

Dr. Sunil Kumar Jangir**I. RESUME SUMMARY****CONTACT INFORMATION**

Ward no.8 new, Near Trimurti Mandir, Suratgarh, Distt. Sri Ganganagar
(M):09602538312, 09251039749 Email: sunil.jangir07@gmail.com
Google Scholar : <https://bit.ly/2HrDZaf> GitHub: <https://github.com/suniljangir>

EDUCATIONAL QUALIFICATION

Degree	Subjects	Board / University	School/Institute	Year	Percentage
Ph.D.	Computer Science & Engineering	JECRC University, Jaipur	School of Engineering	2014 - 2018	Awarded in 2018
M.Tech.	Software Engineering	Suresh Gyan Vihar University, Jaipur	Gyan Vihar School of Engineering & Technology, Jaipur	2010 - 2012	8.9 CGPA
B.E.	Information Technology	University of Rajasthan, Jaipur	Jaipur Engineering College, Kukas, Jaipur	2005 - 2009	72.63% HONS.
XII	PCM	Board of Sec. Education, Rajasthan	T.C.A. Sr. Sec. School, Suratgarh	2005	70.63%
X	General Subjects	Board of Sec. Education, Rajasthan	T.C.A. Sr. Sec. School, Suratgarh	2003	85%

PROFESSIONAL EXPERIENCE

Duration	Institute / Organization	Designation	Job Profile
Nov. 2016 – Till	JECRC, Jaipur	Associate Professor, Head- Department of Information Technology	Involve in Research, Innovation in Active Teaching learning, Incubation
Nov. 2012 – Nov. 2016	JECRC, Jaipur	Assistant Professor	Involve in study material development & research.
Nov 2009 - Nov 2012	JECRC, Jaipur	Lecturer	CSI-Student Branch Coordinator
July 2009 – Oct. 2009	RMG, Info Service, Gurgaon	Software Trainee	Developer (Asp.Net, C#)

PUBLICATIONS

International Journal	National Journal	International Conferences	National Conferences
06	Nil	10	10

Conferences /Workshops/International Certification Training Programs Attended/Organized

Conference /Workshops Attended		International Certification Training Programs	
International	National	Attended	Organized
6	10	5	8

PROFESSIONAL TRAITS

An Energetic, dedicated person with good communication and leadership qualities to motivate people to achieve organizational objectives.

PROFESSIONAL SYNOPSIS

Total Experience: 9Yrs & 11 Months.

Academic Experience: 09Yrs & 07 Months. (Nov. 2009 – Till Date)

Full time faculty in the Department of Information Technology, Jaipur Engineering College & Research Centre, Jaipur, Rajasthan – India, Affiliated to Rajasthan Technical University and approved by AICTE, New Delhi.

Industrial Experience: 04 Months

Software Trainee (july2009 –Oct.2009)

Project title: “Gurgaon On call”

A search engine developed for Gurgaon which provides e-media solutions to the users and Business Associates at RMG Info Services Pvt. Ltd., Gurgaon.

PUBLICATIONS

International Journal:

- Sunil Kumar Jangir, Naveen Hemrajani , “ **A Comprehensive Review and performance evaluation of detection Techniques of Black hole Attack in MANET** ” , Published in Journal of Computer Science (JCS) 13 (10): 537.547 , DOI: 10.3844/jcssp.2017.537.547
- Sunil Kumar Jangir, Naveen Hemrajani, “**Collusion BW Hole Attack**” Published in “International Journal of Advanced Research in Computer Science” Volume 8, No. 9, November-December 2017, ISSN No : : 0976-5697 , DOI: <http://dx.doi.org/10.26483/ijarcs.v8i9.5054>
- Sunil Kumar Jangir, Naveen Hemrajani, “**A Comprehensive Review and Performance Evaluation of Reactive and Proactive Protocols under Routing Attacks in MANET**” Published in “International Journal of Emerging Technology and Advanced Engineering” Volume 7, Issue 10, October 2017, ISSN No : : 2250–2459
- Sunil Kumar Jangir, Neha Gupta, Shreya Agrawal, “**Evolution and Melioration Of Software Management Processes**” Published in “International Journal of Software Engineering and Applications(IJSEA)” Vol.3, No.1, January 2012, Page No. 61-83, ISSN No : : 0975 - 9018(Online) ; 0976-2221 (Print).
- Vincy Goyal ,Sunil Kumar Jangir , Naveen Hemrajani , “**Analysis of Routing Protocols for Large Scale Multihop Multirate MANETs**” Published in “International Journal of Computers & Technology (IJCT)” Vol 10, No 2, Aug 10,2013, ISSN No : : 2277 - 3061(Online) ;
- Sunil Kumar Jangir , Naveen Hemrajani , “**Survey of Security Threats and Counter Measures in Mobile Ad-Hoc Networks**” Published in Volume 6, Issue12, December 2015 Edition. in International Journal of Scientific and Engineering Research IJSER .

International Conference:

- Sunil kumar Jangir¹, Naveen Hemrajani². “**Investigation of MANET Routing Protocols via Quantitative Metrics**” Proceedings of ISDB-ACM-WIR 2018 by Springer , *Ahead of Print*.
- Sunil kumar Jangir, Naveen Hemrajani, “**A Detection Technique for Overhead Minimization in Tunneling Attack**” Proceedings of International Conference on Recent Advancement on Computer and Communication by Springer Nature Singapore 2018, pp. 655-644, ISBN 978-981-10-8198-9 , 2017.
- Sunil Jangir¹ ,Naveen Hemrajani², “**Multimedia Traffic over MANETs: Evaluation and Performance Analysis**” **Fourth International Conference on Networks & Communications (NETCOM-2012)** held in Chennai, India on December 22 - 24, 2012 published by Springer in Lecture Notes in Electrical Engineering (LNEE) series (**Confirmed**).
- Sunil Kumar Jangir¹, Ritu Gupta², Chandra Prakash Sharma³, Ruchi Dave⁴ “**Estimating Cost Benefit by Improving Software through Re-Engineering**” Published in proceeding for RTCMC-2012 by OITM, Hisar. SPONSORED by AICTE. ISBN No. 978-81-923446-0-7, Volume-1 ,Page no.224. Date on 25-26th Feb. 2012.
- Sunil Jangir¹ ,Naveen Hemrajani², “**A Comprehensive Review on Detection of Wormhole Attack in MANET**”. in IEEE ICTBIG 2016: 2016 International Conference on ICT in Business, Industry, and Government (ICTBIG) published at IEEE Xplore Digital Library on 18-19 November 2016 at Indore. ISBN: 978-1-5090-5515-9, <https://doi.org/10.1109/ICTBIG.2016.7892688> , 2016
- Sunil Jangir¹ ,Naveen Hemrajani², “**Evaluation of Black hole, Wormhole and Sybil Attacks in Mobile Ad-hoc Networks**”. 2nd International Conference on Information and Communication Technology for Competitive Strategies” (ICTCS - 2016) published at ACM Digital Library on 4-5 March 2016 at Udaipur. ISBN: 978-1-4503-3962-9, <https://doi.org/10.1145/2905055.2905133> , 2016

National Conferences:

- Entitled “**Distributed Security Architecture for Mobile Infrastructure Based Vehicular Ad Hoc Networks**” Published in proceeding for NCRAES-2013 by SIIT, Jaipur. Dated on 23th January 2013.
- Entitled “**Strategies & Trends in Software Bugs Removal Tactics**” National Conference COMPUTATIA- 2012 by VIT, Jaipur. Dated on 28-29th January 2012.
- Entitled “**Android as Potential source of communication in Millennium Era**” Presented at National Conference association with **IEEE student branch** of PDM college of Engineering, Bhadthurgarh, Haryana. Date on 17-18th Nov 2011.
- Entitled “**Role of Business Intelligence in Enterprises a blend to Telecommunication**” Presented at National Conference Held at Amity University, Jaipur. Date on 22-23th Sep 2011.
- Entitled “**Role of Arbitrator in Authentication**” Presented at National Conference association with **IEEE MTT-S** Conference held at Sri Balaji College of engineering & technology, Jaipur. Date on 15-16th Sep 2011.
- Entitled “**Software Testing Tool for Web Interactions in Web Applications**” Published in proceeding for SDCN-2011 by Suresh Gyan Vihar University, Jaipur in association with CSI. ISBN No. 978-81-7906-273-9, Page no.194. Dated on 30-31st March 2011.

CONFERENCES/WORKSHOPS/ TRAINING PROGRAMS ATTENDED

- Attended a 5 Days FDP on Robotic Process Automation by UI-Path at Bennett University, Noida in May 2019.
- Attended a 5 Days FDP on Entrepreneurship Skills by MNIT Jaipur in March 2019.
- Attended a 2 Days workshop on Incubator Manager Training by Nexus ,Delhi in Feb 2019.
- Attended a 3 Days workshop on OBE Process by NBA, Delhi in 2018.
- Attended a 3 Days FDP Program on Deep Learning at Bennett University, Noida in 2018.
- Attended a 5 Days FDP Program on Machine Learning & Python at SKIT, Jaipur in 2018.
- Attended a 3 Days FDP Program on LaTeX at GIT, Jaipur in 2018.
- Attended a 2 days FDP Program on MOOCs & Digital Contents Development at Anand College, Jaipur in 2018.
- Attended a 5 Days FDP Program on Advanced Wireless Networks at MNIT, Jaipur in 2014.
- Attended a 7 Days workshop on Teaching Skills Aarambh conducted by Wipro in 2012.
- Attended two day National Workshop on “Research Methodology and Scientific Writings” supported by DST at JECRC on February 28-29, 2012.
- Certified for successfully completion of a four day training program on “Object Oriented Analysis and Design using UML with essentials of Rational Software Architect” conducted by IBM from 27th to 30th September 2011.
- Attended National Workshop on “Wireless Networks: Today & Beyond” at SGVU, Jaipur sponsored by CSI on September 20, 2010.
- Attended FDP Program Conducted by TCS on Risk Management at Poornima Engineering College, Jaipur.
- Attended FDP Program Conducted by EMC² on Storage & Information Management system at Jaipur Engineering College & Research Center, Jaipur.
- Attended 4 day workshop on IBM RFT tool conducted by IBM at JECRC in June 2010.
- Attended 4 day workshop on IBM RAD v6.0 tool conducted by IBM at JECRC in March 2010.
- Attended 3 day workshop on IBM DB2 9 Fundamentals conducted by IBM at JECRC in February 2010.
- Attended workshop on Virtual Labs at IIT Delhi, conducted by MHRD. January 2010.

M.TECH. DISSERTATION WORK

QOS Provisioning for transmitting Delay Sensitive application over MANET using Call Admission Control (CAC)

Purpose:

To discover route from source to destination that will satisfy the application delay requirement with minimum overhead and perform efficient admission control.

Tool: Qualnet V.5

ACHIEVEMENTS

- Entitled 55th rank in Rajasthan Board in 10th standard, for which rewarded with scholarship.
- Achieved “**BEST STUDENT**” award from **Bharat Vikas Parishad**.
- Got “**Best project award**” in 2009 in IT department (**Project: Multi-Touch Detection System**).
- Secured **I Rank** in M.Tech.(Software Engineering) II , III & IV semester Examination at **Suresh GyanVihar University**, Jaipur.

PERSONAL PROFILE

Date of Birth: Oct-09-1987
Passport no.: **H4676408**

REFERENCES

Dr. Naveen hemrajani

Head of Department (CSE)
School of Engineering & Technology, JECRC University, Jaipur
Email:naven_h@yahoo.com

Dr. Chaagan Choudhary

Postdoc Fellow
University of Padua
Email: chhagan.iiita@gmail.com

Dr. Garima Mathur

Head of Department (E&C)
PCE, Sitapura, Jaipur
Email: garimamathurjec@gmail.com

Place:

Date:

(Dr. Sunil Kumar Jangir)

Role & Responsibilities at JECRC Foundation :

INITIATIVE

- *Initiated the Student Chapter of “ACM” at JECRC, Jaipur in Jan 2019.*
- *Initiated the Student Chapter of “Computer Society of India” at JECRC, Jaipur in Jan 2012.*
- *Co-SPOC for IBM Initiative Program at JECRC, Jaipur.*
- *Convener JECRC HACKATHON 1.0*

WORKSHOP/SEMINAR/CONFERENCE COORDINATED

- Convener International Conference on Information Technology & Digital Application **ICITDA-2018.**
- Organizing Team member of “**RESEARCH METHODOLOGY AND SCIENTIFIC WRITINGS**” Supported by DST Rajasthan in February 28-29, 2012 held at JECRC, Jaipur
- Faculty development program on “**Teaching Engineering Using MATLAB & SIMULINK**”
- Supported by IUCEE, US and India in July 05 – 07, 2011 at JECRC, Jaipur.
- Faculty development Program Conducted by TCS on “**Cloud Computing**” in April 2011 at JECRC, Jaipur.
- Faculty development Program Conducted by EMC² on “**Storage & Information Management system**” in February 2011 at JECRC, Jaipur.
- International Conference on “**Web Based Learning and Library Management**” “supported by CSIR in January 30-31, 2011 at JECRC, Jaipur.
- Workshop on “**Open Source Technology and their Uses**” at JECRC Foundation (JECRC & UDML). in March 2010
- Workshop on “**Ajax Uses In .NET Framework**” supported by Keyprompt Technology Pvt. Ltd. Jaipur, at JECRC Foundation (JECRC & UDML). In April 2010.
- Workshop on “**TGMC 2010**” conducted by IBM at JECRC in December 2009.

TRAINING PROGRAMS COORDINATED

- Coordinated the training program on IBM Tools i.e. **DB2, RAD, RFT** conducted by Authorized Training Partners of IBM.
- Organized 45 days training program on “**.Net technology**” within the campus, conducted by Key prompt Technologies Pvt. Ltd. in July 2010
- Organized 90 days training program on “**Networking applies with Routers and switches**” within the campus, conducted by RNS InfoTech. Pvt. Ltd. in November 2010
- Organized 45 days training program on “**Pre Hypertext Processor & Application**” conducted by ACPL in August 2010.

TRAINING AND PLACEMENT OFFICER-Departmental (DEC-2009 to OCT- 2011)

- Core Team Member for TCS 2011 recruitment drive, a history was created **239** got placed in TCS from **JECRC Foundation** in December 24-26, 2010.
- Core Team Member for TCS 2012 recruitment drive, a history was created **267** got placed in TCS from **JECRC Foundation** in September 20-22, 2011.

CO-CURRICULAR ACTIVITY COORDINATOR

- Publishing monthly News Letter “IT-NewsLetter” from Jan 2017-till.
- Publishing magazine “The-Edifier” From July 2014-till.
- Core team Member of “DST WOS-A” Interviews held at JECRC from 7th-8th Feb.2012.
- Core team member of “iWeekend 2012”, an International level technical fest held at JECRC From 3th-5thFeb. 2012.
- Organized 5 day tour for students of I.T. Department at Rishikesh, Mussoorie from 12th -16th Oct’2010
- Core team member of “Renaissance 2010-till”, a national level technical cum cultural fest held at JECRC every year.
- Core team member of Anti Ragging team of JECRC foundation.
- Core team member of RPET Counseling in year 2012,2013.
- Editor Member of The Edifier Departmental Magazine from January 2012.

Place:

Date:

(Dr. Sunil Kumar Jangir)