ISSN 2320–088X.
3. K. Kumar, P Kaur"A Generalized Process of Reverse Engineering in Software Protection & Security", Int. J. Computer Science & mobile Computing, Vol. 4, Issue. 5, May 2015, pg.534 – 544, ISSN 2320–088X.

4. K. Kumar, P.Kaur"A Thorough Investigation of Code Obfuscation Techniques for Software Protection", Int. J. Computer Sciences & Engineering, Vol.-3(5), pp158-164, May 2015, E-ISSN: 2347-2693 Volume-3, Issue-5 E-ISSN: 2347-2693.

5. K. Kumar, P. Kaur "Survey: Analysis of Code Obfuscation Tools and Techniques for Software Protection" accepted at The Institute of Doctors Engineers and Scientists (IDES).

6. K. Kumar, V. Kehar, P. Kaur"An Evaluation of Dynamic Java Bytecode Software Watermarking Algorithms" accepted at Int. J. electrical and Computer engineering, Scopus Indexed.

7. K. Kumar, V. Kehar, P. Kaur"A Comparative Analysis of Static Java Bytecode Software Watermarking Algorithms", accepted at The African Journal of Computing and ICT,IEEE.

8. K.Kumar, P.Kaur "A Comparative Analysis of Static and Dynamic Java bytecode watermarking algorithms", Computer Society of India 2015, Published my Springer.

9. Atinderpal Singh, K. Kumar "Sos response to database queries", Under review at Journal of computer science, Springer.

10. K.Kumar, P.Kaur, "A framework of Unified Software Protection Process Model", under review at Sadana, Springer

PERSONAL DETAILS

Name: Krishan Kumar

Address: House No-6042, St no-7, Subash Colony, Power House, Batala Road, Amritsar.

Language Known: English, Punjabi, Hindi.

DECLARATION:

I do hereby declare that the particulars of information and facts stated here in above are true, correct and complete to the best of my knowledge.

KRISHAN KUMAR