

RESUME

E-Mail ID:dhatri2712dec@gmail.com

Phone No:9666777528

Name of the Employee : Pakalapati RatnaPavani

Designation : Assistant Professor

Qualification : M.Sc(CS), M.Tech (AI&R)

Date of Birth : 14-10-1982.

Year of Joining : 17-03-2007

Educational Qualifications :

- **M.Tech(CST with Artificial Intelligence and Robotics)** in Computer Sciences from **Andhra University** ,Visakhapatnam with **(8.0(CGPA))**.
- **M.Sc** in Computer Science from **Gayatri Vidya Parishad College of Post-Graduation, Andhra University**, Visakhapatnam with **First Class**.
- **B.Sc** in Computer Science from **Ag&Sg Siddhartha Arts and Science College, Nagarjuna University**, Vuyyuru with **First Class**.
- **Intermediate** from DurgaMalleswari College, Vijayawada with **Second Class**.
- **SSC**, Sri Mallikarjuna Public School, Gannavaram with **First Class**.

Experience (Total) : 15 years

Sl.No	Name of the Organization	Period	No. of Years
1.	GVP College for Degree and PG Courses	2007 – till date	15 years

Seminars/Workshops/Conference attended / organized : (From 2007 to 2018)

S.no	Name of the Seminar	Date	Role(Organized / Participation)
1.	Vinuthna -Student Technical Meet	22 nd -23 rd Dec 2007	Organized
2.	Seminar on Data Mining and Warehousing at GVP College for Degree and PG Courses(A)	4 th & 5 th April 2008	Organized
3.	Orientation Programme on PC Hardware & Trouble Shooting	21 st Dec 2008	Participation
4.	National Seminar on the impact of quality Assessment in Higher Education	20 th Sep 2009	Participation
5.	Faulty Development Program on “Rational Application Developer 7.0”	28 th Nov-1 st Dec 2011	Participation
6.	Privacy Preserving and Trust	24 th & 25 th	Organized

	Management(NSPPTM)	March 2012	
7.	Emerging Research Trends in Data Mining for Bioinformatics	20 th -21 st Dec 2013	Participation
8.	Three- Day National Level Faculty Development Program on “ Big Data Analytics”	16 th -18 th Dec 2016	Participated
9.	One day enablement session on Bluemix	9 th Jan 2017	Participated
10.	National Instructional Workshop on Cryptology (NIWC)	10 th – 12 th Mar 2017	Participated
11.	National Conference on "Future India" : Science and Technology , Indian Science Congress Tirupati Chapter & Gayatri Vidya Parishad College for Degree and PG Courses(A).	30th Sept- 1st Oct, 2018	Paper Presentation

Certifications: (before 2017)

- I have certified **Rational Application Developer for Web Sphere V6.0** By IBM.(Feb 10th 2012).
- .net Certified by Microsoft.(30th Dec 2015)
- DB2 Certified by Microsoft.(16th Jul 2016)

Paper Publications:

S.no	Title of the Paper	Date
1	Secured Access to ATM Services Using Strong Password and IRIS Bio-informatics Technology	24 th & 25 th March 2012
2.	Data Security with Armstrong Numbers Using Modified RSA Public Key Cryptosystem (Using Two Key Pairs & Lychrell Numbers) (JCT Journal:Volume 4, Issue 5 May 2015)	5 th May 2015
3.	Authentication Technique Using Visual Textual Passwords against Key Loggers, Shoulder Surfing and Dictionary Attacks(JCT Journal:Volume 4, Issue 5 May 2015)	5 th May 2015
4.	Text Message Cryptography using Musical Notes. (National Conference on "Future India" : Science and Technology , Indian Science Congress Tirupati Chapter & Gayatri Vidya Parishad College for Degree and PG Courses(A).	1 st Oct 2018

FACULTY DEVELOPMENT PROGRAMS / WORKSHOPS ATTENDED

Year 2018 – 2019

1. Participated and Presented in **Two days National Conference** on “ **Future India** ” : **Science and Technology**” conducted by Indian Science Congress Tirupati Chapter & Gayatri Vidya Parishad College for Degree and PG Courses(A), during 30th Sep to 1st Oct 2020.

Year: 2019 – 2020

1. Participated in Two days National **Conference** on “**EPIC 2020**” conducted by Computer Society of India, during 20th Feb to 21st Feb 2020.
2. Participated in Three days’ Workshop on “**Research Methodology**” conducted by REST Society for Research International, during 18th April to 20th April 2020.
3. Participated in Three days’ Workshop on “**Multi Criteria Decision Making (MCDM)**” conducted by REST Society for Research International, during 23rd April to 25th April 2020.
4. Participated in Five days **Faculty Development Program** on “**SCILAB**” conducted by **PSCMRCET** in association with **IIT Bombay**, during 29th April to 3rd May 2020.
5. Participated in One Day **Webinar** on “**Cyber Security in Lockdown Times**” conducted by CSI Student Branch, SAIT-Indore jointly with CSI, on 30th April 2020.
6. Participated in One day **Webinar** on “**Fundamental of Writing Research Paper**” conducted by St.Anns's Degree and PG colleges for women, on 2nd May 2020.
7. Participated in Three days’ **Workshop** on “**Basic Optimization Technology**” conducted by REST Society for Research International, during 4th May to 6th May 2020.
8. Participated in One week **Faculty Development Program** on “**MOODLE (Learning Management System)**” conducted by Tagore Insitute of Engenering and Technology, **IIT Bombay**, during 4th May to 9th May 2020.
9. Participated in Five days’ **Workshop** on “**STTP on Advanced Research Methodology**” conducted by conducted by REST Society for Research International, during 11th May to 15th May 2020.
10. Participated in One day **Webinar** on “**Outcome Based Education Software**” conducted by conducted by VMedulife Software services, Pune, on 14th May 2020.
11. Participated in One day **Webinar** on “**OOPS Analysis in Real Time Scenario’s**” conducted by Ekalavya Group of Technologies, on 17th May 2020.
12. Participated in Five days **Faculty Development Program** on “**Data Science**” conducted by Guntur Engineering College, during 18th May to 22nd May 2020.
13. Participated in Five days **Faculty Development Program** on “**Cyber Security**” conducted by Velagapudi Ramakrishna Siddhartha Engineering College in association with Supraja

Technologies & **Computer Society of India**, during 23rd May to 27th May 2020.

14. Participated in Five days **Faculty Development Program** on “**Artificial Intelligence**” conducted by SIR CR Reddy College of Engineering, during 22nd May to 26th May 2020.
15. Participated in One day **Webinar** on “**MS EXCEL ANALYTICS**” conducted by **EDU-SKILL Harvest, Bangalore**, 8th May 2020.
16. Participated in One day **Webinar** on “**MS-POWERPOINT SKILLS**” conducted by **EDU-SKILL Harvest, Bangalore**, 28th May 2020.
17. Participated in Three days **Faculty Development Program** on “**Recent Trends In Research Methodology**” conducted by Bhimavaram Institute of Engineering & Technology, during 19th May to 21st May 2020.
18. Participated in Three days **Faculty Development Program** on “**Universal Human Values and Professional Ethics**” conducted by Chebrolu Engineering College, during 13th May to 17th May 2020.
19. Participated in Three days **Faculty Development Program** on “**Universal Human Values and Professional Ethics**” conducted by Chebrolu Engineering College, during 13th May to 17th May 2020.
20. Participated in **One Month Induction Program** on “**Induction /Orientation Programme on Higher Education**” conducted by Ramanujan College, University of Delhi, Sponsored by MHRD, during 4th June to 1st July 2020.

Year 2020-2021

1. Participated in one - week Workshop on “**Data Analysis using R Programming**” conducted by REST society for Research International, during 20th July to 25th July 2020.
2. Participated in one - week Workshop on “**Data Analysis using Python**” conducted by REST society for Research International, during 27th July to 1st August 2020.
3. 6 Day National Level online FDP on Multi Technology By Braino Vision organised by GMIRT College during 28th June to 3rd July 2021
4. Short Term Course on ML for Data Science using Python, NIT Warangal during 14th Dec to 23rd Dec 2020.

5. Coursera Certifications during the academic year(2020-2021):

S.No	Name of The Faculty	Course Name	Dates
1	Smt. P.Ratna Pavani	1.Cloud Computing Basics(cloud 101) 2. Getting started with AWS ML 3. Introduction to Cloud Identity 4. Managing ML Projects with Google Cloud	20-11-2020 16-11-2020 23-11-2020 17-11-2020

Year(2021-2022):

1. A 5-day FDP on "**Cyber Security and Incident Analysis: A Practical and Investigative approach**" from 2021-07- 19 to 2021-07-23 at **Andhra University College of Engineering (A)**.
2. 20 days **FDP** on "**Blockchain Technology and its Applications**" organized by Eduxlabs associated with **IIT Hyderabad** during 10th Jan to 31st Jan 2022.
3. 10 days Online **FDP - Cyber Security Principles and Defensive Mechanisms** in association with **NIT, Warangal** from 21.03.2022 to 30.03.2022.

NPTEL Certificate:

1. **Successfully completed NPTEL 12 weeks online certification course on Cryptography and Network Security during the period Jan-21 to Apr-21.**

RESEARCH WORK & PROPOSED ACHIVEMENTS

1. Joined **P.hD** in Koneru Lakshmai Education Foundation(Deemed tobe university) in Department of Computer Sciences and Engineering on January 2nd 2020.
2. Completed Zeroth Review on the topic "**Data Security Using Block chain Technology**".
3. Completed **Pre-P.hD** exams on subjects Research Methodology, Computer Networks, Data Security and Privacy.
4. Presently working on Security with Blockchain

Subjects Handled:

Computer Graphics, Discrete Mathematics, Theory of Computations (or) FLAT, Operating Systems ,Artificial Intelligence, Database Management System, DAA, Computer Organization and System Programming.

Have guided students for Projects in Network Security and Artificial Intelligence.

Personal Details:

Name : **P.Ratna Pavani**
Father Name : **P.V.N.Chaterjee**
Mother Name : **P.Chandrika**
Marital Status : **Married**
Spouse Name : **A.Praveen**
Address : **Sri Lakshmi Madhura Heights, Flat No: 402,
Gayatri Nagar,Road No: 3, Pmpalem, 530043.**

Date:

Signature