

Dr.T.SYED AKHEEL

Professor, Dept of ECE,

Dr. K.V. Subba Reddy Institute of Technology,
Kurnool 518218,
A.P, India.



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Career Objective:

Dedicated and passionate leader with over 20 years of experience in various engineering fields, including communication systems and image processing, committed to fostering a stimulating and inclusive academic environment. Adept at developing innovative curricula, engaging students through interactive teaching methods, and overseeing comprehensive administrative functions. Seeking a position to join with enthusiasm and energy, inspire and mentor students, manage admissions processes, advance research in neural networks and deep learning methods, uplift the institute's image, and collaborate with colleagues to promote academic excellence and institutional growth, taking the institute to the next level.

Teaching Experience: 21+ years of Teaching UG & PG courses.

Educational Qualifications:

S. No.	Qualification	University/Institution	Specialization	Year of award
1.	Ph.D (E.C.E)	Jawaharlal Nehru Technological University Anantapuramu, A.P – 515002	Advanced Methods in Deep Learning for Visual Data Analysis	2023
2.	Ph.D (E.C.E)	Rayalaseema University Kurnool, A.P 518007.	Models of Neural Processing in Visual Perception	2017
3.	M.Tech (E.C.E)	S.R.M University, Kattankulathur Chennai,T.N-603203	Digital Communications & Networking	2006
4.	B.E (E.C.E)	K.B.N College of Engineering, Gulbarga, Gulbarga University, Karnataka- 585104	Electronics & Communication Engineering	2001
5.	Intermediate	Govt Jr. College For Boys, Anantapur,A.P 515001	Mathematics, Physics, Chemistry	1997
6.	SSC	Lal Bahadur English Medium High School,Anantapur,A.P 515001	-----	1995

Administrative Experience:

S.No.	Administrative Post held	Duration
1	Professor, Dr K.V Subba Reddy Institute of Technology Kurnool, A.P	2018- Till date
2	Vice Principal & Head, Department of ECE CRIT Institute of Technology Anantapur,A.P	2016-2018
3	Vice Principal & Head, Department of ECE PVKK Institute of Technology Anantapur,A.P	2008-2016
4	Associate Professor & Head, Department of ECE S.K.D Engineering college Gooty, A.P	2006-2008
5	Assistant Professor & Head, Department of ECE S.K.D Engineering college Gooty, A.P	2001-2004

Present Roles and Responsibilities: DrKVSrit-Kurnool (2018 – Till date)

- ❖ Chief coordinator of administrative committee to implement standards and regulations of AICTE/APSCH/UGC/JNTUA.
- ❖ NBA Chief Coordinator for ECE Dept. Achieved NBA accreditation for three years from 2023-2026.
- ❖ NAAC Coordinator, Revision of UG & PG syllabi as Member – BoS for autonomous institute.
- ❖ Actively involved in UG/PG Admissions as a coordinator.
- ❖ Worked as Principal for Diploma courses from 2019-2022.
- ❖ Established the research lab with real time access equipment's.
- ❖ Conducted National Conferences in 2018.

Activities as Vice Principal & Head of the Dept.: CRIT-Anantapur

Served as Vice Principal and Head of the Department (2016 – 2018)

- ❖ Looking the smooth running of the institute academics by following the Academic regulations issued by JNTUA.
- ❖ In charge for admissions for UG & PG Courses.
- ❖ Worked as IQAC in charge during 2017-2018
- ❖ Actively involved in UG/PG Admissions as a coordinator

Activities as Vice Principal & Head of the Dept.: PVKKIT-Anantapur

Served as Vice Principal and Head of the Department (2008 – 2016)

- ❖ Maintained Exam Section for 7 years overseeing all aspects from downloading exam papers to managing and maintaining results.
- ❖ Worked as Head of the Dept and established the DSP /EDC/ANALOG Communication Labs As per JNTUA Curriculum.
- ❖ Maintained JNTUA/AICTE affiliation procedures from 2008-2016.
- ❖ Actively involved in UG/PG Admissions as a coordinator.

- ❖ Improvement in the ambience of the department with
- ❖ Organized several programs and conferences for the students & faculty.

Activities as Associate Professor & head of the Dept.: SKDEC-GOOTY

Served as Associate professor & Head of the Department (2006 – 2008)

- ❖ NBA Coordinator & Head, Department is accredited by NBA for three years from 2006-2009
- ❖ Improvement in the ambience of the department
- ❖ Organized several programs for the students & faculty.

Activities as Assistant Professor.: SKDEC -GOOTY

Served as Associate professor & Head of the Department (2001 – 2004)

- ❖ Established simulation laboratory with high end computers,
- ❖ Improvement in the ambience of the department
- ❖ Organized several programs for the students & faculty.

Technical Skills:

Operating System	:	Windows 9X /2000/ NT
Programming Languages	:	J2EE (Servlets,JSP)
Design Tools and programming	:	MATLAB 7.0
Internet Tools	:	HTML, DHTML, JavaScript, VBScript, PHP
Application Server	:	Jakarta-Tomcat-4.0, Web Logic
Networking	:	Networking Essentials, TCP/IP

Distinctions

- ❖ Ratified as Assistant Prof in S.K.D College of Engineering, Gooty. Andhra Pradesh vide Lr.No. Selections/2007 dated 23-02-2007 By JNTUH, Hyderabad.
- ❖ Best Teacher Excellence Award in Indo-American Summit 2016 on 17-9-2016.
- ❖ Reviewer for the Springer Journals Multimedia Tools and Applications.

Ph.D –supervisor In JNTUA & Annamacharya university kadapa

Presently Guiding 3 Research scholars.

Membership in International /National Professional Bodies:

- ❖ Life Member in Indian Society for Technical Education. LM 60857
- ❖ Life Member in Institute Of Electronics And Telecommunication Engineer. LM 211897
- ❖ Life Member in Solar Energy Society of India. LM1363
- ❖ Life Member in Indian Institute of Scientific Heritage. LM 1760
- ❖ Life Member in International Journal of Engineering Research And Industrial Applications (IJERIA). LM2176
- ❖ Life member in International Journal of Mathematical Sciences And Engineering Applications (IJMSEA). LM1096
- ❖ Life Member in International Journal of Multidisciplinary Research & Advances in Engineering (IJMRAE). LM303035

Subjects Taught in Engineering Colleges

Undergraduate courses	Post graduate courses
<p>Computer Science Related Subjects:</p> <ul style="list-style-type: none"> ❖ Principals of Artificial Intelligence ❖ Deep Learning/Machine learning ❖ Computer Networks ❖ MATLAB Programming ❖ Digital Electronics ❖ Computer architecture ❖ TCP/IP ❖ Network Security <p>E.C.E Related subjects:</p> <ul style="list-style-type: none"> ❖ Electronic Devices and Circuits ❖ Electronic Circuit Analysis ❖ Network Analysis ❖ Switching Theory & Logic Design ❖ Linear IC Applications ❖ Pulse & Digital Circuits ❖ Telecommunication Switching Systems & Networks ❖ Computer Networks ❖ Neural Networks & Applications ❖ Satellite Communication ❖ Cellular Mobile Communication ❖ Analog Communication ❖ Digital Communication ❖ Digital Communication Techniques 	<ul style="list-style-type: none"> ❖ Digital Data Communications ❖ Digital System Design ❖ Artificial Neural Networks ❖ High Speed Networks ❖ Advanced Computer Networks ❖ Fuzzy Systems & Neural Networks ❖ Wireless Mobile Communication ❖ Adaptive Filter Theory

PATENTS PUBLISHED: 04

1. Patent filled on the topic “**System and Method for Removing Motion Artifacts and Multimodality Registration of Medical Images**” Dt: 05.10.2019, AFR NO 201941050842.
2. Patent filled on the topic “**An Efficient Arithmetic for Dwpt Error Approximation**” Dt: 06.11.2019.CBR NO 42539 dt: 23.12.2019.
3. Patent filled on the topic “**A Novel method and system for human recognition using Difference depth motion and convolution neural networks**” Ref no/APP no 201941054742, TEMP/E-1/57719/20149-CHE, CBR 43459 Dt 31.12.2019 (APPROVED).
4. Patent filled on the topic “**Optimization technique for linear discriminant regression**” Dt 15.01. 2020. Approved and published with journal no 41/2020 dt 09/10/2020.

Text Book Published:

1. **Published A Text Book: Design and Analysis of Statistical Methods on Face Recognition (Lambert Academic Publishing).**
2. **Published a Text Book: Digital Image processing for real time applications (Groovi Techno IT Solutions Private Limited).**

Nptel Courses Completed:

1. **Machine Learning and Deep Learning – Fundamentals and Applications, exam held in July–October 2024. It is a 12-week course with Roll No: NPTEL24EE146S961900918.**
2. **Introduction to the Internet of Things, held in July–October 2024. It is a 12-week course with Roll No: NPTEL24CS11S5161900589.**
3. **Introduction to Machine Learning, held in January–April 2025. It is a 12-week course with Roll No: NPTEL25CS46S450300780.**

International Journal Publications:

1. T.Syed Akheel, Published a Paper SCI journal in the Springer volume: Evolutionary Intelligence Springer journal DOI: 10.1007/s12065-021-00585-y Title: Stochastic gradient descent linear collaborative discriminate regression classification based face recognition.
2. T.Syed Akheel, M.V Sruthi , Published a Paper in International Journal IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676, p-ISSN: 2320-3331, Volume 19, Issue 3 Ser. 1 (May. – June. 2024), PP 20-31 DOI: 10.9790/0853-1903012031, Improved Face Recognition Using Optimized Linear Collaborative Discriminant Regression Classification With Hybrid Algorithm.
3. T.Syed Akheel, Dr, V.Usha Shree, Published a Paper in International Journal of advanced technology and innovative research ISSN 2348–2370 Vol.10, Issue.08, August-2018, Pages:1007-1009 2018 IJATIR "Optimization Technique for Face Recognition using regression, Impact Factor 4.106
4. T.Syed Akheel ,Dr Usha Shree published a paper in International Journal of research Volume 4 ,issue 9 August 2017, e-ISSN 2348-6848,P-ISSN 2348-795X,Entitled "A Survey on face recognition systems methods and analyses, August 2017. Ugc Approved Journal SI No 44396 Impact Factor 5.60.
5. T.Syed Akheel ,Dr Usha Shree published a paper in International Journal IJEECS Volume 6,issue 12 December 2017 ISSN 2348-117X , Entitled "Detecting and recognizing face images from videos using spherical harmonics and RBF kernel techniques" ,Ist International Conference on advancements and innovations in engineering technology and management at joginpally B.R Engineering college, Hyderabad India on 28th and 29 December 2017. Impact Factor 2.104.
6. T.Syed Akheel ,Dr S.A.K Jilani published a paper in International Journal of Latest Trends in Engineering and Technology IJLTET, Entitled " An Efficient Face Recognition Using Convolution Neural Networks", Vol.(8)Issue(1 January 2017, pp.465-47, DOI:<http://dx.doi.org/10.21172/1.81.059> e-ISSN:2278-621X, International Ugc Approved Journal SI No 63199 Impact Factor global 0.685.

7. T.Syed Akheel ,Dr S.A.K Jilani published a paper in IOSR Journal of Electronics and Communication Engineering(IOSR-JECE), Entitled "Accurate Face Recognition using Stepwise Linear Discriminate Regression Classification and Hidden Conditional Random Fields" (SWLDRC-HCRF) (pp:14-18), e-ISSN:2278-2834,p-ISSN:2278-8735, Volume 11, Issue 1, Ver IV (Jan-Feb 2016), PP 14-19, International. Ugc Approved Journal SI No 5016 Impact Factor 3.12.
8. T.Syed Akheel , D.C. Kullayapa published a paper in International Journal Of And Magazine Of Engineering Technology Management And Research , Entitled " lossless and reversible data hiding in encrypted images with the public key cryptography ", Vol III Issue no 11, ISSN 2348-4845, International. Impact Factor global 2.756,Nov 2016
9. T.Syed Akheel ,Dr V.Ushashree published a paper in International Journal of innovative technologies IJITECH, Entitled " Sparse representation based greedy search for face sketch synthesis" , Vol.(4)Issue(17 November 2016, ISSN 2321-8665 Vol.04,Issue.17, November-2016, Pages:3335-3339 Impact Factor 4.1075.
- 10.T.Syed Akheel ,Dr S.A.K Jilani published a paper in International Journal of Advanced Technology and Innovative Research, Entitled "A Novel approach of face recognition using Convolution neural networks", ISSN 2348-2370, Volume No.08, Issue No.22, December-2016, International. Impact Factor global 4.106.
11. T.Syed Akheel ,Dr S.A.K Jilani published a paper in International Journal of Scientific Engineering and Technology, Entitled "Face Recognition using Siamese Architecture and Convolution Neural Networks", ISSN 2319-8885, Volume No.05, Issue No.48, December-2016, International. Impact Factor 4.176.
12. T.Syed Akheel ,Dr S.A.K Jilani published a paper in International J. of Eng. Research &Indu. Appls. (IJERIA), Entitled "A Novel approach of face recognition using convolution face recognition using Convolution neural networks" (Approved By Ugc And Indexed In ICI), ISSN 0974-1518, Vol.9, No. III (December 2016), pp.23-42, International. Ugc Approved Journal SI No 48284 Impact Factor global 0.435.
13. T.Syed Akheel published a paper in International J. of Professional Engg. studies, Entitled "VLSI Implementation Analysis Of 32 Bit Unsigned Integer Multiplier Using CLAA an CSLA (IJPRES).ISSUE3/AUG 2015, International. Impact Factor 4.825.
14. T.Syed Akheel ,DC Kullayapa published a paper in International Journal and magazine of Engineering and Technology ,Management and Research(IJMETMR), Entitled " SIFT Based Approach for Automatic Image Registration". ISSN-2348-4845-Vol.No 3, Issue.11, November - 2016, International. Impact Factor 3.79
15. T.Syed Akheel ,Dr S.A.K Jilani published a paper in IJMSEA, Entitled " A Novel Approach Of Face Recognition Using Statistical Features And Neural Networks", Vol.6, No. II, March 2012, ISSN 0973-9424 International. Ugc Approved Journal SI No 48305 Impact Factor global 0.435.
16. T.Syed Akheel ,Dr S.A.K Jilani published a paper in International Journal of Engineering Research & Industrial Application (IJERIA), Entitled " A Novel Method Of Face Recognition Using Fractional Order SVD", Vol.5, No. II, May2012 pp155-168, ISSN C0973-9424 International. Ugc Approved Journal SI No 48284 Impact Factor global 0.435.
17. T.Syed Akheel ,Dr S.A.K Jilani published a paper in International J. of Engg. Research &Indu. Appls. (IJERIA), Entitled "Comparative study of face representation Methods for efficient face recognition using Singular features", ISSN 0974-1518, Vol.4, No. II (May 2011), pp 249-266, International. Ugc Approved Journal SI No 48284 Impact Factor global 0.435.

18. T.Syed Akheel ,Dr S.A.K Jilani published a paper in International J. of Engg. Research &Indu. Appls. (IJERIA), Entitled " Comparative study of face representation Methods for efficient face recognition survey Paper”, ISSN 0974-1518, Vol.4, No. II (May 2011), pp 287-304, International. Ugc Approved Journal SI No 48284 Impact Factor global 0.435.

19. T.Syed Akheel ,Dr S.A.K Jilani published a paper in International J. of Engg. Research &Indu. Appls IJERIA, entitled "An Efficient Face Recognition Method with FSVDF And RBF Neural Network", published in Vol.4, No. III, August 2011, ISSN 0974-1518 International. Ugc Approved Journal SI No 48284 Impact Factor global 0.435.

20. T.Syed Akheel ,Dr S.A.K Jilani published a paper in International Journal of Mathematical Sciences & Engineering Applications (IJMSE),Entitled "Modified approach of Face Recognition Using Eigen Values", Vol.5, No. IV, July 2011, ISSN 0974-1518, International. Ugc Approved Journal SI No 48305 Impact Factor global 0.421.

21. T.Syed akheel ,Dr S.A.K Jilani published a paper in Oriental journal of computer science and technology, Entitled "Different Methods For Statistical Face Representation", Vol IV no 2011, ISSN 0974-6471,online ISSN 2320-8481 International. Ugc Approved Journal with Impact Factor global 0.756.

International Conferences:

1. Presented and published the IEEE Conference paper in ICICIKE 2025 -Bangalore o the topic security cloud access based cryptography using bilinear group noise based authentication with optimized cipher text outsourcing attaches - 2025

2.Attended and presented the paper in International Conference on wireless communication and internet of everything (ICWCIW -2024)organized By Sri Siddhartha Institute of Technology, Tumkuru Entitled "energy optimization model for industrial wireless sensor networks based on improved bald eagle search optimization algorithm” on 21 and 22June 2024.

3. Attended and presented the paper in Ist International Conference on advancements and innovations in engineering technology and management atJoginpally B.R Engg college, Hyderabad, India on 28th and 29 December 2017.

4. Attended and presented the paper in ICEEOT – IEEE Conference DMI College Chennai, entitled “Accurate Face Recognition Using Step Wise Linear Discriminant Methods" Dt 03/03/2016, International.

5. Attended and presented the paper in International Conference on Electrical, Electronics and Optimization Techniques (ICEEOT) – IEEE Madras Section on 3-5 March 2016, Madras, Title "Minimum Error estimation in parallel Linear Collaborative Discriminate Regression for Face Classification (ME-PLCDRC)" March 2016, International.

6. Attended and presented the paper in Face Recognition Using Eigen Values, by T.Syed Akheel & K.Kanthamma,Race 09, 03/01/2016, Title Face Recognition Using Eigen Values.

7. Attended and presented the paper in ICNG2S-10-103052, Chandigarh, title "High Speed Encryption and Decryption of Blowfish "25/12/2010,26/12/2010, International.

8.Attended and presented the paper in ICNG2S-10-103076, Chandigarh, Title" Face Recognition Using Eigen Values” 25/12/2010, 26/12/2010, INTERNATIONAL.

9. Attended and presented the paper in IACQER-2009, NARASAPUR, Title Face recognition using Eigen (P-MISC-15) 20/12/2009, International Conference.

10. Attended and presented the paper in IACQER-2009, NARASAPUR, Title "Brain image segmentation using RBF neural network (O-MISC18) 20/12/2009, International Conference

11. National conference held in Drkvsrit-Knl, RTMEMS2020. Analysis of Regression Methods for Face Recognition System.

Workshops attended:

1. Attended the workshop ,Intensive Teaching Workshop, J.B.Institute of engineering and Technology, Hyderabad on 4 February to 5 March 2015, on Maintaining Attendance Register and Monitoring Class work, March 2015, National.

2. Attended the workshop on ROBOTRYST-2015 International Level Championship Robosapiens Technologies Pvt. Ltd in association with Tryst-2015 at IIT, Delhi & P.V.K.K Institute of Technology, Anantapur Line following Robotic Vehicle with walking and climbing Mechanism 2015 International

3. Attended the Two day National (Faraday's memorial) workshop on "Recent Advances on Power Electronics and Power Systems" J.B.Institute of engineering and Technology, Hyderabad on 22 & 23 September 2015 LDR-Light Dependent Resistor and working Principle, September 2015, National.

4. Attended the workshop on Two Day Workshop on "Application of Video Surveillance", Bhaskar Engineering College, Hyderabad on 21 & 22 September 2015, Compressed Image Processing, September 2015, National.

5. Attended the workshop on Digital Image Processing, Farah Institute of Technology, Hyderabad held on 9 October, 2015 Applications of Digital Image Processing October 2015, National.

6. Attended the One day workshop "Advanced Trends In Telecommunications ", P.V.K.K institute of technology Anantapur A.P 515001 Android Applications" march 5th , 6th 2014, International

7. Attended the Workshop on Computer Vision, J.B.Institute of engineering and Technology, Hyderabad on 24 & 25 September 2014, Computer Vision September 2014, National.

Functional Projects:

- ❖ Number of Projects Guided at Under-Graduate Level: 89
- ❖ Number of Projects guided at Post-Graduate level : 42

Skills:

- ❖ Domain: Networking (L1, L2 Protocols), Telecom matlab
- ❖ Languages: C, Verilog, Matlab

Various Projects Guided in the following Areas:

- ✚ **Under Graduate Level: (B Tech)**
- Wireless communications
- Computer Communication

- Image Processing
- Network Security
- Database Managements
- **Post Graduate Level: (M Tech)**
- Communication systems
- Network Security
- Image Processing
- Mobile Communications

Extra-Curricular Activities:

- ❖ Designed a web site for Engineering Colleges
- ❖ Participated in school and college games, Awarded Certificates in Cricket, Volleyball & Kabbadi.

Awards received:

Best Teacher Excellence Award In Indo-American Summit 2016 on 17-9-2016

Languages Known:

English, Telugu, Hindi, Urdu

Permanenet Address

#13-2-478, Ramachandra Nagar, Anantapur
Near saifulla bridge,
Anantapuramu, Andhra Pradesh,
India, Pin code – 515001,
Mobile: **9030241953**
Email: **t.akheel@gmail.com**
Place: **Anantapur A.P 515001**

DECLARATION

I hereby declare that the above information is correct to the best of my knowledge and belief.

Date:

Signature of Applicant



[Dr. T. SYED AKHEEL]