Name   : A.REVATHI

Designation: Assistant Professor
Department: Information Technology
College: VNR VJIET, Hyderabad
AICTE Faculty ID: 1-464123041
Mail ID: revathi_a@vnrvjiet.in
            revathiannam@gmail.com
Mobile: 9502319740

1. Educational / Technical qualifications:

1. Ph.D. (Pursuing) in Computer Science Engineering from KL University, Hyderabad.
1. M.Tech. in Computer Science Engineering from Jawaharlal Nehru Technological University, Hyderabad, Awarded in 2011.
2. B.Tech. in Computer Science & Information Technology from Gudlavalleru Engineering College, Gudlavalleru, Awarded in 2005.
3. Intermediate (+2) Education at St. Theresa's College for Women, Eluru, Awarded in 2001.
4. High School Education (I to X) at Fr. Bianchi Girls High School, Gudivada, Awarded in 1999.

2. Teaching and Learning:

2.1. Teaching Interests:

C & Data Structures, Advanced Data Structures, Object Oriented Programming through C++, Java Programming, Data Warehousing and Mining, Web Technologies, Computer Graphics, Mobile Application Development, Android Application Development, Computer Networks & Information Security.

2.2. Novel Teaching & Learning Techniques adopted:

PPTs, Videos, Quiz, Brainstorming, Problem Solving

2.3. Involvement in curriculum updating / Design:

Designing of new syllabus for subjects like Android application Development, Mobile Application Development and Computer Graphics & Animation for B.Tech-IT /CSE and Mobile Application Development for MTech-CNIS.

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- To facilitates student's excellence in knowledge and wisdom
- To discuss and deploy latest technological events to create well worth lifestyle
- Reading, listening to music and traveling.

3.2. CCA/ECA Organized:

- Organized Fresher's party on 27th August 2018 for I B.Tech IT students.
- Organized Technical event" Matrixing" 27th August 2018 for B.Tech IT students.
- Organized a Technical Event "Art of Communications" on 11th Feb'16 for I B.Tech Students.
- Organized a Non-Technical Event "Discover Me" on 19th Sep'15 for I B.Tech Students.
- Organized Student Matrixing for I B.Tech IT on 30th Sep'15.
- Organized fresher's party for I B.Tech students of IT on 30th Sep'15.
- As a faculty coordinator, organized some of the events like Techno Fun, Code Hunt, Tech-Frolic, Virtual Tech Hunt, Idea-Tech- Krack, Games of codes, Kaunbanegaprogrampati during Convergence-2k15.
- Organized farewell party for IV B.Tech students of IT on 08th May'15.
- Organized farewell party for IV B.Tech students of IT on 16th April'13.
- Organized fresher's party for I B.Tech students of IT on 12th March'13.
- As a IT Association faculty coordinator, organized some of the events like C-programming, TresureHunt, Janan, Kaizen,S/W Project Expo,Debugging, TechHunt, PPT.
- Organized Student Matrixing for I B.Tech IT on 25th Sep'12.
- Organized a Technical event "Play with C" on 6th August'12 for all students
- As a IT Association faculty coordinator organized various events and workshops at convergence2k12 VNRVJIET campus.
- Organized Fresher's party on 14th Nov'11 for I B.Tech IT students.
- Conducted National level Technical Symposium 'ADRIOT 'VNR VJIET Campus.

3.3. CCA/ECA participated:

- Attended to "Google Developers India Faculty Summit 2021 "on 23-04-2021
- Attended Regional Research Symposium on PBL on 19-06-2021 organized by Indo Universal Collaboration for Engineering Education (IUCEE)
- Attended lecture on "Unfolding VJ" conducted by VNRVJIET on 12.10.2021
- Attended an orientation program on "Mentoring app eMpact" on 27-08-2021 at VNRVJIET.
- Visited MICROSOFT, Gachibowli, Hyderabad on 10.12.2019 as a mentor to WISE (Women in Software Engineering) Program.
- Visited MICROSOFT, Gachibowli, Hyderabad on 09.08.2018 as a mentor to WISE Program.
- Visited MICROSOFT, Gachibowli, Hyderabad on 18.06.2018 as a mentor to WISE Program.
- Visited JP Morgan to participate in "Kickoff" Event on 28-02-2018.
- Visited MICROSOFT, Gachibowli, Hyderabad on 12.10.2017 as a mentor to WISE Program.
- Visited INCOIS, Hyderabad along with 3 IT Students on 02nd April'16.

- Visited a software company CAPGEMINI, Gachibowli, Hyderabad to participate in the event "Tech Fiesta" on 14th March'16 along with the III B.Tech IT students.
- Presented a poster on POGIL at III-I R&D showcase, Hyderabad on 24th Jan'15
- Visited a software company CAPGEMINI, Hyd on 6th Feb'14 along with the 4th year students.
- As a faculty coordinator, accompanied students for ENGINEER IN MIRROR during 20th to 25th Jan'14 in VNRVJIET Network Center.
- Visited a company Aditya Birla Group,Delhi as part of Industrial Tour during 6th June to 15th June'13 along with 55 students of II B.Tech IT.
- Visited a s/w industry TCS Deccan Park at Madhapur, Hyd along with the Ist year B.tech IT students on 9th March'12
- Attended a Seminar on "Employability Skills" conducted by MTP Cell, VNRVJIET at Deloitte, Hyderabad on 31st March'12.

3.4. Counseling and Mentoring Activity:

Every year 20 IT students and 2 M.Tech(CNIS) students for mentoring and counseling.

3.5. Committees involved in:

Department level: Department Budget Coordinator, Department Timetable Faculty In charge, Preparation of Organization Chart and academic responsibilities for staff, Coding Contests In charge, B.Tech First Year Overall In charge.

Institute Level: Microsoft- WISE Faculty Coordinator, Department Placement Faculty Coordinator, Department Association Faculty Coordinator, VNR Lab Protocol In charge and POGIL Department Member, ISO Faculty Coordinator

4. Conference / Workshop / Seminar / Guest Lectures:

4.1. Conducted:

- As a Co-Coordinator applied for TWO WEEK ATAL FDP titled "Exploring Deep Learning Techniques for Natural Language Processing (NLP) System and Applications" on 25-04-2022.
- Conducted ATAL FDP on "Exploring ML and DL algorithms for NLP Applications" organized by IT Dept., VNRVJIET during 22nd to 26th November 2021.
- Conducted AICTE STTP on "Machine Learning and Deep Learning Techniques for AI Problems using Python (MLDLT) Series-I conducted by IT Dept., VNRVJIET during 16-11-2020 to 21-11-2020
- Conducted AICTE STTP on "Machine Learning and Deep Learning Techniques for AI Problems using Python (MLDLT) Series-II conducted by IT Dept., VNRVJIET during 14-12-2020 to 19-12-2020
- Conducted Workshop on " Android Application Development" during 24-10-2018 to 26-10-2018 for students by Intisar Menhdi, Brain O Vision India Pvt.Ltd., Hyderabad.
- Conducted a guest lecture on Common Android API's" by Mr.Sujit Majety, Technical Head, Techfort S/W Pvt.Ltd. Hyd for M.Tech (CNIS) students on 13th July'16.
- Conducted a National Workshop "Web Application Development using Python" for faculty of engineering during 04th to 05th April'16 in VNRVJIET, Hyd.

- Conducted a Seminar on "Student Information in Mobile App" by Mr. M.Hemanth , Business Development Executive, Asman Software Solutions, Hyderabad for IV B.Tech Students on 10th Feb'16.
- Conducted a guest lecture on "Applications of Hash Functions" by Mr. Naveen Sivadasan, Sr.Scientist, Innovation Labs, TCS, Hyderabad on 13th Nov'15 for II B.Tech Students.
- Conducted a guest lecture on "Generic Connection Framework in J2ME" by K.SriramMurthy, Assoc.Mentor, MSIT,JNTUH on 7th Nov'16.
- Conducted a workshop on "Big Data" on 02nd March at convergence 2k15, VNRVJIET
- Conducted a workshop on "Mozilla Firefox App Development" by Hyderabad during convergence 2k15, VNRVJIET
- Conducted a workshop on "Data Structures behind the social networks" by Hyderabad during convergence 2k15, VNRVJIET
- Conducted a guest lecture on "Computer Animation" by Mr.Paruchuri Lokhanath Charan, Operations Manager, NST Technologies and Films , Somajiguda, Hyderabad on 2nd April'14 and 6th Nov'15 for III B.Tech IT Students.
- Organized a three day International Conference as one of the committee member on "Data Sciences" during 26-28th Feb'14 organized by VNR VJIET,Hyd.
- Conducted a guest lecture on "Android Application Development" by Mr.M.Kumar , Sr.Technical Officer, C-DAC, Hyd on 2nd Jan'14 for M.Tech Students.
- Conducted one day seminar on "Client server Programming" on 22nd oct'13.
- Conducted a guest lecture on "Database connectivity in J2ME" by K. Sriram Murthy, Assoc. Mentor, MSIT, JNTUH on 26th Sep'13.
- Organized Faculty Development Programme on "Recent Trends in Cloud Computing & Security" as one of the committee members during 3rd -15th June'13by IT Dept., VNR VJIET, Hyd.
- Organized a three-day staff development program on "Program Design with Mapcode" during 27th to 29th May'13.
- Conducted a National Workshop sponsored by TEQIP-II on Data Mining & Its Applications during 27-28th Feb 2013.
- Conducted one day workshop on "Record Management Systems in J2ME" on 28th Sep'12
- Conducted a guest lecture on "Designing efficient application for Mobile aplplication on 4th Oct'12.
- Conducted a Technical Seminar on Object Oriented Programming concepts with real time orientation by Ch. PratapKumar, M.D., Neo App Technologies, Hyd on 8th August'12.
- Conducted a workshop on "Web Designing" by Mr.Shiva, M.D., Core wings, Computech Solutions, Hyderabad during convergence 2k12,VNRVJIET
- Conducted a workshop on "Mobile Application Development" during 12-14th March 2012 at convergence 2k12, VNRVJIET
- Conducted a short-term course on "Linux", for faculty and students of various eng. Colleges in and around Hyderabad during May 2007 at St. Martin's Engineering College.
- Conducted seven days remedial classes for the students on 'Advanced Data Structures" in 2007, at CSE Seminar Hall, SMEC.

4.2. Attended:

- Attended One-week FDP on "Data Analytical Tools & Python Framework"organized by CSE Dept., VNRVJIET during 11th – 17th May 2022.
- Attended ATAL FDP on "Exploring ML and DL algorithms for NLP Applications" organized by IT Dept., VNRVJIET during 22nd to 26th November 2021.
- Attended Workshop on" Examination Reforms" organized by AICTE during 03rd to 05th January 2022.
- Attended a webinar on "Deep Learning in Health Care" conducted by CSE Dept. VNRVJIET on 18-09-2021.
- Attended FDP on "Machine Learning Applications" by IT Dept., VNRVJIET during 02nd to 04th September 2021.
- Attended Conference ICACECS organized by CSE Dept., VNRVJIET during 13th- 14th August 2021.
- Attended Webinar on "Quality Education Accreditation and Teacher Development on 06-08-2021.
- Attended A two-day seminar on "Importance of Introducing Ancient Wisdom & Happiness into Curriculum" during 16th to 17th July 2021 organized by VNRVJIET.
- Attended ATAL FDP on "Robotics" organized by Shri Vishnu Engineering College for Women, A.P. during 23-02-2021 to 27-02-2021.
- Attended ATAL FDP on "Data Science" conducted by IT Dept., Gudlavalleru Engineering College, A.P. during 19-01-2021 to 23-01-2021.
- Attended AICTE STTP on "Machine Learning and Deep Learning Techniques for AI Problems using Python (MLDLT) Series-II conducted by IT Dept., VNRVJIET during 14-12-2020 to 19-12-2020.
- Attended AICTE STTP on "Machine Learning and Deep Learning Techniques for AI Problems using Python (MLDLT) Series-I conducted by IT Dept., VNRVJIET during 16-11-2020 to 21-11-2020.
- Attended ATAL FDP on "High Quality Medical Diagnosis using Data Science for Societal Benefits" organized by IT Dept., V.R. Siddhartha Engineering College, A.P. during 21-09-2020 to 25-09-2020.
- Attended 15 days' Workshop on "Applications of Data Science for Industrial Problems through Python" organized by JNTUK during 10-08-2020 to 28-08-2020.
- Attended Webinar on "Data Science- Future Era of Data Sights" by CAHCET on 01-10-2020.
- Attended Webinar on "A talk on Applications of Machine Learning" by Mr.Bala Prasad P., Secretary , IEEE Hyderabad on 04-07-2020.
- Attended Webinar on "Understanding Artificial Intelligence" by Ethiraj College on 08-07-2020.
- Attended International Webinar on "Successful Research Papers: From Concept to Submission" by Kakatiya Institute of Technology and science in Association with Gist Institute on 13-07-2020.
- Attended Webinar on "The AI-Enabled Future" by Lords-E-cell in collaboration with Brainovision on 11-07-2020.
- Attended Webinar on "Python for Machine Learning related to real time applications" by CDC, VNRVJIET on 16-07-2020.
- Attended Webinar on "How to write winnable research proposal" by Dept. of CSE in collaboration with CSI, VNRVJIET on 28-07-2020.

- Attended a workshop on "ICT Tools & Techniques for Teaching Learning Process" during 16th to 18th July 2020 organized by IT Dept., VNRVJIET.
- Attended a workshop on "Essentials of Python Programming" during 23to 25th July 2020 organized by IT Dept., VNRVJIET.
- Attended a webinar on "Machine Learning based Healthcare" organized by Guntur Engineering College on 23-06-2020.
- Attended one week FDP on "Emerging Technologies in Computer Science" by Dept. of CSE, Dr.MGR Educational and Research Institute during 28-05-2020 to 29-05-2020.
- Attended FDP on "VM ware V Sphere" by MBITS during 20-06-2020 to 26-06-2020.
- Attended FDP on "PHP & MySQL" organized by Sridevi Women's Engineering College during 08-06-2020 to 12-06-2020.
- Attended Training session on "Mathematics for AI/ML" organized by VNRVJIET during 13-02-2020 to 13-03-2020.
- Attended one day workshop o "Design Thinking" conducted by VNRVJIET on 25-01-2020.
- Attended a workshop on "Research Methodologies" during 16th to 18th July 2019 organized by KL University, Vijayawada, A.P.
- Attended FDP on "Blockchain Technology and its applications" organized by IT Dept. VNRVJIET during 17-12-2018 to 21-12-2018.
- Attended FDP on "Linux Administration, Latex Tutorial for writing research-oriented documents and MATLab Programming" organized by IT Dept. VNRVJIET during 28th to 30th July 2018.
- Attended Seminar on "Understanding Creating and Sharing OER" organized by H&S Dept., VNRVJIET on 19-01-2017.
- Attended Faculty Development Program on "Recent Trends in Data Science" during 11th – 16th Dec'17 organized by college of Engineering in association with NIT, Warangal.
- Attended a workshop on "Understanding, Creating and Sharing OER" on 19th Jan'17 organized by H&S Dept., VNR VJIET, Hyd.
- Attended a staff development program on "Mobile Application Development using Android" conducted by Engineering Staff College of India (ESCI), Gachibowli, Hyderabad during 25th to 29th April'16.
- Attended a workshop on "Recent trends in Mobile Computing and Cloud Security" during 04- 05th May 16 organized by IT Dept., VNR VJIET, Hyd.
- Attended a workshop on "Soft Computing and its Applications" during 28- 30th March 16 organized by IT Dept., VNR VJIET, Hyd.
- Attended a workshop on "Research in Innovation" during 28- 30th Feb 16 organized by CSE Dept., VNR VJIET, Hyd.
- Attended a workshop on "Data Driven Project Design" during 21- 23rd Jan 16 organized by CSE Dept., VNR VJIET, Hyd.
- Attended an International Conference on "Technology for Education" during 9-12th Dec'15 at NIT, Warangal.
- Attended a workshop on "Big Data and Hadoop" during 27-28th Nov'15 organized by CSE Dept., VNR VJIET, Hyd.
- Attended a workshop on "High Performance Computing for Code Modernization" on 10th July'15 organized by IT Department & Intel Cor., at VNR VJIET, Hyd.

- Attended Faculty Development Programme on "Recent Trends in wireless communications and evaluation of Simulation Tools" during 11-23rd May'15 organized by ECE Dept., VNR VJIET, Hyd.
- Attended R&D showcase at III-T Hyderabad on 24th Jan'15
- Attended a workshop on "Design of POGIL activities for outcome-based education" during 08 Dec '14- 10th Dec 14
- Attended a workshop on "Emerging Trends in Social Media and Mobile Applications" during 13-15th Nov 14 organized by CSE Dept., VNR VJIET.
- Attended a workshop on "Big Data Analytics & Cloud Computing" during 04-06thSep
  - 14 organized by CSE Dept., VNR VJIET.
- Attended a webinar on "Career path in Information Security "on 24th July 14 Under CII-TEQIP-II
- Attended Faculty Development Programme on "English language Proficiency & Personal Effectiveness" during 12th May 14- 17th May 14 organized by H&S Dept., VNRVJIET.
- Attended a faculty Development Program "English Language Proficiency & Personal Effectiveness" during 12th to 17th May '14 organized by H&S dept, VNR VJIET, Hyd.
- Attended a two day All India Seminar on "Latest Trends and Technologies in Computer Science Engineering" during 25th to 26th March'14 organized by Institution of Engineers, A.P. State Centre.
- Attended International Conference on "Data Sciences" during 26-28th Feb'14 organized by VNR VJIET, Hyd.
- Attended a guest lecture on "Digital Forensics & Information Security" on 15th Nov'13.
- Attended a three-day International Workshop on "REIMAGINE STEM" during 5th to 8th August'13 by H&S Dept., VNRVJIET, Hyd.
- Attended a three-day workshop on "Art of Teaching" during 2nd to 4th May'13 by ME Dept., VNR VJIET, Hyd.
- Attended a two-day workshop on "Security and Privacy Cloud Computing" under TEQIP" during 25th&26^{thth} March'13 by IT Dept., VNR VJIET, Hyd.
- Attended a workshop "Research Methods in Educational Technology" under National Mission on Educational through ICT (MHRD, Govt. of India) conducted by IIT Bombay at IIIT, Hyd on 2nd Feb'13 & 9th Feb '13.
- Attended a workshop on "Intro to POGIL" on 16th Feb'13 by H&S Dept., VNR VJIET
- Attended a Workshop on Android from 9th Aug to 12th Aug'12 by Dr. M.Devi Prasad
- Attended a special lecture on Improving Students Outcomes through Guided Inquiry Activities" at IIIT Hyderabad on 23rd July'12
- Attended to the workshop organized by JNTUH collaboration with CDAC on Mobile Application Development using J2ME during 15-17th March 2012.
- Attended to faculty development programme on May 5th 2012at MTP cell, VNRVJIET on "Service oriented architecture & cloud computing"
- Attended to AICTE Sponsored Staff development programme on "Advanced Data Mining Techniques" during14-26th May 2012at VNRVJIET.
- Attended the workshop "Network Management systems "sponsored by Siemens during 27-29th Jan 2011
- Attended faculty development programme on 01st Dec 2010 on topic Behavioral& soft skills at VNRVJIET

- Attended faculty development programme on 03rd Dec 2010 on" Work culture and Work Ethics" at VNRVJIET
- Attended One day workshop on "women in Research-the FOSS Paradigm" by UGC Academic Staff JNTU associated with Swecha on 26th Nov 2010.
- Attended a guest lecture on "Ethical Hacking" by Mr. AnkitFadia, ethical Hacker on 9th Feb 2010 at VNRVJIET.
- Attended to the short-term course on "Data Warehousing and Data Mining" during March 16th -18th 2009 at VNRVJIET. The resource person: Dr. Krishna Reddy, IIIT, Hyderabad.
- Attended the workshop on "Wi-Fi Networking" during Nov 12th-28th to faculty and staff of VNRVJIET, The resource person: SIEMENS, Hyderabad.
- Attended to the National workshop training in the area .NET on 7th to 12th of Jan' 2008 at S.R.Engineering College, Warangal, conducted by Infosys team.
- Attended to the National workshop in Information Security on Feb'2008 at MLR Engineering College, Secunderabad.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

Given an invited talk on " Mobile Applications" on the occasion of All India Seminar on "Latest Trends and Technologies in Computer Science & Engineering held on 25th & 26th March 2014 at The Institution of Engineers (India),Andhra Pradesh State Centre organized by The Institution of Engineers(India),Andhra Pradesh State Centre, Visvesvaraya Bhavan,Khairatabad,Hyderabad-500 004.

5.2. Projects Guided:

a) UG: 16

b) PG: 6

5.3. Research Interests:

Machine Learning, Deep Learning, Data Mining, Information Security, Mobile Application Development

5.4. Papers published in reviewed Journals:

- Published paper on "DESIGN AND DEVELOPMENT OF MULTIMODAL CYBER FORENSIC SYSTEM" in the journal of Annals of the Romanian Society for Cell Biology with ISBN 1583- 6258 in July 2021

- Published paper on "Web Recommendation using Micro blogging Information" in the journal of IJCSE(International Journal of Computer Science and Engineering) Volume-5, Issue-11: Pages108-113

- Published paper on "A Novel Approach for Securing User Transactions Using Two Factor Mobile Authentication" in IFRSA, International Journal on Mobile Adhoc Networks Volume 2, Issue 2: pages 245-250.

5.5. Papers presented at National / International Journals:

- Presented a paper in an International Conference on "Critical Review on Course Recommendation System with various similarities" in 2019 at EASI-19

- Presented a paper on "Mobile applications" in All India Seminar on Latest Trends and Technologies in Computer Science Engineering" during 25th to 26th March'14 organized by Institution of Engineers, A.P. State Centre.

- Presented a paper on "Securing user transactions using two factor mobile authentications" in 2010 at ICMID-International Conference on Mobile Internet Devices.

5. Awards / Honors received:

- Completed Online PBL course – an Introductory course on Problem Based Learning in Higher Education (version 1 – June 2017) provided by Aalborg Centre for Problem Based Learning in Engineering Science and Sustainability under the auspices of UNESCO and earned a badge during May 2021.
- Nominated as Microsoft WISE Dept. Coordinator
- Under my guidance M.Dileep Kumar has received best project title for the academic year 2015-16 of M.Tech (CNIS) on "POWERFUL VERIFICATION FOR PORTABLE AND UBIQUITOUS COMPUTING"

7. Motto:

Experience is the best teacher.