



Name : **RENUKA KONDABALA**
Designation : Asst. Professor
Department : Information Technology
Date of Birth : 27-08-1983
AICTE Faculty ID : 1-472710909
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Experience (in years) : Teaching: 18.10 Research: Others (If any, Specify):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D.)	Year of passing	Specialization
1	B.E	2004	Computer Hardware and Software Engineering
2	M.Tech	2014	Computer Science
3	Ph.D	Perusing	Computer Science and Engineering

2. Teaching and Learning:

- 2.1 Teaching Interests: Cloud Computing, Network security, Digital Logic Design, Computer Networks, Software Engineering, Computer Organization, Cyber Security, Applications of Network Security, Information Security.
- 2.2 Novel Teaching & Learning Techniques adopted: NPTEL Videos, Audio Visuals, PPT, Blackboard, Wit and Wil.
- 2.3 Involvement in curriculum updating / Design: Designed Syllabus for Computer organization, Computer networks, Web technologies, Cloud computing, Principles of Information security, Applications of Network Security, and Cyber Security.

3. Co-curricular and Extra-Curricular Activities:

- 3.1. Interests and Hobbies: Watching TV, Listening to light music.

3.2. CCA/ECA Organized:

- Organized international Women's Day 2023 at VNRVJIET.
- Convergence 2K23-Treasurer.
- Convergence 2K21-Treasurer.
- Convergence Coordinator 2K18
- Convergence Coordinator 2K19
- Organized international Women's Day 2020 at VNRVJIET.
- I have contributed in getting an MOU with CYBERSECURITY CENTRE OF EXCELLENCE, TELANGANA and VNRVJIET.

3.3. CCA/ECA participated:

- Participated in Convergence 2K18, Convergence Coordinator 2K19, Convergence 2K21, Convergence 2K23.
- Completed a certification course on Internet of Things: Sensing and Actuation From Devices an online non-credit course authorized by University of California San Diego and offered through Coursera on November, 27, 2020.

- Completed a certification course on Web Application Security Testing with Burp Suite an online non-credit course authorized by Coursera Project Network and offered through Coursera on October,17,2020.
- Completed a certification course on Web Application Security Testing with OWASP ZAP an online non-credit course authorized by Coursera Project Network and offered through Coursera on October ,17,2020.
- Completed a certification course on Hardware Security an online non-credit course authorized by University of Maryland, College Park and offered through Coursera on October,3,2020.
- Completed a certification course on Proactive Computer Security an online non-credit course authorized by University of Colorado System and offered through Coursera on Sepetember 28,2020.
- Completed a certification course on Introduction to the Internet of Things and Embedded Systems an online non-credit course authorized by University of California, Irvine and offered through Coursera on September,18,2020.
- Completed a certification course on Cryptography an online non-credit course authorized by University of Maryland, College Park and offered through Coursera on September,7,2020
- Completed a certification course on Usable Security an online non-credit course authorized by University of Maryland, College Park and offered through Coursera on sepetember2,2020.
- Completed a certification course on Information Security: Context and Introduction an online non-credit course authorized by University of London and Royal Holloway, University of London and offered through Coursera on August 21,2020.
- Completed a certification course on Cyber Threats and Attack Vectors an online non-credit course authorized by University of Colorado System and offered through Coursera on August,12,2020.
- Completed a certification course on Introduction to Cyber Attacks an online non-credit course authorized by New York University and offered through Coursera on July,22,2020.
- Completed a certification course on Data Privacy Fundamentals an online non-credit course authorized by Northeastern University and offered through Coursera on July,21,2020.
- Completed a certification course on Cybersecurity and the Internet of Things an online non-credit course authorized by University System of Georgia and offered through Coursera on July,13,2020.
- Completed a certification course on Network Security & Database Vulnerabilities an online non-credit course authorized by IBM and offered through Coursera on July,10,2020.
- Completed a certification course on “IT Fundamentals for Cybersecurity By **IBM and Coursera** On July 10,2020.
- Completed a certification course on Cybersecurity Roles, Processes & Operating System Security an online non-credit course authorized by IBM and offered through Coursera on July,7,2020.
- Completed a certification course on Cybersecurity Compliance Framework & System Administration an online non-credit course authorized by IBM and offered through Coursera on July,6,2020.
- Completed a certification course on Penetration Testing, Incident Response and Forensics an online non-credit course authorized by IBM and offered through Coursera on July,3,2020.
- Completed a certification course on Detecting and Mitigating Cyber Threats and Attacks an online non-credit course authorized by University of Colorado System and offered through Coursera on July,1,2020.
- Completed a certification course on Introduction to Cybersecurity Tools & Cyber Attacks an online non-credit course authorized by IBM and offered through Coursera on June 26,2020.

- Completed a certification course on Programming for Everybody (Getting Started with Python) an online non-credit course authorized by University of Michigan and offered through Coursera on 11/6/2020
 - Completed a certification course on Python Data Structures an online non-credit course authorized by University of Michigan and offered through Coursera on 13/6/2020
- 3.4. Counseling and Mentoring Activity: Mentor for 3rd B. Tech IT .
- 3.5. Committees involved in:
- Department level: Department library Incharge, IT-workshop lab Incharge
- Institute Level: Student Progression Committee member, Library Committee Member, ISTE Secretary and Treasurer

4. Conference / Workshop / Seminar / Guest Lectures:

4.1. Conducted:

- Conducted an International Conference on Recent Trends in Microelectronics, Automation, Computing and Communication Systems from 28–30 December 2022 as taking a part in Finance committee.
- Conducted a 2 day workshop on Cyber Security from 14th – 15th December 2021, as part of Convergence2k21 at VNRVJIET.
- Conducted a 3 day workshop on “Cyber Security Tools “from 15-04-2021 to 17-04-2021 for M.Tech-I year –I sem, CNIS ,In collaboration with Supraja Technologies ,Vijayawada and VNRVJIET.
- Conducted a 7 day Joint Online Faculty Development Program (FDP) on Cyber Security from 5th – 11th October 2020, in collaboration with Electronics and ICT Academy at NIT Patna and VNRVJIET.
- Conducted a 5 day FDP on Cyber Security from 2-6-2020 to 6-6-2020 organized by Department of ECE and IT in association with ISTE, IEEE and ACM student chapters in collaboration with Supraja technologies
- Conducted a Guest lecture on Cyber security and cyber Frauds and Awareness for II year B.Tech students on 19/02/2020 in collaboration with National Cyber Safety and Security Standards
- Conducted a guest lecture on of “**Computer Forensics and Cyber Security software Tools” on 20th December 2019** for students of I Year M.Tech, CNIS
- The Department Information Technology would like to Conducted a one week FDP on BLOCKCHAIN TECHNOLOGY- ITS APPLICATIONS from 17-12-2018 to 21-12-2018 organized by department of Information Technology, VNRVJIET
- Conducted a 2 day Workshop on Machine Learning from 5-2-2018 and 6/02/2018 as a part of Convergence-2K18 ,VNRVJIET
- Conducted a preconference workshop on “Cloud Computing” on 5th January 2016, as a part of IEEE - International Advanced Computing Conference 2017, VNR VJIET
- Conducted a three day national workshop on “RECENT TRENDS IN MOBILE COMPUTING AND CLOUD SECURITY” sponsored by TEQIP-II, organized by department of Information Technology, VNRVJIET from 4th -6th May 2016.
- Conducted a half day guest lecture on “Cloud Computing “on 17/2/16 for IV year B.Tech IT students

- Conducted a half day guest lecture on “Virtualization and cloud computing “on 17/1/14 for 3rd year B.Tech IT students

4.1 Attended:

- Attended one week FDP on " Recent Trends in Cognitive Science & its Applications" organized from 13th March to 18th March 2023 organized by Department of CSE, VNRVJIET , Vikram University, Oriental University & SOC IPS Academy, Indore.
- Attended STTP programme on Data Visualization for Deep Learning Using Power BI and Tableau from 23rd Feb - 28th Feb, 2023 organized by Dept of CSE, NIT Warangal in association with Dept of IT, VNRVJIET
- Attended an International Conference on Recent Trends in Microelectronics, Automation, Computing and Communication Systems from 28–30 December 2022.
- Attended 2 days virtual Bootcamp for Blockchain Technology from 11th Feb 2022 to 12th Feb 2022
- Attended a 4-Day FDP on “EFFECTIVE UTILIZATION OF DIGITAL PLATFORMS FOR CONTENT DEVELOPMENT AND DELIVERY” on 13th-15th and 20th July 2020, Organized by VNRVJIET in collaboration with ETMantra eLearning Solution Pvt. Ltd.
- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Advanced FDP on "Information and Cyber Security" from 2021-07-12 to 2021-07-16 at IIIT Vadodara.
- Attended AICTE & MRSPTU approved One Week Short Term Training Program on “Wireless Sensor Networks” from 18-23 January 2021, organized by Department of Computer Science & Engineering, GZSCCET MRSPTU, Bathinda.
- participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber Security" from 2020-12-14 to 2020-12-18 at GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT GITAM BENGALURU.
- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber Security" from 2020-9-7 to 2020-9-11 at BMS Institute of Technology and Management.
- Attended a 5 day FDP on “Artificial Intelligence and Machine Learning for engineering” from June 8th to 12, 2020 organized by Department of CSE in association with IEEE and ACM student chapters
- Attended a 3 day FDP on Internet of Things (IoT) by Anurag University from 28th -30th May 2020
- Attended a WEBINAR on CYBER SECURITY hosted by SIJET and organized by Department of Computer Science and Engineering ,which would be presented by DR. K. Shyamala Garu , Date /Time 26-05-2020 (10:30 - 1:00 PM),
- Attended a Online workshop on Scientific Writing for Journals organized by Springer Nature on 20th May 2020
- Attended a **WEBINAR on IOT - AGRICULTURAL IMPLEMENTATION - PANTECH E Learning** on 19.05.2020 **From 11:00 AM to 12:00PM**
- Attended a Three Days Hands on Workshop on “Effective Utilization of Digital Platforms for Teaching and Learning Process” which will be conducted from 15th May 2020 to 17th May 2020 by VNRVJIET

- Attended a “Webinar on Research Workflows, Research Metrics & Excellence in Academic Institutes” co-organized by Elsevier and AICTE on 12th May at 9:30 AM
- Attended a webinar on "video conference tool for free software" on may 8th from 2to 3.30p.m
- Attended a panel Discussion on Lockdown period -Work Life balance conducted by IEEE on 2nd may from 5-6.30 P.M
- Attended a 6 day FDP on “BLOCKCHAIN STRATEGIC IMPORTANCE” Organized by CSE,VNRVJIET from 25th Nov to 30th Nov 2019
- Attended a Three-Day FDP On “Basic Linux Administration Latex and Mat lab training” 28th -30th June 2018 conducted by IT department,VNRVJIET
- Attended One day National workshop on Block Chain technologies on 22-6-2018 conducted by Ministry of Electronics and Information Technology ,India collaboration with CDAC Hyderabad at JNTUH
- Attended One day workshop on TCS Remote Internship Program on 5-1-2018 conducted by TCS at VNRVJIET
- Attended a 2 day workshop on Object oriented Analysis and Design(UML) by using Rational Rose Software on 19/12/2017 & 20/12/2017 conducted by IT department,VNRVJIET
- Attended a seminar on The Art of Teaching and Administrating the Students by Dr.Yandamuri Veerendranath on 13/12/2017 at VNRVJIET
- Attended a Motivational session by Principal Dr.C.D.Naidu on 12.10.2017 at VNRVJIET
- Attended one day national workshop on Human Values and Ethics on 13-07-2017 conducted by H&S department,VNRVJIET
- Attended 2 day national workshop on “Web application Development using Python” conducted by department of Information Technology on 4th and 5th April,2016
- Attended 2 weeks STTP on “Technical Communication for Scientists and Engineers “conducted by IITB from 8/10/2015 to 05/12/15.
- Attended two day workshop on “Applications of Computer Networks & Security” sponsored by TEQIP-II,organized by department of Information Technology and the department of EIE,VNRVJIET on 9th-10th of November,2015
- Attended 2 days workshop on Latest Technology and Trends conducted by TCS at VNRVJIET on 20th August, 2015 and 21st August ,2015
- Attended a one day workshop on “HPC code Modernization ”organized by the department of IT ,VNRVJIET in association with C-DAC and Intel corporation on 10th July,2015
- Attended 3 Days workshop on “Emerging trends in social media and mobile applications” conducted by VNRVJIET from 27-11-2014 to 29-11-2014.
- Attended 2 days International Conference on “Data SCIENCES” conducted by VNRVJIET from 26-02-2014 to 28-02-2014.
- Attended 1 day faculty development programme on “Digital Forensics & Information Security “conducted by TCS on 15-11-2013.
- Attended 15 days faculty development programme on “Recent Trends in Cloud Computing & Security “conducted VNRVJIET from 03-06-2013 to 15-06-2013.
- Attended 2 days workshop on “Program Design with Map code“conducted by VNRVJIET from 27-05-2013 to 29-05-2013.
- Attended 2 days workshop on “Creativity for Teaching “conducted by VNRVJIET from 28-02-2013 to 29-02-2013.
- Attended 3 days workshop on “Art of Teaching “conducted by VNRVJIET from 11-02-2013 to 13-02-2013.
- Attended 3 Days training program on” Train the Trainer” conducted by VNRVJIET from 7-11-08 to 9-11-08.
- Attended 2 day training program on microteaching on 20-04-2009 &21-04-2009 at VNRVJIET

- One day Training Program on “Leadership and Personal Quality Initiatives” conducted by the Training & Placement Cell in association with IIQ Systems Pvt. Ltd., Bangalore on 27-09- 2005.
- Two days Training program on “Latex” conducted by JNTU Hyderabad on 08-03-06&09-03-06.
- Day Training program on Micro Teaching conducted by NIT Warangal from 26-6-2005 to 30-06-2005.
- Attended 3 Days workshop on “Network Management Systems” conducted by VNRVJIET from 27-01-2011 to 29-01-2011.
- Attended 2 Days workshop on “Open Source Tools and Technologies” conducted by IIIT Hyderabad from 23-12-2009 to 24-12-2009
- Attended 12 Days workshop on “Certificate in Information Technology” conducted by IIIT Hyderabad from 09-12-2009 to 22-12-2009
- Attended a 1 Day workshop on “Virtualization Tools and Technologies” conducted by CDAC, Hyderabad on 07-11-2009
- Attended 2days workshop on “Data Warehousing and Mining” conducted by PVPSIT, Vijayawada on 07-01-06 & 08-01-06”. Dr. D.V. L. N. Somayajulu, NIT Warangal& Dr. S. Upendra Rao, SBI ICM, Hyderabad, were the resource persons in the Workshop.
- Attended A Workshop entitled “Free Software a carrier academic and research perspective” is organized by the JNTU Academic Staff College on 01st& 2nd April 2006.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

- Delivered a lecture in Webinar on “Cyber Security” organized by IT department, VNRVJIET in association with ACM student chapter

5.2. Articles/Chapters published in Books NIL

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

5.4. Projects Guided:

- UG: Guided 18 B.Tech projects in the area of Java and .Net, Cyber Security
- PG: Guided 6 M.Tech project in the area of Security

5.5. Research Interests: Cyber Security, Network security, Machine Learning algorithms and IOT.

5.6. Ph.D. students:

- Enrolled: NIL
- Submitted: NIL
- Awarded: NIL

5.7. Papers published in reviewed Journals/Conferences: 10

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International

1	Two-Layer Secure Mechanism for Electronic Transactions	2022 International Conference on Recent Trends in Microelectronics, Automation, Computing and Communications Systems (ICMACC) conducted By VNRVJIET from 28-30 December 2022	Electronic ISBN:978-1-6654-9604-9 Print on Demand(PoD) ISBN:978-1-6654-9605-6	IEEE-Scopus	International
2	A Design of Identity recognition(facial) system for smart home based on IOT.	Advances and Applications in Mathematical Sciences Volume 20, Issue 12, 2021, Pages 3257-3267 © 2021 Mili Publications, India	ISSN 0974-6803	0.221	International
3	Design And Development Of Multimodal Cyber Forensic System	Annals of the Romanian Society for Cell Biology	1583-6258		International
4	A Design of Identity recognition(facial) system for smart home based on IOT.	International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN -2020) held during December 28-29, 2020 organized by Department of Computer Science and Engineering, JNTU University,kakinada			International
5	Monitoring And Detection Of Unsecure Chats Over Social Media Using Machine Learning	4th National Conference on Advances in Information Technology and Computing, Dec 22-23 2020.			National

6	Detection of Cyber Attacks using Querable semantic based approach	IJRECE VOL. 7 ISSUE 1 (JANUARY- MARCH 2019)	ISSN: 2393-9028 (PRINT) ISSN: 2348-2281 (ONLINE)	4.305	International
7	Secure Verification Of Location Claims For Mobile Users	International Journal of Computer Sciences and Engineering, Volume5, Issue-11	E-ISSN: 2347-2693	2.638	International
8	Detection of Packet Losses in a Network by using collision method	International Journal of Innovative Research in Computer and Communication Engineering, Volume 4, Issue 10, October 2016	ISSN(Online): 2320-9801 ISSN (Print): 2320-9798	7.194	International
9	Multi Cloud Computing	IJERSS Vol-I, Issue-VI, June 2014	ISSN 2348 – 2400(Print) ISSN 2348 – 1404(Online)	0.621	International
10	Hybrid Algorithm for Privacy Preserving Association Rule Mining	Journal of Computer Science Volume 6, Issue 12 Pages 1494-1498	ISSN Print: 1549-3636 ISSN Online: 1552-6607		International

5.8. Papers presented at National / International Journals: 6

5.9. Sponsored research Projects: Nil

5.10 Consultancy Projects: Nil

6. Awards / Honors received:

- Awarded Best TCS project (Student)-2017
- Completed **Certified Ethical Hacker** From **EC-Council** with 91.2%.

7. Motto: Work is Worship

Practice makes man perfect

