| Name | : | **Dr. C KIRAN MAI** |
|---|---|---|
| **Designation** | : | Professor |
| **Department** | : | Computer Science & Engineering |
| **Mail ID** | : | ckiranmai@vnrvjiet.in |
| **Experience (in years)** | : | **Teaching: 25   Research: 9   Industry: 7** |
| **AICTE-ID** | | **1-464122699** |
| **Date of Birth** | | 21st March 1964 |

# 1. Educational / Technical qualifications:

| S.No | Level (UG / PG / Ph.D) | Year of passing | Specialization |
|---|---|---|---|
| 1 | Ph.D | 2007 | Computer Science |
| 2 | M. S | 1999 | Software Systems |
| 3 | B.Tech | 1985 | ECE |

# 2. Teaching and Learning

2.1 Teaching Interests: Knowledge Engineering, Data Warehousing, Data Mining, Database Management Systems.

2.2 Novel Teaching & Learning Techniques adopted: WIT & WIL, Blooms Taxonomy, PPT's

2.3 Involvement in curriculum updating / Design: UG- DBMS, PG – Data Analytics

# 3. Co-curricular and Extra-Curricular Activities

3.1 Interests and Hobbies:  Listening to old melodies, Reading Books.

3.2 CCA/ECA Organized: Organized International Conference ICACECS three consecutive years

3.3 CCA/ECA participated: 14

3.4 Counselling and Mentoring Activity: Frequent interactions with the Mentees assigned. Regular counselling the students, especially slow learners.

3.5 Committees involved in

Department Level: Development Committee, Academic Committee and Board of Studies. Research Committee, Program Chair – ICACECS20, General Chair – ICACECS21, ICACECS22

Institution Level:  Curriculum design on NEP-2020 guidelines

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

4.1 CONDUCTED

1. Three-day short-term Intensive Course on "Software Project Management" in February 2006 at VNRVJIET, Hyderabad.
2. Three-day workshop on "Data Warehousing Tools & Technologies" from 21st – 23rd September 2007 VNRVJIET, Hyderabad.
3. Two-day workshop on "Research Methodology & Data Analysis" from 26th to 27th December. 2008 at VNRVJIET, Hyderabad.

4. Conducted AICTE sponsored Staff development Programme on "Advanced Datamining Techniques" from May 12$^{th}$ to 26$^{th}$ 2012.

5. Organizing Chair for the International conference on Data Science conducted in VNR VJIET from Feb 26 – 28, 2014.

6. Three-day workshop on "Emerging Trends in social Media and Mobile Applications" from 13$^{th}$ – 15$^{th}$ November 2014.

7. Two-day workshop on "Recent Trends in Compiler Construction Tools" from 26$^{th}$ – 27$^{th}$ March 2015

8. AICTE-ISTE sponsored Refresher / Induction Program on "Intelligent Computing and Deep Learning" from 14$^{th}$ – 19$^{th}$ May 2018.

9. AICTE-GOC sponsored International Conference on Advances in Computer Engineering and Communication Systems (ICACECS-2020)

10. Institute sponsored International Conference on Advances in Computer Engineering and Communication Systems (ICACECS-2021).

11. Institute sponsored International Conference on Advances in Computer Engineering and Communication Systems (ICACECS-2022)

## 4.2 ATTENDED

1. Two-day workshop conducted by GRIET on "Computer Organization" in the year Oct 2002.
2. One-day tutorial on "Content Based Image Retrieval" conducted by Department of Computer 7 Information Sciences, UOH on 30$^{th}$ November, 2002.
3. Five-day Short-term Intensive course on "Object Oriented Analysis and Design using UML "conducted by VNR VJIET from 27$^{th}$ April to 1$^{st}$ May 2004.
4. One-week refresher course on "Spatial Data mining" conducted by JNTU, Dec 2004.
5. One-day work shop on "Rough sets & K-maps" conducted at HCU in June 2005.
6. 2-day Workshop on "Genetic Algorithms" conducted by VNR VJIET in 2007.
7. One-day seminar on "Mentor training programme in IT" conducted by IIIT Hyderabad in Oct 2008.
8. Project expo conducted by IIIT Hyderabad every year.
9. Colloquium on Computational Intelligence, organized by Dept of Computer and Information Science, University of Hyderabad 2010.
10. Data warehousing & Data mining at JNTUH conducted by IIIT Hyderabad, in March 2009.

11. Attended workshop on WEKA tool conducted by the IT    department, VNR VJIET in the month of December 2011.
12. Attended the pre-Conference (T4U – IEEE Conference conducted by IIIT-H from 18$^{th}$ – 20$^{th}$ July 2012) seminar on 'Evaluating the effective use of emerging Technologies in Education' on 16$^{th}$ July 2012 at VJIM.
13. Attended the IEEE conference on Technology for Education on 18-20$^{th}$ July 2012, at IIIT, Hyderabad.

14. One-day work shop on "Improving Student outcomes through guided Inquiry Activities" at VNR VJIET on 23$^{rd}$ of July 2012, by Prof Cliff Kussmaul, from Muhlenberg College, USA.
15. Attended a spiritual talk on ' Values and Ethics for Teenz born after 1990's' at VJIM delivered by Sri The Venerable Tenzin Priyadarshi, Director of The Dalai Lama Center for Ethics and Transformative Values .
16. Attended one day seminar on 'Intro to POGIL' conducted at VNR VJIET on 16$^{th}$ February 2013.
17. Attended a 2-day session on 'Creativity of Teaching' conducted at VNR VJIET on 27$^{th}$ & 28$^{th}$ February, 2013.
18. Attended a 3-day workshop on 'Instructional Design for E-Content' conducted by BRITISH COUNCIL,VNR VJIET and Enhance Edu – IIIT 21$^{st}$ – 23$^{rd}$ February 2013.
19. Attended 3-day workshop on "Advanced Topics in Text and Web Mining" conducted by EnhanceEDU, IIIT Hyderabad from April 24 – 26, 2013.
20. Attended one day workshop for "Training Resource Persons on Outcome Based Accreditation – Phase I' conducted by JNTU – H on 29$^{th}$ April 2013
21. Attended five day National workshop on 'CHALLENGES IN BIG DATA RESEARCH' conducted by Department of Computer Engineering, Malavia National Institute of Technology (MNIT), Jaipur, from      9 – 13$^{th}$ November 2013.
22. Attended 2$^{nd}$ Joint Review Mission (JRM) / Mid Term Review (MTR) by Government of India / NPIU and World Bank for Project TEQIP-II on 5$^{th}$ December 2013.
23. Participated in The 5$^{th}$ IEEE International Conference on Technology for Education, T4E 2013, held at the Indian Institute of Technology, Kharagpur, during December 18-20, 2013.
24. Two-day DEAN SUMMIT 2015 conducted by DELOITTE from April 16 – 17, 2015.
25. Attended one day workshop on Implementation of Choice Based Credit System, on 3$^{rd}$ July 2015, conducted by Academic Staff college, JNTUH.
26. Attended 5$^{th}$ Joint Review Mission (JRM) / Mid Term Review (MTR) by Government of India / NPIU and World Bank for Project TEQIP-II on 7$^{th}$ July2015.
27. Attended one day workshop on "Quality Practices in Technical Education – Challenges" at, G.Pullaiah college of engineering on 29.12.15.
28. Attended Third International Conference on Transformation in Engineering Education (ICTIEE 2016) Conducted by Poona college of Engineering, Poona from 8-12$^{th}$ Jan 2016.
29. One day workshop on OBE – Going Beyond Accreditation & Compliances, as part of the ICTIEE 2016 conference.
30. Gave a presentation at UGC, New Delhi for College with Potential Excellence – was successful in getting this recognition to the institute.
31. Two-day DEAN SUMMIT 2016 conducted by DELOITTE from May 09 – 10, 2016.
32. One-day workshop on DATA ANALYTICS conducted as a prelude to the 7$^{th}$ IEEE International Advance Computing Conference, at VNR VJIET, from 5 – 7 January 2017.

33. One week Meit Y, Govt of India, sponsored Faculty Development Programme (FDP) on "Data Analytics with R" organized by the E & ICT Academy, NIT, Warangal at VNR VJIET from $15^{th}$ – $20^{th}$ May 2017.

34. Three day workshop on UML Tools, Conducted in VNR VJIET, August'2017

35. Three day workshop on Big data techniques and tools, conducted in VNR VJIET FROM 13 – $15^{TH}$ December 2017.

36. 6 weeks Refresher course on "Mentoring Educators in Education Technology", conducted by IIT-Mumbai, from $17^{th}$ May – $27^{th}$ June 2018.

37. 3-day workshop on 'Hadoop Framework & Big Data Tools', conducted at VNR VJIET from $27^{th}$ September'2018.

38. One week Faculty Summer Training Program on 'Machine Learning' conducted at VNR VJIET from $20^{th}$ – $25^{th}$ May' 2019.

39. Online Course on "Introduction to Python" from DATACAMP, May2020

40. One week Faculty Development Program on "Linux Foundation and Implementation of DataStructures" Conducted at VNR VJIET from $11^{th}$ – $16^{th}$ May 2020.

41. Faculty Awareness Program on " Outcome Based Education and NBA Accreditation" organized by Sinhgad Institute of Technology and Science, Pune on $12^{th}$ May 2020.

42. One week Faculty Development Program on "Python for Machine Learning" Conducted at VNR VJIET from $18^{th}$ – $23^{rd}$ May 2020.

43. One week Faculty Development Program on "Industry Expectations from DataMining and Block Chain Technologies" conducted at VNR VJIET from $25^{th}$ – $29^{th}$ May 2020.

44. 40 Hrs, ONLINE Faculty development program on "DATA SCIENCE for ALL" conducted by NIT Warangal, IIITDM Jabalpur and NIT Patna during $27^{th}$ July to $8^{th}$ August 2020.

45. One Week Online FDP on "Outcome Based Education - A Continuous Quality Improvement of the Programme" conducted by Department of CSE, Sagi Rama Krishnam Raju Engineering College, Bhimavaram, Andhra Pradesh during $17^{th}$ – $21^{st}$ August 2020.

46. One week AICTE sponsored STTP on "Machine Learning and Deep Learning Techniques for Artificial Intelligence using Python"- **Series 1**, conducted by Department of Information Technology, from 16 – $21^{st}$ November 2020.

47. One week AICTE sponsored STTP on "Machine Learning and Deep Learning Techniques for Artificial Intelligence using Python" – **Series 2**, conducted by Department of Information Technology, from 14 – $19^{th}$ December 2020.

48. 6 week PDP on Introduction to AI, conducted by CSE department, VNR VJIET from $22^{nd}$ February to $8^{th}$ April 2021.

49. One week FDP on Recent advancements in Machine Learning and Deep Learning, conducted by CSI Chapter, VNR VJIET from 26th April to 1st May 2021.
50. 2 week FDP on Data Science for ALL, organized jointly by all E&ICT Academies, IIIT Jabalpur, from 12th – 23rd April 2021.
51. One week FDP on "Multi Technologies", organized jointly by National Youth Council of India, Computer Society of India Student Chapter, IEEE CS Student Chapter and Brainovision Solutions India Pvt. Ltd, from 28th June to 3rd July 2021.
52. One week AICTE-ATAL sponsored FDP on 'Stress Management', conducted CSE department, VNR VJIET from 13-17September 2021.
53. 12 weeks FDP on NBA Accreditation and Teaching & Learning in Engineering (NATE) conducted by NPTEL, Jan – Apr 2022.
54. One week FDP on "Data Analytics Tool and Python Framework", Conducted by VNR CSI SC from 11 – 17th May 2022.
55. Two week Faculty Development Programme on "Research Challenges and hands on Practice in Data Analytics & Artificial Intelligence" conducted by Department of CSE, VNR VJIET and NIT-Warangal, from 21 – 30th July 2022
56. One week Faculty Development Programme on "Recent Trends in Cognitive Science and Its Applications" conducted by Department of CSE, VNR VJIET in collaboration with Vikram University, Oriental University & IPS Academy, Indore from 13th March to 18th March 2023

**WEBINARS ATTENDED**:

| S.no | Title | Conducted by | Speaker | Date |
|---|---|---|---|---|
| 1 | LATEX-A Scientific Documenting Tool | IEEE and ECE Dept, VNR VJIET | Inhouse Faculty | 21st May 2020 |
| 2 | Designing a Solution to Integrate Blockchain with COVID-19 Pandemic | Future Tech, USA | Mr Prashanth Sahoo | 30th May 2020 |
| 3 | Women Leaders – The Change Makers | Chennai Institute of Technology | Dr Lalitha Christie Senior Scientist,DRDO | 11th July 2020 |
| 4 | Transforming Higher Education | ASSOCHAM | Experts from reputed institutes | 18th September 2020 |
| 5 | Towards Smart Health Care and Smart Cities – Role of Artificial Intelligence | VNR CSI-SC & IEEE-CS | Dr SriRam, USA, | 3rd October 2020 |
| 6 | The path to a sustainable future | IT IIM Sirmaur | Faculty, IT IIM Sirmaur | 28th October 2020 |
| 7 | Making Bitcoin Quantom: A crypto currency based on Law of Physics | IEEE - SA | Dr. Jonathan Jogenfors Hacker and a Senior Information Security Consultant, Atea AB | 4th November 2020 |

| 8 | AI Transformation in Higher Education: Significance of Personalized Learning in Higher Education | ASSOCHAM | Experts from reputed institutes | 10th November 2020 |
|---|---|---|---|---|
| 9 | AI in HealthTech | T - HUB | Industry Experts | 20th November 2020 |
| 10 | Mechanisms to assess student progress towards job readiness. Role of tech & blended | BW Education Presents Thoughtful Tuesday | Academicians from reputed institutes | 15th December 2020 |
| 11 | Rethinking Education - Live interaction | AICTE in collaboration with ART of living. | Shri Ravi Shankarji, ART of living, Chairman and Vice Chairman AICTE | 15th February 2021 |
| 12 | Building Digital Resilience in Higher Education | BW Education | Dr D N Rao, Vice Chancellors, CEO-Course Era | 26th February 2021 |
| 13 | Empathetic and techno-pedagogical approaches for the new-normal | FDC-AICTE | Dr Prathima Khandelwal | 4th May 2021 |
| 14 | Q&A for Healthcare Professionals and Families in India | Stanford Department of Medicine | Panel of Doctors | 13th May 2021 |
| 15 | The making of Indian IT - Engineering new Services | Live History India | Dr Mohan Reddy, Chairman, Cyient | 15th May 2021 |
| 16 | Social Media Analytics | CSI, VNR VJIET | Dr A V Krishna Prasad | 21st May 2021 |
| 17 | Revisiting our teaching philosophies in online environs | IEEE Hyderabad section | Dr Jyotsna Cherukuri, VNR VJIET | 22nd May 2021 |
| 18 | Student Centered Learning | NITTTR and Education Society Chapter-IEEE | | 15th June 2021 |
| | Creating a vibrant Knowledge Society – An Indian Strategy for 21st Century | SRM University | Dr K Katurirangan, Chairman, NEP-2020 | 24th July 2021 |

| | International webinar on Deep Learning in Health Care | CS-AIML, VNR VJIET | Dr Arghya Pal, Harvard Medical School, Harvard University | 18th September, 2021 |
|---|---|---|---|---|
| | NEP2020-Implementation Plan: Multidisciplinary and Holistic Education | UGC-HRD Center, JNTUH | Dr M L Srinivas | 18th June 2022 |
| | NEP2020-OBE and Academic Bank of Credits | UGC-HRD Center, JNTUH | | 28th June 2022 |
| | NEP2020-Academic and Research Integrity | UGC-HRD Center, JNTUH | Dr T Mrunalini. HOD-Life long Learning Center, OU | 30th June 2022 |
| | Quantum Computing – Through Case studies | Department of CSE in collaboration with IEEE CS & CSI | Mr. Bhagvan Kommidi Founder of Quantica Computacao | 30th June 2022 |

| S. No | Title of Lecture/ Academic Session | Title of Conference / Seminar | Organized by |
|---|---|---|---|
| 1. | Data Mining tools | Data mining: Emerging Technologies | Vignan's Lara Institute of Technology and science, Vadlamudi, Guntur on 16th & 17th December 2011 |
| 2 | Grid Computing | Advanced Computing Methodologies | GRIET, held on 2nd & 3rd August 2013 |
| 3 | Application of E-Learning in Engineering Education | Transformation in Engineering Education | ICTIEE 2016 |
| 4 | Education system in India related to computer science degrees | Lecture at US Consulate, Hyderabad | U.S. Consulate General, Hyderabad, India on 08th March 2017. |
| 5. | Quality Initiatives in Technical Institutes | FDP on Curriculum Design and Quality Initiatives in Community Development" | Dr.N.G.P. Arts and Science College, Coimbatore from 3rd – 9th December'18 |

| 6. | Increasing Women in STEM: Curriculum, Culture and Careers. | Panel Discussion | IEEE SPS Seasonal School and Recent advances in Artificial Intelligence for Signal processing – 29th December 21 |
|---|---|---|---|

5.2. Articles / Chapters published in Books: TWO

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

5.4. Projects Guided:
      a) UG: 52      b) PG: 25

5.5. Research Interests: Data Engineering and Networking

5.6. Ph.D students:

      a) Enrolled:  4      b) Submitted: 1      c) Awarded: 1

## 5.7. Papers published in reviewed Journals:

| S.no | Title | Journal | Year | ISSN | Impact |
|---|---|---|---|---|---|
| 1 | The Feasibility Study for Land Suitability Using GIS Tools | International Journal on Environment, Cultural, Economic & Social sustainability, July, 2009 | 2009 | 1832-2077 | |
| 2 | Hypothetical Description for Intelligent Data Mining  l | International Journal on Computer Science and Engineering, vol 2, Issue 7, Oct 2010 | 2010 | 2229-2631 | |
| 3 | Drag and Drop: Influences on the Design of Reusable Software Components | International Journal on Computer Science and Engineering, vol 2, Issue 7, Oct 2010, 2386 - 2393 | 2010 | 2229-2631 | |
| 4 | Breaking Boundaries for Software Component Reuse Technology | International Journal of Computer Science and Network Security, Oct 2010 | 2010 | 1738-7906 | |

| 5 | Technical Impediments to Software Reuse. | IEEE Transaction on Software Engineering, 2010 | 2010 | | 1.5 |
|---|---|---|---|---|---|
| 6 | A Comparative study of Manual and Automated System for Wireless Networks | International Journal of Systems & Technologies (IJST)-2010 | 2010 | 0974-2107 | |
| 7 | A Study On Peer Relative Market Strength Extraction | Research Journal Of Computer System Engineering, Volume 2, Issue 2, June 2011 | 2011 | 2230-8563 | |
| 8 | An Impudent Approach for Intelligent Data Mining using Rough Set Theory | International Journal of Software Engineering. Volume 2, November (2011), pp. 1-10 | 2011 | 1687-6954 | |
| 9 | Speech Synthesis System for Telugu Language | International Journal of Computer applications IJCA,Volume 81 ,No5, November -2013 | 2013 | 0975-8887 | 3.15 |
| 10 | EPR and its effectiveness in Higher education | International Journal for Information Technology and Research. Vol.3, Issue 4,July 2015 | 2014 | 1938-7857 | |
| 11 | Searching web through query routing plan | International Journal of Research in Engineering and Technology. Vol.3, Issue 1, September, 2015 | 2015 | 2321-7308 | |
| 12 | WIT & WIL Methodology for Effective Teaching and Learning with Teacher-Student Academic Plan – A case study. | Journal of Humanities and Social Sciences, Volume.21, Issue:6, May, 2016 | 2016 | 2220-8488 | |

| 13 | Mutable Order Preserving Encoding For Secure Data Query Processing | International journal of Innovative Technologies and research, Volume 4, Issue 15, October, 2016, Pg. 2895 – 2900 | 2016 | 2320-5547 | |
|----|----|----|----|----|----|
| 14 | ESDAS : Explorative Spatial data Analysis Scale to Predict Spatial Structure of Landscape | International journal for Scientific and Engineering Research (IJSER), Volume 7, Issue 12, Dec 2016, Pages : 466 – 472 | 2016 | 2229-5518 | |
| 15 | Analysis of Advanced data mining Prototypes in Spatial data analysis | Journal of Engineering and Applied sciences | 2017 | 1816-949X | |
| 16 | Techniques for Machine learning based Spatial data Analysis-Research Directions | International Journal of Computer applications | 2017 | 0975 - 8887 | |
| 17 | New Machine learning based approach for predictive Modeling on spatial data | 978-1-5090-6366-6/17/ © 2017 IEEE | 2017 | | |
| 18 | Load Balancing non-Preempitive jobs in Grid environment | International Journal of Advance research in computer science | 2017 | 0976-5697 | |
| 19 | An NDVI based Spatial Pattern Analysis for Spatial Image Classification | International Journal of Applied Engineering Research, Volume 13, pp. 11553-11558 | 2018 | 0973-4562 | |
| 20 | A Review on spatial data classification on land usage and land cover using feature extraction and classification methods | Journal of Emerging Technologies and Innovative research, February, volume 6, issue 2. PP – 706-709 | 2019 | 2349-5162 | |

| 21 | Predictive Data Analysis to identify Heart Anomalies | International Journal of Recent Technology and Engineering (IJRTE), Volume 8 Issue - 2, July Pg.Nos: 2607 - 2611. | 2019 | 2277 - 3878 | |
|----|----|----|----|----|----|
| 22 | Design And Implementation of Multi Label Land Cover Change Prediction Model by Modified Ann-Cnn And Ca-Markov method | International Journal of Advanced Research in Engineering and Technology (IJARET), Volume 12, Issue 2, February 2021 | 2021 | Print: 0976-6480 Online: 0976-6499 | |
| 23 | Education Process Re-engineering through Spectral Pyramid Framework to Achieve Excellence in Engineering Education | Journal of Engineering Education Transformation | 2022 | 2349 - 2473 | |
| 24 | Analyzing the Behavioral artifacts for malicious software detection using Machine Learning algorithms | 4$^{th}$ International conference on Advances in computing, communication control and Networking(ICAC3N), at Galgotias College of Engineering and Technology, Greater Noida, India, on December 16-17, 2022 published in IEEE Explorer | 2022 | 978-1-6654-7436-8/22/ ©2022 IEEE | |
| NATIONAL | | | | | |
| 1 | Trees that decide on criminals-Spatial Data Mining for Crime Analysis | Journal of Geospatial Today, July 2006 Vol4 | 2006 | 0972-6810 | |
| 2 | Implementaion of Decision Tree Algorithm for Spatial Data Mining | Technology Spectrum, a multi-disciplinary Journal of JNTUH, Vol.1.No.2 July 2007 | 2007 | 0974-6854 | |

## 5.8. Papers presented at National / International Conferences:

| Sno | Title | Conference | National / International | Year |
|---|---|---|---|---|
| 1 | Spatial and Collateral Data Mining for Crime detection and analysis | Map Middle East 2005 – Conference on Geospatial information and Knowledge economy, April 2005, Dubai, UAE | International | 2005 |
| 2 | Polyanalyst application for Forest Data Mining | IGARSS- IEEE – 25th International Geoscience and Remote Sensing Symposium, July 2006, Seoul, South Korea. | International | 2005 |
| 3 | Data Mining of Geospatial database for Agriculture related application | MAP INDIA – 06, 9th International conference on Land registration & CADASTRE, January 2006, New Delhi, India | International | 2006 |
| 4 | Association rule mining – application to Crime analysis | ICORG'06, International Conference on Geo-Informatics, June 2006, Hyderabad, India | International | 2006 |
| 5 | Spatial Outliers analysis for optimal planning of Agriculture land use | ICSCI – 08, International conference on Cybernetics, Systematics and Informatics, 02-05 January 2008, Hyderabad, India. | International | 2008 |
| 6 | The Feasibility Study for Land Suitability Using GIS Tools | International Conference on Environment, Cultural, Economic & Social sustainability, University of Technology, Mauritius, January, 2009 | International | 2009 |
| 7 | On-Board Wireless Data Acquisition System & Telemetry | International Telemetering Conference (ITC 2013), Bally's, Las Vegas, Nevada, USA, October 21 - 24, 2013 | International | 2013 |
| 8 | A unified Model For Assessment to promote Excellence In Higher Education | International Conference on Stategies and Action Plans for Sustainable Development in Higher Education, August 2014 | International | 2014 |

| 9 | Spatial and Temporal Data Mining for Precision Agriculture: Insights into Present Agriculture Research | International Conference on Innovations in Computer Science & Information Technology - ICICSIT 2015, MGIT, HYD, 28th & 29th August' 15 | International | 2015 |
|---|---|---|---|---|
| 10 | New Machine learning based approach for Predictive Modeling of Spatial data | International Conference on Advances in Computing, Communications and Informatics (ICACCI) | International | 2017 |
| 11 | A Novel Approach for approximation based spatial data Classification | International Conference on Innovations in Electrical, Electronics, Power, Smart grids & Advanced Computing Technologies - (IEEPS-18), VNR VJIET, 9th & 10th March 2018 | International | 2018 |
| 12 | Emotion and Stress Recognition through Speech Using Machine Learning Models | International e-Conference on Advances in Computer Engineering and Communication Systems – ICACECS20, 13 – 14th August 2020 at VNR VJIET | International | 2020 |
| 13 | Diabetic Symptoms Prediction through Retinopathy | International e-Conference on Advances in Computer Engineering and Communication Systems – ICACECS20, 13 – 14th August 2020 at VNR VJIET | International | 2020 |
| 14 | Analyzing the Behavioral artifacts for malicious software detection using Machine Learning algorithms | 4th International Conference on Advances in Computing, Communication Control and Networking (ICAC3N), December 2022. | International | 2022 |
| 15 | Decision tree algorithm application for Data Mining | National Conference on emerging areas of computer Science and engineering, November 2006, Hyderabad, India | National | 2006 |

BOOK CHAPTERS:

| SNo | Article title | Book |
|---|---|---|
| 1 | Emotion and Stress Recognition through Speech Using Machine Learning Models (Pg.No 213 – 218) | Learning and Analytics in Intelligent Systems – Springer (January 2021) |
| 2 | Diabetic Symptoms Prediction through Retinopathy (Pg.No: 13 – 20) | Machine Learning Technologies and applications – Springer (March 2021) |
| 3. | Retinal Hemodynamics and Diabetics mellitus detection through Deep Learning (Pg.No: 461 – 471) | Algorithms for Intelligent Systems (March 2022) |

## 5.9. Sponsored research Projects:

| S.No | Title | Agency | Period | Grant amount | Ongoing / Completed |
|---|---|---|---|---|---|
| | | | | | |

## 5.10 Consultancy Projects:

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

## 6. Awards / Honors received:

- Awarded as "**Best teacher in Computer Science and Engineering**" by ISTE South region for the year 2010, on 29th January 2012.

- Chaired the Technical Session in International Conference on Innovations in Electrical, Electronics, Power, Smart grids & Advanced Computing Technologies (IEEPS-18), conducted at VNR VJIET from 9th to 10th March. 2018

- Completed three courses in NPTEL
    a) Database Management Systems
    b) Blockchain Technologies
    c) NBA Accreditation and Teaching-Learning in Engineering (NATE)
    d) Accreditation and Outcome based Learning

- **Introduction to Python** from DATACAMP

- **Joining Data in SQL** in DATACAMP
- **Data Science for All** in DATA CAMP
- **AI for ALL** in COURSERA
- **Data Science Tool Kit** in COURSERA
- **Database Design and Programming with SQL** (TASK)

**Grants Received**:
- A grant of 3 Lakhs, Under AICTE-ISTE: Refresher course for organizing one week refresher course on "Intelligent Computing and Deep Learning".
- Received a grant of 5 Lakhs, under AICTE-GOC scheme towards conducting the International Conference on "Advances in Computer Engineering and Communication Systems".

## 7. Motto: Work is Worship