


STANDARD TEMPLATE OF FACULTY PROFILE FOR UPLOADING OF UNIVERSITY WEBSITE

Title	Prof. (Dr.)	First Name	SANJAY	Last Name	MALIK	
Designation		PROFESSOR				
School /Dept. Name		USIC&T				
Address:		Flat no. 313, Jawahar Apartments, Sector 5, Plot No. 9, Dwarka, New Delhi				
Phone No.		Office				
		Residence	(optional)			
		Mobile	9999408639			
Email		1. skmalik@ipu.ac.in		2. sdmalik@hotmail.com		
Web Page (if any)		http://ipu.ac.in				
Subjects Taught		<ul style="list-style-type: none"> WEB TECHNOLOGY, SEMANTIC WEB, DBMS 				
Areas of Interest/ Specialization		<ul style="list-style-type: none"> WEB TECHNOLOGY, SEMANTIC WEB 				
Experience (in years)		Total	25			
		Industry	02			
		Teaching	23			
		Research	18			
Educational Qualifications		UG	B.Sc.(Computer Science)			
		PG	MCA, MTech(IT)			
		Doctorate	Ph.D.(Information Technology)			
		Any other - Diploma in IPR	-			

<p>Research Publications in Journals (last 5 years)</p>	<p>2022:</p> <ul style="list-style-type: none"> • Malhotra, P., Malik, S.K. (2022). An Efficient Fake News Identification System Using A-SQUARE CNN Algorithm. <i>Wireless Pers Commun.</i> https://doi.org/10.1007/s11277-022-09646-6 <p>2021:</p> <ul style="list-style-type: none"> • Rathee, P., & Malik, S. K. (2021). Ontology concept semantic similarity matching based on Ant Colony Optimization algorithm. <i>Journal of Information and Optimization Sciences</i>, 42(8), 1987-2000. https://doi.org/10.1080/02522667.2021.2000165. <p>2020:</p> <ul style="list-style-type: none"> • Rathee, P., & Malik, S. K. (2020). IWD towards Semantic similarity measure in ontology. <i>Journal of Information and Optimization Sciences</i>, 41(7),1561-1577. https://doi.org/10.1080/02522667.2020.1802129 • Khan, A. A., & Malik, S. K. (2020). Assessing large-scale, cross-domain knowledge bases for semantic search. <i>Mehran University Research Journal of Engineering & Technology</i>, 39(3), 595-602. <p>2018:</p> <ul style="list-style-type: none"> • Jain, S. & Malik, S. K. (2018). Classifying Sentiments using Vader and Logistic Regression, <i>International Journal of Advance & Innovative Research</i>, Volume 5, Issue 4 (XII): October - December 2018, pp. 138-143. • Saxena, A. & Malik, S. K. (2018). Using OpenNLP for realizing Natural Language Preprocessing pipeline as an interface towards Semantic Web, <i>Journal of Emerging Technologies and Innovative Research</i>, Volume 5, Issue 12, pp. 10-14. • Bhatia, H. & Malik, S. K. (2018). Ontology Improvement using Web Usage Mining, <i>Journal of Emerging Technologies and Innovative Research</i>, Volume 5, Issue 10, pp. 409-419. • Vashistha, V. K. & Malik, S. K. (2018). Procedural Content Generation in Games towards Semantic Web. <i>International Journal of Computer Sciences and Engineering</i>, Vol.6, Issue.9, pp. 803-812. • Malik, N. & Malik, S. K. (2018). Semantic Web Technologies towards an Intelligent Web. <i>International Journal of Engineering Sciences Paradigms and Researches</i>. Vol. 47, Issue 04, pp. 1-11. • Sharma, D., & Malik, S. K. (2018). An Algorithm for Semantic based Automated Functional Testing on Web. <i>International Journal of Applied Engineering Research</i>, 13(12), 10316-10326. • Bubna, P., Sharma, S. & Malik, S. K. (2018). Linking Online News Semantically Using NLP and Semantic Web Technologies. <i>International Journal of Computer Sciences and Engineering</i>, Vol.6, Issue.7, pp. 589-598. • Tanwar, S. & Malik, S. K. (2018). GuruSKool: An RFID based Smart School Ontological Model with SWRL reasoning, <i>Journal of Emerging Technologies and Innovative Research</i>, Volume 5, Issue 6, pp. 620-626. • Negi, S., & Malik, S. K. (2018). An Algorithm for Merging Two Ontologies: A Case Study. <i>International Journal of Applied Engineering Research</i>, 13(12), 10327-10338. • Gupta, R. & Malik, S. K. (2018). A Model for Mapping Semantic Web Data with Heterogeneous Data Sources Using SPARQL. <i>International Journal of Computer Sciences and Engineering</i>, Vol.6, Issue.6, pp. 243-254.
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	<ul style="list-style-type: none"> • Malik, N. & Malik, S. K. (2018). Significant Programming and Mathematical Concepts of Semantic Web. <i>International Journal of Computer Sciences and Engineering</i>, Vol.6, Issue.6, pp. 259-265. • Jaglan, G., & Malik, S. K. (2018). Blending Semantic Web with Recommender Systems. <i>International Journal of Computer Sciences and Engineering</i>, 6(5), 523-531. • Rathee, P., & Malik, S. K. (2018). Proposed UML Approach for Ontology Design and Representation: A Banking System Case Study. <i>International Journal of Computer Sciences and Engineering</i>, 6(6), 491-499. • Chhikara, M. & Malik, S. K. (2018). A Proposed Research Framework for Semantic Social Network Analysis, <i>Journal of Emerging Technologies and Innovative Research</i>, Volume 5, Issue 6, pp. 554-561. • Khan, A. A. & Malik, S. K. (2018). Transition in Web Search to a Semantic Perspective, <i>American International Journal of Research in Science, Technology, Engineering & Mathematics</i>, Volume 23, Issue 1, pp. 31-38. • Malik, N. & Malik, S. K. (2018). Semantic Web as the Next Generation Smart Web, <i>Journal of Emerging Technologies and Innovative Research</i>, Volume 5, Issue 6, pp. 580-594.
<p>Papers Published in Conference Proceedings(last 5 years)</p>	<p>2022:</p> <ul style="list-style-type: none"> • Rathee, P., Malik, S. K., (2022). An Analysis of Semantic Similarity Measures for Information Retrieval. In <i>International conference on Emerging Technologies in Data Mining and Information Security</i>. (IEMIS), Springer. • Rathee, P., Malik, S. K., (2022). Merging Operation for Domain Ontologies in Semantic Web: Some Issues. In <i>International conference on Doctoral Symposium on Computational Intelligence (DOSCI)</i>. Springer. <p>2020:</p> <ul style="list-style-type: none"> • Verma, K., Malik, S. K., & Khanna, A. (2020). A novel approach to improve website ranking using digital marketing. In <i>International conference on innovative computing and communications</i> (pp. 265-278). Springer, Singapore. <p>2019:</p> <ul style="list-style-type: none"> • Malhotra, P., & Malik, S. K. (2019). Web Page Segmentation Towards Information Extraction for Web Semantics. In <i>International Conference on Innovative Computing and Communications</i> (pp. 431-442). Springer, Singapore. <p>2018:</p> <ul style="list-style-type: none"> • Khan, A. A., & Malik, S. K. (2018, January). Semantic search revisited. In <i>2018 8th international conference on cloud computing, data science & engineering (confluence)</i> (pp. 14-15). IEEE. • Jaglan, G., & Malik, S. K. (2018, January). Lod: Linking and querying shared data on web. In <i>2018 8th International Conference on Cloud Computing, Data Science & Engineering (Confluence)</i> (pp. 568-573). IEEE. • Tanwar, S., & Malik, S. K. (2018, January). Towards blending semantics with an education based ontology using protege 5.2. 0 a revisit. In <i>2018 8th international conference on cloud computing, data science & engineering (Confluence)</i> (pp. 733-738). IEEE. • Malik, N. & Malik, S. K. (2018). Security in Web Semantics: A Revisit. Proceedings of INDIACom 2018 <i>International Conference on Computing For Sustainable Global Development</i>. (pp. 678-683). IEEE.

	2017: <ul style="list-style-type: none"> Gupta, R. & Malik, S. K. (2017). SPARQL Usage for Mapping Semantic web data (OWL/RDF) from Relational Database: A Revisit. <i>6th International Conference on System Modeling & Advancement in Research Trends (SMART)</i>. Malik, N. & Malik, S. K. (2017). Revisiting Semantic Web Architecture. <i>International Conference on Pattern Recognition (ICPR'17)</i>. Rathee, P. & Malik, S. K. (2017). Revisiting Ontology Merging Operation towards Web Semantics. <i>International Conference on Pattern Recognition (ICPR'17)</i>. Chhikara, M. & Malik, S. K. (2017). Using Betweenness and Information Centrality Analysis in Social Networks using SocNetV. <i>International Conference on Pattern Recognition (ICPR'17)</i>. 			
Books Authored/ BookVolume Chapters	2020: <ul style="list-style-type: none"> Malik, N., & Malik, S. K. (2020). Using IoT and semantic web technologies for healthcare and medical sector. <i>Ontology-Based Information Retrieval for Healthcare Systems</i>, 91-115. Khan, A. A., & Malik, S. K. (2020). Ontology-Based Query Retrieval Support for E-Health Implementation. <i>Ontology-Based Information Retrieval for Healthcare Systems</i>, 143-166. 			
No. of Conferences	National	Attended		Organized
		-		-
	International	-		-
Research Guidance	Awarded	PG	M. Phil	Doctorate
		20 MTech/MCA	-	-
	Undergoing	04		(07) Seven 1. Preeti Rathi 2. Pooja Malhotra 3. Rupal Gupta 4. Monika Chhikara 5. Nikita Malik 6. Aatif Ahmad Khan 7. Puneet Sharma
Research Projects	Completed	-		
	Undergoing	-		
Awards & Distinctions	III rd Best Researcher Award in 2011, GSSIPU			
Administrative Assignments Handled	Alumni, InfoXpression, Examination activities, Sports, Lab activities , etc.			
Association with Professional Bodies	CSI, Life time member			

Any other Achievements	Acted as Session Chair and Invited Speaker in various Conferences. MCA Coordinator
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