

SHAIK SALMA BEGUM

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RESIDENTIAL ADDRESS:

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ACADEMIC QUALIFICATIONS: B. Tech (CSE), M.Tech (CSE),(Ph.D).

PROFESSIONAL EXPERIENCE:

Designation	Institution	Period
Asst. Professor	Gudlalleru Engineering College	22-11-2008 to Till date
Asst. Professor	Koneru Lakshamaiah College of Engineering	22-10-2007 to 20-10-2008

PROJECTS GUIDED:

PhD	Post Graduation	Under Graduation
NIL	6	26

SPECIALIZATION:

Image Processing, Machine Learning

RESEARCH PAPERS/BOOKS:

BOOKS PUBLISHED: NIL

PAPERS PUBLISHED IN JOURNALS: 15

- 1) Shaik Salma Begum et al. “**Detection of Face Mask from the Live Video, Using CNN**”, Journal of Emerging Technologies and Innovative Research (JETIR), June 2021, Volume 8, Issue 6.

- 2) Shaik Salma Begum et al. "**Detection of Fraud Apps using Sentiment Analysis**", The International journal of analytical and experimental modal analysis, Volume XII, Issue VI, June/2020.
- 3) Shaik Salma Begum et al. "**Vehicle Number Plate Detection**", Juni Khyat Journal, Vol-10, Issue-5, 2020 (UGC-CARE).
- 4) Shaik Salma Begum et al. "**Improved Picture Diagram for Visual Reranking to Peculiarity Preoccupation with Improved Image Graph**", The International Journal Of Analytical And Experimental Modal Analysis, Vol-12, Page No.332-341, 2020.
- 5) Shaik Salma Begum et al. "**A Review of Current Methods in Medical Image Segmentation**", International Journal of Computer Sciences and Engineering, Vol-7, Page No.67-73, 2019.
- 6) Shaik Salma Begum et al. "**Restorative Image Contrast Enhancement Utilizing Range Limited Weighted Histogram Equalization**", JASC: Journal of Applied Science and Computations, Vol-5, Page No.796-808, 2018.
- 7) Shaik Salma Begum et al. "**Medical Image Fusion based on QDFT and Curvelet Transform**", International Journal of Innovative Technology and Research (IJITR), Vol-5, Issue-3, Page No.6085-6088, May 2017.
- 8) Shaik Salma Begum et al. "**An Optimization Technique for Brain Tumor Recognition**", International Journal of Computer Science and Information Security", Vol 4, No 6, June 2016, Scopus Indexed, Impact Factor :0.553
- 9) Shaik Salma Begum et al. "**A Novel Entropy based Denoising algorithm on color Videos**", International Journal of Engineering Trends and Technology (IJETT), Volume-29 Number-, November 2015
- 10) Shaik Salma Begum et al. "**Segmentation of MR images for Tumor extraction by using clustering algorithms**", International Journal of Computer Science and Information Technologies (IJCSIT), Volume-6(2), Page No: 1248-1252, 2015. Impact Factor: 2.93
- 11) Shaik Salma Begum et al. "**An Adaptive MRI Tumor Detection using neural network based Adaboost Algorithm**", International Journal of Computer Science and Information Technologies (IJCSIT), Volume-6(1), Page No: 42-47, 2015. Impact Factor: 2.93
- 12) Shaik Salma Begum et al. "**Robust Watermarking Framework with DCT Based Encryption**" in International Journal of Computer Trends and Technology (IJCTT) – volume 5 number 5 – Nov 2013
- 13) Shaik Salma Begum et al. "**A Novel Based Fuzzy Clustering Algorithms for Classification Remote Sensing Images**" in International Journal of scientific Research & Engineering , Volume 4, Issue 6, May 2013
- 14) Shaik Salma Begum et al. "**Intrusion Detection by Implementing CRF's Using the Technique of Layered Approach**" in International Journal of Scientific Research (IJSR), Feb 2013
- 15) Shaik Salma Begum et al. "**Application Layer Based Packet Analysis And Intrusion Detection**" in International Journal of Engineering Trends and Technology- Volume3, Issue4- 2012.

PAPERS PRESENTED & PUBLISHED IN CONFERENCES: 01

- 1) Shaik Salma Begum et al. “**Mixed Noise Reductions in Microarray Images Using Wavelet Thresholds**” at International Conference on Computing Sciences(ICCS) on 16th November 2013.

LIST OF CERTIFICATIONS DONE:

- ❖ Successfully completed the Huawei certification requirements and recognized as a “**Huawei Certified Academy Instructor**”.
- ❖ Received certificate of appreciation for successful completion of Quiz on “Operating System” conducted by Bharathi Vidyapeeth’s College of Engineering, Pune.
- ❖ Received certificate of appreciation for successful completion of Quiz on “Python with Machine Learning” conducted by Narasaraopeta Engineering College, Guntur.
- ❖ Received certificate of appreciation for successful completion of Quiz on “Programming Languages” conducted by Andhra Loyala Institute of Engineering and Technology, Guntur.

LIST OF WORKSHOPS ORGANIZED:

- ❖ Organized Two-day coding contest “ **TEKHACK-2019**” at Gudlavalleru Engineering College from 24th-25th July 2019.
- ❖ Organized Three-week Workshop on “**Artificial Intelligence, Machine Learning with Python**” at Gudlavalleru Engineering College from 6th to 25th May 2019.
- ❖ Organized One-week Training Program on “**Data Science & Big Data Analytics**” at Gudlavalleru Engineering College on 7th-11th May 2018 and 21st to 25th May 2018.
- ❖ Organized One-week Training Program on “**Cloud Infrastructure & Services**” at Gudlavalleru Engineering College on 7th-11th May 2018 and 21st to 25th May 2018
- ❖ Organized Three-day Workshop on” **Cyber security & Ethical Hacking**” at Gudlavalleru Engineering College on 23th-25th March 2016.
- ❖ Organized a Guest Lecture on “**Dataware housing for Business Intelligence**” at Gudlavalleru Engineering College on 6th February 2016.

LIST OF WORKSHOPS /CONFERENCES /SEMINARS ATTENDED:

- ❖ Attended faculty development programme on “ **Robotic Process Automation**”, organized by Department of Computer Science and Engineering & Information Technology, Seshadri Rao Gudlavalleru Engineering College in collaboration with SmartBridge Educational Services Pvt Ltd powered by Blue Prism from 23.08.2021 to 28.08.2021
- ❖ Attended one week faculty development programme on “ **Machine Learning, Deep Learning and Natural Language Processing Tool-kit with Hand-on Practice** ”,

organized by Department of Computer Science and Engineering, Chandigarh University from 02 August 2021 to 06 August 2021/

- ❖ Attended 6 days National Online Faculty Development Program on “**MULTI TECHNOLOGY**” organized by Department of Computer Science & Engineering, Anantha Lakshmi Institute of Technology & Sciences, Anantapur, in Collaboration with Brain O Vision Solutions India Pvt. Ltd. & National Youth Council of India held during 28th June to 03rd July 2021.
- ❖ Attended on week STTP on “**Deep Learning for Computer Vision Medical Applications**” organized by Department of Computer Science and Engineering, Narsaraopeta Engineering College from 22nd to 27th March 2021.
- ❖ Attended one day faculty development program on “**Scholarly Communication**” by R & D Cell of Gudlavalleru Engineering College on 25th February 2021
- ❖ Attended online Workshop on “**Internet of Things**” organized by Gudlavalleru Engineering College in association with AICTE from 07th to 11th December 2020.
- ❖ Attended online Workshop on “**Image Processing using Matlab**” organized by Andhra Pradesh State Skill Development Corporation and Pantech Prolabs India Pvt Ltd. from 02nd to 06th November 2020.
- ❖ Attended 30Days Webinar Series on AI Master Class organized by Andhra Pradesh State Skill Development Corporation(APSSDC) and Pantech Prolabs India Pvt Ltd. From 5th October to 3rd Nov 2020.
- ❖ Attended 1st International Summit on “ **Artificial Intelligence and Machine Learning**” organized by the Department of Information Technology, Nagpur Institute of Technology, Nagpur, from 26th to 28th September 2020.
- ❖ Attended national level faculty development programme on “ **Cyber Security**”, organized by Department of Computer Science and Engineering & Information Technology in association with CyberPsy, Gudlavalleru Engineering College from 22-26 July 2020.
- ❖ Attended online webinar on “**Internet of Things using NODEMCU**”, hosted by Shiv Kumar Singh Institute of Technology and Science in association with Pantech Solutions on 23rd June 2020.
- ❖ Attended online Workshop on “**Machine Learning**” organized by the Department of Computer Science and Engineering, Lakireddy Balireddy College of Engineering, Secundrabad from 01st to 05th June 2020.
- ❖ Attended online Workshop on “**Python3**” organized by the Department of Computer Science and Engineering, Prakasam Engineering College, Kandukur in association with IIT Bombay from 25th to 31st May 2020.
- ❖ Attended online Workshop on “**Innovative Trends in Data Analytics with AI** ” organized by the Department of Electronics and Communications Engineering, Malineni Lakshmaiah Womens Engineering College, Guntur from 26st to 30th May 2020.
- ❖ Attended online Workshop on “**Big Data Tools**” organized by the Department of Computer Science and Engineering, St. Martins Engineering College, Secundrabad from 18th to 23rd May 2020.

- ❖ Attended online Webinar on “**Data Science and ML-The Pillars of IT Industries**” organized by the Department of Electronics and Communications Engineering, St Mother Terasa Engineering College, Tamilnadu on 22nd May 2020.
- ❖ Attended online Workshop on “**Future Tech 2020**” Organized by ICT academy on 18th May to 22nd May 2020.
- ❖ Attended online Workshop on “**Data Science and Cloud Computing**” organized by the Department of Computer Science and Engineering, Chebrolu Engineering College, Guntur from 18th to 22nd May 2020.
- ❖ Attended online Workshop on “**Season 5 of Skycampus on the theme The Future of Skills - Education, Employment & Entrepreneurship**” Organized by ICT academy on 11th May to 15th May 2020.
- ❖ Attended online Workshop on “**R Programming**” organized by Smt Kamala And Sri Venkappa M Agadi College Of Engineering And Technology in association with IIT Bombay from 01st to 31st January 2020.
- ❖ Attended Three-week Workshop on “**Artificial Intelligence, Machine Learning with Python**” organized by the Department of Computer Science and Engineering, Gudlavalleru Engineering College, Gudlavalleru from 6th May to 25th May 2019.
- ❖ Attended One-week Workshop on “**Machine Learning**” organized by the Department of Computer Science and Engineering, Gudlavalleru Engineering College, Gudlavalleru from 29th April to 4th May 2019.
- ❖ Attended One-week Workshop on “**Machine Learning**” organized by APSSDC at V R Siddhartha College of Engineering , Vijayawada from 26th to 30th December 2018.
- ❖ Attended One Day Workshop on “**Curriculum Design**” organized by the Department of Computer Science and Engineering, Gudlavalleru Engineering College, Gudlavalleru on 22nd January 2018.
- ❖ Attended One Day Workshop on “**Curriculum Design**” organized by the Department of Information Technology, Gudlavalleru Engineering College, Gudlavalleru on 9th December 2017.
- ❖ Attended One Day Faculty Development Program on “**Internet Architecture and Its Recent Trends**” organized by the Department of Computer Science and Engineering, Gudlavalleru Engineering College, Gudlavalleru on 27th December 2017.
- ❖ Attended One-Week Short Term Training Program on “**Intelligent Computing and Deep Learning**” at PVPSIT Vijayawada during 20th -25th November 2017.
- ❖ Attended Two day FDP on “**Soft Computing Techniques**” organized by the Department of Computer Science and Engineering, Gudlavalleru Engineering College, Gudlavalleru during 21st and 22nd June 2017.
- ❖ Attended One-Week Workshop on **Big Data Analytics** organized by the Department of Computer Science and Engineering, Gudlavalleru Engineering College, Gudlavalleru during 14th – 19th November 2016.
- ❖ Attended Five-day state-level workshop on “**Google-Android Fundamentals**” organized by Andhra Pradesh State Skill Development Cooperation at vasireddy Venkatadri Institute of Technology during 7th-11th November 2016.

- ❖ Attended One Day Workshop on “**Curriculum Design**” organized by the Department of Computer Science and Engineering, Gudlavalleru Engineering College, Gudlavalleru on 06th August 2016.
- ❖ Attended Two Day Workshop on “**Windows Azure**” organized by the Department of Computer Science and Engineering, Gudlavalleru Engineering College, Gudlavalleru during 21st - 22nd March 2016.
- ❖ Attended Two-day Faculty Development Program on “**Internet of Things**” at Gudlavalleru Engineering College during 27th – 28th November 2015.
- ❖ Attended Two-Week AICTE Workshop on “**Machine Learning**” at V R Siddhartha Engineering College, Vijayawada during 16th to 27th November 2015.
- ❖ Attended One-Week ISTE Workshop on “**Introduction to Design of Algorithms & Analysis**” at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay during 25th to 30th May 2015.
- ❖ Attended Two-day Faculty Development Program on “**BIGDATA & HADOOP Technologies**” at Gudlavalleru Engineering College during 12th – 13th March 2015.
- ❖ Attended One-day Faculty Development Program on “**IBM-SPSS Modeler 16.0**” at Gudlavalleru Engineering College during 30th September 2014.
- ❖ Attended Two-Week ISTE Workshop on “**Cyber Security**” at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay during 10th -20th July 2014.
- ❖ Attended Two-Week ISTE Workshop on “**Computer Networks**” at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay during 27th June -04th July 2014.
- ❖ Attended One-Week ISTE Workshop on “**Computer Programming**” at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay during 16th to 21st June 2014.
- ❖ Attended Two-week ISTE Workshop on “**Database Management Systems**” at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay under National Mission on Education through ICT (MHRD) during 21st -31st May 2013.
- ❖ Attended Two-day ISTE Workshop on “**Aakash for Education**” at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay during 10th-11th November 2012.
- ❖ Attended One-day AICTE National Seminar on “**Artificial Intelligence Applications in Image Processing**” at Gudlavalleru Engineering College during 29th August 2012.
- ❖ Attended Two-day Faculty Development Program “**Recent Developments in Cloud Computing**” at Gudlavalleru Engineering College during 17th-18th August 2012.
- ❖ Attended One-day Workshop on “**Software Testing and Testing Tools**” at Gudlavalleru Engineering College, Gudlavalleru Conducted by CSE Department on 26th July 2012
- ❖ Attended One-day Workshop on “**GNU/LINUX Administration**” at Gudlavalleru Engineering College, Gudlavalleru Conducted by CSE Department on 25th July 2012
- ❖ Attended Two-day Workshop on “**Database Design and Design Tools**” at Gudlavalleru Engineering College, Gudlavalleru Conducted by CSE Department from 11th -12th July 2012.

- ❖ Attended Two-day “**Ethical Hacking & Information Security**” in association with Entrepreneurship Cell, IIT Kharagpur and Virscent Technologies Pvt.Ltd at Gudlavalleru Engineering College during 22nd-23rd June 2012.
- ❖ Attended four-day faculty development program on “**Refresher Course: FLAT & DAA subjects** conducted at Gudlavalleru Engineering College, Gudlavalleru during 23th -26th Nov-2011.
- ❖ Attended One-day seminar on “**Computing Freedom in Engineering Education- a Free Software Perspective**” at Gudlavalleru Engineering College, Gudlavalleru Conducted by CSE Department on 11th December 2010.
- ❖ Attended Two-day faculty development program on “**MODELING AND TEXTURE MAPPING**” using **MAYA** conducted at Gudlavalleru Engineering College, Gudlavalleru during 3rd - 4th December 2010.
- ❖ Attended workshop on **MOBILE COMPUTING** conducted at Gudlavalleru Engineering College, Gudlavalleru on 29th-30th October 2010.
- ❖ Attended workshop on **GRID COMPUTING** conducted at Gudlavalleru Engineering College, Gudlavalleru from 13th-24th FEB 2009.

GUEST LECTURES DELIVERED: NIL

MEMBERSHIP IN PROFESSIONAL BODIES:

- ❖ Member of Institution of Engineers India form 2014 (MIE)
- ❖ Member of Computer Science Teachers Association(7052544)

LIST OF PATENTS PUBLISHED:

- ❖ Published Patent on “Voice authentication method and system utilizing same” with application number 202041036671A by Patent Office Journal, India on 25th Spetember 2020.

CONSULTANCY ACTIVITIES: NIL

GRANTS FETCHED: NIL