



POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO COLLEGE OF ENGINEERING & TECHNOLOGY

Sponsored by: SKPVV Hindu High School Committee, Estd: 1906
(Approved by AICTE Affiliated to JNTU Kakinada)

ISO 9001:2015 Certified

Raghavareddy Street, Kothapeta, Vijayawada-520001.

Andhra Pradesh, India. Phone: 0866 -2423442.

Email: info@pscmr.ac.in; URL: www.pscmr.ac.in

FACULTY PROFILE

Dr. Shaik Akbar

S/o S.A.Rahman

S.N.Puram

Gudivada

Mobile: 9948033466

Email: dr.shaikakbar@gmail.com



Experience:

Teaching: 16+ Years

Industry: 2 Years

Career Profile

Year	Organization	Role
2017 to Till date	PSCMRCET	Professor
2015-17	ALIET	Professor
2013-15	VCEW	Professor
2010-13	SVIET	Associate Professor
2008-10	VKR & VNB	Associate Professor
2006-08	Xpediate Technologies	Software Engineer
2004-06	GEC	Assistant Professor
1999-2002	A.N.R,P.L & V.K.R & V.N.B	Lecturer

Qualification

Degree and Date	Board / University	Date of Completion	% Marks
Ph.D (CSE)	GITAM	December,2014	
M.Tech(CST)	Andhra	July,2004	72%

The subjects handled:

1. C Programming
2. Data Structures
3. Advanced Data structures
4. Object Programming through C++
5. OOP through Java
6. System Programming
7. Software Engineering
8. Software Testing Methodologies
9. Software Project Management
10. e-Commerce
11. DSAA
12. Computer Networks
13. OOAD

Certifications

Certification	Date Certified
IIT Bombay- C++ training	11 th April 2017
APHRDI - Municipal Waste Management System	6 th – 8 th April,2017
IBM - <i>OOAD with Essentials of Rational Software Architect</i>	10-12 January 2011

Affiliation to Professional Bodies

- Senior Member, Universal Association of Computer and Electronics Engineers (UACEE), U.S.A - SNM10100057837
- Senior Member, International Engineering and Technology Institute (IETI), Hong Kong – 20160164CC
- Senior Member, International Economics Development Research Centre (IEDRC), Hong Kong - 16090576
- Member, The Institution of Electronics and Telecommunication Engineers (IETE), INDIA.
- Member, Seventh Sense Research Group (SSRG), INDIA – 1318
- Member, Internet Society (ISOC), U.S.A- 139687
- Member, Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (ICST), Europe -763661
- Member, Computer Science Teachers Association (CSTA), U.S.A -300001220
- Member, International Association of Engineers (IAENG), Hong Kong -174826

Publications

- Dr.Shaik Akbar, N. Jhansi Rani, S. Divya, P.D.S.L.Pravallika and P. Sravya, ***“IoT Based Automatic Humanoid Detective System Using Modified HAAR Classifier”***, International Journal of Trend in Research and Development (IJTRD) Volume 5(3), ISSN: 2394-9333, pp.19-23, May –June 2018.
- Dr.Shaik Akbar, K. Spandana, K. NageswaraRao, ***“Big Data Cyber Security Threats for Mutual Detection”***, International Journal of Pure and Applied Mathematics (IJPAM), ISSN:1311-8080 (printed); ISSN: 1314-3395 (on-line), Volume 114, No. 11, pp. 19-26, September, 2017. Scopus Indexed Journal.
- Dr.Shaik Akbar, ***“Big data Methodologies based on Data Analysis”***, International Journal of Trend in Research and Development (IJTRD) (2394-9333) Volume.4.Issue.4, pp.11-16, July-August 2017. UGC Approved Journal List No:47983.
- Dr.Shaik Akbar, ***“An Online Application for Employee Grievance Cell for South Central Railway”***, International Journal of Computer Science & Mechatronics (IJCSM) (2455-1910) Volume.III.Issue.1, pp.11-16, March 2017.

- Dr.Shaik Akbar, T. Srinivasarao, ***“A Hybrid Scheme based on Big data Analytics using Intrusion Detection System”***, Indian Journal of Science and Technology(INDJST) ISSN (Print) : 0974-6846 ISSN (Online): 0974-5645, Volume 9(33), September 2016, PP:1-4 -Scopus Indexed Journal.
- Dr.G.Sridevi, Dr.Shaik Akbar, ***“Burr Type X Software Reliability Growth“***, Asian Journal of Information Technology (AJIT) ISSN 1682-3915 (Print), 1993-5994 (Online), Volume 15(16), PP: 2988-2991, 2016 – Scopus Indexed Journal.
- Dr.Shaik Akbar, Sam Abrahmbob, ***“To Study the Influence of Resource Allocation on the Average Querying Delay to Reduce the Average Querying Delay”***, International Journal of Research Studies in Computer Science and Engineering (IJRSCSE) 2349-4840, ISSN(online): 2349-4859, Volume 3, Issue 3, 2016. PP:1-4.
- Dr.Shaik Akbar, ***“A Novel Method for Issuing Certificates Online [For Technical Education]”***, International Journal of Computer Science & Mechatronics (IJCSM) (2455-1910) Volume.II.Issue.I, pp.11-16, February 2016.
- Shaik Akbar, Dr.J.A.Chandulal, Dr.K.Nageswara Rao, G.Sudheer Kumar, ***Improving Network Security using Machine Learning Techniques”***, Institute of Electrical and Electronics Engineers Xplore (IEEEXplore) (978-1-4673-2481-6), pp:76-80, December 2012.
- Shaik Akbar, Dr.K.Nageswara Rao, Dr.J.A.Chandulal, ***“Machine Learning Techniques for Intrusion Detection System”***, International Journal of Computer Science and Information Security (IJCSIS) (0975 – 8887) Volume 10– No.4, pp. 85-92, April 2012 and selected best paper.
- Shaik Akbar, Dr.K.Nageswara Rao, Dr.J.A.Chandulal ***“Implementing Rule based Genetic Algorithm as a Solution for Intrusion Detection System”***, International Journal of Computer Science and Network Security (IJCSNS) (1738-7906), Vol.11- No.8, pp. 138-144, August 2011.
- Shaik Akbar, Dr.J.A.Chandulal, Dr.K.Nageswara Rao, G.Sudheer Kumar, ***“Troubleshooting Techniques for Intrusion Detection System using Genetic Algorithm”***, International Journal of Wisdom Based Computing (IJWBC) (2231-4857), Vol. 1(3), pp.86-92, December 2011.
- Shaik Akbar, Dr.K.Nageswara Rao, Dr.J.A.Chandulal, ***“Intrusion Detection System Methodologies Based on Data Analysis”***, International Journal of Computer Applications (IJCA) (0975 – 8887) Volume 5– No.2, pp. 10-20, August 2010.

Conferences, Seminars, Workshops & Guest Lectures Attended

- Dr.Shaik Akbar, K.Spandana, Dr.K.Nageswara Rao, ***“Big Data Cyber Security Threats for Mutual Detections”***, attended an International Conference on Contemporary Engineering and Technology 2017, (ICCET 2017), Potti Sri Ramulu Chalavathi Mallikarjuna Rao College of Engineering and Technology, Vijayawada, India, March 31 to April 1, 2017 presented and selected best paper award.

- Shaik Akbar, Dr.J.A.Chandulal, Dr.K.Nageswara Rao, G.Sudheer Kumar, ***“Improving Network Security using Machine Learning Techniques”***, IEEE International Conference on Computational Intelligence and Computing Research (2012 IEEE ICCIC), Tamilnadu College of Engineering, Coimbatore, India, December 18 to 20, 2012.
- Shaik Akbar, Dr.J.A.Chandulal, Dr.K.Nageswara Rao, G.Sudheer Kumar, ***“Troubleshooting Techniques for Intrusion Detection System using Genetic Algorithm”***, International Conference on Wisdom Based Computing and Communications (WCAC 2011), Kuala Lumpur, Malaysia, December 2011.

National Journal Publications

- Shaik Akbar, Dr.J.A.Chandulal, Dr.K.Nageswara Rao, ***“Network Intrusion Detection System- A Solution for Rule Based Genetic Algorithm”***, Attended a National Conference on Recent Advances on Soft Computing and Knowledge Discovery (SCKD2K12), Tirupati, January, 2012, pp. 195-201. ISBN: 978-93-81177-13-6, IKON Books, New Delhi.

National Conference

- Shaik Akbar, Dr.J.A.Chandulal, Dr.K.Nageswara Rao, ***“Intrusion Detection Systems for Enhanced C4.5 and Genetic Algorithms”***, Attended a National Conference on Artificial Intelligence, Robotics and Embedded Systems (AIRES-2012), Conducted by Andhra University(A.U), Viskhapatnam from 29-30 June, 2012 and Presented a paper.
- Shaik Akbar, Dr.J.A.Chandulal, Dr.K.Nageswara Rao, ***“Network Intrusion Detection System- A Solution for Rule Based Genetic Algorithm”***, Attended a National Conference on Recent Advances on Soft Computing and Knowledge Discovery (SCKD2K12), conducted by Sri Venkateswara University (SVU), Tirupati from 19-21 January, 2012, pp. 195-201 and presented a paper.
- Shaik Akbar, G.Sudheer Kumar, ***“Relevance of Genetic Algorithm in Intrusion Detection System”***, Attended a National Conference TRACS-2010, Conducted by Aditya Engineering College, Surampalem, Kakinada from 24th & 25th September,2010 and presented a paper.
- Dr. Shaik Akbar, Dr. Md.Ali Hussain, T.Srinivasarao, ***“A Review on class Imbalanced Learning Problems and Related Methods in Big Data”***, National Conference on Recent Trends and Technologies in Data Science and Artificial Intelligence (NCTDA-2016), Bholderwah Campus University of Jammu.

Workshops/Seminars/Training/FDP Attended

- One Day Workshop on ***“Programming Methodologies”***, 15th September 2005, PVP Siddhartha Institute of Technology, Vijayawada.
- Two Day Workshop on ***“Software Project Management”***, 28-30 April 2006, Gudlavalleru Engineering College, Gudlavalleru.
- Two Weeks Faculty Enablement Program on ***“Foundation Program – Generic Courses”***, April 2,2006 to April 14,2006, Infosys Technologies Ltd., Hyderabad for IEG-JKC.

- One Day Workshop on **“Embedded Systems”**, 23rd August 2008, PVP Siddhartha Institute of Technology, Vijayawada.
- Two Weeks AICTE Sponsored FDP on **“Wireless Networks”**, 8th -19th June, 2009, Vignan University, Guntur.
- Attended One Day Seminar on **“Environmental Pollution Remedies”**, 28th August 2009, V.K.R & V.N.B Engineering College, Gudivada.
- One Day Workshop on **“Key to Success”**, 28th August 2009, V.K.R & V.N.B Engineering College, Gudivada.
- Two Days FDP on **“Recent Advances In Modeling Language & Network Programming”**, 3rd – 4th December, 2010, Narasaraopeta Engineering College, Narasaraopet.
- IBM Three Days Training Program on **“OOAD with Essentials of Rational Software Architect”**, 10-12 January 2011, Sri Vasavi Institute of Engineering and Technology, Nandamuru.
- One Day Workshop on **“Soft Computing”**, 27-1-2012, Adikavi Nannaya University, Rajahmundry.
- Attended Two Day Workshop on **“Animation Value Chain and Latest Trends in Data Mining & Data Warehousing”**, 18-19 February 2012, Sri Sai Madhavi Institute of Science & Technology, Mallampudi.
- Two Day Workshop on **“Soft computing Techniques & Data Engineering”**, 30-31 March, 2012, GITAM University, Hyderabad.
- Two Day Seminar on **“Cloud Computing”**, 7-8 September, 2012, GITAM University, Visakhapatnam.
- One Week Faculty Enablement Program, 8th -12th July, 2013, Swarnandhra College of Engineering & Technology, Narsapur Conducted by Infosys Limited.
- One Day Workshop on **“TRENDY HTML5”**, 1-February, 2014, KLU University, Vijayawada.
- One Day IEEE Workshop on **“Understanding 5G”**, 8th August 2015, PSCM Engineering College, Vijayawada.
- Three Days FTP on **“Groove on Grails”**, 21-24 March 2016, Andhra Loyola Institute of Engineering and Technology, Vijayawada.
- One Week FDP on **“Outcome Based Education”**, 06-11 June 2016, Organized by Electronics & ICT Academy, NIT, Warangal, Dhanekula Institute of Engineering & Technology, Vijayawada.
- One Day Orientation Program on **“NBA”**, 6 June 2016, Andhra Loyola Institute of Engineering and Technology, Vijayawada.

- One Day Workshop on "**Data Structures**", 15 July 2016, Andhra Loyola Institute of Engineering and Technology, Vijayawada.
- Two Day Workshop on "**Big Data Analytics**", 22nd & 23rd July, 2016, Andhra Loyola Institute of Engineering and Technology, Vijayawada.
- One Week FDP on "**Big Data Analytics**", 2-6 August, 2016, Shri Vishnu Engineering College for Women, Bhimavaram.
- One Week FDP on "**Software Testing**", 7th -11th September, 2016 Shri Vishnu Engineering College for Women, Bhimavaram.
- Three Day Residential Training Programme on "**Municipal Waste Management System**", 6th – 8th April, 2017, Andhra Pradesh Human Resource Development Institute (APHRDI), Government of Andhra Pradesh, Bapatla.
- Certificate for Completion of C++ training, offered by Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India, 11th April 2017.
- Two Day National Symposium on "**Smart Cities Challenges & Opportunities**", Organized by ITAAP, 5th & 6th May 2017, Fortune Murali Park, Vijayawada.
- One Day Workshop on "**Block Chain Technology**", Organized by PSCMRCET, Vijayawada, 15th July 2017.
- Two Day Workshop on "**3-D Printing**", Organized by PSCMRCET, Vijayawada, 20th -21st February 2017.

Guest of Honor

- Delivered Lecture on "**Computer Organization**" for M.C.A Students, 1-2 November 2008 and 8-9 November 2008, **Krishna University**, Machilipatnam.
- Chaired a Technical Session in International Conference on Contemporary Engineering and Technology 2017, (ICCET 2017), Potti Sri Ramulu Chalavathi Mallikarjuna Rao College of Engineering and Technology, Vijayawada, India, March 31 to April 1, 2017.
- Invited as Guest for International Conference on Recent Research Approaches in Engineering, Management and Multidisciplinary Studies (ICRRAEMMS -2017), Hotel Ilapuram, Vijayawada, India, April 29th 2017.
- Chaired a Technical Session in National Science Congress 2017, Andhra Pradesh State Council of Science & Technology (APCOST), Vijayawada, November 20th 2017.

Events organized/ Conducted

- One Day Workshop on "**Data Structures**", 15 July 2016, Andhra Loyola Institute of Engineering and Technology, Vijayawada.
- Two Day Workshop on "**Big Data Analytics**", 22nd & 23rd July, 2016, Andhra Loyola Institute of Engineering and Technology, Vijayawada.
- IBM Three Days Training Program on "**OOAD with Essentials of Rational Software Architect**", 10-12 January 2011, Sri Vasavi Institute of Engineering and Technology, Nandamuru.
- One Day Workshop on "**Key to Success**", 28th August 2009, V.K.R & V.N.B Engineering College, Gudivada.

Chief Technical Advisory Board Member/ Editor in Chief / Advisory Board Member / Editorial Board Member / Technical Committee Member / Senior Member / Member

- International Journal of Computer Trends and Technology (IJCTT)
- International Journal of Research Studies in Computer Science and Engineering (IJRSCSE)
- International Journal of Mathematics Trends and Technology (IJMTT)
- International Journal of Computer Science & Mechatronics (IJCSM)
- Review Committee Member, The International Arab Journal of Information Technology (IAJIT)
- Review Board Member, International Journal of Engineering Research & Technology (IJERT)
- International Journal of Computer Science and Programming Language (IJCSPL)
- International Journal of Software Computing and Testing (IJSCT)
- International Journal of Information Security and Software Engineering (IJISSE)
- International Journal of Emerging Technology & Advanced Engineering (IJETAE)
- International Journal of Advance Research and Development (IJARnD)

Text Books Published

Book Title: JAVA - A Building Approach through Object Oriented Programming
 ISBN (Print): 978-81-933199-0-1
 Published: January, 2017
 Publications: Veda Publications

Book Title: Python Programming
ISBN (Print): 978-93-859834-5-0
Published: September, 2017
Publications: SciTech

Book Title: Enhanced Intrusion Detection System using Machine Learning Techniques
ISBN (Print): 978-620-2-09608-9
Published: December, 2017
Publications: LAP LAMBERT Academic Publishing

Book Title: Problem Solving and Python Programming
ISBN (Print): 978-93-85983-66-5
Published: August, 2018
Publications: SciTech

CITATIONS

Citation Indices	All	Since 2013
Citations	46	40
h-index	3	3
I10-index	2	2

CITATION URL: <https://scholar.google.co.in/citations?user=Kv0XoisAAAAJ>

Achievements

- Certificate of Appreciation as Most Active Reviewer of The International Arab Journal of Information Technology (IAJIT) for the year 2016, 2017.
- Certificate of Appreciation as Contributing Excellence in Academics of PSCMRCET, Vijayawada for the year 2017-18.

(Dr. Shaik Akbar)
Signature