



ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY
(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)
Rajampet, Annamayya District, A.P – 516126, INDIA

Faculty Profile



Basic Information:

NAME : Dr.M.Subba Rao
DESIGNATION : Professor and Head
DEPARTMENT: CSE
DATE OF BIRTH : 04.06.1979
DATE OF JOINING : 25.07.2000
EMAIL ID : msraoswap@gmail.com
EMPLOYEE ID : AITS121001

Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph. D.	JNTUA University, Ananthapuramu	2021
M. Tech.	JNTUACEA, Anantapuramu with 78%	2005
B. Tech.	N.B.K.R.I.S.T., Vidyanagar, Nellore with 65.14%	2000
Intermediate	Sri Naga Bhairava Junior College, Ongole with 91%	1996
S.S.C	A.P.R.S. Ganapavaram, Prakasam Dt. ith 86%	1994

PROFESSIONAL EXPERIENCE:

College Name	Designation	Period	
		From	To
Annamacharya Institute of Technology and Sciences, Rajampet, Kadapa Dt.	Lecturer in CSE	25-07-2000	26-07-2003
	Assistant Professor in CSE	27-07-2003	11-12-2005
	Associate Professor in CSE	12-12-2005	31-08-2009
	Associate Professor & Head of the Department, Information Technology	01-09-2009	30-11-2011
	Professor & Head of the Department, Information Technology	01-12-2011	18-12-2016
	Professor in Information Technology & Coordinator, Student Welfare, AITS	19-12-2016	30-06-2018



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	Professor in Artificial Intelligence and Data Science and Dean of Student Affairs, AITS	01-07-2018	31-07-2021
	Professor in CSE & Dean, Student Affairs, AITS	01-08-2021	07-01-2022
	Professor in CSE & Dean, Student Affairs, In-charge for Non-statutory and Professional Bodies, AITS	08-01-2022	19-07-2022
	Head of the Department of CSE, Coordinator for AIDS,AIML,CSE(AI) and CSE(DS), Dean, Student Affairs, In-charge Dean for Non-statutory and Professional Bodies, AITS	20-07-2022	Till date

TOTAL EXPERIENCE:

Total Teaching experience: **25 Years**

Total Research experience: **16 Years**

Research Details:

1. Areas of Specialization	:	Artificial Intelligence, Neural Networks and Machine Learning & Pattern Recognition
2. No. of Publications	:	31
3. Awards Received	:	6
4. Research Guidance		
	No. of PhD Guided:	7 (Guiding)
	No. of MTech. Guided:	14
	No. of B.Tech. Guided:	51
5. Details of Professional Membership:		CSI - F8004689 ISTE - LM 61834 IACSIT - 80337954 IAENG - 114342 SDIWC - 1005
6. Subjects Taught	:	1. Formal Languages & Automata Theory/ Theory of Computation 2. Compiler Design/Language Processors 3. Mathematical Foundations of Computer Science 4. Design and Analysis of Algorithms 5. Software Engineering 6. Simulation and Modeling 7. System Programming 8. Soft Computing 9. Image Processing 10. Automata and Compiler Design 11. Neural Networks and Applications 12. Artificial Intelligence



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	13. Artificial Intelligence & Fuzzy Logic 14. Data Structures Through C 15. C And Data Structures 16. Artificial Neural Networks 17. Object Oriented Analysis and Design 18. Design Patterns 19. Computer Organization 20. Principles of Programming Languages 21. Operating Systems 22. Switching Theory and Logic Design 23. Network Security and Cryptography 24. Software Testing Methodologies 25. Artificial Intelligence and Expert Systems 26. Machine Learning 27. Soft Computing Techniques 28. Artificial Intelligence and Neural Networks 29. Advanced Algorithms and Analysis 30. Soft Computing 31. Natural Language Processing
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Publication Details:

Title	Publisher	Published Year
Enhancing transparency and fairness in scalable machine learning models through explainable transfer learning with BIAS Mitigation	Advanced Emerging Trends and Applications in Management, Science and Technology held on 2 nd and 3 rd May 2024	2024
Kullback-Leibler Divergence Based Feature Selection Method for Image Texture Classification	Springer, Lecture notes in Networks and Systems, Volume:897,pp:309-318,	2023
Advancements in liver disease diagnosis: Integrating image quality enhancement, Automated lesion detection, Multi-modal data fusion and AI-driven diagnosis	IJFANS International Journal of Food and Nutritional Sciences, Volume: 11, Issue: 11, 2022 [Scopus Indexed]	2022
Improvement of Noise Removal and Quality of Underwater Images using Super Resolution Method	Telematique, Volume.21, 2022 Issue 1, 4884-4900 [Web of Science]	2022
Analysis of Medical Image data by deep Convolution Techniques and Kernel Density Estimation	Neuroquantology, Volume.20, 2022, Issue 11, 2565-2574	2022
Deep Learning Technique for automatically classifying Images	Mathematical Statistician Engineering Applications, Volume.71, 2022, Issue 4, 2362-	2022



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	2370. ISSN:2094-0343.(Scopus)	
Texture Classification using Minkowski Distance Measure based Clustering for Feature Selection.	Journal of Electronic Imaging, Vol.31.Issue.4, 041204 (2022), DOI: 10.1117/1.JEI.31.4.041204. SPIE Digital Library [SCI]	2022
Sentiment and Emotion Classification using Convolutional Neural Networks with Long Short Term Memory	Dogo Ranging Research Journal, Vol.13,No.1,ISSN:2347	2021
Kullback-Leibler (KL) Divergence Based Feature Selection for Image Texture Classification.	Applications and Applied Mathematics: An International Journal, Volume.9, 2021, Special Issue. ISSN: 1932-9466 [WOS]	2021
Image Texture Classification using Fuzzy Inclusion and Fuzzy Entropy Measures	International Journal of Advanced Trends in Computer Science and Engineering, Volume.9, No.4, August 2020: ISSN: 2278-3091. [SCOPUS INDEXED].	2020
An Improved Convolutional Neural Network with LSTM Approach for Texture Classification	International Journal of Emerging Trends in Engineering Research, Volume.8, No.7, July 2020, ISSN: 2347-3983 [SCOPUS INDEXED]	2020
Automatic Speaker Recognition System using k-Nearest neighbor Algorithm.	Journal of Engineering Sciences, Vol.11, No.4,2020 pp.576-583, ISSN:0377-9254	2020
Support Vector Machine based Automatic Speaker System.	The International Journal of analytical and experimental model analysis, Vol.12, No.4, 2020, pp.526-535, ISSN:0886-9367	2020
Random Forest based Automatic Speaker System.	The International Journal of analytical and experimental model analysis, Vol.12, No.4, 2020, pp.1041-1049, ISSN: ISSN:0886-9367	2020
Automatic Speaker Recognition System using Multi-layer Perceptron Algorithm.	Journal of Interdisciplinary Cycle Research, Vol.12, No.4, 2020, pp.455-463, ISSN: 0022-1945	2020
Global Aggregation Network Nodes for Creation of Transient Networks.	International Journal of Research and Analytical Reviews- IJRAR19D1216, Vol.6, No.4, 2019, pp.463-466, E-ISSN: 2348-1269 P-ISSN: 2349-5318	2019
Global Security using Human Face Recognition System.	International Journal of Research and Analytical Reviews- IJRAR19D1216, Vol.6, No.1, 2019, pp.455-459, E-ISSN: 2348-1269 P-ISSN: 2349-5318	2019



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Using Parser performs Segmentation of Web pages and Extraction of Templates	Journal of Emerging Technologies and Innovative Research, Vol.5, No.5, 2018, 2349-5162.	2018
Weighted Probabilistic Neural Network based Texture Classification.	Journal of Emerging Technologies and Innovative Research, Volume 5, No.4, 2018 ISSN: 2319-5162	2018
Performance Analysis of Statistical and Structural Pattern Recognition Methods.	International Journal of Research and Analytical Reviews, Volume 4, No.4, 2017 ISSN: 2349-5138	2017
Mobile Social TV based on Cloud.	International Journal of Innovative Research in Computer and Communication Engineering, Vol. 2, No.10, October 2014	2014
Texture Classification using Weighted Probabilistic Neural Networks.	International Journal of Image Processing and Vision Sciences, Vol.1, No,2, 2012, pp. 105-108	2012
Probabilistic Neural Network for Brain Tumor classification.	International Journal of Advanced Research in Computer Science and Software Engineering, Vol.2, No.7,2012, ISSN(Print):2277 6451, ISSN(Online):2277 128x	2012
Privacy and Security issues of Cloud Computing	International Journal of Advanced Research in Technology, Vol. 1, No.2, November 2011, pp.38-46.	2011
Performance Analysis of Load Balancing Algorithms using Qualitative Parameters	A Review CiiT International Journal of Networking and Communication Engineering, Volume 3, No.12, 2011, pp.810-814	2011
Performance Analysis of Load Balancing Techniques for Web Server Systems	International Journal of Advanced Research in Technology, Vol.1, No.1, pp.33-37, 2011. ISSN:6602-3127	2011
An Overview of Pattern Recognition Methods on Texture Classification	CiiT International Journals of Artificial Intelligent systems and Machine Learning, Vol.3, No.7, July 2011, pp.426-430, ISSN: 0974-9667.	2011
Comparative Analysis of pattern Recognition Methods: An Overview	Indian Journal of Computer Science and Engineering (IJCSE), Vol. 2, No. 3, 2011, ISSN: 0976-516. [SCOPUS INDEXED]	2011
Comparative Analysis of Pattern Recognition Methods.	National Journal on Information and Communication Engineering, Special Issue, Aug 2011, ISSN: 2231-2099	2011
Reconfiguration of Machine Cell Design in Flexible Manufacturing System: A Neural Network approach.	International Journal of Technology World, Malaysia, Vol.2, No.2, pp.47-55, July-	2010



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August 2010, ISSN: 2180-1614

Patent Details:

Title of Patent	Submitted/Published/Awarded
Method for simultaneous scheduling in multi machine flexible manufacturing system to minimize make span" with Indian Patent No: 202241025473 filed on 30/04/2022 and granted on 16-12-2023.	Published
Machine Learning based Medical device quality checking system" with Indian Patent 202241055275 filed on 01/09/2022 and granted on 27-09-2022	Published

BOOKS:

1. Dr. M. Subba Rao et al, "Hybrid Feature Selection based Machine Learning approaches for Texture Classification", Dreambook Publishing, ISBN: 978-81-19171-82-8.
2. Dr. M. Subba Rao, "Foundations of Deep Learning: Theory and Applications", Indo-Continental Academic Publishers, ISBN: 978-81-965203-0-4.
3. Dr. M. Subba Rao et al, "Foundations of Artificial Intelligence: Theory and its Applications", Libro International Publishers, ISBN: 978-81-971392-4-6.

FUNDS RECEIVED FROM GOVERNMENT AGENCIES:

1. Received an Amount of Rs.4, 50,000/- from AICTE as Grant-in-aid in the proposal submitted under the scheme of MODROBS for the academic year 2013-14.
2. Received an Amount of Rs.2, 00,000/- from AICTE as Grant-in-aid in the proposal submitted under the scheme of Seminar Grant for the academic year 2013-14.

PRESENTED PAPERS IN INTERNATIONAL CONFERENCES:

1. M. Subba Rao, "Enhancing transparency and fairness in scalable machine learning models through explainable transfer learning with BIAS Mitigation", Advanced Emerging Trends and Applications in Management, Science and Technology held on 2nd and 3rd May 2024.
2. M. Subba Rao, B. Eswara Reddy, "Parametric Analysis of Texture Classification using Modified Weighted Probabilistic Neural Network", International Conference on Cybernetics, Cognition and Machine Learning Applications (ICCCMLA2020) held virtually on 30th August 2020.
3. M. Subba Rao, B. Eswara Reddy, "Kullback-Leibler (KL) Divergence Based Feature Selection for Image Texture Classification", International Conference on Advances in Science, Engineering and Mathematics (ICASEM2020) held virtually on 7th August 2020.
4. M. Subba Rao, et al "Reducing Power Consumption at Computer Architectures to improve the performance", International Conference on Advances in Computing Logic, Technology and Sciences, on 11th March 2016 organized by Anantha Lakshmi Institute of Technology and Sciences.
5. M. Subba Rao, "Texture Classification using Weighted Probabilistic Neural Networks", International Conference on Computer Science and Information Technology (ICCSIT) held at Pune by IRNet on 14th, July 2012.
6. K. Ramana, M. Sankara Prasanna Kumar, M. Subba Rao, "A survey on Cloud computing and Service Oriented Architecture", First International Conference on Advanced Computing



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Technology (ICTACT2011), on 29th & 30th July 2011 at J.K.K.Nataraja college of engineering and technology, Chennai.

7. K. Suresh, M. Subba Rao, M. Sankara Prasanna Kumar, K. Ramana "Improved Clustering for the Unlabeled datasets Using CLODD Method", First International Conference on Advanced Computing Technology, on 29th & 30th July 2011 at J.K.K.Nataraja college of engineering and technology, Chennai.
8. K. Ramana, M. Subba Rao, T.N. Ranganatham "Performance Analysis of Load Balancing Techniques for Web Server Systems", First International Conference on Advanced Computing Technology (ICTACT2011), on 29th & 30th July 2011 at J.K.K.Nataraja college of engineering and technology, Chennai.

PRESENTED PAPERS IN NATIONAL CONFERENCES:

1. T. Hari Krishna, N. Geethanjali, M. Subba Rao, "2D HARR Wavelet Transformation for Image Compression", National Conference on Innovations in Engineering & Technology held at Gudlavelleru Engineering College on 27th & 28th December 2013.
2. M. Subba Rao, "Texture Classification using Probabilistic Neural Networks and Weighted Probabilistic Neural", National Conference on Advanced Computing – 2013 held at AITS, Rajampet on 7th & 8th, December 2013.
3. M. Subba Rao, "A Modified Probabilistic Neural Networks for Brain Tumor Classification", National Conference on Networking & Information Technology held at AITS, Rajampet on 12th & 13th, October 2013.
4. M. Subba Rao, "Probabilistic Neural Networks for Brain tumor classification", National conference on Technological Developments in Power Engineering held at Vignan University, Guntur on 17-18, August 2012.
5. M. Subba Rao, "Probabilistic Neural Networks for Brain tumor classification", A Two-day National conference on Advances in Computer Networks & Information Security held at Sree Vidyanikethan Engineering College, Tirupathi on 12-13, July 2012.
6. M. Subba Rao, "An Extensics based Load Balancing mechanism in Distributed Computing Systems", First National Conference on Recent Trends in Information Technology held at R.M.K College of Engineering, Chennai on 20th February 2012.
7. K. Ramana, M. Subba Rao and M. Sankara Prasanna Kumar "Emerging trend impacts on cloud computing and service-oriented architecture" National Conference on Emerging Trends in Engineering applications on 16th May 2011.
8. M. Subba Rao, "Comparative analysis of Pattern Recognition", National Conference on Recent Trends in Information Science, NCRTIS-2K11, at JNN Institute of Engineering on 3rd August 2011.
9. P. Naga Raju, M. Subba Rao, "Incremental Learning of Chunk data for online Pattern Classification Systems", National Conference on High Performance Computing and Networking on 13 & 14, August 2011, ISBN: 978-93-81583-00-5.
10. J. Sathya Babu, M. Subba Rao, "Design of Integrated Multimedia Compression and Encryption Systems", National Conference on High Performance Computing and Networking on 13 & 14 August 2011, ISBN: 978-93-81583-00-5.
11. M. Subba Rao, "Recent Trends in Information Sciences" at J.N.N. Institute of Engineering on 3rd, August 2011.
12. M. Subba Rao, "Texture Classification using Artificial Neural Networks", National Conference on Emerging Trends in Engineering Applications (NCETEA-2011) on 16th May 2011 at Al Habeeb College of Engineering and Technology.
13. M. Subba Rao and D. Prathyusha, "Reconfiguration of Machine Cell Design in Flexible Manufacturing System", National Conference on Emerging Trends in Image Processing, NCETIP'11 on 11th March 2011 sponsored by DRDO, Sri Ram Engineering College, Chennai.
14. M. Subba Rao and P. Srinivas Reddy, "Piracy of digital water marking relational databases" in National Conference on Network Technologies NCNT'09 at Sri Venkateswara College of Engineering & Technology, Chittoor on 29th December, 2009.
15. M. Subba Rao and M. Sreenivas Reddy, "Approach of Proactive Tree Recovery for Overlay Multicast", National Conference on Network Technologies NCNT'09 at Sri Venkateswara College of Engineering & Technology, Chittoor on 29th Dec, 2009.



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WORKSHOPS ORGANIZED:

1. Acted as resource person for six-day' workshop on TechPharm Rx, Navigating Pharmacy with Technology from 28-8-2023 to 2-9-2023.
2. Attended as chairperson for two days National Conference BioPharma Samvaad-2023: Avenue to explore innovative concepts in Pharma and Life Sciences.
3. Acted as organizing chairperson for AICTE Sponsored two-week faculty development programme on "Big Data Analysis and Machine Learning" from 18th to 30th of November 2019.
4. Organized "Pedagogy for Online and Blended Teaching-Learning Process - autumn 2018" from 30th October to 13th December 2018.
5. Organized "Foundation Program in ICT for Education - autumn 2018" from 13th September to 18th October 2018.
6. Organized "Pedagogy for Online and Blended Teaching-Learning Process "from 3rd May to 30th May 2018.
7. Organized "Foundation Program in ICT for Education Process" from 8th March to 12th April 2018.
8. Organized Two-day Weekend Training Programme Saptahaant Shikshak Prashikshan (SSP) on "Introduction to Machine Learning" from 16th December to 17th December 2017 organized by IIT Kharagpur.
9. Organized Two Week ISTE STTP on "Pedagogy for Online and Blended Teaching-Learning Process" from 14th September to 12th October 2017 organized by IIT Bombay.
10. Organized Two Week ISTE STTP on "Foundation Program in ICT for Education" from 3rd August to 7th November 2017 organized by IIT Bombay.
11. Organized Two Week ISTE STTP on "Electric Power System" from 12th July to 15th July 2017 organized by IIT Kharagpur.
12. Organized Two Week ISTE STTP on "CMOS, Mixed Signal and Radio frequency VLSI Design" from 30th January to 04th February 2017 organized by IIT Kharagpur.
13. Organized Four Week AICTE approved FDP on "Use of ICT in Education for Online and Blended Learning "from 2nd May to 10th July 2016 organized by IIT Bombay.
14. Organized Two-Week ISTE STTP on "Introduction to Structural Engineering" from 30th November 2016 to 9th January 2016 organized by IIT Kharagpur.
15. Organized Two-Week ISTE STTP on "Engineering Physics" from 8th December to 18th December 2015 organized by IIT Bombay.
16. Organized Two-Week ISTE STTP on "Technical Communication" from 30th November to 5th December 2015 organized by IIT Bombay.
17. Organized Two Week ISTE STTP on "Environmental Studies" from 2nd June to 7^{12h} June 2015 organized by IIT Bombay.
18. Organized Two-week ISTE STTP on "Introduction to Design of Algorithms" conducted by IIT, Kharagpur from 27th April to 30th May 2015.
19. Organized one day workshop on "Advanced Concepts in Data Mining" conducted by Department of Information Technology, AITS, Rajampet on 17th April 2015.
20. Organized Two-week Short Term Training Programme on "Pedagogy for Effective use of ICT in Engineering Education" conducted by IIT, Bombay from 5th to 31st January 2015.
21. Organized Two-week ISTE Workshop on "Control Systems" conducted by IIT, Kharagpur from 2nd to 12th December 2014.
22. Organized Two-week ISTE Workshop on "Computer Programming" conducted by IIT, Bombay from 20st May to 21th June 2014.
23. Organized Two-week ISTE Workshop on "Computer Networking" conducted by IIT, Bombay from 28th May to 5th July 2014.
24. Organized Two-week ISTE Workshop on "Cyber Security" conducted by IIT, Bombay from 10th to 20th July 2014.
25. Organized a One day Workshop on "Big Data Technologies" conducted by Department of Information Technology, AITS, Rajampet on 24th August 2014.
26. Organized one day workshop on "Cloud Computing" conducted by Department of Information Technology, AITS, Rajampet on 29th January 2013.
27. Acted as coordinator of CIT (Certification in Information Technology) Programme



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organized by IIIT, Hyderabad.

WORKSHOPS ATTENDED:

1. Participated in three days' workshop on "Emerging Trends in Machine Learning" from 07-10-2024 to 09-10-2024.
2. Participated in three days training programme on "AI/ML/Data science" from 03-09-2024 to 05-09-2024.
3. Participated in three days training programme on "Data science and Machine Learning" from 26-03-2024 to 28-03-2024.
4. Participated in three days training programme on "IOT, Robotics and Drone Technologies" from 15-02-2024 to 17-02-2024
5. Participated in AICTE Recognized Short Term Course on" Artificial Intelligence & Optimization through ICT" organized by Department of Electrical and Electronics Engineering, Annamacharya Institute of Technology and Sciences, Rajampet in collaboration with National Institute of Technical Teachers Training and Research, Chandigarh from 21st January 2019 to 25th January 2019.
6. Participated in a two-week training programme on "Pedagogy for Online and Blended Teaching-Learning Process - autumn 2018" from 30th October to 13th December 2018.
7. Participated in a two-week training programme on "Foundation Program in ICT for Education - autumn 2018" from 13th September to 18th October 2018.
8. Participated in a two-week training programme on "Pedagogy for Online and Blended Teaching-Learning Process" (Re-run of FDP201x offered in 2017) from 3rd May to 30th May 2018.
9. Participated in a two-week training programme on "Foundation Program in ICT for Education Process" (Re-run of FDP101x offered in 2017) from 8th March to 12th April 2018.
10. Participated in a Two-day Weekend Training Programme Saptahaant Shikshak Prashikshan (SSP) on "Introduction to Machine Learning" from 16th December to 17th December 2017.
11. Participated in a two-week training programme on "Pedagogy for Online and Blended Teaching-Learning Process" from 14th September to 30th December 2017.
12. Participated in a two-week training programme on "Foundation Program in ICT for Education" from 3rd August to 10th November 2017.
13. Participated in the National workshop on" Popularization of Remote Sensing based Maps and Geospatial Information" organized by Indian Society of Remote Sensing and Indian Space Research Organization on the eve of National Remote Sensing Day on 11th August 2017
14. Participated in a four Week AICTE approved FDP by IIT Bombay on "Use of ICT in Education for Online and Blended Learning "from 2nd May to 10th July 2016.
15. Participated two day Faculty Training Programme on "MATLAB, Simulink & Related Tool Boxes for Engineering Education on 30th January 2016 to 31st January 2016 organized by Annamacharya Institute of Technology and Sciences, Rajampet in collaboration with Capricot Technologies Pvt.Ltd.
16. Participated in Faculty Development Programme on "Implementation of Quality Circles in Education Institutions", held on 23rd January 2016 by Department of Mechanical Engineering, Annamacharya Institute of Technology and Sciences, Rajampet.
17. Participated in a Two-Week ISTE STTP on "Technical Communication" from 30th to 4th December 2015.
18. Participated in a Two-week ISTE STTP on "Introduction to Design of Algorithms" conducted by IIT, Kharagpur from 25th to 30th May 2015.
19. Participated in One day workshop on "Awareness on various programs for Foreign University Collaborations" conducted by JNTUA, Anantapur on 16th May 2015
20. Participated in One day workshop on "Innovations in Technology" conducted by ITE & C Dept., Govt. of AP and JNTUA, Anantapur on 9th December 2015.
21. Participated in a Two-week Short Term Training Programme on "Pedagogy for Effective use of ICT in Engineering Education" conducted by IIT, Bombay from 5th to 31st January 2015.
22. Attended one day workshop on "Big Data Technologies" organized by AITS, Rajampet



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on 24th August 2014.

23. Participated in a Two-week ISTE Workshop on "Cyber Security" conducted by IIT, Bombay from 10th to 20th July 2014.
24. Participated in a Two-week ISTE Workshop on "Computer Networking" conducted by IIT, Bombay from 28th May to 5th July 2014.
25. Participated in a Two-week ISTE Workshop on "Computer Programming" conducted by IIT, Bombay from 21st April to 26th April 2014.
26. Attended one day workshop on "NPTEL Online Certification Courses" conducted by IIT, Madras on 25th February 2014.
27. Attended one day Phase-I workshop on "Training Resource Persons on Outcome Based Accreditation" on 3rd February 2014 at JNTUACE, Pulivendula.
28. Attended 3 day Phase-II workshop on "Training of Evaluators / Resource persons on Outcome based Accreditation" from 1st to 3rd July 2013 at JNTUA, Anantapur.
29. Attended one day workshop on "Cloud Computing" organized by AITS, Rajampet on 29th January 2013.
30. Attended one day workshop on "AICTE Approval Process for the Academic year 2012-13" on 28th October, 2011 at Hyderabad.
31. Attended a two week AICTE sponsored staff development programme on "Pattern Recognition for Medicine: A Knowledge Engineering Approach" at K.S .Rangasamy college of Technology, Tiruchengode from 20th June 2011 to 1st July 2011.
32. Attended a one week AICTE sponsored staff development programme on "Latest trends in Image Processing" at Hindusthan College of Engineering and Technology, Coimbatore held during 6th June 2011 to 11th June 2011.
33. Attended a National workshop on "Virtual Labs" at IIIT, Hyderabad on 25th Feb 2011.
34. Attended "R&D showcase" at IIIT, Hyderabad held on 26th & 27th Feb 2011.
35. Attended a National workshop on "Middleware Technologies, Data Warehousing & Data Mining Techniques" at CBIT, Proddatur on 26th to 27th Feb. 2010.
36. Attended National workshop on "Emerging trends in Image Processing" at Sri Ram Engineering College, Chennai on 18th July 2010.
37. Participated in AICTE Sponsored six-day SDP on "Artificial Intelligence in Power Systems" Annamacharya Institute of Technology & Sciences Rajampet, Kadapa Dt during 3rd to 8th March 2010.
38. Participated in "IEG/JKC FP Restructuring session" at Annamacharya Institute of Technology & Sciences Rajampet, Kadapa Dt on 31st July 2009
39. Attended "Microsoft & IEG/JKC through MANA TV" at Annamacharya Institute Of Technology & Sciences Rajampet, Kadapa Dt on 20th Feb 2009.
40. Attended a Two-week refresher course on "OOAD through UML", sponsored by AICTE, New Delhi at Annamacharya Institute of Technology & Sciences Rajampet.
41. Attended a Two-Day Refresher course on "Digital Image processing" on 7th and 8th January 2006 by AICTE, New Delhi at Sree Sarathi Institute of Technology and Sciences, Nuzivedu.

TECHNICAL /CULTURAL EVENTS CONDUCTED:

1. Convener for National Level Cultural and Technical Student Symposium, TechFest-2024 on 9th and 10th April-2025 organized by Annamacharya University, Rajampet.
2. Convener for National Level Cultural and Technical Student Symposium, CGR Talent Meet-2024, from 3rd and 4th April-2024 organized by AITS, Rajampet
3. Convener for National Level Cultural and Technical Student Symposium, CGR Talent Meet-2023, from 3rd and 4th April organized by AITS, Rajampet.
4. Convener for Techmarathon-2023, from 18th March to 20th March. Organized by AITS, Rajampet in association with Smart Bridge Educational Services Pvt.Ltd.
5. Convener for National Level Technical Student Symposium, ATM-2K21, from 25th Oct to 30th Oct. organized by AITS, Rajampet through online.
6. Convener for 'World Space Week-2019 celebrations' from 4th to 6th October, 2019 by ISRO, SHAR, Srihari Kota.
7. Convener for National Level Technical and Cultural Fest, ATM-2K19, from 14th to 16th



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- February, 2019 organized by AITS, Rajampet.
8. Convener for National Level Technical and Cultural Fest 'MAHOTSAV' from 7th to 9th February of 2018 organized by AITS, Rajampet.
 9. Convener for National Level Technical Symposium, ATM-2K17, organized by AITS, Rajampet.
 10. Convener for National Level Cultural Fest 'KERINTHA-17" from 6th January to 8th January 2017 organized by AITS, Rajampet.
 11. Coordinator of National Level Technical Symposium, ATM-2K16 , from 29th February to 3rd March, 2016 organized by AITS, Rajampet.
 12. Convener for National Level Cultural Fest 'KERINTHA-16" from 10th January to 12th January 2016 organized by AITS, Rajampet.
 13. Organizing Chairman for the one day workshop on "Big Data Technologies" held on 24th August 2014 at AITS, Rajampet.
 14. Convener for National Level Cultural Fest "SANKEERTHANA-14" on 17th & 18th of April 2014 organized by AITS, Rajampet.
 15. Convener for "National conference on Advanced Computing (NCAC-2013)" held on 7th & 8th December 2013 at AITS, Rajampet.
 16. Publicity Chair for the 15th IEEE "International Conference on Advanced Computing Technologies (ICACT)" Organizing by AITS, Rajampet on 21st and 22nd of September, 2013.
 17. Coordinator of National Level Technical Symposium, ATM-2K13 on 8th and 9th March 2013 organized by AITS, Rajampet.
 18. Organizing Chairman for the one day workshop on "Cloud Computing" held on 29th January 2013 at AITS, Rajampet.
 19. Convener for National Level Cultural Fest "SANKEERTHANA-13" on 4th & 5th of January 2013 organized by AITS, Rajampet.
 20. Convener for "National conference on Networking and Information Technology (N²IT-12)" held on 12-13 October, 2012 at AITS, Rajampet.
 21. Coordinator of National Level Technical Symposium , ATM-2K12, on 3th and 4th February 2012 organized by AITS, Rajampet
 22. Coordinator of National Level Technical Symposium, ATM-2K11, on 5th and 6th February 2011 organized by AITS, Rajampet.
 23. Coordinator of National Level Technical Symposium, ATM-2K10, and Decennial celebrations of IT on 26th and 27th , February 2010 organized by AITS, Rajampet
 24. Coordinator of National Level Technical Symposium, ATM-2K9, on 26th and 27th, February 2009 organized by AITS, Rajampet.
 25. Co-Coordinator of National Level Technical Symposium, ATM-2K8, on 26th and 27th, February 2009 organized by AITS, Rajampet.

WEBINARS ATTENDED:

1. Participated in three weeks online faculty development programme on "AWS Cloud Computing Services from 09-09-2024 to 28-09-2024
2. Participated in the webinar "Dr. A.P.J.Abdul Kalam Memorial Global webinar Impact of COVID-19 on the development of Rural Economy-Challenges and Opportunities" on 27th July 2020 organized by JNTUA, Ananthapuramu with the inspiration of Lead India Foundation.
3. Participated in National Level one week Faculty Development Programme on "Artificial Intelligence Applications through Machine Learning" from 14th July to 18th July 2020 organized by Department of CSE, Balaji Institute of Technology and Science, Narsampet, Warangal.
4. Participated a "National Level Quiz on Machine Learning" on 4th July 2020 organized by Department of CSE, Vikas College of Engineering and Technology, Vijayawada.
5. Participated an "International Quiz on COVID-19 Pandemic General Awareness Quiz" on 4th July 2020 organized by Annamacharya College of Pharmacy, Rajampet under IQAC.
6. Participated in one day webinar on" An Overview of Research Impact Metrics" on 25th June 2020 organized by Department of H&S, Annamacharya Institute of Technology and Sciences, Rajampet.
7. Participated in a National quiz on "Datastructures" on 22nd June 2020 organized by



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- Department of CSE, Annamacharya Institute of Technology and Sciences, Rajampet.
8. Participated in a National quiz on "Operating System" on 22nd June 2020 organized by Department of IT, Panimalar Institute of Technology, Poonamallee, Chennai.
 9. Participated in a National quiz on "Computer Networks" on 22nd June 2020 organized by Department of IT, Panimalar Institute of Technology, Poonamallee, Chennai.
 10. Participated in a National quiz on "Database Management Systems" on 22nd June 2020 organized by Department of IT, Panimalar Institute of Technology, Poonamallee, Chennai.
 11. Participated in a National quiz on "Software Testing" on 22nd June 2020 organized by Department of IT, Panimalar Institute of Technology, Poonamallee, Chennai.
 12. Participated in a National quiz on "Web Technologies" on 22nd June 2020 organized by Department of IT, Panimalar Institute of Technology, Poonamallee, Chennai.
 13. Participated in a webinar on "Perspectives on Differences between Problem Solving Approaches: Academia vs. Industry" on 22nd June 2020 organized by Swarnandhra College of Engineering and Technology, Narasapur, E.G, Andhra Pradesh.
 14. Participated in National quiz on "Role of ICT in Education" on 21st June 2020 organized by IQAC, Bharat Institute of Engineering and Technology, Hyderabad, Telangana.
 15. Participated in one day training programme on "Awareness Programme on National Assessment Accreditation Council (NAAC)" on 20th June 2020 organized by IQAC, Bharat Institute of Engineering and Technology, Hyderabad, Telangana.
 16. Participated in one day training programme on "Awareness Programme on National Board of Accreditation (NBA)" on 20th June 2020 organized by Department of CSE, Bharat Institute of Engineering and Technology, Hyderabad, Telangana under ISTE, CSI & ACM Professional chapters.
 17. Participated an "International Quiz on e-Learning" on 20th June 2020 organized by Department of CSE, Bharat Institute of Engineering and Technology, Hyderabad, Telangana under IQAC.
 18. Participated in one day training programme on "Interdisciplinary Research and its importance" on 12th June 2020 organized by Audisankara Group of Institutions, Gudur.
 19. Participated in six days Faculty Development Programme on "Course Structuring, Teaching and Evaluation in HEI as per OBE" in association with ISTE and MHRD Institutions Innovation Council from 11th June to 17th June 2020 organized by Malla Reddy College of Engineering, Secunderbad, Telangana.
 20. Participated in five days online Faculty Development Programme on "Machine Learning and Artificial Intelligence in Data Science" from 8th June to 12th June 2020 organized by Department of CSE, Jaypee Institute of Information Technology, Noida.
 21. Participated in three day workshop on "NAAC Assessment and Accreditation: A Step by step Process" from 28th May to 30th May 2020 organized by GATES Institute of Technology, Ananthapuramu.
 22. Participated in three day online FDP on "Ethical Hacking and Penetration Testing" from 28th May to 30th May 2020 organized by Department of MCA, Sir M. Visvesvaraya Institute of Technology, Bengaluru, Karnataka.
 23. Participated in five day online Training programme on "Impact of Internet of Things on Society" from 25th May to 29th May 2020 organized by Department of CSE, Annamacharya Institute of Technology and Sciences, Rajampet.
 24. Participated in one week Faculty Development Programme on "Advances in Python, Python for Data Science and Cyber Security" in association with IIT, Bombay from 21st May to 27th May 2020 organized by Department of CSE, Chadalawada Ramanamma Engineering College, Tirupathi.
 25. Participated in five days Faculty Development Programme on "Python Programming" in association with spoken tutorial IIT Bombay & MHRD Govt. of India from 18th May to 22nd May 2020 organized by Department of IT, Sona College of Technology, Salem.
 26. Participated in one Week Faculty Development Programme on "ICT Tools" in association with STP-IIT Bombay from 11th May to 16th May 2020 organized by Department of IT, Sri Vidyanikethan Engineering College, Tirupathi.
 27. Participated in five day online Faculty Development Training programme on "Cryptography and Network Security" from 11th May to 15th May 2020 organized by Department of CSE, Panimalar Institute of Technology, Poonamallee, Chennai.
 28. Participated a national Quiz on "COVID-19 General Awareness Quiz" on 10th May 2020



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organized by Vaagdevi College of Engineering, Hyderabad, Telangana.

29. Participated in one day Programme on "India First Leadership Talk" organized by MHRD Institutions Innovation Council on 9th May 2020.
30. Participated in one week online Faculty Development programme on "Intellectual Property Rights" from 5th May to 10th May 2020 organized by Sanjivani College of Pharmaceutical Education and Research, Kopargiaon.
31. Participated in three day online Faculty Development programme on "Machine Learning and Artificial Intelligence" from 4th May to 6th May 2020 organized by Department of CSE, Andhra Loyola Institute of Engineering and Technology, Vijayawada.
32. Participated in four day online course on "Examination Reforms" from 22th to 25th April 2020 organized by AICTE, New Delhi.
33. Participated one day webinar on "IPR Awareness Programme" on 20th April 2020 organized by V.V. Institute of Pharmaceutical Sciences, Gudlavalleru, Krishna Dist.

AWARDS:

1. Received best paper award at International conference on Advanced Emerging Trends and Applications in Management, Science and Technology held on 2nd and 3rd May 2024
2. Received 'Excellence award' for contributing more than 25 years of service in AITS on account of Silver Jubilee Celebrations on 08-01-2025.
3. Received 'Excellence award' for contributing more than 20 years of service in AITS on account of Engineers day-2022.
4. Received 'Best Paper award' for paper "2D HARR Wavelet Transformation for Image Compression", presented at National Conference on Innovations in Engineering & Technology held at Gudlavelleru Engineering College on 27th & 28th December 2013.
5. Received certificate of commitment for demonstrating commitment to promote safety against COVID-19 by World Health Organization (WHO).

GUEST LECTURES:

1. Invited talk in six days workshop on "TechPharm Rx" held at Annamacharya College of Pharmacy, Rajampet from 28-8-2023 to 2-9-2023.
2. Invited talk on "Softskill Development: Information seeking", a three week women entrepreneurship programme sponsored by DST, Minister of Science and Technology, Govt. of India on 1-2-2023.
3. Invited talk on DST-NIMAT Sponsored three day Entrepreneurship Awareness Camp (EAC) organized by Annamacharya College of Pharmacy, Rajampet on 28th-30th January, 2020.
4. Invited talk on DST-NIMAT Sponsored three day Entrepreneurship Awareness Camp (EAC) organized by Annamacharya College of Pharmacy, Rajampet on 28th-30th March, 2019.
5. Guest Lecture on "Formal Languages and Automata Theory" at Chadalawadra Ramanamma Engineering College on 28-09-2015.
6. Guest Lecture on "Compiler Design" at Siddarth Institute of Engineering & Technology on 28-09-2015.
7. Guest Lecture on "Neural Networks" at Sri Sai Institute of Technology and Science, Rayachoti on 27-08-2008.
8. Guest Lecture on "Neural Networks and Fuzzy Logic" at Sri Sai Institute of Technology and Science, Rayachoti on 12-04-2008.

JURY MEMBER:

1. Jury member for Two days National conference: BioPharma Samvaad-2023: Avenue to explore innovative concepts in Pharma and life sciences organized by Annamacharya College of Pharmacy in association with Association of Pharmaceutical Teachers of India (APTI) held on 17th and 18th November 2023.
2. Jury member for the FESTIVITIES 2K12 organized by VITS, Proddatur on 17th March 2012.



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3. Jury member for the SIDDHARTH QUEST – 2K12 organized by SIET, Puttur on 10th March 2012.
4. Jury member for the GMOCS2K13 organized by MITS, Madanapalle on 23rd February 2013.
5. Jury member for the INFOSTAV 2K10 organized by BIT, Kadapa.
6. Jury member for technical fest organized by AITS, Kadapa.

EDITOR/ REVIEWER:

1. Editorial Board Member of International Journal of Recent Technology and Engineering.
2. Editorial Board Member of International Journal of Soft Computing and Engineering
3. Editorial Board Member of International Journal of Innovative Technology and Exploring Engineering
4. Reviewer of 3rd International Conference on Machine Learning and Computing held on February 26-28, 2011 at Singapore.

ACADEMIC ACTIVITIES:

1. Paper Setter and Evaluator for Various Universities and autonomous Colleges like JNTUK, JNTUA, YVU, VCE, RGM and NBKR etc.
2. Acted as Observer for GATE, EAMCET and several government examinations.
3. Board of Studies Chairman for the departments of Computer Science and Engineering and Information Technology in Annamacharya Institute of Technology and Sciences (Autonomous).
4. Member for Academic Council for autonomous college, Annamacharya Institute of Technology and Sciences, Rajampet for three times.
5. Member in R&D Cell, Innovation and Incubation Centre, Admission, Grievance Redressal, Student Counseling and Library committees.
6. Monitoring AICTE, JNTUA and NIRF works every year.
7. As an administrator, active participation in preparation of files for NBA, NAAC and Autonomous.
8. Monitoring AITS cultural Association every year.
9. Worked as Head of the Department for Information Technology for 8 years.
10. Worked as Coordinator for Student Welfare for two years.
11. Have been working as Dean for Student Affairs since 2018.
12. Have been working as Dean for Non-Statutory and Professional Bodies since 2021.