

Faculty Profile



Details

Dr. K. Lavanya
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Education

- B.Tech,CSE,NEC-Nellore,2004
- M.Tech, CSE, JNTUH-Hyderabad, 2010
- Ph.D , CSE,JNTUA-Anantapur, 2020

Work Experience

- Working as an Associate Professor in Department of IT, LBRCE-Mylavaram from 01-09-2020 to Till date.
- Asst. Professor, CSE, 01-10-04 to 31-05-06,NEC-Gudur
- Asst. Professor, CSE, 01-06-06 to 31-03-08 , PECT-Nellore
- Asst. Professor,CSE, 15-04-08 to 11-12-08, MEC-Singarayakonda
- Assistant Professor, IT, 14-12-08 to 31-05-14,LBRCE-Mylavaram , Ratified JNTUK 12-06-2010
- Worked as Sr. Asst. Professor in Department of IT, LBRCE-Mylavaram from 01-06-14 to 31.08.2020.

Certifications

- Got certified from NPTEL online certification course (8 Weeks) on Programming, Data Structures and Algorithms using Python, Jan-Mar, 2017, IIT Madras.
- Got certified from NPTEL online certification course (8 Weeks) on Introduction to Machine Learning, Jul-Sep, 2017, IIT Kharagpur.
- Completed Course on, A Cyber Security Essentials , Cisco Networking Academy, 2018.
- Certificate of Participation ,A Cisco Cybersecurity Learn-A-thon , Cisco Networking Academy, 16th July to 30th July 2018.
- Got certified from NPTEL online certification course (8 Weeks) on Introduction to Programming in C, Aug-Oct,2018, IIT-Kanpur
- Got certified with Elite from NPTEL online certification course (8 Weeks) on Descriptive Statistics with R Software, Feb-Apr,2019, IIT-Kanpur
- Got certified with Elite from NPTEL online certification course (4 Weeks) on Python for Data Science, Aug-Sep,2019, IIT-Madras.

- IBM Developer Skill Networks, A R-Essential , 13 APR 2020.
- IBM initiative Cognitive Class. A Machine Learning with R , 18 APR 2020.
- IBM and Coursera, A What is Data Science ,21 APR 2020.
- AWS Training and Certification, A AWS Academy Cloud Foundations (English),,20 hours,26th April 2020.
- IBM and Coursera ,A Tools for Data Science,31 MAY 2020.
- IBM and Coursera, A Python for Data Science ,31 MAY 2020.
- IBM and Coursera ,A Database and SQL for Data Science ,31 MAY 2020.
- IBM and Coursera,A Data Science Methodology ,31 MAY 2020.
- IBM and Coursera ,A Data Analysis with Python,31 MAY 2020.
- Global Certification AWS, A AWS Certified Cloud Practitioner,Issue Date: May 27,2020 ,Expiration Date: May 27,2023.
- Got certified from NPTEL online certification course (8 Weeks) on Data Science for Engineers, Jan-Mar,2020, IIT-Madras.
- Coursera,A Capstone: Retrieving, Processing, and Visualizing Data with Python,31-july 2020 by University of Michigan.

Awards

- Woman Researcher in Science and Technology Award, International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN-2020) during 28th-29th December 2020, JNTU Kakinada, India.
- Women Researcher Award, VDGGOOD Professional Organization in 10th International Scientist Awards on Engineering, Science and Medicine, 26 & 27-Sep-2020 | Hyderabad, India.

Journals

- Dr. K. LavanyaK. HarikaD. MonicaK. SreshtaAdditive Tuning Lasso (AT-Lasso): A Proposed Smoothing Regularization technique for Shopping Sale Price PredictionInternational Journal of Advanced Science Technolo29052020-04-24(scopus)
- Dr. K. LavanyaDevireddy SyamalaKotha Vineetha VaniChoragudi GipsyA Novel SVM-KNN Classifier for Cervical Cancer Diagnosis using Feature Reduction and Imbalanced Learning TechniquesInternational Journal of Psychosocial RehabilitatiVol.24Issue 62020-05-24(scopus)
- Dr. K. LavanyaL. S. S. Reddy B. Eswara ReddyA Study of High-Dimensional Data Imputation Using Additive LASSO Regression ModelInternational Journal of Ambient Computing and Int1022019-04-15(scopus)
- Dr. K. LavanyaL. S. S. Reddy B. Eswara ReddyDistributed Serial Regression Multiple Imputation for High Dimensional Multivariate Data in Cloud EnvironmentJournal of Advanced Research in Dynamical and ContNIL07-Special Issue2018-08-14(scopus)
- Dr. K. LavanyaL. S. S. Reddy B. Eswara ReddyModelling of Missing Data Imputation using Additive LASSO Regression Model in Microsoft AzureJournal of Engineering and Applied SciencesVol 13Special Issue 82018-08-08(scopus)
- Dr. K. LavanyaL. S. S. Reddy B. Eswara ReddyMultivariate Missing Data Handling with Iterative Bayesian Additive Lasso (IBAL) Multiple Imputation in Multicore EnvironmentInternational Journal of Scientific Research in Sc632019-04-03()
- Dr. K. LavanyaP Vamsi NaiduMaking Data Analysis into Incentive Compatibility Mode Using DNCC ApproachInternational Journal of scientific research and m362015-06-05(ugc)

- Dr. K. Lavanya6. CH SIREESHAA New Supportive Approach for Cost Minimization in SWNInternational Journal of Advanced Research in Comp232014-09-11(ugc)
- Dr. K. LavanyaG. Venkata KrishnaMulti-Message Cipher Text Policy Attribute-Based EncryptionInternational Journal of Advanced Research in Comp232014-09-10(ugc)
- Dr. K. LavanyaB NARESH REDDYC NAGA RAJUFramework for Enhancing level of security to the ATM customers with DCT based palm print recognitioninternational Journal of Applied Engineering Research90973-45622014-10-28(scopus)
- Dr. K. LavanyaDEEPIKA KOTHAPALLIAN Efficient Approach for Color Filter Array Interpolation with Statistical Demosaicing FilterInternational Journal of Engineering Associates262013-07-09(ugc)
- Dr. K. LavanyaAnusha.ChSrinivasarao. B, A Comparative Study on Multimodal Biometric System with Compression TechniquesInternational Journal of Advanced and Innovative R292013-07-24(ugc)
- Dr. K. Lavanya C. Naga RajuAn Approach To Enhance Level Of Security To The ATM Customers By Hiding Face Biometric Data Using SteganographyJournal of Information Technology132012-06-21(openaccess)
- Dr. K. LavanyaDr. C. Naga RajuK Subba RaoAN EFFICIENT TECHNIQUE FOR IRIS RECOGNITION BASED ON ENI FEATURESJournal of Information Technology122012-03-24(openaccess)
- K. LavanyaG.V.SureshAn Additive Sparse Logistic Regularization Method for Cancer Classification in Microarray DataThe International Arab Journal of Information Technology1822021-03-01(sci)

Conferences

- Kampa LavanyaL. S. S. Reddy B. Eswara ReddyA Study of High-Dimensional Data Imputation Using Additive LASSO Regression ModelICCIDM 2017711[https://doi.org/10.1007/978-981-10-8055-5_32018-07-04\(\)](https://doi.org/10.1007/978-981-10-8055-5_32018-07-04)

Books

- Kampa LavanyaL. S. S. Reddy B. Eswara ReddyComputational Intelligence in Data MiningISBN 978-981-13-8676-32018-05-15
- Dr.K.LavanyaIntroduction to Data ScienceIMMORTAL PUBLICATIONS978-93-5416-648-82020-09-10

Patents

- Dr.K.LavanyaIANM-Data Analysis: INTELLIGENTDATA ANALYSIS (Academic, Non- Academic) USING MACHINE LEARNING PROGRAMMINGpublished20201028772020-10-19

Workshops/FDPs Attended

- AICTE Sponsored One Week Short Term Training Program on Web Development with Python Django Framework, Ramachandra College of Engineering, Eluru, 16- 20 November 2020. Phase-II
- AICTE Sponsored One Week Short Term Training Program on Web Development with Python Django Framework, Ramachandra College of Engineering, Eluru, 19- 23 October 2020. Phase-I
- Teacher Training Program (TTP) (INHOUSE) on A Network Programming, 30-08-10 to 06-09-2010, LBRCE, Mylavaram.
- ONE DAY WORK SHOP ON A Research opportunities for Women and Young Scientists in engineering, Science & Technology, 18th December -2010, LBRCE, Mylavaram.
- FIVE DAY WORKSHOP ON A Mission 10x , 15th to 19th November 2011, LBRCE, Mylavaram.

- ONE DAY WORKSHOP ON A Advance Mission 10x, conducted by LBRCE, Mylavaram, January 2012.
- CSIR SPONSORED TWO DAY NATIONAL LEVEL WOKSHOP ON A MULTIMODAL BIOMETRICS, From 26-07-2012 to 27-07-2012, Bannari Amman Institute of Technology (BIT)-Sathyamangalam, TN.
- 33. Two day program onA BIGDATA HACKATHON, 30 & 31st January 2014, LBRCE, Mylavaram.
- AICTE SPONSORED SEMINAR On A Service Oriented Architecture and Web Services , LBRCE, Dept. of CSE, AUG 16-17, 2013.
- TEQUIP II SPONSORED A THREE DAY HANDS ON TRAIINGING PROGRAM ON A DIGITAL IMAGE PROCESSING AND PATTERN RECOGNITION USING MATLAB , VRSEC,DEPT OF CSE, JULY 4-6,2013.
- A 7 Day Workshop on A Cloud Computing, Big Data and Hadoop , LBRCE-Mylavaram, DEPT OF IT, JAN 23-29, 2014.
- One week workshop ONA DATA STRUCTURES LBRCE-Mylavaram, DEPT OF IT, DEC 8-12, 2014.
- One Week National level Workshop on A Wireless Sensor Networks and Its Applications , JNTUH College of Engineering, DEPT OF ECEE, MAY 4-9, 2015.
- Two week ISTE STTP on A Introduction to Design and Analysis of Algorithms, conducted by IIT Kanpur ,APR 27th to MAY 30 th ,2015.
- Workshop on A CYBER SECURITY & MALWARE ANALYSIS (Level-1), LBRCE-Mylavaram, DEPT OF IT, OCT 30-31, 2015.
- FDP on A HTML and Python Programming , 6-15th June 2016,organized by E& ICT Academy ,LBRCE Mylavaram.
- Two days workshop on A Outcome-Based Education , 6-7th June, 2017, LBRCE, Mylavaram.
- FDP on A IOT for Emerging Technical Applications , 21-26th November 2016, organized by E& ICT Academy, NIT Warangal.
- Two days national workshop on A Application of IOT in Interactive Teaching-Learning , 10-11th Feb, 2017, GHRIET, Pune.
- Two day international conference on A Computation Intelligence and Data Engineering ,14 and 15 th July,2017,Department of CSE & IT,LBRCE-Mylavaram.
- Cisco Networking Academy A Cybersecurity Essentials course , Department of CSE & IT, LBRCE-Mylavaram.
- One-week FDP on A Artificial Intelligence & Machine Learning during 17th to 21st December, 2018 at LBRCE Mylavaram organized by MNIT Jaipur.
- FDP on A Descriptive Statistics with R Software, Feb-Apr,2019, IIT-Kanpur
- Two Week E-Box Training Program on A Problem solving through C , during 18th-21st NOV, 2019, organized by LBRCE-Mylavaram.
- One day training program on A Soft Skills for Teachers , date: 08-11-2019, organized by department of Information Technology, LBRCE-Mylavaram.
- FDP on A Python for Data Science , Aug-Sep,2019,IIT-Madras.
- One Day Workshop on Arduino by Teaching Learning Centre, ICT at IIT Bombay, 8/2/2020
- One Day Workshop on C and C++, Teaching Learning Centre, ICT at IIT Bombay, 29-02-2020.
- A 4-Day Online FDP on A Data Science and Machine Learning using Python ,organized by the Department of Electronics and Computer Engineering ,K L University,20th â?? 23rd April 2020.
- Webinar on A Examination reforms to complement OBE requirements, organized by the Department of Electronics and Computer Engineering,K L University held on 24th April 2020.
- One day webinar on Enhancing Research Effectiveness using Scopus, Science direct and Mendeley by Kurukshetra

University, Kurukshetra in Collaboration with Elsevier(Under the Aegis of PMMMNMTT, MHRD, Govt. of India on 01.05.2020.

- Quiz on A Online Faculty Program on NBA , organized by Bharati Vidyapeeth College Of Engineering, Navi Mumbai, 05-11-2020. Quiz on National Level Quiz on NAAC , organized by Department of Computer Engineering, P.V.P.P. College of Engineering, Mumbai-22, 27-5-2020.
- Two Week Online Faculty Development Program on A Data Science using Python ,organized by Department of IT in association with Swecha, Lakireddy Balireddy College of Engineering,15-05-2020 to 24-05-2020.
- A One Day Workshop on A Microsoft Teams Usage for Teaching Faculty, organized by Department of Computer Science and Engineering, Lakireddy Bali Reddy College of Engineering (A), Mylavaram on 06/06/2020.
- One Day workshop titled A Knowledge Transfer in YouTube Platform , organized by the Department of Computer Science and Engineering, LBRCE, on 08 June, 2020.
- Online FDP on A Microsoft Power BI , by APSSDC,15-06-2020 to 19-06-2020.
- Faculty Development Program on A Block Chain Technology , by APSSDC, held from July 13th, 2020 To July 17th, 2020.
- Webinar on A Responsible Extended Reality on 23-07-2020, by TECHGIG, Advanced Technology Center in India , Accenture
- Webinar on A Journey from Software Engineer to Dev/Ops on 23-07-2020, by TECHGIG, Senior Software Engineer, Cimpres.
- Webinar on A Trust in the era of cloud computing: Security & Privacy Management on 24-07-2020 , by TECHGIG, Hosted by Global Chief Technology Officer and CEO- HGS MENA, Hinduja Global Solutions (HGS)

Workshop/FDPs Conducted

- Online workshop on NETWORK PROGRAMMABILITY , September 17th - 19th, 2020 at LBRCE, Mylavaram organized by Department of IT for students.
- One day awareness program on Information and Cyber Security , 04th Jan, 2018, organized by Dept. Of IT in association with CDAC-Hyderabad
- Two Day Workshop on Development of Professional Skills, August 17 th & 18 th , 2018 at LBRCE, Mylavaram.
- Three day certification program on A Big Data and Braintech Championship 2018 ,30th ,31st Jan and 1st Feb ,2019,organized by Dept. of IT in association with ELAN ,NVISION ,IIT Hyderabad ,Training Partner Azure Skynet.
- Two days workshop on Amazon Web services, September 23rd & 24th, 2019 at LBRCE, Mylavaram organized by Department of IT in association with APPSDC.

Memberships

- Life Member of Computer Society of India ISTE – LM129167
- Life Member of Computer Society of India CSI – L1501250