

JSS Mahavidyapeetha

JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060

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FACULTY PROFILE

Department: Computer Science & Engineering

1. Personal Details

NAME	Dr. Rohitaksha K	
DEPARTMENT	Computer Science & Engineering	
DESIGNATION	Associate Professor	
PHONE	+91 9632866601	
EMAIL ID	rohithakshak@jssateb.ac.in	
Date of Joining (JSSATEB)	25-07-2013	

2. Experience

Total Experience in Years	Teaching: 11 Years	Industry: Nil	Research: 05Years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Computer Science & Engineering	2009	PES College of Engineering, Mandya	VTU
M.Tech	Networking & Internet Engineering	2012	Sri Jaya Chamarajendra College of Engineering, Mysuru	VTU
Ph.D.	Computer Science & Engineering	2023	VidyaVardhaka College of Engineering, Mysuru	VTU

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 02	National: Nil
Papers Published in SCOPUS indexed Journals	International: 02	National: Nil
Papers Published in other Journals	International: 03	National: Nil
Papers Presented in Conferences / Symposium	International: 02	National: Nil
Books / Book chapters Published	Name of the book: Publisher:	
	Year of Publication:	

	Name of the book: Publisher: Year of Publication:
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5. Research Guidance

PhD Guide? Give field & University	Nil	
PhDs / Projects Guided		

6. Grants

i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization

ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed

iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization

7. Awards Received

8. Publications

i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	Routing in Hybrid Software Defined Networking using Hop-Count Approach	Rohitaksha K, A B Rajendra, J Mohan	International Journal of Wireless and Microwave Technologies(IJWMT)	Vol.12, Issue No.3 Year 2022	-	-	MECS

2	An Improved Approach for Eliminating the Loop in Hybrid Software Defined Network (SDN) Using Modified Bellman-Ford Algorithm	Mohan, J., Devanagaonkar, S.M., Garur, V.V., Karthik, A., Rohitaksha, K. and Rajendra, A.B	Journal of Interconnection Networks	Vol. 20 Issue No. 04 Year 2020	WOS	0.33	World Scientific
3	Heart Disease Prediction Using CNN Algorithm	VirenViraj Shankar · Varun Kumar · Umesh Devagade · Vinay Karanth · K. Rohitaksha	Advances in Computational Intelligence, Paradigms and Applications	Year 2020	NA	Nil	SN Computer Science
4	An Innovative Approach for City Bus Location with Route Navigation System using Android	Abhilash C B Pradeep H K Ravi P , Rohitaksha K	European Journal of Advances in Engineering and Technology	Volume No. 2 Issue No. 3 Year. 2015	NA	Nil	EJAET
5	A Comparative Study on Global and Local Alignment Algorithm Methods	Abhilash C B Rohitaksha K	International Journal of Emerging Technology and Advanced Engineering	Volume No. 4 Issue No. 1 Year. 2014	NA	Nil	IJETAE
6	Android application for vehicle theft prevention and tracking system	K Rohitaksha, CG Madhu, BG Nalini, CV Nirupama	International Journal of Computer Science and Information Technologies	Volume No. 5 Issue No. 3 Year. 2014	NA	Nil	IJCSIT

ii. National Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
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iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	Road Accident Data Annotation and Reporting (RADAR) - A	Rohitaksha. K, Nandan. K. Manu . Benakal,	International Conference on Network, Multimedia and Information	-	-	-	IEEE

	Comprehensive Approach to Automate Accident Images Analysis Using Deep Learning Algorithms	Naveed Khan	Technology (NMITCON)				
2	A comparative analysis of data sets using Machine Learning techniques	CB Abhilash, K Rohitaksha, Shankar Biradar	International Advance Computing Conference (IACC), 2014 IEEE	Year: 2014	Scopus	Nil	IEEE
3	Analysis of POX and Ryu controllers using topology based hybrid software defined networks	Rohitaksha K A B Rajendra	International Conference on Sustainable Communication Networks and Application	Volume No: 39 Year: 2020	Scopus	Nil	Springer

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	Natural Language Processing	MNIT, Jaipur	06 th – 10 th January 2020
2	Big Data Analytics with Hadoop	SDMIT, Ujire	7 th – 12 th January 2019
3	New Model Curriculum for First Year BE/BTech as per OBE	MSRIT, Bangalore	14 th May 2018
4	Machine Learning & Data Analytics	IIIT, Allahabad	20 th – 26 th June 2018
5	Cyber Security	NIT, Warangal	19 th – 24 th December 2017
6	Open Source Network experimentation	NITK, Surathkal	1 st -3 rd June, 2017
7	Emerging Trends in Cloud and Data Center	JSSATEB, Bangalore	22 nd – 24 th September 2016
8	Accreditation Process for Technical Institutions	JSSATEB, Bangalore	26 th – 27 th August 2016
9	Cloud Services and IoT	Cognizant, Bangalore	11 th December 2015
10	R Programming Language	NIT, Tiruchirappalli	16 th – 17 th October 2015

v. Workshops / Conference (Orgained)

Sl. No.	Name of the workshop / Conference	Organised by	Date	Role
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vi. Conference Attended (those sponsored by AICTE / ISTE /IETE /TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organiser	Date
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9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	Cloud Computing	IIT Kharagpur	April 2020	89%
2	Cryptography and Network Security	IIT Kharagpur	April 2020	96%
3	Data Base Management System	IIT Kharagpur	Sep 2019	66%

10. Membership of Professional Bodies:

- 1.Life Membership in Indian Society for Technical Education (MISTE)
- 2.International Association of Engineers

11. Any other information you will like to share about your professional experience

Dr. Rohitaksha K
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