

Name : Mr N SANDEEP CHAITANYA<sub>(Ph.D)</sub>

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Date of Birth 23-05-1982

Experience (in years): Teaching: 19 years    Research: Nil    Others(if any, specify): Nil



### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	UG	2004	CSIT
2.	PG	2008	IT
3.	PhD: submitted thesis form JNTUH	2023	Security in Cloud Computing

### 2. Teaching and Learning:

2.1 Teaching Interests: Wired & Wireless Networks, Cloud Computing, Big Data Analytics, Network Security, Data Analytics & Cyber Security

2.2 Novel Teaching & Learning Techniques adopted: PPT'S, Learn by doing WIT & WILL, Brain Storming, Quizzing, Learning By Doing (LBD), Group Discussions, Videos, Films and Visuals, Student Presentations, Concept maps, Group Project / Presentation, POGIL

2.3 Involvement in curriculum updating / Design: Story board design of Computer Networks, Introduction to Analytics, Designed syllabi for Cloud Computing, Gaming Engineering, Network Security & Cryptography, Lab Protocol for Data Mining. WIT & WIL for Introduction to Data Analytics, Big Data Analytics, Predictive Analytics, Network Security & Cryptography, Introduction to Analytics, Cyber Security

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

3.1. Interests and Hobbies: Reading books

3.2. CCA/ECA Organized: Women's Day Celebrations,

#### E-outreach & Extension Activities

- Conducted E-outreach Activity on digitization and importance of Demonetization in Rural Areas on 3rd and 4th Nov 2017, in Machunur (V), Jarasangam( M) near Zaheerabad, SangaReddy(Dist, Telangana State.
- Conducted E-outreach Activity for Providing Awareness about the “ Digitalization, Research & Employment Opportunities” for II & III year Degree students in Acharya Degree College, Zaheerabad(m), SangaReddy(D) on 3rd Nov 2017
- Conducted E-outreach Activity on Cyber Security and how to get ride of Fake call in Rural Areas on 6th April 2018, in Machunur (V), Jarasangam( M) near Zaheerabad, SangaReddy(Dist, Telangana State.
- E Outreach Program on “Smart Resource Utilization & Importance of Menstrual Hygiene Management(MHM)” in MPP School and ZPP School in Machunoor(Village), Jarasangam(mandal), Sanga Reddy(Dist), TS
- Conducted an extension activity for bringing Awareness on Road Safety Measure and Obey Traffic Rules for all the 1st year on 08th March 2019.
- Conducted E-outreach Program on “ Awareness on Hygiene Management “ on 20th July 2019 in MPP School, Machunur (V), Jarasangam(M) near Zaheerabad, SangaReddy(Dist, Telangana State

- Donated Books & Stationery to all the students on 20th July 2019 in MPP School, Machunur (V), Jarasangam(M) near Zaheerabad, SangaReddy(Dist, Telangana State
- Plantation of Trees on 20<sup>th</sup> of July in MPP School, Machunur (V), Jarasangam(M) near Zaheerabad, SangaReddy(Dist, Telangana State
- Conducted Go Green Session plantation of Trees on 15th & 17th Aug 2019 in VNRVJIET.
- Conducted Awareness program on Covid -19 on 27<sup>th</sup>, 28<sup>th</sup> March and 13<sup>th</sup> and 15<sup>th</sup> April in different places of Mahabubabad Municipality
- E- outreach program on Simplified approach for problem solving & programming in association with Turing Hut Coding Club on 21st Dec 2019 in Silveroaks School Bowrampet
- Conducted COVID Awareness Programme at chandanapur, Pedhapalli on 28th, 29th March & 2nd and 3rd of April 2020
- Conducted COVID Awareness Programme at bommireddygudem sangareddy on 7th 8th 22nd 23rd of April 2020
- Conducted COVID Awareness Programme at Andhra Nagar Nizamabad on 6th and 7th of April 2020
- Conducted COVID Awareness Programme at Dhudhawal, Sanga Reddy 30<sup>th</sup>, 31<sup>st</sup> of March, 4<sup>th</sup> & 5<sup>th</sup> of April 2021
- Conducted COVID Awareness Programme at Tasildhar office Nizampet & ZPHS Nizampet 7th July 2021
- Conducted COVID Awareness Programme at ZPHS Bhachupalli & Post office Bachupalli, 13th July 2021
- Conducted Awareness on Road Safety 20<sup>th</sup> to 25<sup>th</sup> Sept 2021 at Bachupalli cross roads
- Conducted E outreach on Career plans & MHM in Govt School Zaheerabad

### 3.3. CCA/ECA participated:

Coordinator for Convergence 2K17, 2K18, 2018(Reloaded), 2K19, 2K21 & 2K22 and Project Expo(Open House)2017

### 3.4. Counseling and Mentoring Activity: 20 members from all B.Tech 1<sup>st</sup> year to 4<sup>th</sup> year, mentoring once in 15 days.

### 3.5. Committees involved in:

Department level: NBA, NAAC, CSI Student Coordinator

Institute Level: EDU Prime Member (Store & Purchase), Anti Ragging & Discipline, NBA, NAAC committee, Convergence Coordinator.

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

### 4.1 Conducted: After Joining VNRVJIET

3. Coordinator for workshop on “Big Data & Hadoop” 2016-17
4. Coordinator for FDP on “Sensor Networks & IoT” conducted in collaboration with NITW 2016-17
5. Conducted Workshop on “Ethical Hacking & Cyber Security” 2016-17
6. Conducted Workshop on “Internet of Things using Python” 2016-17
7. Organized Guest Lecture on “Cryptography” 2016-17
8. Organized Guest Lecture on “Cyber Security” 2016-17
9. **Conducted Spin and Win (IACC Event)** was a technical event conducted during IACC Jan 2017
10. **Conducted Awareness on Higher Education in US** was a one day seminar about GRE exam and what are the shortcuts involved in writing the exam. the importance of higher education by Mr. Geroge Rancourt.
11. **Conducted Techcognizance** on the 23<sup>rd</sup> and 24<sup>th</sup> of January, 2017.
12. **Conducted Codeathon on 7<sup>th</sup> of April, 2017**
13. **Conducted APPOMANIA** in the month of April, 2017

14. Conducted two **Know CS** sessions on **November 2017 and February, 2017** on Network Security Analysis and the second session was on Photoshop
15. Conducted **Womens Day celebration** on march 8<sup>th</sup> 2017 and facilitated some of the Senior faculty members in the dept.
16. Organized IEEE IACC 2017 as a coordinator and dealt with “Website Management & Communication Committee”
17. Organized National Symposium “Convergence 2017” as a coordinator
18. Organized Techcognizance in Jan & Oct 2017
19. Organized Codeathon April 2017
20. Conducted Ex-quiz-me on 21st of September, 2017 quiz competition
21. Conducted Techcognizance on the 11th and 12th of October, 2017.
22. Conducted guest lecture on Cloud Computing, 26th Oct 2017
23. Conducted Know Cs session on 4th of January 2018, in KS Audi on Machine Learning and Artificial Intelligence
24. Coordinator for Convergence 2k18 conducted on 5th, 6th & 7th Feb 2018. The national level Technical Symposium
25. Conducted Coding contest-C programming. Held on- 5th and 6th march, 2018.
26. Conducted KnowCS Seminar –Cyber Security. Held on-16 Mar, 2018.
27. Conducted guest lecture on Data Analytics 2nd April 2018
28. Conducted workshop on Web Designing on 3rd and 4th April
29. Conducted guest lecture on Data Mining 11th April 2018
30. Organized “National Technology Day Celebrations” on 11th May 2018.
31. Organized Know CS in Jan, Feb & Nov 2017
32. Organized Ex-Quiz-me in Sept 2017
33. Organized National Symposium “Convergence 2018” as a coordinator.
34. Evaluated the Technical Papers during Convergence Reloaded 2018
35. Coordinator for “Website Management & Communication” Committee in 7<sup>th</sup> IEEE International Conference IACC 2017
36. Contributed in doing Project for students of ZPHS, Bhachupally on Sensors Networks
37. Organized National Symposium “Convergence 2018(Reloaded)” as a coordinator.
38. Convenor for Three Day FDP on “Hadoop Framework & Big Data Tools” 27<sup>th</sup> to 29<sup>th</sup> June 2018
39. Organized Two day workshop on “Block Chain Technologies” during Convergence Reloaded 2018
40. Conducted a workshop on Awareness on ICT Tools to all the Nonteaching Faculty to train in the recent ICT Tools usage and its importance from 14th to 16th June 2018.
41. Conducted a FDP on Big Data Analytics by Manish Jain to all the Teaching Faculty to train in the Tools of Big Data Analytics from 25th to 30th June 2018. Around 30 members from all the departments participated in the program
42. Conducted a Certification Program on Hadoop Eco Systems for III Btech Students to train on Hadoop Eco Systems from 25th to 30th June 2018. Around 33 students from all the sec of III years participated in the program
43. Conducted a program Awareness on Higher Education in US(Ball State University) on 12th July 2018
44. Conducted Orientation Day for Ist years regarding the B.Tech Program and CSI activities on 18th July 2018 and 14th Aug 2018.
45. Conducted Congregate Session on the Eve of Teachers Day Celebrations on 5th Sept 2018.
46. Conducted an Exposure on Latest Technologies in collaboration with JPMC on the Eve of Engineers Day on 15th Sept 2018.
47. Conducted a Guest lecture on Cyber Crome & Forensics by U Ramamohan Garu Super Intendent of Police ,CID, TS on 28th Sept 2018 for III years Students.

48. Conducted a Three Day FDP on Hadoop Frame Work and Big Data Tools in collaboration with Data Analyst Mr Raj Kumar from CAPGEMINI is the Speaker for three days from 27th to 29th sept 2018.
49. Conducted a National Level Technical Symposium CONVERGENCE Reloaded 2018 from 5th to 5th Oct 2018.
50. Conducted Technical Event Minesweeper for Ist years on 12th Oct 2018.
51. Conducted a Training session on Ethical Hacking by Rupesh Mittal CEO Mittal Technologies for all the 1st year students on 27th July 2018.
52. Conducted Short Term Training program on Applied Cryptography and Security Mechanisms for all the faculty members and M.Tech students from 3rd Dec to 8th Dec 2018.
53. Conducted an extension activity for bringing Awareness on Road Safety Measure and Obey Traffic Rules for all the 1st year on 08th March 2019.
54. Conducted Practical Session on SPRING by Mr Chandrakanth N our Alumni for all the 1st year students on 11th March 2019.
55. Conducted National Level Technical Symposium CLAMARITE on 17th & 23rd Feb 2019. Events: Coding Competition, Paper Presentations, Workshop on Building Chat Bot using RASA
56. Conducted KNOW CS on AR & VR by Mr Vineeth for 1st years students on 28th March 2019
57. Conducted KNOW CS on Block Chain Technologies by Dr Manish jain for 1st years students on 29th March 2019
58. Conducted TECHCOGNIZANCE on for 1st years students on 1st April 2019
59. Conducted a skill development program on LINUX and ICT Tools to all the Non-Teaching Faculty to train on the LINUX Platform and ICT Tools usage and its importance from 24th to 26th June 2019.
60. Conducted a FDP on Block Chain technologies to all the Teaching from 24th to 29th June 2019. Around 35 members from all the departments participated in the program
61. Conducted an Invited Lecture on Mezzanine Technologies and career in IT Sector on 13th July 2019 for III year students of CSE Department by Prof AK Nayak all India President CSI Guest Of Honor along with Prof Pradeep Rathi(RVP-6), Prof Md Shams Raza (RVP-2).
62. Conducted E-outreach Program on " Awareness on Hygiene Management " on 20th July 2019 in MPP School, Machunur (V), Jarasangam(M) near Zaheerabad, SangaReddy(Dist, Telangana State.
63. Conducted Training Session on Coding Skills by Mr Venkat Pinamaneni, SDE-1, NCR Corporation our Alumni for 3rd year students on 28th July 2019.
64. Conducted Orientation Program for 1st year Students of CSE and CSBS on 14th July 2019.
65. Conducted Invited Lecture on Cloud Technologies by Mr Praveen Kumar Sreeram, Solution Architect, Capgemini for III year students on 21st Aug 2019
66. Conducted ReEcho a Technical Session for I year students on 21st Aug 2019
67. Conducted Invited Lecture on Block Chain Architecture by Mr Prasanth Sahoo, System Engineer TCS for III year students on 22nd Aug 2019.
68. Conducted Invited Lecture on Data Analytics using Python by Mr Mr Mehboob Hussain and Mr Swapnil Sourav, Corporate Trainers for II year students on 22nd Aug 2019.
69. Coordinator for Intramural Innovation Challenge college level competition conducted events like S/W, H/W hackathon, Coding contest on 11th,13th,16th & 17th Sept 2019
70. Coordinator for National level Student Technical Symposium Convergence 2K19
71. Conducted Guest Lecture on Cyber Security by Mr V Rahulji , Senior manager Capgemini for III year students on 24th Sept 2019.

72. Conducted Guest Lecture on Data Analytics by Mr Shashidhar from Gradright for IV year students on 25th Sept 2019
73. Conducted Workshop on Web Designing by Mrs S Jahnavi and Mr R Kranthi Kumar for I year Students on 11th and 12th Nov 2019
74. Conducted Workshop on Block Chain Technologies by Mr Prasanth Kumar Sahoo for M.Tech Students from 18th to 23rd Nov 2019
75. Conducted FDP on Blockchain Strategic Importance by Mr Prasanth Kumar Sahoo, Scrum Master TCS and Mr Balaji for faculty members from CSE & IT Departments from 25th to 30th Nov 2019
76. Conducted session on Agile Technologies by Mrs Deva Devi Rayaprolu for M.Tech Students from Capgemini on 13th Dec 2019.
77. Conducted FDP on Writing Research Proposals for faculty members from various Departments from 16th to 19th Dec 2019
78. Conducted Workshop on Photoshop on 23rd Dec 2019 for II years students from different branches
79. Conducted Workshop on Data Science Machine Learning for III year students from 6th to 8th Jan 2020
80. Conducted Guest Lecture on Machine Learning for II year students on 7th Jan 2020 by Mr Aalekh Jain CEO Atrite Solutions Hyderabad.
81. Conducted Motivational Talk on Superpositivity for II year students on 8th Jan 2020 by Mr Vickrant Mahajan
82. Conducted Debate on Indian Current Affairs on 23rd Jan 2020 as a part of Pre Republic Day event.
83. Conducted Awareness Program on Cyber Security as a part of Cyber Jagrithi Govt of India by Mr Rupesh Mittal Founder and CEO of Mittal Technologies for II year students on 25th Jan 2020
84. Conducted Awareness Program on Cyber Security as a part of Cyber Jagrithi Govt of India by Mr Rupesh Mittal Founder and CEO of Mittal Technologies for I year students on 8th Feb 2020
85. Conducted Quiz contest TECHCOGNIZANCE for I year students on 7th Feb 2020 around 150 members attended the program
86. Conducted Guest Lecture on AI & ML for II year students on 22nd Feb 2020 around 150 members attend the program
87. Conducted Workshop on Cloud Computing an Practical Exposure on AWS by EDUKNOCT Hyd for 60 students from II year from 25th to 27th Feb 2020
88. Conducted Technical Contest TECHON for Ist year students on 7th March 2020 around 200 members participated in the event.
89. Organized Competition on Design Contest on 06th april 2020
90. Organized 48 hours Mack-a-thon on Web Development from 20th to 22nd April 2020
91. Organized one week FDP on LINUX foundation & Implementation of Data Structures from 11th May to 16th May2020
92. Organized one week FDP on Python for Machine learning from 18th May to 23rd May 2020
93. Organized Series of Webinars #1 on Artificial Intelligene on 25th May 2020
94. Organized Webinar # 2 on Machine Learningon 26th May 2020
95. Organized Webinar # 3on Deep Learningon 27th May 2020
96. Organized Webinar # 4on Blockchain Technologieson 28th May 2020
97. Organized Webinar # 5on Cloud Computingon 29th May 2020
98. Organized 5 day workshop on Competitive Programming from 20th to 24th May 2020
99. Organized one week FDP on Industry Expectations from Data Mining and Blockchain Professionals from 25th may to 29th may 2020
100. Organized one week certification program on Cyber Security- web application security from 25th may to 30th may 2020

101. Organized 3 day workshop on App Development using Flutter from 29th to 31st may 2020
102. Organized one week FDP on Advance Data Structures from 1st june to 11th june 2020
103. Organized one week FDP on Cloud Computing & DevOps from 23rd to 27th June 2020
104. Organized One week workshop on Effective Online Teaching using ICT Tools from 29th June to 4th July 2020
105. Organized One Week Workshop on VNR Initiatives and Awareness on OBE 6th to 12th July 2020
106. Organized 5 day Coding Contest 13th to 18th July 2020
107. Organized Two Week Training sessions on Python by Mr P Venkateswara Rao 3,4 csbs 13th to 25th July 2020
108. Organized Two Week Training sessions on C++ by Mrs Kriti Ohri 1 2 csbs (1-30) 13th to 25th July 2020
109. Organized Two Week Skill Development Programme MS Office 20th July to 1st Aug 2020
110. Organized Webinar of LINUX Implementation 22nd July 2020
111. Organized One week Series of Webinars on OS Overview and Implementation 23th July to 30th July 2020
112. Organized One Week Series of Webinars on Fundamentals of CN and Open Source Network Monitoring Tools 23th July to 30th July 2020
113. Organized Two Week Training sessions on Python by Dr T Sunil Kumar 27th July to 09th Aug 2020
114. Organized Two Week Training sessions on C++ by Mrs P Radhika 27th July to 09th Aug 2020
115. Organized Webinar on How to write winnable research proposal 28th July 2020
116. Organized One week Series of Webinars on OS Overview and Implementation 31st july to 7th Aug 2020
117. Organized One Week Series of Webinars on Fundamentals of CN and Open Source Network Monitoring Tools 31st july to 7th Aug 2020
118. Organized 3 Day Workshops on Machine Learning & Artificial Intelligence Using Python, Blockchain Technologies as a part of ICACECS-2020 12th to 14th Aug 2020
119. Organized Webinar on Towards Smart Healthcare and Smart Cities- Role of Artificial Intelligence on 3rd Oct 2020
120. Organized PDP on Mathematics for Data Science from 26<sup>th</sup> to 31<sup>st</sup> Oct 2020
121. Organized Student Induction Program for 1<sup>st</sup> years from 2<sup>nd</sup> to 5<sup>th</sup> Dec 2020
122. Organized Workshop on Data Analytics using EXCEL from 1st to 5th Feb 2021
123. Organized Workshop on Data Analytics using EXCEL from 8th to 12th Feb 2021
124. Organized Awareness Session on Internet of Things on 9th April 2021
125. Organized Awareness Session on Cyber Security on 12th April 2021
126. Organized Awareness Session on Data Science on 16th April 2021
127. Organized Awareness Session on AL & ML on 21st April 2021
128. Organized Webinar on SDLC on 30th April 2021
129. Organized Orientation of Turing Hut Coding Skills on 16th May 2021
130. Organized Knowledge Sharing Session on Social Media Analytics on 21st May 2021
131. Conducted Two Week Certification Course on Cyber Security & Web Application Hacking to 1<sup>st</sup> year students 23<sup>rd</sup> May to 5<sup>th</sup> June 2021, 116 students and 11 faculty members participated by Mr Rupesh Mittal
132. Conducted Design-a-thon for 1<sup>st</sup> year students around 52 members participated in the contest on 6<sup>th</sup> June 2021

133. Conducted Ideathon for 1<sup>st</sup> year students around 61 members participated in the contest on 13<sup>th</sup> June 2021
134. Conducted Game-a-thon for 1<sup>st</sup> year students around 54 members participated in the contest on 20<sup>th</sup> June 2021
135. Conducted Speak-a-thon for 1<sup>st</sup> year students around 48 members participated in the contest on 27<sup>th</sup> June 2021
136. Organized FDP on Multi Technologies like DART, REACT JS, INFORMATICA, AWS, DEVOPS & GITHUB in collaboration Brain-o-vision from 28<sup>th</sup> June to 3<sup>rd</sup> July with a total participants of 126
137. Organized E Outreach at Tasildhar office Nizampet & ZPHS Nizampet for bringing the awareness on COVID-19 on 7<sup>th</sup> July 2021
138. E Outreach at ZPHS Bachupalli & Post office Bachupalli, for bringing the awareness on COVID-19 on 13<sup>th</sup> July 2021
139. Organized Panel Discussion on Exploring the Horizon of CSE (Orientation for Department Admissions) on 17<sup>th</sup> July 2021
140. Organized International Conference ICACECS-2021 on 13<sup>th</sup> and 14<sup>th</sup> of August 2021 in collaboration with Springer Nature
141. Organized Awareness on Road Safety in front of College, Bachupalli X Road, Pragathi Nagar X Road from 20<sup>th</sup> to 25<sup>th</sup> Sept 2021
142. Organized Code and Craft 11<sup>th</sup> Oct 2021
143. Organized 24 hours Online National Level VJ Hackathon : Victory & Joy in Smart Innovations on 29<sup>th</sup> & 30<sup>th</sup> Sept 2021.
144. Organized Knowledge Sharing Session on Unsupervised Learning Techniques on 3<sup>rd</sup> Nov 2021 by Mr P Venkateswar Rao for 2<sup>nd</sup> year students
145. Organized CSI Orientation for 2<sup>nd</sup> year students on 22<sup>nd</sup> Nov 2021
146. Organized 1<sup>st</sup> year Orientation 29<sup>th</sup> Nov to 11<sup>th</sup> Dec 2021
147. Organized CSI Orientation for 1<sup>st</sup> Year students 1<sup>st</sup> Dec 2021
148. Organized Certification course on Responsive & Interactive Web Design, ReactJS with React- Bootstrap **Program 1** Oct 18,19,20,25,26,27 2021 Nov ,2,8,9,10,15,16,17,22,23,24 2021 Dec 13,14,15,20,21 2021 **Program 2** Dec 22, 27,28 2021 Jan 3,4,5,10,11,17,18,19,24,25, 26 2022
149. Organized Human Values & Ethics on 25<sup>th</sup> of Feb & 26<sup>th</sup> March 2022 by Mr S Tirmal Reddy Corporate Trainer
150. Organized National Level Coding Contest "Turing Cup" on Round 1: 12<sup>th</sup> Mar 2022 Round 2 & 3: 19<sup>th</sup> Mar 2022
151. Organized Awareness on creating Interests in Achieving Goals and success in Life by Art of Living from 18<sup>th</sup> to 23<sup>rd</sup> April 2022
152. Organized workshop on FLUTTER from 12<sup>th</sup> to 19<sup>th</sup> May 2022 for 2<sup>nd</sup> year students
153. Conducted Design-a-thon for 1<sup>st</sup> year students around 52 members participated in the contest on 14<sup>th</sup> May 2021
154. Conducted Ideathon for 1<sup>st</sup> year students around 61 members participated in the contest on 15<sup>th</sup> May 2021
- 155.

#### 4.2 Attended:

1. "IT Workshop" Training conducted by JNTU.
2. "Business Intelligence Tools & Techniques" Workshop conducted by NIT warangal.
3. "Machine Learning & Soft Computing" Workshop conducted by NIT warangal.
4. "Oracle 10g" training conducted by Sree Chaitanya Engg College, Karimnagar.
5. "Network Management Systems" Workshop conducted by CVR Engineering College

6. "Research Methodologies & Report Writing" Workshop conducted by CMRCET
7. "Wipro Mission 10X" training conducted by CMRIT, HYD
8. "Network Security" Workshop conducted by GMITS, HYD
9. "System Requirement Engineering" Workshop conducted by SKEC, KMM
10. "Software Testing" Workshop conducted by SKEC, KMM.
11. "IBM Rational Rose Certification Course" conducted by SKEC, KMM.
12. "Research Methodology" training conducted by JNTUH, HYD
13. "Security In Cloud Computing" workshop conducted by College of Engineering Osmania University
14. "Security in Cloud Computing" workshop conducted by MRCET

**After Joining VNRVJIET:**

1. Two Week Workshop on Trends in "Wireless Communication Technology and Evolution of Simulation Tools" workshop conducted by VNRVJIET.
2. Three Day workshop on "Big Data & Hadoop" in VNRVJIET.
3. One day workshop on "Emerging Trends in Cloud Computing" in JNTUH.
4. Three day Workshop on "Research in Innovation" in VNRVJIET.
5. Two week Workshop on "Technical Communications" by IITB.
6. Two day workshop on "Banking Technologies" by IDRBT.
7. "Recent Trends in Mobile Computing & Cloud Security" three day workshop in VNRVJIET
8. One week workshop on "Security & Privacy-Theory & Practice" in NIT Goa
9. One week FDP on "Sensor Networks and Internet of Things" in VNRVJIET by NIT Warangal.
10. One day Awareness Workshop on "Outcome Based Education and Accreditation" in University College of Engineering OU.
11. Two day Workshop on "Applications of Computer Networks & Security" in VNRVJIET.
12. Three Day Workshop on "Data Analytics" during IEEE, IACC 2017 in VNRVJIET
13. One Week Workshop on "Internet of Everything" in Pondicherry College of Engineering
14. Two Days Workshop on "Introduction to Machine Learning" in VNRVJIET by IIT Khargpur. from 16<sup>th</sup> Dec to 17<sup>th</sup> Dec 2017
15. Two Week FDP on "Pedagogy for Online and Blended Teaching Learning Process" by IIT Bombay from Sept to Oct 2017
16. Two Week FDP on "Foundation Program in ICT for Education" by IIT Bombay from Aug to Sept 2018
17. Three Day workshop on "Big Data Techniques & Tools" conducted at VNRVJIET from 13<sup>th</sup> to 15<sup>th</sup> Dec 2017
18. Three Day FDP on "Hadoop Framework & Big Data Tools" 27<sup>th</sup> to 29<sup>th</sup> September 2018
19. Two Week FDP on "Mentoring Educators in Educational Technologies FDP 301x by IIT Bombay from May 17<sup>th</sup> July 05<sup>th</sup> 2018
20. Five Day STTP on "Applied Cryptography & Security Mechanisms" from 03<sup>rd</sup> to 08<sup>th</sup> Dec 2018 in VNRVJIET
21. One and half Week FDP on "Blockchain Architecture Design and Use Cases" by NPTEL(IITK) during July to Oct 2018.
22. One and half Week FDP on "Cryptography & Network Security" by NPTEL(IIT Karagpur) during Jan to Apr 2019
23. One and half Week FDP on "Ethical Hacking" by NPTEL(IIT Karagpur) during Aug to Nov 2019
24. One Week FDP on Block Chain technologies from 24<sup>th</sup> to 29<sup>th</sup> June 2019 by Dept of CSE, VNRVJIET

25. One week FDP on Blockchain Strategic Importance from 25th to 30th Nov 2019 by Dept of CSE, VNRVJIET
26. 2 Week FDP on Digital Transformation in Teaching Learning Process from 16th March to 30th March 2020 TEQIP-3, IIT Bombay
27. Webinar Tech Talk series #01 on consent & data- cyber security perspective on 5th April 2020 by CSI & IEEE
28. Webinar Tech Talk series #02 on (Covid: The realities before us) 12th on April 2020 by CSI & IEEE
29. Webinar Tech Talk series #03 on (Introduction to R in Statistical Analysis) on 19th April 2020 by CSI & IEEE
30. Webinar Tech Talk series #04 on (Fuzzy Interpolative Systems and Applications) on 23rd April 2020 by CSI & IEEE
31. Webinar Tech Talk Series #05 on (Robotic Process Automation) on 26th April 2020 by CSI & IEEE
32. 2 week workshop on Career Edge-Knockdown the lockdown from 27th April to 11th May 2020 TCSion
33. One week workshop on Cloud Computing from 04th May to 08th May 2020 by Dept of CSE, Leadingindia.ai, Bennett University, Greater Noida
34. One Week Workshop on Cyber Security from 04th May to 09th May 2020 by Mittal Technologies
35. One week workshop on NAAC Awareness Programme for Faculty from 8th May to 14th May 2020 Marathwada Mitra Mandala Institute of Technology (MMIT), Lohgaon, Pune
36. One Week Faculty Awareness Program on NAAC Accreditation from 10th May to 15th May 2020 by Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, Pune
37. one week FDP on LINUX foundation & Implementation of Data Structures from 11th May to 16th May 2020 by Dept of CSE, VNRVJIET, CSI
38. One Week Workshop on Effective and Efficient Online Teaching in the Age of Corona: A Hands-On Workshop from 11th May to 16th May 2020 by NMEICT, IIT Bombay
39. One Week Workshop on Outcome Based Education: A Step Towards Excellence from 11th - 15th May 2020 AICTE & Govt. College of Engineering, Karad, Satara
40. Awareness Program on NBA on 13th May 2020 by Bharati Vidyapeeth College of Engineering, Navi Mumbai
41. One week workshop on Data Analytics from 13th May to 17th May 2020 by Dept of CSE, Leadingindia.ai, Bennett University, Greater Noida
42. One week workshop on Cyber Security in the Era of Artificial Intelligence from 13th May to 17th May 2020 by Dept of CSE, Leadingindia.ai, Bennett University, Greater Noida
43. 30 hour course Python from Scratch: Basics and project for practice in May 2020 by BitDegree
44. Session on Absolute Guide: Linux Tutorial for Beginners on 13th May 2020 by BitDegree
45. Session on Salesforce Pardot Training: Learn to Use the Pardot Lightning App (PLA) on 14th May 2020 by BitDegree
46. Awareness Program on Intellectual Property Rights" on 15th May 2020 by Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, Pune
47. Awareness Program on Outcome Based Education (OBE) and NBA Accreditation" on 16th May 2020 Sinhgad Institute of Technology and Science, Narhe, Pune
48. One week FDP on Python for Machine learning from 18th May to 23rd May 2020 by Dept of CSE, VNRVJIET, CSI

49. One week FDP on AI,ML & Data Science from 18th May to 22nd May 2020 by Dept of CSE, CMRTC,Blackbuck Pvt Ltd
50. National level Quiz competition on Biostatistics in Research on 18th May 2020 by SULTAN-UL-ULOOMCOLLEGE OF PHARMACY
51. National level Quiz competition on Research Methodologies on 19th May 2020S by MT KAMALA & SRI VENKAPPA MAGADI COLLEGE OF ENGINEERING &TECHNOLOGY, Lakshmeshwar
52. One week FDP on Blockchain Technologies from 19th May to 23rd May by Lakireddy Bali Reddy College of Engineering
53. National level Quiz competition on DBMSon 20th May 2020 by AISSMS Institute of Information Technology,
54. Awareness Program on Deep Learning Architectures on 20th May 2020 by PIMPRI CHINCHWAD EDUCATION TRUST'S PIMPRI CHINCHWAD COLLEGE OF ENGINEERING
55. One week Faculty AwarenessProgram onResearch Methodology from 20th to 25th May 2020Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, Pune
56. One week FDP on Artificial Intelligence from 22nd May to 26th May by Dept of CSE, Vignana Bharathi Engg college National Youth Council of India & Brainovision Solutions (Ind) Pvt.ltd
57. One week FDP on Artificial Intelligence from 22nd May to 26th May by BVRITW
58. National Level Online Quiz onResearch Methodology on 24th May 2020 by NSS TRAINING COLLEGE, OTTAPALAM RESEARCH CENTRE IN EDUCATION
59. National Level Online Quiz onComputer Network and Cloud Computing on 25th May 2020 by MET's Institute of Engineering,Bhujbal Knowledge City,
60. One week FDP on Recent Trends and Innovations in Digital Forensic from 25th May to 29th May 2020 by AISSMS Institute of Information Technology, Pune
61. One week FDP on Innovation, Entrepreneurship and its Relevance in Industry 4.025th May to 29th May 2020 by Terna Engineering College, Nerul, Navi Mumbai
62. One week FDP on LaTeX, R Programming and Python from 25th May to 30th May 2020 by GURU NANAK UNIVERSITY ,Hyderabad andIIT SPOKEN TUTORIAL BOMBAY..!
63. One week FDP on Disruptive Technology on 25th May to 29th May 2020 from St Peter's Engineering College
64. One week Certification Programon Cyber Security -Web Application Security from 25th May to 30th May 2020 by Dept of CSE, VNRVJIET,CSI & Mittal Technologies
65. One week FDP on Industry Expectations from Data Mining and Blockchain Professionals from 25th May to 29th May 2020 by Dept of CSE, VNRVJIET,CSI
66. Webinar on Ethics in using of Digital Resources and its Implications on 27th May 2020 by VILLA MARIE COLLEGE FOR WOMEN
67. National Level Online Quiz onTest your knowledge on NBA Criteria's on 28th May 2020 by MLRIT
68. National Level Online Quiz onEnvironmental Awareness on 28th May 2020 by SIPNA college of Engg and Tech
69. 3 Day workshop on App Development on Flutter from 29th May to 31st May 2020 by Dept of CSE, VNRVJIET,CSI, Turing Hut
70. One week FDP on Cyber Security Vulnerabilities & Safeguards from 28th May to 1st May 2020 by NITTTR Chandigarh,AICTE ATAL Academy Training
71. One week FDP on Cyber Security from 28th June to 1st June 2020 by SNIST
72. National Level Online Quiz onResearch Methodologies on 29th May 2020 by KLE college of Engineering & Technology, Belgavi

73. National Level Online Quiz on Human Resource Management on 29th May 2020 by SMT KAMALA & SRI VENKAPPA M AGADI COLLEGE OF ENGINEERING & TECHNOLOGY,, Lakshmeshwar
74. Tech Talk on Leadership Skills on 30th May 2020 by MHRD Innovation Cell & AICTE
75. Online Quiz on Cloud Computing on 31st May 2020 by wings of Hope, LPU
76. Two week FDP on Advance Data Structure from 1st June to 11th June 2020 by Dept of CSE, VNRVJIET,CSI
77. Tech talk on Leadership Qualities on 6th June 2020 by AICTE MHRD's Innovation Cell
78. One week FDP on Cyber Security from 2nd to 6th June 2020 by VNRVJIET,
79. One week FDP on Artificial Intelligence and Machine Learning for Engineering Applications from 8th to 12th June 2020 by Dept of CSE, IT & ECE, VNRVJIET
80. One week FDP on Python 3.4.3 & Python Django from 8th to 12th June 2020 by Dept of CSE
81. One week FDP on Cloud Computing and DevOps from 23rd to 27th June 2020 by Dept of CSE, VNRVJIET in collaboration with CSI
82. 2 Day workshop on The BodhiTree and SAFE Tools for Effective Online Teaching A Hands On Workshop from 20th & 21st June 2020 by NMEICT, IIT Bombay
83. One Week FDP on Python for Data Science from 15th to 20th June 2020 by Forsk Coding School
84. One Week Workshop on VNR Initiatives and Awareness on OBE 6th to 12th July 2020
85. Webinar on How to write winnable research proposal 28th July 2020
86. 3 Day Workshops on Blockchain Technologies as a part of ICACECS-2020 12th to 14th Aug 2020
87. Webinar on Towards Smart Healthcare and Smart Cities- Role of Artificial Intelligence on 3rd Oct 2020
88. PDP on Mathematics for Data Science from 26<sup>th</sup> to 31<sup>st</sup> Oct 2020
89. FDP on Data Analytics using EXCEL from 8th to 12th Feb 2021
90. Knowledge Sharing Session on Social Media Analytics on 21st May 2021
91. Two Week Certification Course on Cyber Security & Web Application Hacking From 23rd May 2021
92. FDP on Multi Technologies 28<sup>th</sup> June to 3<sup>rd</sup> July 2021
93. FDP on Two week Faculty Development Programme on Research Challenges and hands on Practice in Data Analytics & AI by Dept of CSE VNRVJIET in Collaboration with E & ICT NITW from 21st July 2022 to 30th July 2022
94. One Week FDP on "Recent Trends in Cognitive Science & its Applications"; organized by Department of CSE, VNRVJIET in collaboration with Vikram University, Oriental University & IPS Academy, Indore from 13th March to 18th March 2023
95. One week FDP on "[LaTeX - Migrate to LaTeX from word](#)" from 04th April to 09th April 2023
96. One Week Faculty Development Programme on "Machine Learning in Big Data Applications and Security Challenges " organized by Department of CSE, MLRIT from 24th - 29th April, 2023
97. Certified Ethical Hacker by EC- Council in June 2022 Certification Number ECC1675840392
98. Online Certifications:

Name of the Course	Certified on Dates	Platform
AI for Everyone	9th July 2020	Coursera
AWS Fundamentals Going Cloud-Native	8th July 2020	Coursera

AWS Fundamentals Building Serverless Applications	9th July 2020	Coursera
AWS Fundamentals Migrating to the Cloud	9th July 2020	Coursera
AWS Fundamentals Addressing Security Risk	9th July 2020	Coursera
AWS Fundamentals(Specilization)	9th July 2020	Coursera
Blockchain and Cryptocurrency Explained	13th July 2020	Coursera
Machine Learning with Big Data	13th July 2020	Coursera
Introduction to Cybersecurity Tools & Cyber Attacks	19th July 2020	Coursera
Cloud Computing Basic	19th July 2020	Coursera
Network Security & Database Vulnerabilities	21st July 2020	Coursera
Cybersecurity Roles, Processes & Operating System Security	21st July 2020	Coursera
Cybersecurity Compliance Framework & System Administration	21st July 2020	Coursera
DDoS Attacks and Defenses	22nd July 2020	Coursera
Structuring Machine Learning Projects	22nd July 2020	Coursera
IT Fundamentals for Cybersecurity(Specilization)	22nd July 2020	Coursera
Fundamentals of Audio and Music Engineering: Part 1 Musical Sound & Electronics	23rd July 2020	Coursera
Wireless Communications for Everybody	23rd July 2020	Coursera
Deep Learning for Business	23rd July 2020	Coursera
Internet of Things: Communication Technologies	23rd July 2020	Coursera
Embedded Software and Hardware Architecture	24th July 2020	Coursera
Processing Data with Python	24th July 2020	Coursera
Programming for Everybody (Getting Started with Python)	25th July 2020	Coursera
Python Data Structures	31st July 2020	Coursera
Cybersecurity and the Internet of Things	31st July 2020	Coursera
Getting Started with AWS Machine Learning	6th Aug 2020	Coursera
Big data and Language 1	6th Aug 2020	Coursera
Security and Privacy for Big Data - Part 1	5th Aug 2020	Coursera
Security and Privacy for Big Data - Part 2	5th Aug 2020	Coursera
Cybersecurity and the X-Factor	2nd Aug 2020	Coursera
G Suite Security	6th Aug 2020	Coursera
International Security Management	6th Aug 2020	Coursera
Cybersecurity and Mobility	5th Aug 2020	Coursera
Deep Learning Inference with Azure ML Studio	6th Aug 2020	Coursera
Deep Learning NLP: Training GPT-2 from scratch	6th Aug 2020	Coursera
Build a Deep Learning Based Image Classifier with R	6th Aug 2020	Coursera
Sentiment Analysis with Deep Learning using BERT!	6th Aug 2020	Coursera
Object Detection with Amazon Sagemaker	7th Aug 2020	Coursera

Build Multilayer Perceptron Models with Keras	7th Aug 2020	Coursera
Emotion AI: Facial Key-points Detection	7th Aug 2020	Coursera
Fake News Detection with Machine Learning	7th Aug 2020	Coursera
Neural Network from Scratch in TensorFlow	7th Aug 2020	Coursera
Linear Regression with Python	7th Aug 2020	Coursera
Mining Quality Prediction Using Machine & Deep Learning	7th Aug 2020	Coursera
Traffic Sign Classification Using Deep Learning in Python/Keras	7th Aug 2020	Coursera
Semantic Segmentation with Amazon Sagemaker	7th Aug 2020	Coursera
Data Science Ethics	7th Aug 2020	Coursera
The Foundations of Cybersecurity	24th Aug 2020	Coursera
The GRC Approach to Managing Cybersecurity	25th Aug 2020	Coursera
Managing Cybersecurity Incidents and Disasters	27th Aug 2020	Coursera
Managing Network Security	26th Aug 2020	Coursera
The Future of Payment Technologies	29th Aug 2020	Coursera
Raising Capital: Credit Tech, Coin Offerings, and Crowdfunding	5th Sept 2020	Coursera
Innovations in Investment Technology: Artificial Intelligence	5th Sept 2020	Coursera
Mathematical Foundations for Cryptography	25th Sept 2020	Coursera
Big data and Language 2	8th sept 2020	Coursera
Financial Technology (Fintech) Innovations	9th Sept 2020	Coursera
Innovations in Investment Technology: Artificial Intelligence	9th Sept 2020	Coursera
Raising Capital: Credit Tech, Coin Offerings, and Crowdfunding	9th Sept 2020	Coursera
COVID19 Data Analysis Using Python	30th sept 2020	Coursera
Classical Cryptosystems and Core Concepts	11th Sept 2020	Coursera
Privacy in the Western World	1st Oct 2020	Coursera
Blockchain Technologies	27th July 2020	EDX
Bitcoin & Cryptocurrency	27th July 2020	EDX
Blockchain Fundamentals (Professional Certificate Program)	27th July 2020	EDX
Cyber Crimes and its preventive Measures -UDEMY.pdf	8th Aug 2020	Udemy
Amazon Web Services 4 Certifications	8th Aug 2020	Udemy
Introduction to Cyber Security	23 <sup>rd</sup> July 2021	Simplilearn
CompTIA Security+	27 <sup>th</sup> Sept 2021	Simplilearn
CEH (V11) - Certified Ethical Hacker	7 <sup>th</sup> June 2022	Simplilearn
CISSP	30 <sup>th</sup> April 2022	Simplilearn
Certified Cloud Security Professional	30 <sup>th</sup> April 2022	Simplilearn
CompTIA Network +	30 <sup>th</sup> April 2022	Simplilearn
CISM	21 <sup>st</sup> Dec 2021	Simplilearn

Introduction to Cybercrime	7 <sup>th</sup> May 2022	Skillup
Ethical Hacking		Skillup
Getting Started with AWS		Skillup
Introduction to Cloud Security		Skillup
Getting Started with AWS Services Fundamentals for Beginners		Skillup
Introduction to Cryptography for Beginners		Skillup
Salesforce Administrator & App Builder (Developer)		Skillup
Salesforce Certified Administrator		Skillup
Salesforce Certified Platform App Builder		Skillup

## 5. Academic Contribution and Research & Consultancy:

### 5.1. Invited Lectures:

- Guest Lecture on “Mobile Computing” in Vijaya College of Engineering
- Guest Lecture on “Cloud Computing “ in MGIT on 20<sup>th</sup> Mar 2018
- Resource Person for Two sessions on “Cryptography & Steganography” during 5 day STTP on “ Applied Cryptography & Security Mechanisms” from 03<sup>rd</sup> to 08<sup>th</sup> Dec 2018.
- Resource Person for Two sessions on “ICT Tools” during 3 day Workshop on “Awareness on ICT Tools ” from 11<sup>th</sup> to 13<sup>th</sup> June 2018.
- Resource Person for the Two sessions on “ICT Tools” during 3 day Workshop on “LINUX & ICT Tools ” June 2019
- Resource Person for the Webinar on Cloud Computing as a part of Webinar Series conducted on 29<sup>th</sup> May 2020
- Resource Person for the Training on Cloud Computing-AWS as a part of Internship programme conducted from 10<sup>th</sup> to 16<sup>th</sup> June 2020
- Reviewer for International Conference organized by IACC 2022 CMRCET
- Reviewer for National Technical Symposium AZURA 2023 in CMRCET

### 5.2. Articles/Chapters published in Books:

- Five book chapter on
  - **Identification of Security Threats Using Honeypots** , Pages 273-282
  - **Analysing vocal patterns to determine Gender, Age, and Emotion** Pages 349-357 In Springer Series Title: **Learning and Analytics in Intelligent Systems** book series (LAIS, volume 20) <https://link.springer.com/book/10.1007%2F978-981-15-9293-5?page=2#toc>
  - Chapter 12 A Modern Approach to Seed Quality Check and it's Traceability in Agriculture pages 217 to 230
  - Chapter 20: Segmentation of Brain Tumour in Multi-Contrast Mri Image Using U-Net Model pages 207 to 218 in Springer Nature Series Title: **Algorithms for Intelligent Systems** <https://link.springer.com/book/10.1007/978-981-16-7389-4>
  - **Blockchain Based Voting Tracking using IoT in**

### 5.3. Books published as single author or as editor: NIL

### 5.4. Projects Guided:

- UG: 32
- PG: 17

### 5.5. Research Interests: Cloud Computing, Networking, Wireless Networks, Network Security, Data Analytics, Cyber Security, Big Data Analytics

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	Implementation of Security and Bandwidth Reduction in Multicloud Environments	IEEE Digital Library	IEEE ISBN: 978-1-5090-5256-1/16/\$31.00_c 2016 page no 758-763	IEEE	International
2	Analysis of Provable Data Possession on Clustered Data	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)	ISO 3297:2007 Certified Vol. 5, Issue 10 October 2016 DOI10.17148/IJARCCE.2016.5109 5 ISSN (Online) 2278- 1021 ISSN (Print) 2319 5940 page no :473-477	5.332	International
3	Integrity Verification on Clustered Data using PDP in Cloud Environments	IRED Journal and the same is presented in Sixth International Conference On Advances in Computing, Electronics and Electrical Technology - CEET 2016. Indexed in SEEK Digital Library	DOI: 10.15224/978-1-63248-109-2-24 Page(s): 145 - 149	4.3	International
4	A Novel IDE for Data Security on Publisher & Subscriber Data	International Journal of Research <a href="https://edupediapublications.org/journals">https://edupediapublications.org/journals</a>	p-ISSN: 2348-6848 e-ISSN: 2348-795X Volume 03 Issue 17 November 2016 page:323-328.	3.541	International
5	CBP based Bandwidth Reduction in Secured Clouds	International Journal of Applied Engineering Research, Scopus Indexed and also won best paper Award in ICICSIT-	ISSN 0973-4562 Vol. 10 No.81	Scopus Indexed	International

		2015 conducted by MGIT, page no:203-208, ISSN 0973-4562 Vol. 10 No.81 (2015) © Research India Publications; <a href="http://www.ripublication.com/ijaer.htm">http://www.ripublication.com/ijaer.htm</a>			
6	Raid Technology for Secured Grid Computing Environment s” i	IEEE NCC 2012 at IIT Karagpur On page(s): 1 Conference Location : Kharagpur Date of Current Version :03 April 2012 Issue Date : 3-5 Feb. 2012	Print ISBN: 978-1-4673-0815-1 INSPEC Accession Number: 12654144 Digital Object Identifier : <u>10.1109/NCC.2012.6176738</u> IEEE Catalog Number: CFP1242J-ART,		International
7	Performance comparison of congestion aware Multipath routing & DSR”	IEEE” International Conference on Internet Multimedia Systems Architecture & Applications	978-1-4244-7932-0/10/\$26.00 ©2010 IEEE Issue Date : , On page(s): 1 – 5, Print ISBN: 978-1-4244-7930-6, References Cited: 10, INSPEC Accession Number: 11873739	2	International
8	Data Privacy for Grid Systems	Springer” Ist International Conference on Advances in Computing & Communications(A CC-11)	A. Abraham et al. (Eds.): ACC 2011, Part IV, CCIS 193, pp. 70–78, 2011. © Springer-Verlag Berlin Heidelberg 2011	1	International
9	<u>Secured Preemptive DSR (S-PDSR): An integration of SRP and SMT with Preemptive DSR for Secured Route Discovery</u>	International Journal of Ad hoc, Sensor & Ubiquitous Computing (IJASUC)	2010	3	International
10	Efficient Usage of Resources Using Data Hosting	International Journal of Computer & Mathematical Sciences IJCMS	ISSN 2347 – 8527 Volume 7, Issue 1 January 2018		International

	Scheme in Multi Cloud Environment				
11	Usage of DHS and De-duplicating Encrypted Data using ABE & ECC for Secured Cloud Environment	IEEE Digital Explore and presented in IEEE International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC 2018)	IEEE ISBN: 978-1-5386-1442-6/18/\$31.00 ©2018 IEEE page no 614-619 DVD Part Number:CFP18OZV-DVD; ISBN:978-1-5386-1441-9 Aug 2018		International
12	Implementa tion of DHS for Effective Usage of Resources and Providing Security using ECC in Multi Cloud Environment s	International Conference on Innovations in Electrical, Electronics, Power, Smart grids & Advanced Computing Technologies (IEEPS-18) and also published in Scopus Indexed Journal International Journal of Engineering and Technology (UAE)(IJET) Dec 2018	<a href="https://www.sciencepubco.com/index.php/ijet/article/view/28706">https://www.sciencepubco.com/index.php/ijet/article/view/28706</a> Scopus Indexed Article ID: 28706  DOI: <a href="https://doi.org/10.14419/ijet.v7i4.22.28706">10.14419/ijet.v7i4.22.28706</a>  Vol 7, No 4.22 (2018)  Special Issue 22  Page no 246-249		International
13	De-duplicatin g Encrypted Data using ABE & ECC for Secured Cloud Environm ent	International Conference on Innovations in Electrical, Electronics, Power, Smart grids & Advanced Computing Technologies (IEEPS-18) and also published in Scopus Indexed Journal International Journal of Engineering and Technology (UAE)(IJET) Dec 2018	<a href="https://www.sciencepubco.com/index.php/ijet/article/view/28705">https://www.sciencepubco.com/index.php/ijet/article/view/28705</a> Scopus Indexed Article ID: 28705  DOI: <a href="https://doi.org/10.14419/ijet.v7i4.22.28706">10.14419/ijet.v7i4.22.28706</a>  Vol 7, No 4.22 (2018)  Special Issue 22  Page no 241-245		International
14	A Study On Covid-19 Data Of	in European Journal of Molecular & Clinical	<a href="https://ejmcm.com/article_2851.html">https://ejmcm.com/article_2851.html</a>	4	International

	India, Andhra  Pradesh And Telangana Using Machine Learning  Algorithms	Medicine, 2020, Vol ume 7, Issue 7, Pages  371-380			
15	Providing Security and Reducing the Utilization of Bandwidth in Cloud Environment s	In Grenze International Journal of Engineering and Technology, 2022 June Issue  186 to 204	ISSN 2395-5287	3	Internationa l
15	A Study of Secured Cloud Environment s With Efficient Utilization of Bandwidth	International Journal of Grid and Distributed Computing  Vol. 14, No. 1 (2021), pp. 2220 - 2244	ISSN: 2005-4262 (Online)	3	Internationa l
16	<a href="#">A SURVEY ON DIFFERENT DEEP LEARNING ALGORITHMS FOR FACIAL RECOGNITION</a>	Dogo Rangsang Research Journal	2347-7180 Vol-13, Issue- 4, No. 20	2	Internationa l
17	<a href="#">SCHIZOPHR ENIA DETECTION FROM SOCIAL MEDIA</a>	Juni Khyat	2278-4632 Vol-13, Issue- 04, No.06, April : 2023	2.2	Internationa l
18	A Novel Approach for Detecting Schizophreni	International Journal of Engineering Research in Computer Science	2394-2320 (Online) <u>Vol 10, Issue 5, May 2023</u>	3.6	Internationa l

	a using Deep Learning Techniques like LSTM and CNN from Social Media	and Engineering (IJERCSE)			
19	A NOVEL APPROACH TO MISSING CHILD IDENTIFICATION WITH CGAN AND VGG16-BASED AGE PROGRESSION AND FACIAL RECOGNITION	BIOGECKO(WoS)	2230-5807 Volume 12 Issue 3 May-June 2023	4	International

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Authentication, Key Establishment & Cooperative Cache maintenance in Wireless P2P Environments Using GDC & Greedy Algorithm	(IJESIT) International Journal of Engineering Science & Innovative Technology	International	<b>1, January 2013</b>
2	Secure Communication Using GDC in Cloud Computing	International Research Journal of Computer Science Engineering & Applications(IJRCSEA)	International	Dec. 2012
3	Authentication & Key Establishment in Grid Computing Environments Using GDC	(IJESAT) International Journal of Engineering Science & Advanced Technology	International	01 jan 2013
4	Data Caching in wireless p2p networks Using Greedy Algorithm	<b>SCKD2k12</b>	National	<b>Jan - June 2012</b>
5	Preemptive Routing & Intrusion detection in MANET's	International Journal of Computer & Communication Technology(IJCCT)	International	Jan 2012
6	<b>Architecture and Algorithm for an Cooperative Cache wireless p2p Networks</b>	<b>IJECCE</b>	International	Jan 2012
7	A Novel Hybrid Routing Technique for Mobile Adhoc Network	International Journal of Ad hoc, Sensor & Ubiquitous Computing	International	December 2010

		(IJASUC)		
8	An Efficient Energy Management Scheme for Mobile Adhoc Networks	International Journal of Research & review in Computer Science (IJRRCS)	International	sept-2010
9	Overview of Routing Protocols in Wireless Mesh Networks	CIT Journal of Research	International	DEC-FEB 2010-11
10	Stateless Multicast & Multipath DSR in Adhoc Networks	IJECCE/NCRTCST	International	2013
11	Security Using Identity based Cryptography in Multipath DSR	International Journal of Computer Science and Management Research	International	8 August 2013
12	Distributed Accountability & Integrity Verification in Cloud Environments	International Journal of Computer Science and Management Research	International	9 September 2013
13	Dynamic Audit Services for Integrity Verification & Efficient Ranked Keyword Search in Clouds Environments	International Journal of Computer Science and Management Research	International	9 September 2013
14	Implementation of HASBE, FADE for Access Control & Assured Deletion in Cloud Environments	International Research Journal of Computer Science Engineering and Applications	International	10 -2013
15	Integrity Verification & Maintaining Distributed Accountability of Outsourced Storages in Clouds	International Journal of Computer Science and Management Research	International	Issue 7 July 2013
16	Preemptive AOMDV for Mobile Ad-Hoc Networks	ICICCA-10	International	Aug 2010
17	AOMDV for Mobile Ad-Hoc Networks	ICAICV-10	International	2010
18	Data Security using Digital Signature with RSA Encryption in Grid Computing	International Conference on Emerging Trends in Technologies(ICETT-11)	International	March-2011
19	Framework of Intrusion Detection System for grid computing networks	International Conference on Emerging Trends in Technologies(ICETT-11)	International	March-2011
20	User Personalization by Click-Through Data-Structure for Affective Recommended Web Search	International Conference on Nano Science Engineering & Advanced Computing(ICNEAC-2011)	International	2011
21	Grid Security using Proxy Infrastructure	International Conference on NanoScience Engineering & Advanced	International	2011

		Computing(ICNEAC-2011)		
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5.9. Sponsored research Projects: Nil

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: Nil

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
1	SPICES	AICTE F.NO: 10-2/AICTE/IDC/SPICES/2020-21	1 year 2020-21	1,00,000	Completed

### 6. Awards / Honors received:

- Best Paper Award in the International Conference ICCSIT, Hyd.
- Best Teacher Award in CMRCET, Hyd for two Consecutive years during 2011-12& 2012-13.
- Letter of Appreciation for 100% pass percentage in the subject “Distributed Database”.
- Letter of Appreciation for 100% pass percentage in the subject “Network Security & Cryptography”.
- Letter of Appreciation for 100% pass percentage in the subject “Cloud Computing”.
- Letter of Appreciation for 100% pass percentage in the subject “Cyber Security”.
- Letter of Appreciation for 100% pass percentage in the subject “Introduction to Analytics”.
- Letter of Appreciation for 100% pass percentage in the subject “Big Data Analytics”.
- Elected as a Managing Committee(MC) Member for the CSI Hyd Chapter.(2019-20)
- Won the CSI Best Accredited Student Branch Award 2020
- Won the CSI Longest Continuous Student Branch Coordinator Award 2020
- Served as a Managing Committee Member for CSI Hyd Chapter during 2019-20
- Served as a Programme Committee Member for ISO C Hyd Chapter during 2021-22
- Got a grant of 1 lakh under SPICES, AICTE for CSI student chapter as a co-investigator 2021-22
- Won the CSI Largest Student Branch Award 2023

### NPTEL:

- Certified “Blockchain Architecture Design and Use Cases” by NPTEL(IITKaragpur) during July to Oct 2018
- Certified and Got Elite in “Introduction to Internet of Things ” by NPTEL(IITKaragpur) during Jan to Apr 2018
- Certified and Got Elite in “Cloud Computing” by NPTEL(IITKaragpur) during Jan to Apr 2018
- Certified and Got Elite in “Cryptography & Network Security” by NPTEL(IIT KKaragpur) during Jan to Apr 2019

- Certified and Got Elite in “Ethical hacking” by NPTEL(IIT KKaragpur) during Aug to Nov 2019
- Certified “NBA Accreditation and Teaching and learning in Engineering (NATE)s” by NPTEL(IITKaragpur) during Jan to April 2022

**7. Motto:** Work is Worship & Efficiency is Divine

**8. Membership:**

- Life members of ISTE : LM122084
- Member of ACM 9547218
- Life member of CSI:I1503955
- Life member of IFERP- PMIN12456907
- Member of UACEE-SM10100056436
- Member of Eurasia Research-TERA-M19101605
- Member of IAENG-155606.
- Member of Computer Science Teachers Association CSTA-9310265
- Nominee Institute Member of CSI: F8001174
- Managing Committee(MC) Member for the CSI Hyd Chapter.(2019-20)

**9. Patents**

Patent 1:

ABIE-VOTING SYSTEM AADHAAR ANDBLOCKCHAIN INTELLIGENT ELECTRONICVOTING SYSTEM ,published with Application No.: 202021027657 in IPR Journal, Govt of India.

Patent 2:

Cloud Sharing System: CLOUDCOMPUTING INFORMATION SHARINGSYSTEM IN REAL-TIME published with 202041030793 in IPR Journal, Govt of India.

Patent 3:

AWS CLOUD DATA PERFORMANCE INCREASEDUSING MACHINE PROGRAMMING published with Application No.: 202141006923 A in IPR Journal, Govt of India.

Patent 4:

ELSM- Quantum Computing: EXTREMELYLARGE DATABASES STORE INTO A SMALL MEMORYUSING QUANTUM COMPUTING. granted with Application number 2020102026 in Australian Patent

Patent 5:

HOTSPOT PREDICTION SYSTEM FORCOVID-19 PANDEMIC published with . Application number 202041044040 in IPR Journal, Govt of India.

Patent 6

GPS AND ENCRYPTION BASED MULTI CHECK AUTHENTICATION PROCESS FOR PREVENTING FRAUD TRANSACTION with application no 202141044509 published on 21-02-2021 in the Indian Patent Journal

Patent 7

Intrusion detection and analysis system in local networks using machine learning Application No.202241052308 A published on 23-09-2022 in the Indian Patent Journal

Patent 8

Chunk Based Prediction (A Study of Secured Cloud Environments with Efficient Utilization of Bandwidth) Application No.202241059319 published on 28-10-2022 in the Indian Patent Journal

Patent 9

Detecting Schizophrenia using Deep Learning Techniques (LSTM and CNN from Social Media) with application no 202341033183 published on 21-05-2023 in the Indian Patent Journal