Name: **Kriti Ohri**
Designation: Assistant Professor
Department: Computer Science & Engineering
Mail ID: kriti_o@vnrvjiet.in, kriti.ohri@gmail.com
Experience (in years): Teaching: 6 **Research:** 2 **Others:** 2.5

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	PhD.	Pursuing	CSE
2	M. E (Panjab University)	2015	CSE
3	Post-Graduation Diploma in IT (PGDIT) Symbiosis	2011	IT
4	B.Tech (PTU)	2008	CSE

2. Teaching and Learning:

2.1 Teaching Interests: Cloud Computing, Data analytics, Big Data, Object Oriented Analysis and Design, C programming, Software Quality Assurance and Testing, Database Management, Networks, C++, Machine Learning

2.2 Novel Teaching & Learning Techniques adopted: Application oriented teaching, MOODLE, Simulations, WIT & WIL, story boards, and PPT's

2.3 Involvement in curriculum updating / Design: Designing of Lab Manuals and course material

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:
- Writing thoughts and poems
- To motivate students towards moral values in life
- Browsing internet and reading magazines.
- Travelling to new places.
- Exploring culture and tradition of various places.

3.2. CCA/ECA Organized:

- Participated as a Volunteer for coordinating the International Conference in Computer Network and Information Technology held at NITTTR, Chandigarh on 20 to 21 March, 2014

3.3. CCA/ECA participated:

- Participated as a Volunteer for Press and Media team in National Abilympics Program held at NITTTR, Chandigarh on 3to5 November, 2014.
- Participated as a Volunteer for Press and Media in 5th National Organic Farming Convention, NITTTR, and Chandigarh on 28 February to 2 March, 2015.

3.4. Counseling and Mentoring Activity: Have Counseled and motivated students in the class, have taken value education classes for students.

3.5. Committees involved in:
Department level:
- Member – NBA team(2017)
- ECA/CCA: Certificate collection from students(2017)
- Member of department IIIC
- Second Coordinator of data science

Institute Level:
- SPOC for ADAPT program by Capgemini to selected students.
- SHE TEAM
- Coordinator for Open house

4.Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted:
- Organized a guest on "Software engineering" to second year students, reosurse person from Capgemini.
- Organized a guest on ""Career Opportunities and Crafting Success"" to second year students, reosurse person from Capgemini.
- Organized a Guest Lecture on "Cloud Technologies" on 21-08-2019 from Mr.Praveen Kumar Sreeram , Capgemini
- Organized Guest Lecture on "Cyber Security" on 24-09-2019 by Mr.Rahulji Vittappu, Senior Manager at Capgemini
- Guest Lecture on "Data Analytics on 25-09-2019 by Mr.Sasidhar, Garighat
- Organized Guest Lecture on "Machine Learning" on 07-01-2020 by Aalekh Jain, CEO - Atrite
- Coordinator for FDP on " Big data framework and Tools" from 25-6-2018 30-6-2018 at VRVJIET
- Coordinator for Capgemini guest lecture organized on 5th Oct, 2017 on "Cloud Computing" at VRVJIET
- Committee member of Image Processing workshop organized by VNRVJIET from 20th March, 2017 to 23rd Match, 2017

- Took Lecture on Ad hoc Networks in Short Term Course on Wireless Networking through ICT organized by Department of Computer Science and Engineering, NITTTR from 19 to 21 November, 2014.
- Took Lecture on Cloud Computing in One Day Workshop on Cloud Computing organized by Department of Computer Science and Engineering, NITTTR on 29thAugust, 2014.
- Took guest lecture on Firewalls for M.E. (Computer Science) second semester students of NITTTR, Chandigarh.
-

4.2 Attended:

- Recent Advancements in Machine Learning & Deep Learning-CSI, VNRVJIET- 5 days (2021)
- Online Faculty Development Programme on Machine Learning for Computer Vision-Electronics & ICT Academies-2 weeks (2020)
- Artificial Intelligence and Deep Learning, organized by Leading India by Benett University, Noida-5 days (2020)
- Attended 5 day FDP on "Deep Learning and it's applications" organized by Electronics and ICT Academy, NIT Patna from 17th to 22nd June, 2020
- Attended 5 day FDP on "Artificial Learning and Machine Learning for Engineering Applications" organized by Department of CSE, VNRVJIET from 8th to 12th June, 2020
- Attended 5 day FDP on "Python for machine learning" organized by Department of CSE, VNRVJIET from 18th to 23rd May, 2020
- Attended 5 day FDP on "Artificial Intelligence" organized by Department of IT, BVRIT from 22nd to 26th May, 2020
- Attended 5 day FDP on "Artificial Intelligence and Deep Learning " organized by Bennett University from $4t^h$ to 8th May, 2020
- Attended 5 day FDP on "Natural Language Processing" organized by Electronics and ICT Academy, NIT Patna from 6th to 10th Jan, 2020
- Attended One Day workshop on Linix at VNRVJIET organized by ICT at IIT Bombay
- Attended Refresher programme on "Intelligent computing and deep learning" at VNRVJIET from 14-5-2018 to 19-5-2018
- Attended FDP on "Big Data Analytics" at VNRVJIET from 25-6-2018 to 30-6-2018
- Attended 3 days workshop on "Big Data" in the month of Dec, 2017.
- Attended 5 days FDP on "Data analytics" with R in the month of May, 2017.
- One day Faculty development program on Cloud Computing and Artificial Intelligence organized by JP Morgan on 27th March, 2017.
- Attended three days Image Processing workshop organized by VNRVJIET from 20 to 23rd March, 2017.
- Attended faculty development program on C and data structures organized by Malla Reddy College for Women on 22-28th June, 2016.
- Participated in the AICTE recognized short term course on "BUILD MYSMARTPHONE" organized by National Institute of Technical Teachers and Research, Chandigarh and Indira Gandhi Delhi Technical University for Women and sponsored by Microsoft Mobile Development Relations at NITTTR, Chandigarh from 04/05/2015 to 08/05/2015.

- Attended one day workshop on "Network Security using Monosek" on 23/09/2014 held at computer science department of NITTTR, Chandigarh.
- Attended two day workshop on Android Application Development as a part of National Technology Awareness campaign being conducted by Codex Design Services in association with Rendezvous, IIT Delhi held at NITTTR, Chandigarh from 22 to 23rd January, 2015.

5. **Academic Contribution and Research & Consultancy**:

5.1. Invited Lectures: **NIL**
5.2. Articles/Chapters published inBooks: **Nil**
5.3. Books published as single author as editor: **Nil**
5.4. Projects Guided:
      a) UG**: 4**   b) PG**: 3**
5.5. Research Interests: Cloud Computing, Wireless Networks, Data Anaytics, IOT
5.6. Ph.D students:
      a) Enrolled: **Nil**   b) Submitted**: Nil**   c) Awarded: **Nil**

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Review on self-supervised image recognition using deep neural networks. Knowledge-Based Systems	Knowledge-Based Systems. SCI indexed Journal Vol. 224	29:107090.	5.9	International

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	A Survey on Clustering Techniques for a Wireless Sensor Network	National Conference on Computing Technologies, NITTTR, Chandigarh, India, pp. 1-8, 30 to 31 March, 2015	National	2 Days 30 to 31 March, 2015

2	Optimized Relay Node Based Energy Efficient MAC Protocol for a Wireless Area Network	Springer Proceedings, International Congress on Information and Communication Technology in concurrent with Excellence Awards 2015, Udaipur, India, 9 to 10 October, 2015. Vol. 2, Issue 7, pp. 525-534	International	2 D9 to 10 October, 2015ays
3	MOOCs: Education for all on "Cloud"–On Going Development in India	2nd Internaltional Conference on Technical acheivments in Computer Science and Engineering, 19-20 August, 2016, ISBN:978-93-83038-41-1, pp.241--245	International	2 Days 19-20 August, 2016
4.	Containerization: Light Weight Virtualization	International Conference on Communication, Computing and Networking 23rd – 24th March, 2017 ISSN: 2229-631X	International	2 23rd – 24th March Days
5.	"Performance Analysis of Wireless Body Area Sensor Analytics using Clustering Technique"	8th IEEE ICCSP 2019	International	3 Days 4-6 April 2019
6.	Performance Analysis of Data Mining, Neural networks &SVM and Fuzzy Algebra in Decision Making Process for Machine Learning Dataset	International Journal of Engineering & Technology, 7 (4.28) (2018) 689-698	International	6th September 2018
7.	Improving Learning in Mathematic courses in Engineering through learning analytics	National Conference on Machine Learning and Artificial Intelligence,	National	1st Feb, 2020
8	IoT Based Smart Luggage Monitor Alarm System	ICIoTCT 2019: 4th International Conference on Internet of Things and Connected Technologies (ICIoTCT), 2019 pp 294	International	15 February 2020
10.	Replication and Automatic Updates of File Fragments in Cloud	International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019	International	October 2019

11	Interval valued fuzzy matrix-based decision making for machine learning algorithms	International Journal of Computational Systems Engineering. 2021;6(3):134-42.	International	2021, March

5.9. Sponsored research Projects: **NIL**

5.10 Consultancy Projects**: NIL**

6.Awards / Honors received:

- Secured second position in the workshop entitled Android Application Development as a part of National Technology Awareness campaign being conducted by Codex Design Services in association with Rendezvous, IIT Delhi held at NITTTR, Chandigarh.
- Stood first in caption contest.

7. Motto: My motto is continuous improvement in teaching and learning process and to excel in area of my interest and to uplift the students by imparting quality education.