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Academic Identity

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<https://scholar.google.com/citations?user=HD6HfeEAAAAJ&hl=en&authuser=1>

h-index: 4 (Scopus and Google Scholar)

Work Experience

- ✓ Working as **Associate Professor** in Department of Computer Science at “Central University of Tamil Nadu, Thiruvarur”, from 7th December 2023 to Till Date.
- ✓ Worked as **Professor** in Department of IT at “VFSTR Deemed to be University, Valdamudi”, from 4th July 2019 to 30th November 2023.
- ✓ Worked as **Associate Professor** in Dept. of IT at “VFSTR Deemed to be University, Vadlamudi” from 3rd October 2009 to 3rd July 2019.
- ✓ Worked as **Associate Professor** and **HOD of IT** at “Loyola Institute of Technology and Management, Sattenapalli”, affiliate to Jawaharlal Nehru Technological University Kakinada from 1st November 2008 to 30th September 2009.
- ✓ Worked as **Asst. Professor** in Dept. of IT at “Vignana’s Engineering College, Vadlamudi”, affiliate to Jawaharlal Nehru Technological University Kakinada from 21st June 2006 to 30st October 2008.
- ✓ Worked as **Lecturer** in Dept. of CSE at “Bapatla Engineering College, Bapatla”, affiliate to Acharya Nagarjuna University from 14th June 2003 to 29th April 2006.

Education

Name of Degree	Subjects	Overall Percentage	Year of passing	University/Institute
SSC	Maths, Physics, Chemistry, Social	64	1994	Govt. High School, Chebrolu
Intermediate	Mathematics, Physics, Chemistry	59	1996	Govt. Junior College, Chebrolu
B.Sc.	Mathematics, Physics, Computers	68	1999	Achary Nagarjuna University
M.Sc.	Computer Science	79	2001	Achary Nagarjuna University
M.Tech.	Information Technology	72.51	2003	Andhra University
Ph.D.	Computer Science and Engineering Thesis Title: Scalable and Resilient Key Management in Wireless Sensor Networks using Symmetric Matrix and Dynamic Session Key	-	2018	Jawaharlal Nehru Technological University, Kakinada, Andhra Pradesh

- UGC-NET Qualified in the year 2014, 2019.
- APSET Qualified in the year 2019
- GATE Qualified in the year 2000

Research Areas

- i) Compute Networks
- ii) Security in wireless sensor networks
- iii) Machine Learning, Medical Image Analysis using Deep Learning

Publications Summary

SCI / SCIE / ESCI / Scopus/Peer Reviewed Indexed Journal Publications: **37**

Book Chapters: **2**

International/National Conferences: **11**

Journal Publications

1. B.Premamayudu, “ Covid-19 Automatic Detection from CT Images through Transfer Learning”, International Journal of Image, Graphics and Signal Processing(IJIGSP), Vol.14. Issue 5 , PP 84-95, ISSN: 2074-9082 (Scopus) 2022
<https://www.mecs-press.org/ijigsp/ijigsp-v14-n5/v14n5-7.html>

2. **B.Premamayudu**, “**Traffic Sign Detection and Recognition Based on Convolutional Neural Network**”, International Journal on Recent and Innovation Trends in Computing and Communication, Vol.10 , Issue 4 , PP 43-53, ISSN: 2321-8169 (**Scopus**) **2022**
<https://ijritcc.org/index.php/ijritcc/article/view/5533>
3. Subba Rao Peram, B Tarakeswara Rao, Koduganti Venkata Rao, **B Premamayudu**, “**Performance Analysis of Hyperpipes In The Classification Of Large Datasets**”, Annals of the Romanian Society for Cell Biology, Vol. 25, Issue 4, PP 16780 – 16790, ISSN: 1583-6258. (**Scopus**) **2021**
<https://www.annalsofrscb.ro/index.php/journal/article/view/7089>
4. **B.Premamayudu**, B Tarakeswara Rao, Koduganti Venkata Rao Subba Rao Peram, “**Key Pre-Distribution Protocol for Node to Node for Wireless Sensor Networks**”, Annals of the Romanian Society for Cell Biology, Vol. 25, Issue 4, pp. 16769 – 16779, ISSN: 1583-6258. (**Scopus**) **2021**
<https://www.annalsofrscb.ro/index.php/journal/article/view/7088>
5. **B. Premamayudu**, Subba Rao Peram, “**Classification of Rules Induced by MODLEM via Boosting**”, Journal of Emerging Technologies and Innovative Research, Volume 8, Issue 5, ISSN: 2349-5162. 2021 (UGC care list)
6. Rajendra Babu Chikkala, B Tarakeswara Rao, Subba Rao Peram, **B Premamayudu**, “**Routing Metric for Cognitive Radio Networks**”, Design Engineering, Issue: 6, PP. 2279-2289, ISSN: 0011-9342, (**Scopus**) **2021**
<https://thedesigengineering.com/index.php/DE/article/view/2244>
7. Subba Rao Peram, **Premamayudu Bulla**, “**Blockchains: Improve the Scalability and Efficiency of Conventional Blockchain by Providing a Lightweight Block Mining and Communication Algorithm**”, Ingénierie des Systèmes d’Information, Vol. 25, No.6, PP. 737-745, ISSN: 1633-1311, (**Scopus**) **2021**
<https://www.iieta.org/journals/isi/paper/10.18280/isi.250604>
8. **Bulla Premamayudu**, Anantha Lakashmipathi, Peram Subbarao, “**Deep neural networks with transfer learning model for brain tumors classification**”, Traitement du Signal, Vol. 37, No. 4, pp. 593-601 ISSN:1958-5608. **SCIE Indexed (Impact Factor: 1.55)** **2020**
<https://www.iieta.org/journals/ts/paper/10.18280/ts.370407>
9. B Premamayudu, “**Object Detecting Model for Autonomous Car Driving UsingYOLOv3**”, International Journal of Advanced Science and Technology, Vol. 29, No. 3, (2020), pp. 10760 - 10765 ISSN: 2207-6360 (**Scopus Indexed**) **2020**
<http://serisc.org/journals/index.php/IJAST/article/view/27882>
10. D. Madhusudhana Rao, Subba Rao Peram, **B Premamayudu**, “**Analysis of Anonymity and Privacy of Crypto Currencies**”, International Journal of Advanced Science and Technology, Vol. 29, No. 3, (2020), pp. 10800 – 10813, ISSN: 2207-6360 (**Scopus Indexed**) **2020**
<http://serisc.org/journals/index.php/IJAST/article/view/27888>
11. Subba Rao Peram, Ramesh Babu Battula, **B. Premamayudu**, K. Praveen Kumar, “**N-Channel and N-Interface Spectrum Aware Routing Protocols: A Survey for Wireless Mesh Network**”, International Journal of Advanced Science and Technology, Vol. 29, No. 3, pp. 10814 – 10829, ISSN: 2207-6360 (**Scopus Indexed**) **2020**

<http://serisc.org/journals/index.php/IJAST/article/view/27893>

12. B Premamayudu, “**A survey on anomaly detection of Big data using Machine Learning Techniques**”, Journal of Critical Reviews, Vol.7 Issue18, Page No:2775- 2784, ISSN:2394-5125. **(Scopus Indexed) 2020**
13. Gayatri Ketepalli, **B. Premamayudu**, “**A survey on Intrusion Detection system using Deep Recurrent Neural Networks**”, International Journal of Advanced Science and Technology, Vol. 29, Issue 3, Page No:10113-10121, ISSN:2005-4238 **(Scopus Indexed) 2020**
<http://serisc.org/journals/index.php/IJAST/article/view/27051>
14. B.Premamayudu, “**An Advanced Discriminant Analysis Techniques across Distributed Health Care Systems**”, Journal of Critical Reviews, Vol.7, Issue 12, Page No:2307-2315, ISSN:2394-5125. **(Scopus Indexed) 2020.**
15. P. V. Nagavardhan, **B.Premamayudu**, “**Recent Trends in Hybrid Recommendation Systems in e-commerce Domain**”, International Journal on Emerging Technologies, Vol.11, Issue 4, page no:379-383, ISSN: 0975-8364. **(Scopus Indexed) 2020.**
<https://www.researchtrend.net/ijet/pdf/Recent%20Trends%20in%20Hybrid%20Recommendation%20Systems%20in%20ecommerce%20domain%20P%20V%20Nagavardhan%20268855.pdf>
16. B Premamayudu, “**Improved Emoji Identification for Sentence using LSTM in RNN**”, Journal of Critical Reviews, Vol 7 Issue 18, Page No: 385-393, ISSN-2394-5125 **(Scopus Indexed) 2020**
17. B Premamayudu, “**Rhythmic Synthesis Music Generation using LSTM in RNN**”, Journal of Xi'an University of Architecture & Technology, Vol.12, issue:5, Page No: 1321-1326, ISSN No: 1006-7930 **(Scopus Indexed) 2020**
18. B Premamayudu, “**The Home Security System which dependent on face Recognition**”, Journal of Xi'an University of Architecture & Technology, Vol.12, issue:5, Page No: 1573-1580, ISSN No: 1006-7930. **(Scopus Indexed) 2020**
19. Gayatri Ketepalli, B Premamayudu, “**Review on Generative Deep Learning Models and Datasets for Intrusion Detection Systems**”, Revue d'Intelligence Artificielle Vol.34, issue:2, April 2020 Page No: 215-226, ISSN No :0992-499x **(Scopus Indexed) 2020**
<https://www.iieta.org/journals/ria/paper/10.18280/ria.340213>
20. Theyyagura Mani Kanta Reddy, **Bulla Premamayudu**, “**Vehicle Insurance Model Using Telematics System with Improved Machine Learning Techniques: A Survey**”, Ingénierie des Systèmes d'Information, Vol. 24, No. 5, pp. 507-512, ISSN: 1633-1311. **(Scopus Indexed) 2019**
<https://www.iieta.org/journals/isi/paper/10.18280/isi.240507>
DOI:<https://doi.org/10.18280/isi.240507>
21. **Bulla Premamayudu**, Peram Subbarao, Koduganti Venkata Rao, “**Improved Artistic Images Generation Using Transfer Learning**”, Revue d'Intelligence Artificielle, Vol. 33, No. 4, pp. 299-304, ISSN: 0992-499X, **(Scopus Indexed) 2019**
DOI: <https://doi.org/10.18280/ria.330406>
<https://www.iieta.org/journals/ria/paper/10.18280/ria.330406>
22. **B.Premamayudu**, Leela Priya Inturu, Dr. Gajula Ramesh, “**New Reliability Routing Path for Detects Malicious Link**”, Ingénierie des Systèmes d'Information, Volume-24, Issue-2, pp. 197-200, ISSN: 1633-1311. **Scopus Indexed (Impact Factor: 0.409) 2019**
<https://www.iieta.org/journals/isi/paper/10.18280/isi.240211>
23. **Premamayudu B**, Dr. K. Venkata Rao and Dr. P. Subbarao, “**Identification of Natural Disaster Affected Area Precise Location Based on Tweets**”, International Journal of

Innovative Technology and Exploring Engineering (IJITEE), Volume-8 Issue-6, pp. 119-123, ISSN: 2278-3075. **Scopus Indexed 2019** (Impact Factor: 5.54)

<https://www.ijitee.org/wp-content/uploads/papers/v8i6/F3414048619.pdf>

24. **Premamayudu B**, Dr. K. Venkata Rao and Dr. P. Suresh Varma, “**A Key Pre-Distribution Protocol for Node to Node and Group Communication in Wireless Sensor Networks using Key Pool Matrix**”, Int. J. Advanced Intelligence Paradigms, Accepted in 2018, ISSN: 1755-0394, in press. **Scopus Indexed** (Impact Factor: 1.538)
25. **Premamayudu B**, Dr. K. Venkata Rao and Dr. P. Suresh Varma, “**Dynamic Session Key based Pairwise Key Management Scheme for Wireless Sensor Networks**,” KSII Transactions on Internet and Information Systems, vol. 10, no. 12, pp. 6159-6178, ISSN: 1976-7277. **SCIE Indexed (Impact Factor: 0.365) 2016**
DOI: 10.3837/tiis.2016.12.024,
<https://www.itiis.org/digital-library/manuscript/1557>
26. Ch.SivaKoteswarao, Krishna Prasad A.V, **Premamayudu B**, Vinod. M, Kim. H.J “**Acquiring business intelligence through temporal mining of smart meter data**”, International Journal of Software Engineering and its Applications, Volume 10, Issue 9, Pages 141-148, ISSN: 1738-9984. **Scopus Indexed 2016**
http://www.sersc.org/journals/IJSEIA/vol10_no9_2016/12.pdf
27. **B. Premamayudu**, K.Venkatarao, P. Suresh Varma, “**A Scalable and Resilient Dynamic Key Management Scheme for Wireless Sensor Networks**”, International Journal of Control Theory and Applications, Vol.9, No.7, ISSN 0974-5572. **Scopus Indexed (Impact Factor: 0.53) 2016**
https://serialsjournals.com/abstract/39453_11-premayudu_b..p.pdf
28. **B. Premamayudu**, K.Venkatarao, P. Suresh Varma, “**A Matrix Based Key Management & Establishment Scheme in Heterogeneous Wireless Sensor Networks (HWSN)**” International Journal of Applied Engineering Research, Volume 10, Number 55, pp. 415-419, ISSN 0973-4562 **Scopus Indexed 2015**
29. **B. Premamayudu**, K.Venkatarao, P. Suresh Varma, “**A Key Management & Establishment Scheme in Heterogeneous Wireless Sensor Networks (HWSN)**”, International Journal of Applied Engineering Research, Volume 9, pp. 6813-6821, ISSN 0973-4562 **Scopus Indexed 2014**
30. **B. Premamayudu**, A. Raghu Nath, P.Subbarao, D.Nagabhushanam, “**An efficient data hiding using Hexadecimal Sudoku for Steganography**”, Journal of Theoretical and Applied Information Technology, Volume 64, No. 2, June 2014, ISSN:1817-3195(online),1992-8645(print) Impact factor 1.71 **Scopus Indexed**
31. **B. Premamayudu**, K.Venkatarao, P. Suresh Varma, “**Dynamic key establishment and management to improve the scalability in heterogeneous sensor networks (HSN)**”, International Journal of Scientific & Engineering Research, 4 Issue 12, Dec. 2013, pp-720-723, ISSN: 2229-5518.
32. K Praveen Kumar, **B Premamayudu**, And D Nagabhushanam “**A Dynamic Session Key Generation Method to Secure Data Routing In Heterogeneous Sensor Networks**” **International Journal of Mobile & Adhoc Network**, Volume: 3, Issue: 4, pp – 275 to 260, November 2013.

33. K. Praveen Kumar, **B. Premamayudu**, P. Subba Rao “Secured Resource Accessing Through VPN Technology”, **International Journal of Computer Science and Technology**, Volume: 4 Issue: SPL-4, pp – 239-241, Oct. 2013, ISSN: 0976-8491 (online), ISSN: 2229-4333 (Print).
34. **B. Premamayudu**, K.Venkatarao, P. Suresh Varma “A New Pre Key Distribution in Wireless Sensor Networks”, **International Journal of Computer Science and Technology**, Volume: 4 Issue: SPL-4, pp – 277-279, Oct. 2013, ISSN: 0976-8491 (online), ISSN: 2229-4333 (Print).
35. **B. Premamayudu**, A. Raghu Nath “Secure Routing protocol for multi hop wireless networks”, **International journal of computer Technology and Applications**, vol. 02, pp 1703-1708, June, year 2011, ISSN: 2229-6093.
36. **B. Premamayudu** “Fault – Tolerant and Recovery in Dynamic Heterogeneous Grid Computing”, **International journal of Research and Reviews in ad hoc Networks**, Vol. 1 No.2, pp 67-69, June 2011, ISSN: 2046-5106.
37. **B. Premamayudu**, K. Venkata Rao, “Steganography using hexa Sudoku puzzle in color images”, **International journal of computer network security**, vol. 2, January 2011. ISSN: 0975-8283.

Book Chapters

1. Gayatri, K., Premamayudu, B., Yadav, M.S. (2021). A Two-Level Hybrid Intrusion Detection Learning Method. In: Bhattacharyya, D., Thirupathi Rao, N. (eds) Machine Intelligence and Soft Computing. vol 1280. Springer, Singapore.
https://doi.org/10.1007/978-981-15-9516-5_21
2. Premamayudu, B., Rao, K.V., Varma, P.S. (2014). A Novel Pairwise Key Establishment and Management in Hierarchical Wireless Sensor Networks (HWSN) Using Matrix. In: Satapathy, S., Avadhani, P., Udgata, S., Lakshminarayana, S. (eds) ICT and Critical Infrastructure: Proceedings of the 48th Annual Convention of Computer Society of India- Vol I. Advances in Intelligent Systems and Computing, vol 248. Springer, Cham.
https://doi.org/10.1007/978-3-319-03107-1_46

International Conferences

1. **Aswadhati Sirisha, B. Premamayudu**, “A Brief Analysis on Efficient Machine Learning Techniques for Intrusion Detection Model to Provide Network Security”, 2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023, ISBN: 978-1-6654-9199-0. (IEEE Conference) 2023, 23rd -25th March 2023.
Shree Venkateshwara Hi-Tech Engineering College, Erode, India
<https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=10105087>
2. **Gayatri Ketepalli, B. Premamayudu**, “Data Preparation and Pre-processing of Intrusion Detection Datasets using Machine Learning”, 2023 International Conference on Inventive Computation Technologies (ICICT), ISBN: 979-8-3503-9850-2. (IEEE Conference) 2023, 26th-28th April 2023. Tribhuvan University, Pulchowk Campus, Lalitpur, Nepal.
<https://ieeexplore.ieee.org/document/10134025>

3. **Gayatri Ketepalli, B. Premamayudu**, “Feature Extraction using LSTM Autoencoder in Network Intrusion Detection System”, Proceedings of the 7th International Conference on Communication and Electronics Systems (ICCES 2022), ISBN: 978-1-6654-9633-9. (IEEE Conference) 2022, 22nd to 24th June 2022.
PPG Institute of Technology, Coimbatore, Tamil Nadu, India
<https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9835788>
4. **B. Premamayudu**, “Cloud data search and verification using order processing encryption”, International conference on computational intelligence & data engineering (ICCIDE-2018), organized by department of Information Technology, 28th and 29th September, 2018.
VFSTR Deemed to be University, Vadlamudi, Guntur, India.
5. **B. Premamayudu, K. Venkata Rao, P. Suresh Verma**, “A Matrix Based Key Management & Establishment Scheme in Heterogeneous Wireless Sensor Networks (HWSN)”, International Conference on Advances in Applied Engineering & Technology-2015 (ICAAET-2015) May 14-16, 2015.
Syed Ammal Engineering College, Ramanathapuram, Tamilnadu, India.
6. **B. Premamayudu, K. Venkata Rao, P. Suresh Verma**, “A Symmetric Matrik – based Key Establishment Scheme in Heterogeneous Wireless Sensor Networks”, **Fifth International Conference on Advances in Communication, Network and Computing**, pp.88-96, 21th -22th Feb. 2014, ISBN:978-81-910691-78
Association of Computer Electronics and Electrical Engineers (ACEEE), India

No. of Papers Presented in National Conferences: 5

1. **B.Premamayudu**, “Object Detecting Model for Automation Car Driving Using YOLOv3”, National Conference on recent advances in information technology, organized by department of information technology, VFSTR Deemed to be University, 30th and 31st August 2019.
2. **B. Premamayudu, K. Venkata Rao, P. Suresh Verma**, “A New Pre Key Distribution in Wireless Sensor Networks” **National Conference on Research Issues and Recent Trends In Computer Science and Information Technology**, December 27-28, 2013.
3. **B. Premamayudu, K. Venkata Rao, P. Suresh Verma**, “A Key Management & Establishment Scheme in Heterogeneous Wireless Sensor (HSN) Networks using Matrix ”, **National Conference on Advances in Computing and Networking**, 6th & 7th December, 2013.
4. **K. Praveen Kumar, B. Premamayudu, D. Nagabhushanam**, “A Study on trust management in wireless sensor network”, **National Conference on Advances in Computing and Networking**, 6th & 7th December 2013.
5. **K. Venkata Rao, P. Subba Rao, B. Premamayudu**, “A study on emotional Recognition of English Speech”, Artificial Intelligence & Applications, 10th & 11th December 2019.

Invited Lectures

1. Object Detection using YOLO in National Workshop on “Computational Intelligence using Machine Learning”, Central University of Tamil Nadu, 27th March, 2024
2. Technologies behind IoT, NITTR Chennai, 15th February, 2024.
3. Convolutional Neural Networks, Malla Reddy Engineering College, Hyderabad, 08 December 2020

Memberships/Fellowships in Professional Bodies

1. Institution of Electrical and Electronics Engineers (IEEE) Member: #99894463
2. Indian Society of Technical Education (ISTE): Life Member: #LM60898

Teaching

Central University of Tamil Nadu:

Year	Semester	Name of the Course	Section	Pass%
2024	II (Jan to May)	Theory of Computation	I M.Sc.(CS)	-
2024	II (Jan to May)	Cyber Security	II Integrated MA Economics	-
2024	II (Jan to May)	Cyber Security	II Integrated MPA Music	-
2024	II (Jan to May)	Research Methodology	Ph.D in Computer Science	-

Vignan’s University:

Academic Contributions: (2014 to 2021)

Year	Semester	Name of the Course	Section	Pass %
2023	I (July to Dec.)	Computer Networks	III B.Tech.(IT)	98
2023	II (Jan to May)	Machine Learning	III B.Tech.(IT)	97
2022	I (July to Dec.)	Data Structures	I MCA	100
		Data Communications and Networking	III B.Tech.(IT)	92
2022	II Jan. to May	Computer Networks	I MCA	94
		Operating Systems	II B.Tech. (IT)	95
2021	I (July to Dec.)	Data Communications and Networking	III B.Tech.(IT)	94
2021	II (Jan. to May)	Operating Systems	I MCA	98
		Data Structures	II B.Tech. B	97
2020	I (July to Dec.)	Operating Systems	III B.Tech. A	98
		Operating Systems	III B.Tech. B	97

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		Programming Through Python	I MCA	100
2020	II (Jan. to May)	Object Oriented Programming through JAVA	III B.Tech A	100
		Human Computer Interaction	MCA	100
2019	I (July to Dec.)	Operating Systems	III B.Tech A	100
		Operating Systems	III B.Tech B	100
2019	II (Jan. to May)	Computer Networks	III B.Tech A	100
		Computer Networks	III B.Tech B	100
		Python Programming	II M.Tech.	88.89
2018	I (July to Dec)	Operating Systems	III B.Tech. A	100
		Operating Systems	III B.Tech B	96.94
		Operating Systems	II MCA	96.15
2018	II (Jan. to May)	Python Programming	I M.Tech	96.30
		Python Programming	II B.Tech. B	98.11
		Operating Systems	II BCA	81.82
2017	I (July 2018 to Nov. 2018)	Web Technologies	II B.Tech A	100
		Web Technologies	II B.Tech B	100
		Operating Systems	III B.Tech	87.50
2017	II (Dec. 2017 to May 2018)	FLAT	III B.Tech A	80
		FLAT	III B.Tech	80
		Operating Systems	II BCA	86.36
2016	I (July 2016 to Nov. 2016)	OOPS	II B.Tech A	85.71
		OOPS	II B.Tech(BT)	91.11
		OOPS	II B.Tech(ECE)	89.47
		Operating Systems	III B.Tech	90.00
		Operating Systems	II MCA	100.00
2016	II (Dec. 2016 to May 2017)	HCI	II MCA	100.00
		Data Structures	I BCA	95.83
		Data Structures	I MCA	100.00
2015	I (July 2015 to Nov. 2015)	Network Security	I B.Tech(4S)	94.03
		Network Security	I B.Tech(3S)	98.44
		MOT	III MCA	100.00
		Operating Systems	III B.Tech	97.06
2015	II (Dec 2015 to May 2016)	Middleware Technology	IV B.Tech	100.00
		FLAT	II B.Tech	65.00
		Middleware Technology	III B.Tech	90.91
2014	I (July 2014 to Nov 2014)	Network Programming	IV B.Tech	90.57
		Network Security	I B.Tech(BI)	75.00
		Network Security	I B.Tech(EEE)	80.59
		OOP	II B.Tech	69.70
2014	II Dec. 2014 to May 2015	Network Security	I B.Tech(10S)	98.18
		Network Security	I B.Tech(11S)	96.67
		Data Structures	II B.Tech	95.45
		Data Structures	II B.Tech	100.00

Administrative Rolls & Responsibilities

Bapatla Engineering College: Dept. of CSE

- NBA (National Board of Accreditation) Work In-Charge (Proposal and File preparation)
- Timetable In-Charge
- World Bank Networking College Committee Member (TEQIP)

VFSTR Deemed to University: Dept of IT

- Member of department Board of Studies from 2009 to till date
- Department Board of Academic Member from 2016 to till date
- Associate Dean for Training and Placement from 2016 to 2017
- Department curriculum development coordinator for B.Tech.(R10, R13, R16, R19, R21), MCA (R18, R20) and BCA (R18, R21)
- NBA (National Board of Accreditation) In-charge
- IT lab In-Charge (Infrastructure and Maintenance from 2006 to 2017)
- Anti-Ragging Committee Member (2010-2017)
- NAAC Work In-Charge (Proposal and File preparation from 2010 to 2017)

Best Teacher Award:

1. Letter of Commendation for 100% results at VFSTR Deemed to be University, Vadlamudi.
2. Securing an overall performance rating of **96.02** in the year 2009-2010 at VFSTR Deemed to be University, Vadlamudi.
3. Securing an overall performance rating of **95.65** in the year 2007-2008 at Vignan's Engineering College, Vadlamudi.

Miscellaneous Information

MOOC Courses Completed: 22

S.No.	Title of the Course	University/ Consortium	Date of Completion
1	Cloud Computing	NPTEL-SWAYAM	February-April 2021
2	Real Time Operating Systems	NPTEL-SWAYAM	February-March 2021
3	Block Chain Technologies and Its Applications	NPTEL-SWAYAM	February-April 2021
4	Design and Pedagogy of the Introductory Programming Course	NPTEL-SWAYAM	February-March 2020
5	Python for Data Science	NPTEL-SWAYAM	January-February 2020
6	AI for Medical Diagnosis	Coursera Deeplearning	26 th November 2020
7	Natural Language Processing in TensorFlow	Coursera Deeplearning	9 th May, 2020
8	Convolutional Neural Networks in TensorFlow	Coursera Deeplearning	19 th May, 2020

Profile

9	Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning	Coursera Deeplearning	13 th May, 2020
10	Convolutional Neural Networks	Coursera Deeplearning	13 th September, 2019
11	Structuring Machine Learning Projects	Coursera deeplearning	15 th June, 2019
12	Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization	Coursera deeplearning	14 th June, 2019
13	Neural Networks and Deep Learning	Coursera deeplearning	9 th June, 2019
14	How Google does Machine Learning	Google Cloud	25 th May, 2019
15	Interfacing with the Raspberry Pi	University of California, Irvine	25 th May, 2018
16	Using Databases with Python	University of Michigan	11 th March, 2016
17	Capstone: Retrieving, Processing, and Visualizing Data with Python	University of Michigan	26 th April, 2016
18	Using Python to Access Web Data	University of Michigan	5 th March, 2016
19	Python Data Structures	University of Michigan	15 th February, 2016
20	Programming for Everybody (Getting Started with Python)	University of Michigan	22 nd January, 2016

No. of workshops/FDPs/Training programmes attended: 36

S.No.	Title	Organization Name	Conducted Dates
1.	Guidance to Faculty aspiring to do Doctorate in Computer Science	G.Narayanamma Institute of Technology & Science	16 th July 2005
2	J2EE & Web Technologies	Vignan's Engineering College	8 th -9 th September, 2007
3	Faculty Development Program on IBM Tools	Sri Venkateswara College of Engg. & Tech.:Chittoor	24 th -26 th September, 2007
4	System Security to Computer Professionals	Vignan's Engineering College	21 st & 22 nd July, 2008
5	Cluster Computing with Linux	Vignan's Engineering College	11 th & 12 th August, 2008
6	Artificial Intelligence and Applications	GMR Institute of Technology	10 th & 11 th December, 2009
7	Cryptography & Network Security	IUCEE & Vignan University	12 th to 16 th July, 2010

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8	Advances in Computer Vision	IUCEE & Vignan University	25 th to 29 th July, 2011
9	Agile Methodologies-SCRUM Method	Vignan University	25 th November, 2011
10	Foundations of Efficient Software Development	IIT Hyderabad	17 th to 24 th December, 2011
11	Information Security	Vignan University	23 rd to 28 th January, 2012
12	Data Mining	Vignan University	7 th to 11 th July, 2012
13	Anti-Plagiarism Software-Turnitin	JNT University Kakinada	14 th July, 2012
14	Wireless Sensor Network Applications for Environmental Monitoring	Andhra University College of Engineering	25 th & 26 th March, 2013
15	Research Methodologies	JNT University, Kakinada	1 st to 15 th May, 2013
16	Intellectual Property Rights and Patents	JNT University, Kakinada	16 th to 30 th May, 2013
17	Cloud Computing and Applications	Vignan's University	7 th -9 th March, 2014
18	Linux Internals	Vignan's University	27 th to 29 th April, 2014
19	Machine Learning	Vignan's University	7 th to 12 th July, 2014
20	Two Day Workshop on Stress Management	VFSTR Deemed to be University	06 th to 07 th February, 2015
21	One Week Workshop on Big Data & Hadoop	VFSTR Deemed to be University	29 th April to 3 rd May, 2015
22	Faculty Improvement Program (FIP) on Google Android Developer Fundamentals	Andhra Pradesh State Skill Development Corporation	7 th to 11 th November, 2016
23	One week Workshop on Android Application Development	VFSTR Deemed to be University	2 nd to 8 th December, 2016
24	DST Sponsored Three Day National Workshop on Data Science Research	Department of Computer Science & Engineering, VFSTR Deemed to be University and Vignan's Lara Institute of Technology	18 th to 20 th March, 2017
25	Current Trends in CSE & IT Which are Applicable in Project Write-up	VFSTR Deemed to be University	23 rd February, 2018
26	Faculty Development Programme on Pattern Recognition, Machine Learning and Computer Vision Applications using MATLAB with Hands-on Training	VFSTR Deemed to be University	7 th to 11 th May, 2018

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27	Learner Centric Methods & Outcome Based Learning	National Institute of Technical Teachers Training and Research, Bhopal	28 th May to 2 nd June, 2018
28	One Week Faculty Development Programme on Artificial Intelligence and Machine Learning	Malaviya National Institute of Technology Jaipur	17 th to 21 st December, 2018
29	Outcome Based Education (OBE): COs, POs, PSOs, PEOs Mapping & Attainment	National Institute of Technical Teachers Training and Research Chandigarh	23 rd to 24 th February, 2018
30	One-week Faculty Development Programme on Deep Learning and Applications	Electronics & ICT Academies	27 th to 31 st May, 2019
31	One-week Faculty Development Programme on Advancements in Signal Processing & Optimization Techniques	Electronics & ICT Academies	3 rd to 6 th June, 2019
32	DST Sponsored Three Day National Seminar on Advanced Technologies in Wireless Sensor Networks	Department of Electronics and Communication Engineering, DVR & DrHS MIC College of Technology, Kanchikacherla, Krishna Dist, AP	13 th to 15 th June, 2019
33	DST Sponsored 5-Day National Workshop for Faculty on Cyber Security, Cryptanalysis and Security for Physical Infrastructure	Department of Information Technology, VFSTR Deemed to be University, Vadlamudi, AP	20 th to 24 th June, 2019
34	DST Sponsored 5-Day National Workshop for Faculty on Internet of Things	Department of Information Technology, VFSTR Deemed to be University, Vadlamudi, AP	28 th August to 1 st September, 2019
35	Blockchain Technologies	Gudlavalleru Engineering College, Gudlavalleru	9 th to 13 th June 2020
36	Online Training Programme on Digital Tools for Writing, Authoring and Reviewing Manuscripts	Electronics & ICT Academies IIT Guwahati, NIT Patna, MNIT Jaipur, IIT Kanpur, IIITDM Jabalpur & IIT Roorkee	July 12 - 23, 2021
38	Implementing NEP-2020 Through R-22 (regulations)	Academy for Faculty Development, VFSTR Deemed to be University, Vadlamudi	July 11-16, 2022



(PREMAMAYUDU.B)