

**Faculty Name: Dr. T. Syed Akheel**

**Faculty Photo:**



**Faculty Description:**

Dr. T. Syed Akheel is Professor, Department of Electronics and Communication Engineering at Dr.K.V.Subba Reddy Institute of Technology, Kurnool. He is also the HOD at Dr.K.V.Subba Reddy Institute of Technology, Kurnool.

**Profile Tab:**

**Qualification**

Qualification	Institution	Year
Bachelor's degree	Gulbarga University Gulbarga	2001
Master's degree	SRM University, Chennai	2006
Phd degree	Rayalaseema University, Kurnool, A.P	2017

**Experience**

Designation	Institution	From	To
Professor	Dr.K.V. Subba Reddy Institute Of Technology	02.07.2018	Till date
Dean academics	Chiranjeevi Reddy Institute Of Engg And Technology ,Bellary Road ,Anantapur A.P 515001	02.05.2016	31.06.2018
Vice Principal & Head of the Department,	P.V.K.K Institute Of Engg & Technology Anantapur A.P 515001	29.10.2008	28.04.2016
Associate Professor & Head of the Department,	S.K.D Engineering College, Gooty ,(A.P)	17.06.2006	28.10.2008
Assistant Professor & Head of the Department,	S.K.D Engineering College, Gooty ,(A.P)	22.10.2001	29.06.2004

## Awards / Achievement

- LIFE MEMBER IN INSTITUTE OF ELECTRONICS AND TELECOMMUNICATION ENGINEER LM M211897
- LIFE MEMBER IN INDIAN SOCIETY FOR TECHNICAL EDUCATION LM 60857
- LIFE MEMBER IN SOLAR ENERGY SOCIETY OF INDIA LM1363
- LIFE MEMBER IN ARAB RESEARCH INSTITUTE OF SCIENCE- LM13650903
- 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 AND ADVANCES IN ENGINEERING (IJMRAE) LM303035
- 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.

## Responsibilities Tab:

### Responsibilities Held

- Worked as Vice principal and Head in ECE Dept in PVKKIT from 2008 to 2015
- Worked as Coordinator for AICTE work in PVKKIT from 2008 to 2015
- Worked as Exam Section in charge in PVKKIT for period of 7 year from 2008 to 2015
- Coordinator for JNTUA Affiliations.
- Coordinator for Departmental Technical Seminar.
- Coordinator for Departmental Yearly Budget.
- In charge for gate students scholarships
- **Consultant** of preparing the documents, for National Board Accreditation(NBA) to the ECE Department in SKD College of Engg, Gooty.
- **Consultant** of preparing the documents, for TEUIP to ECE Dept in S.K.D ENGG GOOTY.
- **Coordinator** for getting NBA for S.K.D ENGG GOOTY
- **Alumni Coordinator** for S.K.D ENGG GOOTY, Anantapur A.P 515001

## Teaching Tab:

### Expertise / list of subjects handled

#### Under Graduate Courses

1. Electronics devices and circuits
2. Analog communication
3. Digital communication
4. Signals and systems
5. Satellite communication
6. Cellular mobile communication
7. Digital signal processing
8. Electronic circuit analysis

9. Pulse and digital circuits
10. Electrical engineering
11. Computer networks
12. Digital image processing
13. Circuit theory
14. Wireless mobile communication
15. Adaptive filter theory
16. Digital communication techniques
17. Matlab programming

- Post Graduate Courses:
- Special Topics:

#### **Research Tab:**

#### **Research Interest**

- Image processing & Network Security

#### **Research projects (current)**

#### **Publications tab:**

#### **Books**

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#### **Conferences**

1. Attended and presented the paper in 1<sup>st</sup> International Conference on advancements and innovations in engineering technology and management at joginpally B.R Engg college, Hyderabad ,India on 28th and 29 December 2017.
2. 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.
3. Attended and presented the paper in International Conference on Electrical, Electronics and Optimation 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
4. 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.
5. Attended and presented the paper in International conference on recent advances in design, development and operation of micro air vehicles (ICRAMAV-2012) held on 10-12 December 2012 JNTUH Hyderabad title Development of a MEMS-based Acoustic energy harvester for Micro Air Vehicles. (Page No 51-58) December 2012, International
6. Attended and presented the paper in Two day national conference on Computer Vision and image Processing (CVIP-2012) held on 17 & 18 December 2012, JBIET, Hyderabad, title FPGA Implementation of architecture for adaptive viterbi decoder December 2012.National

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 10. Attended and presented the paper in IACQER-2009, NARASAPUR, Title "Brain image segmentation using RBF neural network (O-MISC18) 20/12/2009,INTERNATIONAL.
10. Attended and presented the paper in IACQER-2009,NARASAPUR, Title "Brain image segmentation using RBF neural network (O-MISC18) 20/12/2009,INTERNATIONAL.
11. Attended and presented the paper in National Conference on Emerging Trends in Electronics & Communication - 2007 (Nce-Merge'07), JNTUACE Anantapur, Title Improving the driving standards of ground vehicle by using stand-alone CAN Controller (Page No 145 – 151) 2007, National.
12. Attended and presented the paper: Title A Comparative Study in BPR Implementation Methodologies by Proceedings of National Conference on the Impact of Information Technology on Manufacturing (NCIITM-2006).

## Journals

1. T.Syed Akheel ,Dr S.A.K Jilani published a paper in International Journal of Latest Trends in Engineering and Technology IJTET, 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
2. 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.
3. T.Syed Akheel ,Dr V.Usha shree 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
4. 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.
5. 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.
6. T.Syed Akheel ,Dr S.A.K Jilani published a paper in International J. of Engg. 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.
7. T.Syed Akheel ,Dr S.A.K Jilani published a paper in International Journal of Scientific Engineering and Technology Research(IJSETR), Entitled " SIFT Based Approach for Automatic Image Registration".(pp:822-829), ISSN-2319-8885-Vol.02, Issue.09, September-2013, International.
8. T.Syed Akheel Published a paper in international journal of professional Engg.Studies entitled "VLSI Implemenation analysis of 32 bit Unsigned integer Multiplier using CLAA an CSLA (IJPRES) ISSUE3/AUG 2015 International.

9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.

#### Workshops:

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
8. Attended the Workshop on Android in association with IIT, Gawhathi, P.V.K.K Institute of Technology, Anantapur held on 05 March, 2013, Android App on Google Play, March 2013, National.

9. Attended One day workshop on "Andriod applications",in P.V.K.K institute of technology Anantapur A.P 515001, "Andriod applicaiton" on March 5<sup>th</sup> & 6<sup>th</sup>, 2013 .International.
10. Attended the One day National Workshop on "MATLAB Application on Electro Systems",J.B.Institute of engineering and Technology, Hyderabad on 15 March 2013,Wireless Power transfer Circuits and its working March 2013,National.
11. Attended the One day Workshop on Wireless Communication, P.V.K.K institute of technology Anantapur A.P 515001 on feb 10th 2012,Wireless Communication. National.
12. Attended the workshop on Microcontroller Programming based Robotics workshop 'Li2-Heptabots' ,J.B.Institute of engineering and Technology, Hyderabad on 21 & 22 March 2012. Microcontroller based Speed Checker System March 2012, National.
- 13.Attended One day workshop on "Analog Discovery Design Kit" ,Padmasri Dr.B.V.Raju Institute of Technology, Hyderabad on 2 August 2012,Electronic Mini Project Circuit –Simple Electronic Circuit,August 2012,National.
14. Attended Two day Workshop on Advanced VLSI Technology,Vidya Vikas Institute of Technology, Hyderabad held on 24 – 25 September, 2012,Advanced VLSI Technology,September 2012,National.
15. Attended the workshop on Globalization: Challenges and Opportunities for Science and Technology" Sponsored by Third Conference of Karnataka Science and Technology Academy, held on 15-16 February2011.Conducted by Manasa Gangothri Mysore 570 005.
16. Attended the One day Workshop on Embedded Systems Prospectus and Future trends, Vidya Vikas Institute of Technology, Hyderabad held on 20 August, 2011, Embedded Systems Prospectus and Future trends August 2011, National.
17. Attended workshop on All India Workshop on Training of Intelligent Robots & Embedded Systems,Madina Engineering College, Kadapa held on 4 & 5 September 2009, Embedded System Application in Automobile Industry September 2009,National.
18. Attended Two day workshop on All India Workshop on Training of Intelligent Robots & Embedded Systems,Madina Engineering College, Kadapa held on 4 & 5 September 2009, Embedded System Application in Automobile Industry September 2009,National
19. Attended Two day Workshop on Professional Approach to the Corporate WorldIntell Engineering College, Anantapur on 2 & 3 August 2008, Designing and Fabrication of low cost MEMS,August 2008,National.
20. Attended one day workshop on National Level Workshop on Recent Trends in VLSI Design, Intell Eneering College, Anantapur on 9 August 2007,Recent Trends in VLSI Design,August 2007,National.
21. Attended workshop on One Day Short term course on "Cellular and Mobile Communication", Bhoj Reddy Engineering College for Women, Hyderabad on 15 to 17 February 2006 An Emerging Technology in Wireless Communication, February 2006,National.
22. Attended workshop on Electronics Circuit Simulation using Pspice and VLSI Design Using VHDL, Sri Kottam Tulasi Reddy Memorial College of Engineering held during 7-9 August 2004, Use breadboard to build a simple Electronic Project and Simulate it using Pspice Software August 2004,National.

23. Attended workshop on Two Day Workshop on Image Processing & Computer Vision Intell Engineering College held on 25 & 26 September 2004, Human Face Recognition using Neural Networks, September 2004, and National.

**Blog Tab:**

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