Personal Profile

Name : **Mr.K.Purushotam Naidu**

Present Position & Address : Assistant Professor,
Department of Computer Science and Engineering
GVP College of Engineering For Women,
Kommadi,Visakhapatnam- 530048
AP, India.

Contact : Cell : +**91-9963444007**
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Residential Address : Datta vignesha Residency,GF-1, Sai Ram Colony
Kommadi,VSP-48.

Permanent Address : Krishnarayapuram(post),Seethanagaram Mandal,
Vizianagaram, Pin-535546,AP, India.

DOB (DD/MM/YYYY) : 07/07/1985

Nationality-Religion : INDIAN-HINDU

Motto : Teach to contribute to build a better Society and Nation.

Academic Qualification

S.No.	Qualification	Institute/University	Year	Division
1.	Ph.D (CSE)	JNTUK, Kakinada	Pursuing	--
2.	M.Tech (CST)	Andhra University, Vishakhapatnam	2009	First Class
3.	B.Tech (CSE)	SVH College of Engg.Machilipatnam	2006	First Class with Distinction
4.	SSC	Gayathri High School	2000	First Class with Distinction

Research Guide:

Registered PhD in Year 2016 under esteemed guidance of Dr.P.Krishna Subba Rao,Professor, Dept of CSE, GVP College Of Engg. Visakhapatnam and Dr.MHM Krishna Prasad, Professor, Dept. of CSE, JNTUK,Kakinada, AP.

Areas of Specialization:

Data Mining and Big Data

- Ratified as Assistant Professor in CSE Department from JNTUK through GVPW, Visakhapatnam in 2012
- Ratified as Assistant Professor in CSE Department from JNTUK through DIET, Anakapalli in 2009.

Subjects Taught:

Advanced Data Structures,Design and Analysis of Alogorithms,Distributed Operating Systems,Distributed Systems,Compiler Design,Data Base Managenent Systems,Network Programming,Computer Organization Data Structures Using C,Principles of Programming Languages, JAVA, Web Technologies, Operating Systems Open Source Software,Advanced Operating Systems,Information Retrieval Systems,Data Warehouse & Data Mining,Mobile Computing,Object Oriented Programming through C+, Big Data & Hadoop,Python Programming,Data Structures Through C++,Big Data Analytics,Machine Learning

Professional Experience : 2008 to Till Date
(In years)

Teaching Experience	Research Experience	Total
10	3	13

(In numbers)

Research Publications	Conferences attended	FDPs/Workshops/ Symposiums attended	B.Tech/M.Tech Projects	Professional Memberships
5	3	19	16	1

Professional and Research Exposure: -
Teaching/Research Experience:

(*Subjects taught in various Courses: B.Tech(CSE))*

S. No.	Work Period		Organization / Institution	Position Held
	From	*To*		
1.	Dec,2011	Till Date	GVPW, Visakhaptnam	Assistant Professor
2.	Dec,2008	Nov,2011	DIET,Anakapalli	Assistant Professor

Research Publications:

1. Published a paper on "*Implementing FP-Growth Algorithm Using MapReduce for Mining Association Rules*" Journal of Advanced Database Management & Systems ISSN: 2393-8730 (online), Vol. 6 Issue 02, May - 2019.
2. Published a paper on "*Evaluation of Optimised Apriori Algorithm on HDFS using MapReduce in Hadoop Distributed Mode*" International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 (printed version), Vol. 6 Issue 06, June - 2017.
3. Published a paper on "**Implement document clustering for large scale data using MapReduce Paradigm**" International Journal of Engineering Research & Technology (IJERT).
4. Published a paper on "*Character-Based Symmetric key Algorithm Using Randomized Prime Numbers*" in International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 (printed version), Vol.3 Issue 02, February-2014.
5. Published a paper on "Productivity Analysis of AODV and DSSV Routing Protocols In MANETs ", in IISR, 2013
6. Published a paper on "**Finest round robin scheduling algorithm using effective time quantum** ", in *JOSETT*, **2013**

International Conferences:

1. **K.Purushotam Naidu,** (2018),International Conference on Electrical, Electronics,Computers Communication, Mechanical and Computing (EECCMC) organized by Priyadarshini Eng.College ,Tamila Nadu,28th &29th January 2018.

   Title – *Comparing Apache Spark and Map Reduce with performance Analysis using Page Ranking Algorithm*
2. **K.Purushotam Naidu,** (2018),International Conference on Electrical, Electronics,Computers Communication, Mechanical and Computing (EECCMC) organized by Priyadarshini Eng.College ,Tamila Nadu,28th &29th January 2018.

   Title – *A Real-Time Storm Prediction using Hadoop Map Reduce*
3. **K.Purushotam Naidu,**(2017),Conference on Internet Of Things organized bt GITAM University,Visakhapatnam,Andhra Pradesh state,India,11th November 2017

Professional Memberships:

1. Professional Member – Association of Computer Machinery (**ACM**-8746819).

List of FDP'S/Workshops Attended:

1. A Four Weeks Course on "*Data Science using Python*" Organized by IIT Madras, *ELITE NPTEL Online Certification*, Funded by Ministry of HRD, Govt. of India, from Aug-Sep,2019 with a Roll No:NPTEL19CS59S42340347, with Consolidated score of 81%

2. A Three Day FDP on "*Data Science using Python*" Organized by IIT Madras, *ELITE NPTEL Online Certification*, Funded by Ministry of HRD, Govt. of India, from Aug-Sep,2019 with a Roll No:NPTEL19 CS59S42340347, with Consolidated score of 81%

3. A One Week FDP on "Artificial Neural Networks & Deep Learning" Organized by Department of Computer Science & Engineering , MVGR College of Engineering(A),Vizianagaram Dist Andhrapradesh State in association with E & ICT Academy, NIT Warangal, India from 3rd June to 8th June 2019

4. A Eight Weeks Course on "*Big Data Computing*" Organized by IIT Madras, *ELITE NPTEL Online Certification*, Funded by Ministry of HRD, Govt. of India, from Feb-Apr,2019 with a Roll No:NPTEL19CS33S32280199, with Consolidated score of 80%.

5. A One Week FDP on "*Big Data Computing*" Organized by IIT Madras, *ELITE NPTEL Online Certification*, Funded by Ministry of HRD, Govt. of India, from Feb-Apr,2019 with a Roll No:NPTEL19CS33S32280199, with Consolidated score of 80%.

6. A Eight Weeks Course on "*Introduction to Machine Learning*" Organized by IIT Kharagpur, *ELITE NPTEL Online Certification*, Funded by Ministry of HRD, Govt. of India, from Aug-Oct,2018 with a Roll No:NPTEL18CS40S22170473, with Consolidated score of 69%.

7. A Eight Weeks Course on "*Programmind,DataStructures and Algorithms Using Python*" Organized by IIT Madras, *ELITE NPTEL Online Certification*, Funded by Ministry of HRD, Govt. of India, from Aug-Sep,2018 with a Roll No:NPTEL18CS34S11950589, with Consolidated score of 70%.

8. 2. A One Week FDP on "Introduction to Machine Learning" Organized by IIT Kharagpur, ELITE NPTEL Online Certification, Funded by Ministry of HRD, Govt. of India, from Aug-Oct,2018 with a Roll No:NPTEL18CS40S22170473, with Consolidated score of 69%

9. A Eight Weeks Course on "*Data Mining*" Organized by IIT Kharagpur, *ELITE NPTEL Online Certification*, Funded by Ministry of HRD, Govt. of India, from Feb-Mar,2018 with a Roll No:NPTEL18CS14S4980164, with Consolidated score of 68%.

10. A Twelve Weeks Course on "*Problem Through Programming in C*" Organized by IIT Kharagpur, *ELITE NPTEL Online Certification*, Funded by Ministry of HRD, Govt. of India, from Jan-Apr,2018 with a Roll No:NPTEL18CS10S1980467, with Consolidated score of 85% with Top 5%.

11. A Three Days Workshop on "Cryptology & Cyber Security" Organized by both Department of Computer Science and Engineering & Department of Electronics and Communication Engineering , GVP College of Engineering for Women, Madhurawada, Visakhapatanm Dist Andhrapradesh State, India from 22nd March to 24 th March, 2018

12. A Three Days Workshop on "Biological Inspired Computing& Applications" Organized by Department of Computer Science & Engineering , GVP College of Engineering for Women, Madhurawada, Visakhapatanm Dist Andhrapradesh State, India from 9th March to 11th March, 2018

13. A Five Day FDP on "Analytics Using R" Organized by Department of Computer Science & Engineering , GVP College of Engineering for Women, Madhurawada, Visakhapatanm Dist Andhrapradesh State, India from 13th November to 17th November, 2017

14. A Three Day FDP on "Big Data and Hadoop" Organized by Department of Computer Science & Engineering , GVP College of Engineering for Women, Madhurawada, Visakhapatanm Dist Andhrapradesh State, India from 26th February to 28th February, 2016

15. A One Week FDP on "Java Fundamentals and Programming" Organized by Department of Computer Science & Engineering , GVP College of Engineering, Madhurawada, Visakhapatanm Dist Andhrapradesh State, India from 13th February to 19th February, 2016.

16. A Three Days Workshop on "Internet of Things" Organized by Department of Computer Science & Engineering , GVP College of Engineering, Madhurawada, Visakhapatanm Dist Andhrapradesh State, India from 21st October to 23rd October, 2016.

17. A One Week Workshop on "Research Challenges and Issues in Big Data and Cloud Computing" Organized by Department of Computer Science and Engineering, JNTU-K University College of Engineering,Vizianagaram Dist Andhrapradesh State, India from 27th to 31st January 2015.

18. A Two Days Workshop on "Android Application Development" Conducted by Geekslab Technologies pvt Limited at GVP College of Engineering for Women, Madhurawada, Visakhapatanm Dist Andhrapradesh State, India from 15th March to 16th March, 2014.

19. Two Day National Workshop on "Advances in Web Mining and Big Data" Organized by Department of Computer Science & Systems Engineering , Andhra University, Visakhapatanm Dist Andhrapradesh State, India from 18th -19th December 2014.

20. A One Day International Seminar on "Security and Software Eniginering(SSE13)" Organized by Department of Computer Science & Engineering and Information Technology, DIET Anakapalli, AP, India on 22nd Feb 2013.

21. A One Day Workshop on *"Next Generation Internet Protocol-The Challenges Ahead(IPV6)"* Organized by Department of Computer Science & Engineering, DIET Anakapalli, AP, India on 5th May 2011.

22. A Two Days Workshop on *"Signal Processing and Soft Computing & Modeling"* Organized by Department of Computer Science & Engineering, DIET Anakapalli, AP, India on 14th & 15th March, 2009.

Administrative Experiences/Other Activities:

1. Coordinator for JNTUK Online Examinations in GVP Womens,Visakhapatnam

2. Organizing Committee Member in BICA-2018 Workshop Conducted at GVP Womens

3. Organizing Committee Member in WCCS-2018 Workshop Conducted at GVP Womens

4. Mentor for "Programming in C++" NPTEL Course in 2018

5. Mentor for "Programming,DataStructures and Algorithms Using Python" NPTEL Course in 2018

6. Conducted two day workshop on Android Programming in technotsav -17,GVP Womens,Visakhapatnam

7. Coordinator for IV B.Tech Projects 2016-17 in GVP Womens,Visakhapatnam

8. Coordinating FINTECH Program that is conducted by govt. of AP 2016-17

9. Organizing Committee Member in Hadoop & Big Data -2015 Workshop Conducted at GVP Womens.

10. Member in Developing Web Applications related to NBA

11. Developed Web Application for "ESSAY WRITING Competition" conducted at GVPCEW on "DIGITAL INDIA".

12. Organized Two Day workshop on "Phone Gap & ITS APPLICATION DEVELOPMENT" at GVPCEW On 18th and 19th April 2015.

13. Qualified APSET-2014

14. Taught CRT classes on C-programming for IV-B.Tech Students in GVP Womens Visakhpatnam

15. Taken classes for II & III B.Tech Students to train Students on "**Android Programming"**

16. Mentor of Team GSPP_30 from DIET for participating in "The Great Mind Challenge-2010" Annual National Software Development Program by IBM

17. Qualified Gate in 2005 & 2006

Declaration:

I do here by declare that, the information and the details furnished above are true and correct to the best of my Knowledge.

Date: 08-12-2019
Visakhpatnam   **Mr. K.Purushotam Naidu**