

Dr. Phaneendra Kanakamedala Ph.D., M. Tech, M.C.A

Associate Professor, Department of Information Technology,
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ACADEMIC EDUCATION

- Ph.D. in Computer Science and Engineering, Rayalaseema University, July 2023.
- M.Tech. in Computer Science and Engineering, Acharya Nagarjuna University, Guntur, India, 72%, January 2010.
- M.C.A. in Computer Applications, Bharathidasan University, Tiruchirappalli, India, 61%, April 2000.
- B.Sc. in Mathematics, Physics, and Chemistry, Acharya Nagarjuna University, Guntur, India, 62%, April 1997.

PROFESSIONAL QUALIFICATIONS

- A cumulative experience of 23 years in the realms of Education & Training.
- In-depth grasp of course content, skilled in delivering knowledge to diverse student cohorts.
- Exhibit strong capabilities in Communication, Comprehension, Interpersonal, and Organizational proficiencies.

PROFESSIONAL EXPERIENCE

- Working as Associate Professor in Department of Information Technology, Lakireddy Bali Reddy College of Engineering Mylavaram, Krishna (Dist.), AP from July 2023 to till date.
- Worked as Sr. Assistant Professor in Department of Information Technology, LakiReddy Bali Reddy College of Engineering Mylavaram, Krishna (Dist.), AP from June 2007 to June 2023.
- Worked as Lecturer in Dept. of M.C.A, Koneru Lakshmaiah College of Engineering, Vaddeswaram, Krishna (Dist.), AP from Feb 2007 to June 2007.
- Worked as Lecturer at A.G & S.G Siddhartha College, Vuyyuru, Krishna (Dist), AP, from June 2001 to Feb 2007.

COURSES TAUGHT

- Blockchain Technology, Internet of Things, Programming in C.
- Mobile Application Development(Android), Computer Networks.
- Cloud Computing, Distributed Operating System.
- Operating Systems, Computer Organization.
- OOPS through C++, Python, Java.
- Database Management System.
- Other Programming Languages Known: PHP, R Programming.

CERTIFICATIONS

- **Cisco Networking Academy Instructor Trainer for CCNAv7-** ○ Introduction to Networks. ○ Switching, Routing, and Wireless Essentials.
 - Enterprise Networking, Security, and Automation.
- **Cisco Networking Academy DevNet Associate Instructor Trainer.**
- NPTEL ELITE + SILVER Certificate in Foundation of Cloud IoT Edge ML.
- NPTEL ELITE + SILVER Certificate in Introduction to Internet of Things.
- NPTEL ELITE + SILVER Certificate in Programming in Java.
- NPTEL Certificate in Blockchain Architecture Design and Use Cases.
- NPTEL ELITE + SILVER Certificate in Big Data Computing.
- NPTEL ELITE Certificate in CLOUD COMPUTING and TOPPER, top 2%.
- IBM Rational Rose Functional Tester certified by IBM.
- IBM Certified Academic Associate, DB2 9 Database and Application Fundamentals.
- Introduction to Technology-Enabled Learning from Commonwealth of Learning and Athabasca University, Canada.
- Blended Learning Practice from Commonwealth of Learning and Athabasca University, Canada.
- Python for Data Science and AI from Coursera.
- Data Science Methodology from Coursera.
- Getting Started with Go Programming from Coursera.
- Functions, Methods, and Interfaces in Go from Coursera.

PATENTS

- Dr. Annareddy V. N. Reddy, Dr. Kampa. Lavanya, Dr. B. Srinivasa Rao, Dr. E. V. Krishna Rao, **Phaneendra Kanakamedala**, “A Computational System that Computes Network Condition in Cloud Based Software as a Service (SaaS)”,30-12-2022.
- **Phaneendra Kanakamedala**, Dr. Annareddy V N Reddy, Dr. E V Krishna Rao “**A System and Method for Managing Micronutrients and Protection of Crops from Excess Water**”,18-02-2022.
- Mr. I.M.V. Krishna, Mr. B. Surya Prasada Rao, **Mr. Phaneendra Kanakamedala**, Dr. K. Parish Venkata Kumar has published a Patent on “**Expert System for Detecting Drowsiness in Drivers**”, 27-11-2020.

PAPER PUBLICATIONS

- Annareddy V.N. Reddy, Pradeep Kumar Mallick, B. Srinivasa Rao, **Phaneendra Kanakamedala** has published a paper on “ **An efficient brain tumor classification using MRI images with hybrid deep intelligence model**”, The Imaging Science Journal, doi.org/10.1080/13682199.2023.2207892, 11 May 2023.
- **Phaneendra Kanakamedala**, M. Babu Reddy, G. Dinesh Kumar, M. Srinivasa Sesha Sai, P. Ashok Reddy has published a paper on “**Optimal and Virtual Multiplexer Resource Provisioning in Multiple Cloud Service Provider System**”, International Conference on Innovative Computing and Communications, vol 537, ISBN: 978-981-99-3009-8 Springer, Singapore. https://doi.org/10.1007/978-981-99-3010-4_48, ICICC 2023.

- **Kanakamedala Phaneendra**, Abburi Akhil, Triveni Buska, Kandimalla Koteswara Rao & Mallela Sireesha, “**Attribute-Based Storage Supporting Secure Deduplication of Encrypted Data in Cloud.**” In: Pandian, A.P., Palanisamy, R., Narayanan, M., Senju, T. (eds) Proceedings of Third International Conference on Intelligent Computing, Information and Control Systems. Advances in Intelligent Systems and Computing, vol 1415. Springer, Singapore. https://doi.org/10.1007/978981-16-7330-6_7, 15 March 2022.
- **Phaneendra Kanakamedala**, Bhumireddy Anil Reddy, Nannapneni Kavya Sri, Bangari Nadakuditi, K. Jayanth Kumar has published a paper on “**IoT based Agri Soil Maintenance through Micro-Nutrients and Protection of Crops from Excess Water**”, Journal of Physics: Conference Series, doi:10.1088/17426596/1998/1/012016, CONSILIO- Oct-2021.
- **K. Phaneendra**, Bandi Bindu, D Ramesh, G. Sravanthi, G. Naga Mani has published a paper on “**Analysis of Double Quality Guaranteed Scheme for Cloud Broker**”, ISSN:0193-4120, Test Engineering and Management, Page No: - 13319-13324, Volume 83, March/April 2020.
- **K. Phaneendra**, Gutti Sindhuja, K. Akhila, P. Ajay Kumar, Sd. Jalal has published a paper on “**Analysis of Wireless sensor Networks under Cloud Computing Study**”, ISSN:0193-4120, Page No: - 13286-13291, Test Engineering and Management Vol. 83, March/April 2020.
- **K. Phaneendra**, Dr.M. Babu Reddy has published a paper on “**Enhanced and optimal resource provisioning for dynamic service in cloud computing**” ISSN: 2393-9028, IJRECE, vol 6, issue 3, July-Sep 2018.
- **K. Phaneendra**, Dr. M. Babu Reddy has published a paper on “**Linear Regression based Aggressive Resource Provisioning for Cloud Computing**”, International Journal of Research, ISSN: 2236-6124, OCT 2017.
- **K. Phaneendra**, Dr. M. Babu Reddy has published a paper on “**Prototype Survey of Different Resource Provisioning Procedures in Cloud Computing**” in International Journal of Scientific Research in Computer Science, Engineering and Information Technology on July 2016, ISSN: 2456-3307.
- **K. Phaneendra**, Venu Madhav Sunkara has published a paper on “**Parameter Dependent Performance Optimization in Live Migration of Virtual Machine**” in International Journal of Modern Engineering Research (IJMER) Vol.2, Issue.4, JulyAug. 2012 pp-1564- 1571, ISSN: 2249-6645.
- R. Vijaya, K. Phaneendra, G. Rajendra has published a paper on “**Identification of Hidden Relationships among the Data Items by Using Data Mining Techniques**” in International Journal of Advanced Research in Computer Science, Mar-Apr 2012, Vol. 3 Issue 2, p355-362, ISSN: 0976-5697.
- I. Rajendra Kumar, K. Phaneendra, Dr. M. Babu Reddy, G. Rajendra has published a paper on “**Active Scrutiny Techniques for the Reconstruction of Architectural Views**” in International Journal of Advanced Research in Computer Science, Volume 3, No. 1, Jan-Feb 2012, ISSN No. 0976-5697.
- K. Phaneendra, Dr. M. Babu Reddy, G. Rajendra has published a paper on “**Metric Dependent Performance Optimization of Virtual Machine Using Hyper Threading Concept**” is published in an International Journal of Advanced Research in Computer Science, Volume 2, No. 6, Nov-Dec 2011, ISSN No. 0976-5697.

- Sreeram.N, K. Phaneendra has published a paper on "**Implementation of Clustering through Machine learning Tools**" in an International Journal of Computer Science Vol. 8, Issue 1, January 2011, p395-401, ISSN (Online): 1694-0814.

MEMBERSHIPS

- **Life Member Computer Society of India (CSI).**
- Member of Computer Science Teachers Association (CSTA).

WORKSHOPS / TRAINING PROGRAMS ATTENDED

- Participated in Faculty Development Programme on "**Innovation in Recent Trends in Computing**" from 28-11-2022 to 2-12-2022 at JIS University, Kolkata, India.
- Participated in AICTE Training and Learning (ATAL) Academy Online FDP on "**Introductory Data Science and Deep Learning**" from 16/07/2021 to 20/07/2021 at International Institute of Information Technology - Naya Raipur.
- Participated in AICTE Training and Learning (ATAL) Academy Online FDP on "**Data Science**" from 01/07/2021 to 05/07/2021 at Indian Institute of Information Technology, Una.
- Participated in AICTE Training and Learning (ATAL) Academy Online FDP on "**Internet of Things (IoT)**" from 12-10-2020 to 16-10-2020 at Indian Institute of Information Technology Kota.
- Participated in AICTE Training and Learning (ATAL) Academy Online Faculty Development Programme on "**ROBUST AND SCALABLE WEB APPLICATION DEVELOPMENT USING PYTHON**" from 21-09-2020 to 25-09-2020 at Sree Vidyaniethan Engineering College (Autonomous).
- **DevNet Associate Instructor Training** organized by CISCO Networking Academy from 15th to 19th November 2020.
- Participated in Faculty Development Programme on "**AI and Deep Learning**" from 1st July 2020 to 28th July 2020 organized by APPSDC, Government of Andhra Pradesh.
- Participated in Faculty Development Programme on "**Block Chain and Cyber Security: A unique fusion to untangle present-day cybersecurity challenges**" organized by Andhra University College of Engineering (A) under ISEA Project, MEITY - Government of India from 22nd to 26th June 2020.
- Participated in Faculty Development Programme on "**Applied Machine Learning and Deep Learning**" from 15th to 20th June 2020 organized by APPSDC, Government of Andhra Pradesh.
- Participated in ATAL Academy Online Faculty Development Programme on "**ARTIFICIAL INTELLIGENCE**" from 8th to 12th June at National Institute of Technology, Warangal.
- Participated in One Week National Level Online Faculty Development Programme on "**Internet of Things and Artificial Intelligence Applications**" from 1st to 6th June 2020, organized by Department of CSE, KL Deemed to be University, Vaddeswaram, Guntur.
- Participated in AICTE ATAL Academy Online FDP on "**DATA SCIENCES**" from 25-05-2020 to 29-05-2020 at National Institute of Technical Teachers Training and Research, Chandigarh.

- Participated in Five-day online Faculty Development Programme on “**ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**” organized by department of CSE, CMR Technical Campus from 18th to 22nd May 2020.
- Participated in two-day online workshop on “**MODERN METHODS FOR TEACHING-LEARNING PRACTICES**” during 12th & 13th May 2020 organized by Krishna University.
- **CCNAV7 (Module- 1, 2 & 3) Remote Instructor Training Program** held from 18th Apr to 8th May 2020, organized by CISCO Networking Academy.
- Attended AICTE sponsored Two-week Faculty Development Programme on “**MACHINE LEARNING TO DEEP LEARNING: TRENDS & CHALLENGES**” organized by Department of CSE, Lakireddy Bali Reddy College of Engineering, Mylavaram from 4th to 16th November 2019.
- Attended AICTE sponsored one-week Short Term Training Program on “**DEEP LEARNING FOR IMAGE AND TEXT ANALYSIS**” FROM 26th to 31st August 2019 organized by Department of CSE, DVR & Dr. HS MIC College of Technology, Kanchikacherla.
- **Python** workshop on 22nd JUNE 2019 conducted by ICT IIT Bombay
- Attended three-day faculty development programme on “**MOODLE AS ICT TOOL FOR TEACHING AND LEARNING PROCESS**” jointly organized by department of CSE and EEE during November 1st to 3rd 2018 at LBRCE.
- Attended two-day faculty development programme on “**Paradigms of Education – Role of A Teacher and Reflective Teaching**” at LBRCE organized by School of Management Studies on 17th and 18th July 2018 in association with AIMS – AP Chapter.
- Attended FTP on “**AWS Skill Guru Workshop**” at VFSTR Deemed to be University Program on 18th and 19th June 2018.
- Attended Faculty training on “**Advanced Android Development Bootcamp**” organized by APSSDC, Govt. of AP from 7th to 8th December 2017.
- Attended two-day national level workshop on “**OUTCOME BASED EDUCATION**” organized by LBRCE during 6th and 7th June 2017.
- Attended a workshop on “**Google Android Developer Fundamentals**” organized by APSSDC, Govt. of AP from 6th to 10th Sep 2016.
- Attended two-day workshop on “**Cyber security and Malware analysis**” organized by Computer society of India and LBRCE, Mylavaram from 30th and 31st Oct 2015.
- Attended one-week National level workshop on “**Big data analytics using Hadoop eco systems**” organized by Department of CSE from 5th Jan to 11th Jan 2015.
- Attended the one-day workshop on “**Data Structures**” Organized by Department of Information Technology, LBRCE, Mylavaram from 08th Dec to 12th Dec, 2014.
- Attended two-day AICTE Sponsored Seminar on “**Service Oriented Architecture and Web Services**” conducted by LBRCE, Department of CSE on 16th & 17th Aug 2013.
- Attended the six days workshop on “**Advanced computer architecture**” Organized by A.P State Council for Higher Education in association with JNTUK University, Kakinada Conducted at LBRCE, Mylavaram from 02nd to 07th July 2012.

- Attended in “**Mission10X Workshop**” Conducted at LBRCE, Mylavaram from 27th to 31st Mar 2012.
- Attended the workshop on “**Green Energy Systems**” as a part of the 2011 Indo-US Engineering Faculty Leadership Institute from 8th Aug to 12th Aug 2011 at Lakireddy Bali Reddy College of Engineering, Mylavaram, India.
- Attended the course “**Distributed Operating Systems**” 2010 Indo-US Engineering Faculty Leadership Institute from 28th to 2nd June 2010.
- Attended in One day Workshop on “**Research Opportunities for Woman and Young Scientists in Engineering Science and Technology**” on 18th Dec 2010.
- Attended in “**Teacher Training Program**” conducted by LBRCE from 30th Aug to 6th Sept 2010.
- Attended a Workshop on “**Security Issues in Web Technologies**” “conducted by LBRCE on 20th Sept 2010.
- Attended the workshop on “**Distributed Operating systems**” as a part of the 2010 Indo-US Engineering Faculty Leadership Institute from 28th June to 2nd July 2010 at Jaypee Institute of Information Technology, Noida, India.
- Attended the Workshop on “**Network Programming**” “organized by Department of CSE, LBRCE on 31st October 2009.
- Attended the Short-term Training programme on “**Teaching Computer Networks Effectively**” at Indian Institute of Technology Madras, sponsored by AICTE, New Delhi from 16th to 27th June 2008.
- Attended a Seminar on “**Distributed Systems**” on 8th September, 2006 at P.B. Siddhartha College, organized by Computer Society of India, Vijayawada Chapter.
- Participated in the programme on “**Software Testing**” on October 1-2, 2005 organized by Institute of Public Enterprise, Hyderabad.
- Attended Seminar on “**Networking of College Libraries through INFLIBNET**” on 20th & 21st August at P.B Siddhartha College, Vijayawada organized by UGC, SERO, Hyderabad.
- Participated as Enumerator in the survey of 5th Economic Census in Vuyyuru Mandal conducted by Government of India from 01-09-2005 to 15-09-2005.
- Participated in the U.G.C Academic Workshop on Preparation of Question Banks held on 31-03-2005 in A.N.R College, Gudivada and presented a paper on PC Software and Programming in C.

PERSONAL DETAILS

Date of Birth : 23-08-1977.
Language Proficiency : English, Hindi, Telugu.
Nationality : Indian
Marital Status : Married
Father Name : Koteswara Rao Kanakamedala.



Permanent Address : S/o Koteswara Rao, Penamakuru (p.o)
Thotlavalluru (Mandal), Krishna District, A.P., India.
Pin: 521165.
Present Address : FA2, Padmaja Appartment, Raghuram Street,
Mogalrajpuram, Vijayawada, A.P, India, Pin:520010.