R L JALAPPA INSTITUTE OF TECHNOLOGY

(Affilated to Visvesvaraya Technological University, & Approved by AICTE)

Doddaballapura - 561203, Bangalore Rural District

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Faculty Name	VEENA K
Designation	ASSISTANT PROFESSOR
Area of Interest	ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, INTERNET OF THINGS
Email ID	VEENAK@RLJIT.IN

EDUCATION:

QUALIFICATION	INSTITUTE	BOARD/UNIVERSITY	YEAR OF PASSING	PERCENTAGE
Ph.D(CS&E)	University of Visveswaraya college of Engineering, Bangalore	Bangalore University	Course work is completed	88
M.Tech (CS&E)	S. J. C. Institute of Technology, Chickkaballapur.	Visvesvaraya Technological University, Belagavi.	2012	69.2
BE (IS&E)	R. L. Jalappa Institute of Technology, Doddaballapur.	Visvesvaraya Technological University, Belagavi.	2006	63

TECHNICAL SKILLS:

- Python, Java, C, C++
- Markup Languages
- MySQL

PROFESSIONAL WORK EXPERIENCE:

Professional Work Experience is 15 Years.

PUBLICATIONS:

JOURNAL:

1. Published a paper entitled *"Smart Agriculture using Internet of Things: A Survey"* in IJCRT (www.ijcrt.org), Volume 11, Issue 4 April 2023, Date of Publication: 04-April-2023, UGC Approved Journal No: 49023 (18), PAPER ID: IJCRT2304054.

2. Published a paper titled *"Pest detection using Convolutional Neural Networks"* in Journal of Engineering, Computing, Architecture, An UGC-CARE Approved Group-II Journal, ISSN-No: 1934-7197.
3. Published a paper entitled *"An Automated Fertilizer Intimation System using Colorimetry Principle"*, in Compliance Engineering Journal, An UGC-CARE Approved Group-II Journal, Volume 14, Issue 4, April-2023, ISSN NO: 0898-3577.

NATIONAL CONFERENCE:
1. *"Integration of Wireless Hand-held Devices with the cloud Architecture: Security and Privacy Issues"*, in National Conference in Computer Science & IT. Dept. of CSE, R.L. Jalappa Institute of Technology, Doddaballapur-561203, Bangalore. Paper has been presented and published in the Proceedings, pp 136.
2. *"Development of a Mobile EEG based biometric Authentication System"*, in NCECC-13, Dept. of Computer Science, Information Science and Mathematics, BMSIT, Bangalore. Paper has been presented and published in the Proceedings, pp183.
3. *"An Enhanced Public key Infrastructure for Smart Grids Environment in Wireless Sensor Networks:"* in NCAREC-14 Dept. of ECE, R.L. Jalappa Institute of Technology, Doddaballapur-561203, Bangalore.Paper had been presented and published in the Proceedings.
4. *"A Novel based Intrusion detection system for AODV"* in 9th National Women's Science Congress, R.L. Jalappa Institute of Technology, Doddaballapur-561203, Bangalore, Paper has been presented and published in the Proceedings.

INTERNATIONAL CONFERENCE:
1. *"Influence of Mobiles in analyzing Medical Images"* in International Conference on Computer Science and Information Technology, ICCSIT-2010, Dept. of ISE, R. L. Jalappa Institute of Technology, Doddaballapur, Bangalore on 17th-18th Sept 2010. Paper has been Presented and Published in the Proceedings, PP. 66.
2. *"Optical Packet switched Networks using high performance Multicasting Scheme", in* International Conference on Computer Science and Information Technology, ICCSIT-2010, Dept. of ISE, R. L. Jalappa Institute of Technology, Doddaballapur, Bangalore on 17th -18th Sept 2010. Paper has been Presented and Published in the Proceedings, PP. 511.
3. *"Smart Agriculture using Internet of Things-A Survey", in* 19th Annual/5th International Science Fiction Online Conference (ISFC) 2020 Jointly organized by Bangalore University & Indian Association for Science Fiction Studies on 7th-9th Dec 2020, Participated and presented the paper.

FUNDED PROJECTS:

The Project titled "**An Automated Low Cost IoT based Fertilizer Intimation System for Smart Agriculture**" was selected for funding by **Karnataka State Council for Science and Technology (KSCST)**, Indian Institute of Science, Bangalore – 560012.

FDP/WORKSHOP ATTENDED:

Sl. No	Name of the Program	Date and Place
1.	Artificial Intelligence and Machine Learning: Basics and Principles	22nd-27th March 2021 at S J C Institute of Technology, Chikkaballapur.
2.	Virtual Faculty Development Program on "Android Application Development".	6th-7th June 2020 at Reva University.
3.	Virtual Hands-on Training Program on PYTHON for Data Analysis	17th-19th June 2020 at Reva University
4.	Virtual Faculty Development Program on "Natural Language Processing"	30th June-4th July 2020 at Reva University.
5.	Faculty Enablement Program on "Python Programming through INFYTQ Platform"	6th-13th July 2020 conducted in virtual mode through webinar by Infosys Limited.
6.	Mathematics for Machine Learning	15th-19th July 2019 at Acharya Institute of Technology, Bangalore-560107.

7.	One day Faculty Development Program on "Importance of Research in Present Scenario and Faculty Skills"	19th October 2019 at Sri Devaraj Urs Institute of Management, Doddaballapur.
8.	Python Application Programming	15th-16th February 2018 at R. L Jalappa Institute of Technology, Doddaballapur, Bangalore Rural District.
9.	3 days Faculty development Program on "Applications of Java with ADA & ARM Processors".	23rd jan 2017 to 25th jan 2017 at Sir M Visvesvaraya Institute of Technology, Bangalore-562157.
10.	Building Embedded Linux System	16th-18th September 2016 at R. L Jalappa Institute of Technology, Doddaballapur, Bangalore Rural District.
11.	Agile-Diving Deep into the world of Agility	14th May 2016 at REVA University.
12.	Software Testing (WST-10)	29th -30th January 2010 at REVA Institute of Technology and Management, Bangalore.
13.	06ISL67-File Structure Laboratory	22nd April 2009 at M S Ramaiah Institute of Technology, Bangalore.

CONFERENCE/FDP/WORKSHOP CONDUCTED:

1. Worked as a faculty coordinator for organizing guest lecture on Computer Organization and its Applications for III Semester students on 13/3/2023.
2. Worked as a faculty coordinator for organizing a Faculty Development Program on Artificial Intelligence and Machine Learning for faculties and VII Semester students on 12/10/2022.
3. Worked as a faculty coordinator for organizing 3 days Student Training Program (in association with The Inspire Eminence Pvt. Ltd, Bangalore) on **USSB (Ultimate Student Skill Blueprint)** from 28/02/2020 to 01/3/2020.
4. Worked as a faculty coordinator for organizing Online Quiz - **Social Awareness on Covid-19** during the year 2020.
5. Worked as a faculty coordinator for organizing Resilience in Crisis-2020 - a Six week Meditation classes for all faculty members.
6. Worked as a faculty coordinator for Heartfulness Essay Event- 2020 Organized by Shri Ram-Chandra Mission, United Nations Information Center and the Heartfulness Education Trust and received an Appreciation Certificate for the Institution.
7. Worked as a faculty coordinator for organizing technical quiz as a part of "CS Tech Day" on 25/4/2017.
8. Worked as a faculty coordinator for organizing 2 days Hands on Workshop on Python Application Programming from 15th to 16th February 2018.
9. Worked as a Faculty Coordinator for organizing a technical talk on Database Management System dated on 3/10/2018.
10. Worked as a Faculty Coordinator for teaching basic computer skills for rural schools and college students under National Skills Qualification Framework (NSQF) Program on 26/10/2019.
11. Worked as a Faculty Coordinator for organizing one day FDP on Automating the Reports using MS-Excel in association with Microsoft & Global Talent Track dated on 2/11/2019.

OTHER RESPONSIBILITES:

COLLEGE LEVEL:
1. Working as a Chief Coordinator for Alumni Association.
2. Worked as Editor for College Newsletter E-Suddi (2017-18).
3. Worked as a Faculty Coordinator in International Conference in "Computational Modeling and Security" [CMS 2016] during Feb 11th to 13th 2016 and also in International Conference on "Communication, Control, Instrumentation and Computational Technologies" [IC3ICT-2015] on 17th December 2015 at R.L Jalappa Institute of Technology, Doddaballapur.

DEPARTMENT LEVEL:
1. Working as a department level Magazine Coordinator.

2. Working as Department Meeting Coordinator.

PROFESSIONAL MEMBERSHIPS:

1. Indian Society for Technical Education (ISTE)
2. MIE (Member of Institution of Engineers, India)

CONTACT DETAILS:

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Assistant Professor,
Department of Computer Science & Engineering,
R. L. Jalappa Institute of Technology, Doddaballapur-561203.
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