ROHINI KANCHARAPU, Assistant Professor, CSE Dept.

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EDUCATION

- **Pursuing Ph.D .** in the Department of CSE as **Part-Time Research Scholar** at Acharya Nagarjuna University(ANU), GUNTUR . (DOJ: 15/07/2016)

- **M.Tech** (CSE) From GVPCOE ,Autuonomous ,Visakhapatnam, 2009-2011 .
  Percentage : Ist Class with Distinction **(78.69%)**

- **B.Tech** (CSE) From CHAITANYA ,2004-2008 (Affiliated to JNTUH).
  Percentage : Ist Class with Distinction **(75.76%)**

- **XII** (Higher Secondary), Sri Chaitanya junior college, Visakhapatnam, Board of Intermediate , 2002-2004.
  Percentage : Ist Class with Distinction **(92.3%)**

- **X** (Matriculation), Z.P.H school, Visakhapatnam, Board of SSC, 1999-2000.
  Percentage : Ist Class with Distinction **(80.33%)**

WORK EXPERIENCE

- Working in Gayatri Vidya Parishad College of Engineering for Women Visakhapatnam, from Nov 2011 to till date.

- Worked in Gayatri Vidya Parishad College Of Engineering (Autonomous), Visakhapatnam, from Jan'09 – Aug'11.

INDUSTRIAL EXPERIENCE

- Trained as **Assistant Systems Engineer** in Grade-Y by **TATA CONSULTANCY SERVICES (TCS)**, Hyderabad.

PROFESSOINAL SUMMARY

- CSE Faculty Coordinator for "**Student Technical Articles Collection & Selection**" on the occasion of "**Engineers day celebrations 2019**"

- Class Teacher for every Academic Year

- NBA Criteria 5 Coordinator
- COSCENGERS(CSE Student association) Coordinator ,2019.
- Member of Grievance Redressal Committee (GRC)
- Faculty Coordinator of "RANGOLI Competition" conducted on 11/01/2019 at College campus of GVPCEW
- CSE Faculty Coordinator for "**Student Technical Articles Collection & Selection**" on the occasion of "**Engineers day celebrations 2018**"
- Alumni Coordinator of CSE, GVPCEW
- Organizing Committee Member in Workshop BICA-2018
- Organizing Committee Member in Workshop WCCS-2018
- Co-ordinator for Faculty Development Program(FDP) on "Analytics using R" NOV-2017
- Attended Ph.D. RRM-I (Research Review Meeting) on 07/05/2018
- Experience as an Assistant Professor:10Yrs
- Ratified as Assistant Professor by JNTUK in 2012
- Placement coordinator of IT Department, GVPCEW
- Member of GVPCEW GATE Coaching committee
- Member of GVPCOE NAAC committee
- Experience in handling Theory classes and laboratories for CSE & IT subjects
- Experience in handling Mini and Major Projects
- Experience in counseling backward students
- Ready to take new challenges and responsibilities
- Self-motivated, Quick learner and team player with good communication

ACADEMIC PROJECTS

Web-Based Question Answering System: (M.Tech)

The web is now becoming one of the largest information and knowledge repositories. Many large scale search engines have emerged to help users find information. In our project, we study how we can effectively use these existing search engines to mine the Web and discover the "correct" answers to factual natural language questions. Web-based search engines such as Google and Yahoo return documents that are relevant to a user query, not answers to user questions. In information retrieval and natural language processing (NLP), question answering (QA) is the task of automatically answering a question posed in natural language.

We propose to build a web-based open-domain question-answering system. Our QA system uses techniques from several existing Question-Answering systems like START, AnswerBus etc. The process entails three steps: the question is classified, parsed and

submitted to search engines; potential answer sentences are extracted from the hit-lists; and finally answers are ranked based on a set of criteria of AnswerBus.

PUBLICATIONS & CONFERENCES

International:

- Published a paper on "**Sentiment Analysis on GST Using Naive Bayes and Score Based Approaches on Twitter Data**" in International Journal of Research in Electronics and Computer Engineering (**IJRECE**), 6(4): 525-531, 2018.

- Published a paper on **"Usage Behaviour Based Rigorous Clustering for Customer Segmentation and Profiling" in IJSDR**(The International journal of Science & Engineering Development research): Volume 1, Issue 6, **June 2016** with impact factor – 2.87; 1(6):328-333, 2016.

- Published a paper on **"An Improved Round Robin Based Scheduling Algorithm with Dynamic Time Quantum Using Contraharmonic Mean" in IJAIR(** International Journal Of Advanced And Innovative Research): Volume 3, Issue 3 **March 2014** with impact factor - 0.3493; (3):192-196, 2014

- Published a paper on **"Documents Clustering "**, in International Journal of Engineering Research & Technology (IJERT) Vol. 1 Issue 6, **August – 2012** with impact factor - 1.76; 1(6): 1-6, 2012.

National: (Student Level)

- Submitted a technical paper on "**Performance of Wi-Fi in wireless communication system**", IETE Zonal seminar at Andhra University, VSP.

- Submitted a technical poster on "**Mobile Communication**", Interact-2K7, a National Level Students Technical Symposium at **ANITS**, VSP.

- Submitted a technical poster on "**Smart Card Evolution**", Interact-2K7, a National Level Students Technical Symposium at **ANITS**, VSP.

- Submitted a technical poster on "**Elliptic Curve Cryptography**", Interact-2K7, a National Level Students Technical Symposium at **ANITS**, VSP.

FDPs/WORKSHOPs/SEMINARs

- Participated in the one day Seminar on "**Mathematical Applications in Artificial Intelligence & Machine Learning**" on **20th July, 2019** organized by Department of CSE in association with Gayatri Vidya Parishad Prof. V. Lakshmikantham Institute for Advanced Studies(GVP-LIAS) ,held at GVPCOE(A),VSP.

- Attended Awareness Program on "**Women Safety in Cyber Space**" and "**launch of Mahila Mithra State Wide Programme**" on **8th August, 2019 organized by**

The state-wide initiative of Andhra Pradesh police at Andhra University Convention Centre, Beach road.

- NPTEL-AICTE FDP (Funded by the Ministry of HRD, Govt. of India) on " Operating System Fundamentals"; Duration: Jul-Oct 2019 (12 Weeks) with Score 81%

- NPTEL-AICTE FDP (Funded by the Ministry of HRD, Govt. of India) on " Programming in Java " ; Duration: Jan-Apr 2019 (12 Weeks) with Score 96%

- NPTEL-AICTE FDP (Funded by the Ministry of HRD, Govt. of India) on "Data Science for Engineers" ; Duration: Jan-Mar 2019 (8 Weeks) with Score 77%

- Attended workshop on "**NPTEL SWAYAM**" conducted on 7-12-18 by IIT MADRAS, at RVR&JC College of Engineering (A), Guntur.

- Participated in one week FDP on 'Analytics using R' at GVP College of Engineering for Women, Visakhapatnam, 13-11-2017 to 17-11-2017.

- Participated in a 3 day workshop on 'Biological Inspired Computing & Applications' at *GVP College of Engineering for Women from* 09-03-2018 to 11-03-2018.

- Participated in a 3 day workshop on 'Workshop on Cryptology and Cyber Security' at *GVP College of Engineering for Women from 22-Mar-2018 through 24-Mar-2018.*

- Attended FDP on "How to be a better teacher" at GVP College of Engineering for Women on 05-9-2017.

- Attended **FDP on BUSINESS ANALYTICS** organized by **E & ICT Academy, National Institute of Technology, Warangal** at the Department of CSE, RVR &JC college of Engineering, Guntur from *11-16 March, 2017* and obtained "**A**" grade in the test.

- Attended Workshop on "Cutting Edge ICT Technologies on Teaching-Learning Process" at GVP-technical campus from 27-08-2016 to 28-8-2016

- Attended 3 Day FDP on "**BIG DATA and HADOOP**" conducted by Department of CSE & IT , Gayatri Vidya Parishad College Of Engineering for Women , Visakhapatnam from 26th to 28th February,2016.

- Attended ITFP (Induction Training for Faculty Position) Program as a mentor conducted during 8th July, 2015 to 1st August, 2015 at GVP School of Engg. Teachers' Training, Madhurawada, VSP.

- Attended 2 Day FDP on "**Data Warehousing and Data Mining**" conducted by **TCS** at Gayatri Vidya Parishad College of Engineering (Autonomous), Visakhapatnam held from 24th to 25th January, 2014.

- Attended **Two-Week ISTE workshop on DATABASE MANAGEMENT SYSTEMS** Under the National Mission on Education through ICT(**NMEICT**),

MHRD, Govt. of India conducted by **IIT Bombay**, at SVP Engineering College, Visakhapatnam in May,2013.

- Attended Teacher Training Program "**Certificate in Information Technology**", and achieved **Mastery**, conducted by enhance EDU at **IIIT, Hyderabad in Summer of 2012**.

ACADEMIC ACHIEVEMENTS:

- NPTEL Online Certification on "**Operating System Fundamentals**" with a consolidated score of 81% ;Duration: Jul-Oct 2019 (12 Weeks) - *TOP 5%*

- NPTEL Online Certification on "Programming in Java" with a consolidated score of 96% ;Duration: Jan-Apr 2019 (12 Weeks) - *TOP 5%*

- Attended **FDP on BUSINESS ANALYTICS** organized by **E & ICT Academy, National Institute of Technology, Warangal** at the Department of CSE, RVR &JC college of Engineering, Guntur from *11-16 March, 2017* and obtained *"A"* grade in the test.

- Attended ITFP (Induction Training for Faculty Position) Program as a *MENTOR* conducted during 8th July, 2015 to 1st August, 2015 at GVP School of Engineering Teachers' Training, Madhurawada, VSP

- Attended Teacher Training Program "**Certificate in Information Technology**", and achieved *MASTERY*, conducted by enhance EDU at **IIIT, Hyderabad in summer of 2012**.

CERTIFICATIONS:

- Completed the course **How To Start A Beautiful WordPress Blog For Beginners 2019** on Nov.16, 2019 as taught by James Stafford on **Udemy**.

- Completed the course **Polynomial Regression, R, and ggplot** on Nov.16, 2019 as taught by Charles Redmond on **Udemy**.

- Completed the course **Ultimate Java Course: Learn From Scratch** on Aug. 2, 2019 as taught by MD. Hasanur Rahaman Hasib on **Udemy**.

- NPTEL Online Certification on "**Operating System Fundamentals**" with a consolidated score of **81%** ;Duration: **Jul-Oct 2019** (12 Weeks) - **(Elite + Silver) TOP 5%**

- NPTEL Online Certification on "**Programming in Java**" with a consolidated score of **96%** ;Duration: **Jan-Apr 2019** (12 Weeks) - **(Elite + Gold) TOP 5%**

- NPTEL Online Certification on "**Data Science for Engineers**" with a consolidated score of **77%** ;Duration: **Jan-Mar 2019** (8 Weeks) - **(Elite + Silver)**

- NPTEL Online Certification on "**Data Mining**" with a consolidated score of **73%** ;Duration: **Feb-Mar 2018** (12 Weeks) - **(Elite)**

PROFICIENCY

- Languages   : C, Java, R.
- RDBMS   : PL/SQL, SQL, ORACLE 9i, 10g.
- Modeling Languages   : VP-UML,RATIONAL ROSE
- Operating Systems   : Windows XP, Windows 7, Linux
- Web Designing Languages : HTML, JavaScript and CSS

SUBJECTS HANDLED

- Theory   :   Formal Languages and Automata Theory,
  Compiler Design,
  Operating Systems,
  Database Management Systems,
  Data Warehousing Data Mining,
  Open Source Software, Distributed Systems.

- Programming Subjects : C-Programming,
  Data Structures,
  Web Technologies,
  Statistics with R Programming,
  Java Programming.
- Labs Handled   :   C, DS, Java, OS,UMLDP,AJP, FOSS,CD, WT , R and
  DBMS,IT Workshop

PERSONAL PROFILE

- Date Of Birth   :   31st Aug, 1985
- Passport Number   :   G2147301
- Aadhar Number   :   508751467174
- PAN Number   :   BARPK2481H
- Languages Known   :   English, Telugu
- Nationality   :   Indian

Signature

(K.Rohini)

Visakhapatnam
Date: 13/12/2019