



JSS Mahavidyapeetha

JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060


www.Jssateb.ac.in



FACULTY PROFILE

Department: Computer Science & Engineering

1. Personal Details

NAME	Dr. Vikhyath K B	
DEPARTMENT	Computer Science & Engineering	
DESIGNATION	Assistant Professor	
PHONE	+91 9844092045	
EMAIL ID	vikhyath059@gmail.com	
Date of Joining (JSSATEB)	09-09-2019	

2. Experience

Total Experience in Years	Teaching: 15 Years	Industry: Nil	Research: 05 Years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Computer Science & Engineering	2007	Kalpataru Institute of Technology, Tiptur 572201 Karnataka INDIA	Visvesvaraya Technological University, Belgavi Karnataka
M.Tech	Computer Science & Engineering	2011	Sri Siddhartha Institute of Technology, Tumakuru 572105 Karnataka INDIA	Sri Siddhartha Academy of Higher Education, Tumakuru Karnataka
Ph.D.	Computer Science & Engineering	2024	East West Institute of Technology, Bengaluru 560091	Visvesvaraya Technological University, Belgavi Karnataka
Post Doc.				

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 03	National: -Nil-
Papers Published in SCOPUS indexed Journals	International: 06	National: -Nil-
Papers Published in other Journals	International: 02	National: -Nil-
Papers Presented in Conferences / Symposium	International: 05	National: 04

Books / Book chapters Published	Name of the book: Lecture Notes in Networks and Systems / Intersection of AI and Blockchain Technology: Concerns and Prospects Publisher: Springer Year of Publication:2022
	Name of the book: Publisher: Year of Publication:

5. Research Guidance

PhD Guide? Give field & University	No,	University:
PhDs / Projects Guided	-Nil-	-Nil-

6. Grants

i. Funds Received (Projects)

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

ii. Patents

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

iii. Consultancy

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

7. Awards Received

-Nil-	
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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	Optimal Cluster Head Selection in Wireless Sensor Network via Combined Osprey-Chimp Optimization Algorithm: CIOO	Vikhyath K B, Achyutha Prasad N	International Journal of Advanced Computer Science and Applications	14, 12, 2023	Scopus	0.284	The Science and Information Organization
2	Optimal Cluster Head Selection in Wireless Sensor Network via Multi-constraint Basis using Hybrid Optimization Algorithm:	Vikhyath K B, Achyutha Prasad N	International Journal of Electrical and Electronics Research	11, 4, 2023	Scopus	1.5	Forex Press

	NMJSOA						
3	Combined Osprey-Chimp Optimization for Cluster Based Routing in Wireless Sensor Networks: Improved DeepMaxout for Node Energy Prediction.	Vikhyath K B, Achyutha Prasad N	Engineering, Technology & Applied Science Research,	13, 6 , 2023	WoS	0.49	D. G. Pylarinos
4	Delay optimization and energy balancing algorithm for improving network lifetime in fixed wireless sensor networks	Vikhyath K B, Achyutha Prasad N	Physical Communication	Volume No : 58 Issue : 102038 Year : 2023	WOS / Scopus	2.379	Elsevier
5	Wireless Sensor Networks Security Issues and Challenge: A Survey	Vikhyath K B, Brahmananda S.H	International Journal of Engineering and Technology	Volume No : 7 Issue : 33 Year : 2018	Scopus	--	International Journal of Engineering and Technology (IJET)
6	The power control MAC using RIMA in Ad-Hoc Networks	Vikhyath K B, Chethan B.K, K Karunakara	International Journal of Research in Engineering and Advanced Technology	Volume No : 1 Issue : 5 Year : 2013	--	--	International Journal of Research in Engineering and Advanced Technology (IJREAT)
7	MAC Power Enhancement using Overlapped Carrier Sense Multiple Access	Vikhyath K B, Chethan B.K, Siddappa M	International Journal of Research in Engineering and Advanced Technology	Volume No : 1 Issue : 5 Year : 2013	--	--	International Journal of Research in Engineering and Advanced Technology (IJREAT)

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
-Nil-							

iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	Neural Network Based	Vikhyath K B, Sneh	International Conference on	2023	Scopus		IEEE

	Atrial Fibrillation Classification	Agrawal, Vaibhavi R Balery, Tejeshwini S	Networks, Multimedia and Information Technology (NMITCON)				
2	Survey on Data Security with Intersection of AI and Blockchain	Vikhyath K B, Sheetal Shivaraj Kubsad, Sunidhi A G	Fourth International Conference on Cognitive Computing and Information Processing (CCIP)	2022	Scopus		IEEE
3	Intersection of AI and blockchain technology: Concerns and prospects	Vikhyath K B, Sanjana R K, Vismitha N V	The International Conference on Deep Learning, Big Data and Blockchain (Deep-BDB 2021)	2021	Scopus	-	Springer
4	MAC Power Enhancement using OCSMA	Vikhyath K B, Chethan B.K, M Siddappa	National Conference on Computing and Communication Engineering NCCCE-2013	Volume No :1 Issue : 5 Year : 2013	--	--	Agni College of Technology, Chennai
5	The power control MAC using RIMA in Ad-Hoc Networks	Vikhyath K B, Chethan B.K K Karunakara	National Conference on Computing and Communication Engineering NCCCE-2013	Volume No : 1 Issue : 5 Year : 2013	--	--	Agni College of Technology, Chennai
6	Upgrading the Network Throughput and Enhancing the Power Control by Receiver Initiated Multi Access Protocol in Ad-hoc Networks	Vikhyath K B, Chethan B.K	National Conference on Networking, Embedded and Wireless Systems (NEWS-2012)	Volume No.: 3 Issue : 1 Year : 2012	--	--	BMSCE, Bangalore
7	Authenticated connection establishment in web applications using steganography	Vikhyath K B, M. Siddappa	National Conference on Evolutionary Trends in Information Technology (CETIT)	Year : 2011	--	--	VTU-Belgaum
8	Time stamped Steganography for authenticated connection	Vikhyath K B, M. Siddappa	National Conference on "Frontiers of Computer Science"	Year : 2011	--	--	DBIT, Bangalore

	establishment in web applications		(FCS11)				
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iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	IBM Community Edition Workshop on "IBM Technologies", , Bangalore during	IBM Academic Initiative, SSIT-Tumakuru	8 th – 10 th August 2008.
2	National Conference on "Advances in Computer Application NCACA-09	Department of Master of Computer Applications, SSIT, Tumakuru	7 th – 9 th May 2009.
3	Three days workshop on "Advances in Computer Technologies: routing, Switching, Virtualization and Ns2 simulator"	RVCE, Bangalore	7 th -9 th March-2013.
4	Two day workshop on "Communication Strategies and Soft skills for Teachers"	SSIT, Tumakuru Under TEQIP-II-1.2	15 th -16 th Apr 2013
5	One day workshop on "LATEX"	Dept of ISE, SSIT Tumakuru under TEQIP-II-1.2	20 th Apr 2013
6	Two day workshop on "Android Applications"	Dept of ISE SSIT Tumakuru Under TEQIP-II-1.2	28 th - 29 th June 2013
7	Two days workshop on "Outcome Based Accreditation and Preparation of Self Assessment Report for NBA" under	SIT Tumakuru Under TEQIP-II-1.2	4 th - 5 th July 2013
8	Three day workshop on "Simulation of Wired and Wireless Networks using Qualnet and Exata"	Department of ISE, SSIT Tumakuru.	27 th - 29 th January 2014
9	Faculty Development Programme on "Cloud Computing Architecture, Security and Reliability"	Tata Consultancy Services (TCS) at SSIT, Tumakuru under Academic Interface Programme.	30 th January 2014
10	Two day Workshop on "Digital Image Processing"	Department of ISE, SSIT Tumkur in association with Karnataka Science and Technology Academy (KSTA) at SSIT, Tumkur	17 th -18 th Oct 2014
11	Five day faculty development program on "Pedagogical skills development training for engineering college teachers"	SSIT, Tumakuru under TEQIP-II-1.2	15 th - 19 th June 2015
12	Five day faculty development program on "Advanced Pedagogical skills development training for engineering college teachers"	SSIT, Tumakuru under TEQIP-II-1.2	10 th - 14 th Aug 2015
13	Three day IEEE Workshop on "IoT Application Development"	Amrita School of Engineering, Bengaluru Campus.	5 th - 7 th August 2016
14	Two day Workshop on "Saksham-Microsoft Azure & Cognitive Services"	JSSATE, Bangalore	28 th - 29 th Sept 2018
15	Two day Workshop on "Digital Technologies",	Tata Consultancy Services, Bangalore	18 th - 19 th Mar 2018
16	15 days Instructor Training program on "CCNA Module 1 and 2 on Routing and Switching"	Amrita Vishwa Vidyapeetham, Coibatore Campus, Amritanagar, Coimbatore, Tamilnadu	24 th - Jun 2019 to 6 th July 2019
17	Four Day FDP on "Future-Vision: Marriage of AI and Blockchain"	Rajarambapu Institute of Technology, Sangli, Maharastra	14 th – 17 th May 2020
18	5-Day Global E-Symposium on "Global Pandemic Outbreak: Role of Technology and Automation"	JSSATE - Noida	1 st - 5 th June 2020
19	Five day FDP on "A DevOps approach: Dockers in Blockchain"	AMCEC, Bengaluru	17 th - 21 st June 2020
20	Two week FDP on "Python"	JSSATE - Noida	22 nd June to 5 th July 2020
21	Three day FDP on "Online Teaching Tools"	Jain–University, Bengaluru	8 th - 10 th July 2020

22	Five day FDP on "Trends in Data Science"	MSRIT- Bengaluru	13 th -17 th July 2020
23	ATAL Five day FDP on "Artificial Intelligence"	IIT- Patna	19 th - 23 rd Oct 2020
24	Five day FDP on "Recent Advances in Network Security and Blockchain Technology"	IIT-Indore	7 th – 12 th Dec 2020
25	ATAL Five days FDP on "Blockchain"	JSSATE-Bengaluru	18 th – 22 nd Jan 2021
26	One day FDP on "NEP 2020-Touching the Iceberg"	JSSATE-Bengaluru	9 th Sept 2022
27	ATAL Five day FDP on "Data Science"	IIIT - Kottayam	28 th July to 1 st Aug 2021
28	Two weeks FDP on "Natural Language Processing"	Electronics& ICT Academics IIT Kanpur	7 th to 18 th Feb 2022
29	Ten days week FDP on "AI and Data Science"	NIT- Warangal	20 th to 30 th June 2022
30	Three days FDP on Full Stack Development using Django	JSSATE - Bengaluru	1 st to 3 rd April 2024

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	Two day workshop on "Android Applications"	Dept of ISE SSIT Tumakuru Under TEQIP-II-1.2	28 th - 29 th June 2013	Organizing Committee Member
2	Three day workshop on "Simulation of Wired and Wireless Networks using Qualnet and Exata"	Department of ISE, SSIT Tumakuru.	27 th - 29 th January 2014	Organizing Committee Member
3	One Day Webinar on "Importance of Network Security and IT Technologies"	Department of CSE, JSSATE - Bengaluru	22 nd Oct 2020	Co-ordinator
4	Technical talk on "Embedded systems, UEFI, BIOS and Industry Trends"	Department of CSE, JSSATE - Bengaluru	21 st Feb 2023	Co-ordinator

vi. Conference Attended (those sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	National Conference on "Computer Networks and Soft Computing NCNS-12"	Department of Computer Science and Engineering, SSIT, Tumakuru	6 th – 7 th November 2012.
2	National Conference on "Advances in Computer Application NCACA-13"	Department of Master of Computer Applications, SSIT, Tumakuru	16 th – 17 th May 2013.
3	National Conference on Recent Advancements in computer Engineering	Department of Computer Science and Engineering, JSSATE - Bengaluru	24 th June 2022
4	Fourth International Conference on Cognitive Computing and Information Processing (CCIP)	JSS Academy of Technical Education Bengaluru	23 rd – 24 th Dec 2022
5	International Conference on Advances in Engineering and Technology for Intelligent Systems	Department of Electronics and Telecommunication Engineering, Dayananda Sagar College of Engineering, Bengaluru	16 th – 18 th May 2023
6	International Conference on Networks, Multimedia and Information Technology (NMITCON)	Nitte Meenakshi Institute of Technology, Bengaluru	1 st – 3 rd Sept 2023

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Cryptography and Network Security	NPTEL, IIT Kharagpur	Qualified	95%
2	Computer Graphics	NPTEL, IIT Guwahati	Completed	60%
	Computer Networks and	NPTEL, IIT Kharagpur	Completed	69%

	Internet Protocol			
3	Programming for Everybody(Getting Started with Python)	COURSERA	22-02-2020 Qualified	98%
4	Learn Ethical Hacking from Scratch	Udemy	17-05-2020 Qualified	--

10. Membership of Professional Bodies:

1. Membership in International Association of Engineers (IAENG)

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

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