Name       : R.KRANTHI KUMAR
Designation : Assistant Professor
Department : CSE
Mail-ID    : kranthikumar_r@vnrvjiet.in

Experience (in years): Teaching: **11 Y 3 M**  Research: 2 Y   Others (if any, specify): 5months

## 1. Educational / Technical qualifications:

| S.No | Level (UG / PG / Ph.D) | Year of passing | Specialization |
|------|------------------------|-----------------|----------------|
| 1 | Pursuing Ph.D | Registered in 2018 | Computer Science and Engineering |
| 2. | M.TECH | 2014 | Computer Science |
| 3. | B.TECH | 2009 | CSE |
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## 2. Teaching and Learning:

2.1. Teaching Interests: Computer Graphics, Databases, Web Technologies and Programming languages

2.2. Novel Teaching & Learning Techniques adopted: WIT and WIL, Learning by Doing

2.3. Involvement in curriculum updating / Design: collecting feedback from stakeholders on curriculum

## 3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Listening to Music and giving reviews for various issues

3.2. CCA/ECA Organized: Nil

3.3. CCA/ECA participated: Nil

3.4. Counseling and Mentoring Activity: Mentor for 20 B.Tech CSE-CyS students

3.5. Committees involved in:

      Department level: Alumni, Website and Career Vision Approach Member

      Institute Level: Sales Force Coordinator, Co-ordinator of CSE-CyS

## 4. Conference / Workshop / Seminar / Guest Lectures:

4.1. Conducted:

- 3-Day workshop on "Big Data Analytics and Cloud Computing" at VNR VJIET in OCT, 2014.

- 2-Day workshop on "OOAD using UML-A case study Approach" at VNR VJIET in Nov, 2015.

- Organized Guest lectures for I B.Tech students by Alumni in 2016, 2017,2018,2019 ,2020 &2021.

4.2. Attended:

- Attended Online FDP on "Augmented Reality (AR)/ Virtual Reality (VR)" from Sept 7$^{th}$,2020 to Sept 11$^{th}$,2020, ATAL.
- Attended One week Online FDP on "Ethical Hacking and Data Security" Organized by MGIT from 27$^{th}$ July to 31$^{st}$ July,2020.
- Attended Online PDP on "AI and ML" from 8$^{th}$ to 12$^{th}$,June,2020
- Attended Online FDP on "Data Mining and Block chain Professionals" from 25$^{th}$ to 29$^{th}$ may,2020.
- Attended FDP on Sales Force from 20$^{th}$ April-4$^{th}$ May,2020
- 3$^{rd}$ International conference on computational intelligence and informatics at JNTUH from 27$^{th}$ -29$^{th}$, Dec,2018.
- 5-Day Short term training program on "Applied Cryptography & Security Mechanisms" from 03/12/2018 to 08/12/2018.
- 3-Day FDP on "Hadoop Framework & Big Data Tools"at VNR VJIET from 27$^{th}$ to 29$^{th}$ September, 2018.
- AICTE-ISTE sponsored refresher programme on "Recent advances and Applications in Cognitive Computing" from 28 May,2018 to 02,June,2018.
- AICTE-ISTE Refresher Programme on "Intelligent Computing and Deep learning" from 14/5/2018 to 19/5/2018 at VNR VJIET
- 3-Day workshop on "Emerging Trends in Social Media and Mobile Applications" in VNR VJIET
- 2-day workshop on "Latest Trends in Compiler Design" in VNR VJIET.
- International workshop on "Data Sciences" in VNR VJIET.
- International workshop on "REIMAGINE STEM" in VNR VJIET.
- National workshop on "Network Security and Cyber Forensics" in VNR VJIET.
- 1$^{st}$ International conference on computational intelligence and informatics at JNTUH.
- National Workshop on "Big Data technologies and Tools Workshop" in VNR VJIET.
- National Workshop on "Cognitive Sciences and Augmented Reality" in VNR VJIET.

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

5.1. Invited Lectures: Nil

5.2. Articles/Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:

      a) UG: 22

      b) PG: 02

5.5. Research Interests: Information Retrieval Systems,Ontology

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 | Challenges and Solutions to impart security on software as A service model of cloud computing | International Journal of Scientific Research in Computer Science, Engineering and Information Technology Vol 2,Issue 2 | ISSN No :2456-3307 | 4.032 | International |
| 2 | A demonstration of an efficient algorithm in Intrusion detection system using wireshark | International Journal of New Era in Computer Science and Engineering Vol. 1, Issue 1 | | | International |
| 3 | Secure Data Retrieval using CP-ABE Scheme | International Journal on Future Revolution in Computer Science & | ISSN: 2454-4248 | | International |

| | | | | 5.87 | International |
|---|---|---|---|---|---|
| | in Military networks | Communication Engineering Vol 4 Issue 10 | | | |
| 4 | Enhancing Diabetic Prediction using Machine Learning Algorithm | JETIR April 2019, Volume 6, Issue 4 | ISSN-2349-5162 | | |
| 5 | An Effective Knowledge Modelling of Distributed Databases using Ontology and Information Retrieval | International Journal of Advanced Trends in Computer Science and Engineering Volume 9, No.5, September - October 2020 | **ISSN 2278-3091** | 0.789 | International |
| 6 | Identification Of Events And Influential Spreaders In Online Social Networks | The International journal of analytical and experimental modal analysis Volume XIII, Issue III,March/2021 | **ISSN NO:0886-9367** | 6.3 | International |

5.8. Papers presented at National / International Conferences:

| S.No | Title of the Paper | Names of the Conference/ Seminars | National/ International | Period |
|---|---|---|---|---|
| 1 | Cloud Computing: Architecture, Security Issues and Proposed Deployment Models | International Conference on Emerging Technology Trends ( ICETT )2011 | International | March,2011 |
| 2 | A methodology to retrieve information from ontologies with the application of D2R Mapping and SPARQL | International Conference on Advances in Computer Engineering and Communication Systems | International | August,2020 |

| | | (ICACECS-2020) | | |
|---|---|---|---|---|

5.9. Sponsored research Projects: NIL

| S.No | Title | Agency | Period | Grant amount | Ongoing / Completed |
|---|---|---|---|---|---|
| 1 | Modelling Distributed Databases using Ontology | JNTUH TEQIP-III | July,2019 to December, 2020 | Rs.3,00,000/- | **Completed** |

5.10 Consultancy Projects: NIL

| S.No | Title | Agency | Period | Sanctioned Amount | Ongoing / Completed |
|---|---|---|---|---|---|
| | | | | | |

**6. Awards / Honors received:** NIL

**7. Motto:** To be a good teacher to my students