

PERSONAL PROFILE

Tanguturi Naga Lakshmi

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Cell : 9885515940



PROFESSIONAL EXPERIENCE

- ✓ Working as Lecturer in the Department of Computer Science in SWRGDC for Girls, Kanchikacherla, NTR Dist from 16.09.2021 to till date

ACADEMIC CHRONICLE

- ✓ M.Tech (CSE) in Sri Venkateswara Institute of Science and Technology (Affiliated to JNTU) with **85%**, Kadapa (Dist).
- ✓ B.Tech (CSE) in KSRM (Affiliated to SVU) with **77%**, Kadapa (Dist).
- ✓ Inter(MPC) in New Vikram Junior College with **92.8%**, placed at Pulivendula, Kadapa (Dist).
- ✓ SSC (10th) in the Little Flower E.M High School with **85%**, Kadapa (Dist).

Journals

1. **T. Naga Lakshmi, S.Jyothi (2022), "A Novel Scheme of image encryption and machine learning- Training the network with encrypted images", Mathematical statistician and engineering applications, ISSN:2094-0343,2326-9865, SCI**
2. **T. Naga Lakshmi, S.Jyothi (2022) "Image Encryption using sub matrix Substitution Cipher Techniques", Child Studies in Asia-Pacific Context(CSAC), Volume-12, ISSN:2288-601X, Feb 2022**
3. **T. Naga Lakshmi, S.Jyothi, Dr M Rudra Kumar (2021), "Image Encryption algorithms using Machine Learning and Deep Learning Techniques- A Survey", Modern approaches in machine learning and cognitive Science: walkthrough studies in computational intelligence, vol 956. Springer, ISBN:978-3-030-68290-3**
4. **T. Naga Lakshmi, S.Jyothi (2020), "Performing image compression and decompression using matrix substitution technique", Advances in Computational and bio engineering, Learning and analytics in intelligent systems, vol.5 Springer,ISBN:978-3-030-46938-2**

5. **T Naga Lakshmi** and Prof S. Jyothi, “*Cryptographic Algorithms- Issues on Recent Trends*”, International Journal of Innovative Research and Advanced Studies, Volume 5 Issue 7 &, July, 2018. ISSN: 2394-4404
6. **T Naga Lakshmi** and Prof N Janaki, “*Deep Learning Based Detection And Recognition Of Objects using Mobile Nets and SSDs*”., International Journal of Academic Research and Development, Volume 3 Issue 2, March-April, 2018. ISSN: 2455-4197, Impact Factor: RJIF 5.22
7. **T Naga Lakshmi** and Dr A Subramanyam, “*An Overview of Cryptography Requirement in IoT Environment*”, International Journal of Computer Science Trends and Technology, Volume 5 Issue 3 &, May 2017. ISSN: 2347-8578 & ISO 3297:2007
8. **T Naga Lakshmi**, B.Lakshmi Narayana Reddy, B. Shiva Vishnu Mohan Reddy, “*Fast and Secure Image Transmission using Enhanced Polygram Substitution Cipher with Huffman Compression Technique*”, International Journal of Innovative Research and Studies, Volume 2 Issue 9 , September, 2013. ISSN: 2319-9275

Conferences

1. Presented a paper on “Image Encryption Algorithms using Machine Learning and Deep Learning Techniques-A Survey”, International Conference on Cybernetics, Cognition, and machine learning applications, 29th- 30th August 2020, Goa, India.
2. Presented a paper on “A survey on Image Encryption Algorithms using deep Learning Techniques” in Virtual national Conference on artificial intelligence – current trends & applications organized by Sri Padmavathi Mahila Visvavidyalayam , Tirupati, 27th-28th March 2020
3. T Naga Lakshmi and Prof S. Jyothi, “Performing Image Compression and Decompression using Matrix Substitution Technique”, International Conference On Computational And Bio Engineering, organized by Department of Computer Science, Sri Padmavathi Mahila Visvavidyalayam , Tirupati, 27-28 December 2019
4. Attended the Conference and Presented a paper titled “Image Compression and Decompression Using Matrix Adaptation Technique” conducted by Andhra Pradesh Science Congress-2018 on Integrating Science and Society for Global Sustainability, held at Yogi vemana university during 9-11 November 2018
5. Attended Elsevier International Conference on Recent Trends in Computing, Communication and Networking Technologies, and presented a paper entitled “Enhanced Substitution Cipher Technique for Image Encryption” organized by Kings Engineering College, held on October 18-19,2019 and got best paper award.

6. Attended the Conference and Presented a paper titled “An Enhanced tool: Image Encryption using Sub matrix Substitution Cipher “conducted by SASTRA Deemed University, Thanjavur, International Conference on Discrete Mathematics & Data Sciences, September 28th and 29th 2018
7. T Naga Lakshmi and Prof S. Jyothi, “Security Issues in Online Assessment through ELearning”, National Conference on Quality Assurance & Quality Enhancement in Higher Education, organized by Department of Computer Science, Sri Padmavathi Mahila Visvavidyalayam, Tirupati, 23-24 February 2018.

Faculty Development Programmes / Workshops Attended

Twelve Week

1. Twelve Weeks NPTEL-MOOC Faculty Development Programme on “Programming in Java” organized by IIT, Kharagpur, AICTE, Jan-April 2019

Two Week

1. A Two-week AICTE approved Faculty Development Programme on “Big Data Analytics and Machine Learning” organized by AITS, Rajampet, 18th – 30th December 2019.

One Week

1. Participated 5 day Residential Faculty Induction Programme held at Acharya Nagarjuna University, 29.06.2022 to 03.07.2022
2. Participated one week online FDP on “emerging trends in AI” by bhimavaram institute of Engineering and technology, 25-31 may 2022
3. Participated 5 day online FDP on “examination reforms-outcome based teaching, learning and assessment strategies”, 25.04.2022 to 29.04.22
4. One Week Faculty Development Programme on “Artificial Intelligence with IBM Watson” organized by AITS, Rajampet, 2nd – 7th December 2019.
5. One Week Hands-on workshop on “Machine Learning Algorithms and Smart Application” organized by SPMVV, Tirupati AITS, 25th – 30th January 2019.

Two Day

1. A Two-Day National Level Workshop on “Research Challenges in Digital Image Processing” organized by YSR Engineering College, Sponsored by UGC, NewDelhi, 7-8 March 2015.

One Day

1. Participated one day online national research program on “perfecting a research draft” 25.04.2022
2. Participated online quiz on William Shakespeare 23.05.2022
3. Participated one day national level FDP at SRR &CVR Govt Degree College, 06.05.2022
4. Participated one day webinar on “**Data Privacy and social media safety**” by cyber peace foundation on 17th Mar 2022

PERSONAL DETAILS

Name	: T.Naga Lakshmi
Father's name	: T.Venkatesu
Date of Birth	: 04-10-88
Sex	: Female
Marital Status	: Married
Nationality	: Indian
Languages	: English, Telugu and Hindi

(T. Naga Lakshmi)