

Name: Rohit Singh
Qualification: B. Tech,
M. Tech. (NIT-Hamirpur),
*Ph.D. (NIT-Jalandhar)
Department: Computer Science & Engineering
Experience: 9+ Years
Current Organization: KNIT, Sultanpur (UP)
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Objective:

To seek out a challenging opportunity to utilize my functional and technical skills in organization and to be a part of an organization where creativity, hard work and sincerity are recognized and well rewarded.

Work Experience (9+ Years Teaching):

- Kamla Nehru Institute of Technology (KNIT), Sultanpur (UP) through NPIU (TEQIP-III) from 04 Sep 2018 to till date (3 years) as an Assistant Professor in CSE Department.
- JECRC University, Jaipur (Raj.) from 16 Aug 2017 to 31 Aug 2018 (**1 year**) as an Assistant Professor in CSE Department.
- Career Point University, Kota (Raj.) from 01 Aug 2012 to 11 Aug 2017 (**5 years**) as an Assistant Professor in CSE Department.

Research Areas:

Wireless Sensor Networks, Mobile Adhoc Networks, Mobile Computing and Internet of Things (IoT)

NPTEL / Swayam Courses:

- Successfully completed the course on “Introduction to Internet of Things” with a consolidated score of 68% during Jul-Oct 2019 (12 week course) from NPTEL-AICTE.
- Successfully completed the course on “Social Networks” with a consolidated score of 52% during Jul-Oct 2019 (12 week course) from NPTEL-AICTE.

FDP / STC / Workshops Programs:

- Participated in one week MHRD–TEQIP-III KITE course on “Internet of Things (IoT)” during 27th to 31st January 2020 at Indian Institute of Technology, Bombay.
- Participated in one week faculty development program on “AI and Machine Learning” supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India during 23rd to 27th December 2019 at KNIT, Sultanpur.

- Participated in one week faculty development program on “Deep Learning and Applications” supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India during 9th to 13th December 2019 at KNIT, Sultanpur.
- Participated in one week faculty development program on “Python Programming with Industry Perspective” supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India during 2nd to 6th December 2019 at KNIT, Sultanpur.
- Participated in one week faculty development program on “Robotics & AI” supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India during 24th to 28th June 2019 at KNIT, Sultanpur.
- Participated in one week MHRD sponsored TEQIP Training Workshop on “Advance Pedagogy and Digital Tools” during 10th to 14th June 2019 at Indian Institute of Technology, Roorkee.
- Participated in one week AICTE recognized Short Term Course on “Next Generation Wireless Networks” during 29th April to 3rd May 2019 at KNIT, Sultanpur.
- Participated in one week AICTE recognized short term course on “Instructional Planning (Module-I) through ICT”, during 12th to 16th June 2017 at Career Point University, Kota (Raj.).
- Participated in one week faculty development program on “Applications of MATLAB and LaTeX in the field of Research”, during 10th to 14th Nov. 2014 at Govt. Engineering College, Jhalawar (Raj.).
- Participated in 3 days workshop on “Open Education Resources”, during 17th to 19th May 2013 at Vardhaman Mahaveer Open University, Kota.

Publication:

- Rohit Singh, Lalit Kumar Awasthi and K. P. Sharma, “Distributed denial-of-service attacks and mitigation in wireless sensor networks” chapter in the book Distributed Denial of Service Attacks, published by De-Gruyter, 2021. <https://doi.org/10.1515/9783110619751-004>
- Garima Tyagi and **Rohit Singh**, “Implementing CALL System using Natural Language Processing Tools”, at the 2nd International Conference on Advanced Computing and Software Engineering (ICACSE), SSRN: <https://ssrn.com/abstract=3349556> or <http://dx.doi.org/10.2139/ssrn.3349556>, March 9, 2019.
- Garima Tyagi, **Rohit Singh** and Dr. Abid Hussain, “Applications of Genetic Algorithm in Water Resources Management and Optimization”, at the 2nd International Conference on Advanced Computing and Software Engineering (ICACSE), SSRN: <https://ssrn.com/abstract=3349585> or <http://dx.doi.org/10.2139/ssrn.3349585>, March 9, 2019.
- Ashik Hussain, Shurti Gupta, **Rohit Singh**, “Shrinking hyper-sphere based Artificial Bee Colony algorithm”, at the International Conference on Computer,

Communication and Control (IC4), ISBN: 978-1-4799-8163-2, INSPEC Accession Number: 15700375, Publisher: IEEE, 10-12 Sept. 2015.

- Tanvi Sharma, **Rohit Singh**, “Input Verifiability in Delegation of Computation with Embedded Proofs”, at the International Journal of Engineering Development and Research, ISSN: 2321-9939, Volume 2, Issue 3, Paper ID: IJEDR1403081, Oct 2014.
- Shilpee Handa, **Rohit Singh**, “Data Scavenging Threat in Cloud Computing”, at the International Conference on Computer Science and Mechanical Engineering held at Jaipur on 10th August 2014.
- **Rohit Singh**, Pardeep Singh, “Proposed Scheme for Scalable Video Broadcasting to Reduce Channel Switching Delay”, in International Journal of Computer Applications, ISSN: 0975-8887 , Volume 69, Number 22, May 31, 2013.
- **Rohit Singh**, Pardeep Singh, “Analysis of Time Slicing and OFDM Transmission Services of DVB-H,” in International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277 128X, Volume 2, Issue 3, March 2012.

Professional Qualification:

- Pursuing **PhD** in CSE Department from Dr. B. R. Ambedkar National Institute of Technology, Jalandhar (Punjab).
- **2012 M. Tech.** (Mobile Computing) in CSE Department from National Institute of Technology, Hamirpur-177005 (H.P.). Secured 7.04 CGPI at 10 Scales.
- **2010 GATE** Qualified with 94.20 Percentile & GATE score 445.
- **2009 B. Tech.** in Information Technology branch from Invertis Institute of Engineering & Technology, Bareilly-243001 (U.P). Affiliated to UPTU & secured 69.20%.

Academic Qualification:

- 2005 Inter-mediate in PCM Group from SMIC, Chandausi-244412 (U.P.).
- 2003 High-school in Science Group from SMIC, Chandausi-244412 (U.P.).

Personal Information:

Fathers Name: Shri. Mannu Singh

Nationality: Indian

Date of Birth: 11-01-1989

Blood Group: AB+

Marital Status: Married

Gender: Male

Permanent Address: Chandausi, Dist.-Shambal (Uttar Pradesh)

(Rohit Singh)