









# Dr. Jayakumar Sadhasivam

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 Vellore, Tamil Nadu  India


## RESEARCH

**Research Interest :** Cybersecurity, Web 3.0, Computer Science Education, Distance Learning, Collaborative Learning, Massive Open Online Course (MOOC), Sentiment Analysis, Machine Learning

### > Research Profile

- > Scopus -  [scopus.com/authid/detail.uri?authorId=57198428251](https://scopus.com/authid/detail.uri?authorId=57198428251)
- > Orcid -  [orcid.org/0000-0002-6805-6524](https://orcid.org/0000-0002-6805-6524)
- > Web of Science ResearcherID -  <https://publons.com/researcher/B-5040-2017/>
- > Research Gate -  [researchgate.net/profile/Jayakumar\\_Sadhasivam](https://researchgate.net/profile/Jayakumar_Sadhasivam)
- > Google Scholar -  [scholar.google.co.in/citations?user=aCCuoIAAAAJ](https://scholar.google.co.in/citations?user=aCCuoIAAAAJ)

## PROFESSIONAL EXPERIENCE

Present	Assistant Professor Senior Grade 1, VELLORE INSTITUTE OF TECHNOLOGY, Vellore
Dec 2019	
Nov 2019	Assistant Professor, VELLORE INSTITUTE OF TECHNOLOGY, Vellore
June 2018	
May 2018	Assistant Professor Junior, VIT UNIVERSITY, Vellore
Aug 2010	<ul style="list-style-type: none"><li>&gt; AWS Academy - Training Educator</li><li>&gt; Coordinator for Cisco Centre of Engineering and Excellence (CCoEE)</li><li>&gt; Committee member of Industry Partnership Cell (IPC), VIT Placement</li><li>&gt; Student Mock Reviewer, VIT Placement</li><li>&gt; Served as Committee member for VIT C-DAC Multilingual Course</li><li>&gt; Faculty Coordinator for VIT Mozilla Firefox Club and Design Club (Pixelate)</li><li>&gt; University Level Examination Committee Member</li><li>&gt; Supervised a minimum of 10 undergraduate and postgraduate project students every year.</li><li>&gt; Conducted class and quiz via virtual and online mode.<ul style="list-style-type: none"><li>&gt; Virtual Class Tools : GoToMeeting, Microsoft Team and Zoom</li><li>&gt; Online Quiz Tools : Classmarker.com</li><li>&gt; E-Learning Administration – Moodle, Schoology, Google Classroom, and Google Sites</li><li>&gt; GitHub Classroom for real-time collaboration with students -  <a href="https://github.com/JayakumarClassroom">github.com/JayakumarClassroom</a></li></ul></li><li>&gt; Other Administrative Assignments at VIT<ul style="list-style-type: none"><li>&gt; M.Tech(SE) First Year Faculty coordinator,<ul style="list-style-type: none"><li>— Conducted Online-orientation Program and English Proficiency Test (EPT) for students</li><li>— Allocated courses to students</li></ul></li><li>&gt; Proctor for B.Com (Chinese Students), B.Tech, M.Tech (SE) and MCA</li><li>&gt; Representative for VIT Engineering Entrance Examination (VITEEE)</li><li>&gt; Served as a committee member in VIT Admission Counselling</li><li>&gt; International Relation Office</li><li>&gt; Served as a committee member in VIT Convocation</li><li>&gt; VIT Alumni Association<ul style="list-style-type: none"><li>— Joint Secretary - VIT Vellore Institutional Chapter</li><li>— Committee member</li></ul></li></ul></li></ul>

## VOLUNTEER EXPERIENCE

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Present	<b>Mozilla Firefox</b> <ul style="list-style-type: none"><li>› Mozillian</li><li>› Mozilla Representative (February 25, 2013, to July 01, 2015)</li><li>› Mozilla Honours<ul style="list-style-type: none"><li>› Attended Mozilla Summit 2013 at Santa Clara, California, USA</li><li>› Attended Mozilla Whistler Workweek 2015, Whistler, British Columbia, Canada</li><li>› Mozilla Monument signage in front of San Francisco Mozilla Space</li><li>› about : credits in Mozilla Firefox Web Browser</li></ul></li><li>› Projects involved in Mozilla Community (Firefox Browser - Desktop and Mobile, Thunderbird)<ul style="list-style-type: none"><li>› SUMO (Support Mozilla Products)</li><li>› QA (Quality Assurance)</li><li>› l10n (Localization)</li><li>› Web Maker</li><li>› Bugzilla</li><li>› Open Badges.</li></ul></li></ul>
Present	<b>Support</b> <ul style="list-style-type: none"><li>› Google - Maps and Support Answer</li><li>› Yahoo Answers</li></ul>
Present	<b>Beta Tester</b> <ul style="list-style-type: none"><li>› OS - Mac OS and Ubuntu</li><li>› Mobile - iOS, iOS Apps and Android Apps (The Beta Family)</li><li>› Antivirus - AVG</li></ul>

## SKILLS

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<b>Programming</b>	Python, C, HTML, CSS, Javascript, PHP, MySQL
<b>Frameworks</b>	Bootstrap
<b>Development Tools</b>	Visual Studio Code, Git
<b>UI/UX Design Tool</b>	Figma, Adobe XD
<b>Documentation Preparation</b>	LaTeX (Offline - TexStudio, Online - Overleaf)
<b>Content Management System</b>	WordPress, Blogger, Joomla, and Drupal
<b>Reference Management</b>	Mendely
<b>Video Editor</b>	iMovie, Screen Flow, and Windows Movie Maker
<b>Photo Editor</b>	Photoshop and Gimp (Beginner level)

## EDUCATION

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2019	<b>Ph.D. in Information Technology</b> <b>Title :</b> Hybrid Machine Learning Technique for Massive Open Online Course Using Sentiment Classification and Opinion Analysis for Product Review ( <i>Advisor : Dr. K. Ramesh Babu</i> ) Vellore Institute of Technology, Vellore, Tamil Nadu, India.
2011	<b>PG Diploma in Cyber Security</b> Annamalai University, Chidambaram, Tamil Nadu, India.
2010	<b>Master in Computer Application(MCA)</b> Vellore Institute of Technology, Vellore, Tamil Nadu, India.
2007	<b>BSC in Computer Science</b> Vellore Institute of Technology, Vellore, Tamil Nadu, India.

## AWARDS

- › Received “Research award for the Year 2017” for International and National Journal Publications at Vellore Institute of Technology, Vellore.

## CERTIFICATIONS

### › Core Certifications

- › AWS Certified Cloud Practitioner (AWS ID : JWKDX63JJ2E1QK5R)
- › Cisco Certification Network Associate (CCNA) 640-802 CISCO ID : CSC011769658
- › Certified Ethical Hacker (CEH-v6) 312-50 EC-Council ID : ECC-25469798

### › Online Certifications

- › Cyber Threats and Attack Vectors by University of Colorado System on Coursera.com
- › System Administration and IT Infrastructure Services by Google on Coursera.com
- › Technical Support Fundamentals by Google on Coursera.com
- › MOOC : How to make a MOOC? By Novosibirsk State University (NSU) on Coursera.com
- › Power searcher from Google – PowersearchingwithGoogle.com
- › Big Data for Better Performance - OpenStudy.com
- › Introduction to Cloud Computing – Udemy.com
- › Introduction to SAN and NAS Storage – Udemy.com
- › Effective Time Management Get 10x more done in less time – Udemy.com
- › Setup OS X development environments – Udemy.com
- › How to create personal academic website – Udemy.com

## COURSE TAUGHT

- › Problem Solving and Programming (Python and C)
- › Open Source Programming
- › Internet and Web Programming
- › Web Technologies
- › Web Design Techniques
- › Internet and its Application
- › Reverse Engineering
- › Storage System and Management
- › Software Engineering
- › Software Engineering Process, Tools and Methods
- › Software Project Management
- › Software Development
- › E-Commerce
- › Network and Information Security
- › Database Management Systems
- › Software Security
- › Principles of User Interface Design

2021

2020 N. Sampath, J. Sadhasivam, S. Jayavel, N. S. Chindarmony, and S. Sharma, "Intrusion detection in software defined networking using snort and mirroring," SSRG Int. J. Eng. Trends Technol., vol. 68, no. 4, 2020, doi : 10.14445/22315381/IJETT-V68I4P212S.

J. Sadhasivam, S. Jayavel, and A. Rathore, "Survey of genetic algorithm approach in machine learning," SSRG Int. J. Eng. Trends Technol., vol. 68, no. 2, 2020, doi : 10.14445/22315381/IJETT-V68I2P218S.

J. Sadhasivam and R. B. Kalivaradhan, "An empirical comparison of supervised learning algorithms and hybrid WDBN algorithm for MOOC courses," J. Ambient Intell. Humaniz. Comput., 2019, doi : 10.1007/s12652-019-01190-9.

S. Basheer, S. Mariyam Aysa Bivi, S. Jayakumar, A. Rathore, and B. Jeyakumar, "Machine learning based classification of cervical cancer using K-Nearest neighbour, Random Forest and Multilayer Perceptron algorithms," J. Comput. Theor. Nanosci., vol. 16, no. 5–6, 2019, doi : 10.1166/jctn.2019.7925.

S. Basheer, N. Sampath, J. Sadhasivam, R. Ilampirai, R. Ramya Bharathi, and V. Ilakkiya, "Healthcare android application," J. Comput. Theor. Nanosci., vol. 16, no. 5–6, 2019, doi : 10.1166/jctn.2019.7911.

2019 J. Sadhasivam and R. B. Kalivaradhan, "A hybrid approach for deep belief networks and whale optimisation algorithm to perform sentiment analysis for MOOC courses," Int. J. Adv. Intell. Paradig., vol. X, pp. 1–17, 2019.

N. Sampath, J. Sadhasivam, R. Raj Kumar, M. Sathish Kumar, B. Jeyakumar, and P. V Praveensundar, "Analyzing financial data and mutual funds recommendation by using big data analytics," J. Comput. Theor. Nanosci., vol. 16, no. 5–6, pp. 2414–2418, 2019, doi : 10.1166/jctn.2019.7910.

J. Sadhasivam, S. Jayavel, A. Rathore, A. P. Singh, A. Singh, and J. Cynthia, "Work with streaming data using twitter API to build a job portal," Int. J. Recent Technol. Eng., vol. 8, no. 2 Special Issue 8, 2019, doi : 10.35940/ijrte.B1009.0882S819.

J. Sadhasivam, R. B. Kalivaradhan, and S. Jayavel, "Survey of various algorithms used in twitter for sentiment analysis," J. Crit. Rev., vol. 6, no. 6, 2019, doi : 10.31838/jcr.06.06.69.

J. Sadhasivam and R. B. Kalivaradhan, "Sentiment analysis of Amazon products using ensemble machine learning algorithm," Int. J. Math. Eng. Manag. Sci., vol. 4, no. 2, 2019.

2018 S. Jayave, A. Rathore, and J. Sadhasivam, "Stock prediction using machine-learning algorithms," Int. J. Eng. Adv. Technol., vol. 8, 2018.

- 2017 J. Sadhasivam, "Comparative Study on Web Based Software Project Management Tools," Int. J. Mod. Comput. Sci., vol. 5, no. 6, pp. 5–9, 2017.
- J. Sadhasivam and R. Babu, "MOOC: A Framework for Learners Using Learning Style," Int. Educ. Res. J., vol. 3, no. 2, pp. 21–24, 2017.
- J. Sadhasivam and R. B. Kalivaradhan, "Review on Sentiment Analysis a Learners' Opinion," Iioab - Emerg. trends Comput. Eng. Res., vol. 8, no. 2, pp. 298–303, 2017.
- J. Sadhasivam, S. Jayavel, B. Jeyakumar, and S. Merchant, "HOCS : Host oscommunication service layer," Int. J. Civ. Eng. Technol., vol. 8, no. 11, 2017.
- J. Sadhasivam, M. Alamelu, R. Radhika, S. Ramya, K. Dharani, and S. Jayavel, "Enhanced way of securing automated teller machine to track the misusers using secure monitor tracking analysis," in IOP Conference Series : Materials Science and Engineering, 2017, vol. 263, no. 4, pp. 2414–2418, doi : 10.1088/1757-899X/263/4/042032.
- J. Sadhasivam, M. Kubendiran, P. Tomy, B. Jeyakumar, M. Sathish Kumar, and R. Anusha, "Review of gaming and its evolution over networks," Int. J. Civ. Eng. Technol., vol. 8, no. 11, pp. 61–68, 2017,
- J. Sadhasivam, R. Charanya, S. Harish Kumar, and A. Srinivasan, "Identifying images of handwritten digits using deep learning in H<sup>2</sup>O," in IOP Conference Series : Materials Science and Engineering, 2017, vol. 263, no. 4, doi : 10.1088/1757-899X/263/4/042033.
- C. Rajeswari, A. Asha Jerlin, J. Sadhasivam, S. Nithya, and R. Rohit, "A case study on attack models and privacy models in mining medical datasets," Int. J. Mech. Eng. Technol., vol. 8, no. 11, 2017.
- 2016 J. Sadhasivam, ashJerlin M, and N. S, "Intelligent Interior Mapping using Wall Following Behaviour," Int. J. Trend Res. Dev., vol. 3, no. 6, p. 112, 2016, [Online]. Available : <http://www.ijtrd.com/papers/IJTRD4353.pdf>.
- 2015 S. Nithya, M. Asha Jerlin, R. Charanya, S. Jayakumar, and R. Rathi, "Self restorative cluster head selection in heterogeneous network," Glob. J. Pure Appl. Math., vol. 11, no. 3, 2015.
- 2014 O. Swarnkar, S. Agarwal, S. Jain, M. K. K. Nallakaruppan, and S. Jayakumar, "E-learning through wireless sensor networks using SATCOM and ZRP," Int. J. Appl. Eng. Res., vol. 9, no. 12, pp. 2019–2025, 2014, doi : 10.1166/jctn.2019.7910.
- J. Sadhasivam, "Educational paradigm shift : Are we ready to adopt MOOC?," Int. J. Emerg. Technol. Learn., vol. 9, no. 4, 2014, doi : 10.3991/ijet.v9i4.3756.
- 2012 S. Jayakumar, J. Sadhasivam, S. Jayavel, and N. S, "Automatic Campus Network Management using GPS," Int. J. Comput. Sci. Issues, vol. 9, no. 3, pp. 468–472, 2012.
- 2011 S. Jayakumar, S. Jayavel, and M. Senthilkumar, "Network Security – MAC Address Block," Int. Conf. Netw. Commun. Comput., no. Icncc, pp. 419–422, 2011.

## CONFERENCE PRESENTED/PARTICIPATED

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2020 Participated in one day International Virtual Conference on Immersive Education with VR/AR organized by the Centre of VR/AR, Department of Multimedia, V-Sign School, Vellore Institute of Technology, Vellore on June 25, 2020.

2019 Sadhasivam, J., & Kalivaradhan, R. B. Survey of Various Algorithms used in Twitter for Sentiment Analysis. In Second International Conference on Science and Technology, Engineering and Management, Organized by Kumaraguru College of Technology, Coimbatore, from February 15-16, 2019.

2018 Sadhasivam, J., Jayavel, S., Rathore, A., Singh, A. P., Singh, A., & Cynthia, J. (2018). Work with Streaming Data using Twitter API to Build a Job Portal. In International Conference on Advances In Mathematics, Engineering & Technology (ICAMET-18), Organized by WRF Conference, Melbourne, Australia from December 15-16, 2018.

Jayavel, S., Rathore, A., Bose, I., Bhattacharjee, S., & Sadhasivam, J. (2018). A Survey of Machine Learning Algorithms. In First International Conference on Science and Technology, Engineering and Management, Organized by Kumaraguru College of Technology, Coimbatore, from June 10-12, 2018.

Jayavel, S., Rathore, A., & Sadhasivam, J. (2018). Stock Prediction Using Machine-Learning Algorithms. In First International Conference on Science and Technology, Engineering and Management, Organized by Kumaraguru College of Technology, Coimbatore, from June 10-12, 2018.

## JOURNAL AND CONFERENCE EDITORIAL/REVIEWER MEMBER

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- > Conference Program Committee Member of "2021 International Conference on Computer Engineering and Artificial Intelligence (ICCEAI 2021)"
- > Conference Committee Member of "2nd International Conference on Energy, Power, Environment and Computer Application (ICEPECA 2020)"
- > Advisory Committee Member of the International Research forum for Scientific Research (IRFSR)
- > Editorial member of the International Journal of Scientific Research and Engineering Development (IJSER).
- > Editorial member of the International Journal of Computer Techniques (IJCT).
- > Review Member of International Journal of Learning, Teaching and Educational Research (IJLTER).
- > Review Member of International Journal of Speech Technology(IJST).
- > Review Member of International Journal of Information Technology and Web Engineering (IJITWE).
- > Review Member of International Journal of e-Collaboration (IJeC)
- > Reviewer member of 2020 2nd International Conference on Energy, Power, Environment and Computer Application (ICEPECA2020).
- > Outreach Committee Member of 2nd International Conference on New Achievements in Multidisciplinary Research (ICNAMR-2020).

## INVITED TALKS

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- > Resource Person to Faculty Development Program (FDP) on "Apps for Digital Classroom" organized by Academic Staff College (ASC), VIT University, Vellore on August 17, 2015.

## INTERNATIONAL CARNIVALS ORGANIZED

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- > Served as a faculty organizer in Riviera'20 (International cultural exhibit) at Vellore Institute of Technology, Vellore from February 12-15, 2020.
- > Served as a faculty organizer in Riviera'19 (International cultural exhibit) at Vellore Institute of Technology, Vellore from February 14-17, 2019.
- > Served as a committee member in Riviera'18 (International cultural exhibit) at VIT University, Vellore from February 15-18, 2018.
- > Served as a faculty organizer for Gravitas'17 (International knowledge carnival) at VIT University, Vellore from September 22-24, 2017.
- > Served as a faculty organizer for Gravitas'16 (International knowledge carnival) at VIT University, Vellore from September 23-25, 2016.
- > Served as a committee member in Riviera'14 (International cultural exhibit) at VIT University, Vellore from February 6-9, 2014.

## CONFERENCE ORGANIZED

- Conference Outreach Committee Member of “2nd International Conference on New Achievements in Multidisciplinary Research (ICNAMR-2020)” organized by Institute For Engineering Research and Publication (IFERP) at Coimbatore from February 21-22, 2020.
- Organizing committee member of “International Conference on Emerging Trends in Information Technology and Engineering (ic-ETITE-2020)” at Vellore Institute of Technology from February 24-25, 2020.
- Served as an organizing committee member of “18th International Conference on Intelligent Systems Design and Applications (ISDA-2018) and 10th World Congress on Nature & Biologically Inspired Computing (NaBIC-2018)” at Vellore Institute of Technology in collaboration with MIR Labs (USA) from December 6-8, 2018.
- Served as a committee member of the “8th International Conference on Computational Aspects of Social Networks & 8th International Conference on Soft Computing and Pattern Recognition” at VIT University from December 19-21, 2016.

## WORKSHOP / HACKATHON ORGANIZED

- Served as a Judge for “Smart India Hackathon 2020 - Software Edition” organized by MHRD Govt of India from Aug 01-03, 2020.
- Served as a faculty coordinator for “AI and Cognitive Services” Conducted by the School of Information Technology and Engineering at Vellore Institute of Technology, Vellore on Dec 09, 2019.
- Served as a faculty coordinator for “Geek Hunt” Conducted by Mozilla Firefox Club at Vellore Institute of Technology, Vellore from February 15-16, 2019.
- Served as a committee member to Outreach programme for school students “Young Minds IT Talent Hunt-2018” at VIT on February 10, 2018.
- Served as a Coordinator for workshop and Hack-a-thon on “Bot-a-thon” organized by CISCO CCoEE at VIT University on December 16-17, 2017.
- Served as a faculty coordinator for “Web-a-thon” Conducted by Mozilla Firefox Club at VIT University, Vellore on September 22, 2017.
- Served as a coordinator for the “Makers Party” Conducted by Mozilla Firefox Club at VIT University, Vellore on October 16, 2016.
- Served as a coordinator for “TCS Hack-a-thon” organized by Tata Consultancy Service, Chennai at VIT University on September 23, 2016.
- Served as a committee member in “SANA Boot Camp” organized by Massachusetts Institute of Technology (MIT) at VIT University from July 25-29, 2014.
- Served as a committee member in “Make-a-thon 14” organized by Massachusetts Institute of Technology (MIT) at VIT University from July 25-27, 2014.
- Served as a committee member for “HST. 936 Global Health Informatics” organized by Massachusetts Institute of Technology (MIT) at VIT University from February 8th to May 4th, 2014.
- Served as a committee member for “Workshop on Linux Administration” organized by the School of Computing Science and Engineering at VIT University from September 3-4, 2011.

## WORKSHOP/FDP PARTICIPATION

- **Technical**
  - Half a Day webinar on “Cyber Security with Digital Transformation” Organized by MSME (Govt of India) on Oct 30, 2020.
  - Five Days Web Based FDP on “Soft Computing” organized by the School of Information Technology and Engineering, Vellore Institute of Technology, Vellore on June 22 - 26, 2020.
  - One day national level webinar on “Big Data Analytics” organized by the Department of Computer Science and Applications, C. Abdul Hakeem College, Vellore on Nov 25, 2020.
  - One Day webinar on “Introduction to Machine Learning and Data Preparation Techniques” organized by the School of Information Technology and Engineering, Vellore Institute of Technology, Vellore on July 25, 2020.
  - One Week Online Faculty Development Programme (FDP) on “Evolution of IoT and It’s Real Time Applications” organized by Department of Computer Science and Engineering by Malla Institute of Technology and Science, Hyderabad from July 13 - 17, 2020.
  - Two Days Faculty Development Programme (FDP) on “Ethical Hacking and its Cyber Security” organized by the Academic Staff College, Vellore Institute of Technology, Vellore from March 04-05, 2020.
  - Half a Day Faculty Development Programme (FDP) on “AI and Cognitive Services” organized by the School of Information Technology and Engineering, Vellore Institute of Technology, Vellore on Dec 09, 2019.
  - Half a Day Faculty Development Programme (FDP) on “Microsoft Azure Cloud services” organized by the School of Informa-

tion Technology and Engineering, Vellore Institute of Technology, Vellore on Dec 09, 2019.

- One Day Faculty Development Programme (FDP) on "Web 3.0 and Semantic Web" organized by the Academic Staff College (ASC) at Vellore Institute of Technology, Vellore on Nov 19, 2019.
- Two Days Faculty Development Programme (FDP) on "Building an Open Source Application" organized by the School of Information Technology and Engineering, Vellore Institute of Technology, Vellore from August 22-23, 2019.
- One Day Faculty Development Programme (FDP) on "Trends in Cloud Computing, Cloud Services and Security Enhancements" organized by the School of Information Technology and Engineering, Vellore Institute of Technology, Vellore on Aug 19, 2019.
- Four Days Faculty Development Programme on "JAVA" organized by the Academic Staff College (ASC) at Vellore Institute of Technology, Vellore from July 02-05, 2019.
- Two Days Faculty Development Programme (FDP) on "Machine Learning using Python" organized by the School of Information Technology and Engineering, Vellore Institute of Technology, Vellore from April 29-30, 2019.
- One Day Faculty Development Programme (FDP) on "Cloud Computing: The Present and Future GenX Computing" organized by the School of Information Technology and Engineering, Vellore Institute of Technology, Vellore on April 26, 2019.
- One Day Faculty Development Programme (FDP) on "Big data Analytics in Business Intelligence" organized by the School of Information Technology and Engineering, Vellore Institute of Technology, Vellore on April 08, 2019.
- One Day Faculty Development Programme (FDP) on "Amazon Web Service Architecture and Its Techniques" organized by the School of Information Technology and Engineering, Vellore Institute of Technology, Vellore on April 05, 2019.
- One Day Faculty Development Programme (FDP) on "Natural Language Processing in Augmented Analytics and Data Discovery – An Interdisciplinary Perspective" organized by the School of Information Technology and Engineering, Vellore Institute of Technology, Vellore on March 29, 2019.
- One Day Workshop on "Cyber Security" Conducted by Binghamton University – State University of New York at Vellore Institute of Technology, Vellore on January 29, 2018.
- One Day Faculty Development Programme (FDP) on "SDLC for Safety & Security Projects in Embedded Systems" organized by the Department of Digital Communications and LDRA Bangalore at Vellore Institute of Technology, Vellore on January 11, 2018.
- Two Days Workshop on "Emerging Trends in Theoretical Computer Science" organized by the School of Computer Science and Engineering from December 07-08, 2017.
- One Day Workshop on "Data Analysis using Weka and RapidMiner" Organized by the School of Computing Science and Engineering, VIT University on November 28, 2016.
- Ten Days Faculty Development Programme (FDP) on "Data Science" organized by the School of Information Technology and Engineering, VIT University from June 20-30, 2016.
- Seven Days Faculty Development Programme (FDP) on "Information Technology" organized by the School of Information Technology and Engineering, VIT University from June 19-25, 2012.
- One Day National Workshop on "Practical Challenges in Cloud Computing" organized by the School of Information Technology and Engineering, VIT University on April 03, 2012.
- Two Days workshop on "Android Application Development" organized by Genius Port at VIT University on January 01, 2012.

#### ➤ Academic

- Half a Day Faculty Development Programme (FDP) on Using "Effective use of Moodle for Online Classes" organized by the Academic Staff College, Vellore Institute of Technology, Vellore on July 07, 2020.
- Half a Day Faculty Development Programme (FDP) on Using "MS Teams Effectively for Online Classes" organized by the Academic Staff College, Vellore Institute of Technology, Vellore on July 07, 2020.
- Half a Day Faculty Development Programme (FDP) on "Remote Learning and Online Teaching - Open source ICT Tools" organized by the Academic Staff College, Vellore Institute of Technology, Vellore on May 04, 2020.
- One Day Faculty Development Programme (FDP) on "Industry 4.0 and Transformation of Smart Industries to Industry 5.0/X.0" organized by the School of Information Technology and Engineering, Vellore Institute of Technology, Vellore on Aug 20, 2019.
- Three Days Faculty Development Programme (FDP) on "Instructional and Assessment Characteristics of Outcome-Based Education (OBE) system" organized by the School of Information Technology and Engineering, Vellore Institute of Technology, Vellore from April 02-04, 2019.
- Four Day Faculty Enrichment Programme-2017 organized by Academic Staff College (ASC) at Vellore Institute of Technology, Vellore on July 2017.
- One Day Faculty Development Programme (FDP) on "The Making of Video Lectures" organized by Academic Staff College, VIT University from July 23-24, 2014.



- › One Day Faculty Development Programme (FDP) on “Usage of Apps for Classroom Learning” organized by Academic Staff College, VIT University on July 24, 2014.
- › One Day Faculty Development Programme (FDP) on “Advanced Blogging using WordPress” organized by Academic Staff College, VIT University on April 02, 2013.
- › One Day Faculty Development Programme (FDP) on “Effective Proctoring” organized by Academic Staff College, VIT University on April 02, 2013.
- › Free and Open Source Software (FOSS) Meet conducted at National Institute of Technology (NIT), Calicut, from February 22-24, 2013.

## PROFESSIONAL SOCIETIES

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- › International Computer Science and Engineering Society (ICSES)
- › The International Association of Engineers (IAENG) Society
- › GitHub - Open Source Community Developer
- › Red Hat Academy

## REFERENCES

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### **Dr. K. Ramesh Babu**

*Dean, School of Computer Science and Engineering (SCOPE), VIT, VELLORE*

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### **Dr. A. Anthoniraj**

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### **Dr. J. Senthil**

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