Curriculum Vitae

P.G.SIVA SHARMA KARTHICK

Assistant Professor- Information Technology,
National Engineering College,
Kovilpatti,   E-mail: sishakk@gmail.com
Tamilnadu,India.
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Objective:

        To be well placed in a reputed college or educational institution that provides several instances to prove my worth and be both qualitatively and quantitatively useful to my concern and my world around.

Academics:

CLASS / COURSE	NAME OF THE INSTITUTION	BOARD OF STUDY	YEAR OF PASSING	MARKS %
M.E (CSE)	Regional Centre of Anna University,Coimbatore.	Anna University	2012	8.23
B.E (CSE)	Kamaraj college of Engineering and Technology,Virudhunagar.	Anna University	2008	72
XII	T.M.H.N.U.M.H.S.School, Theni.	T.N.H.S.C	2004	90.39
X	T.M.H.N.U.M.H.S.School, Theni.	MATRIC	2002	82.19

Professional Experience:

    June 2012 –August 2021

      Title   : Assistant Professor
      Teaching Experience : 9 Years and 1 Month
    Institute   : Nadar Saraswathi College of Engineering and Technology,Theni,

Technical Skills:

Programming languages   :   C, C++ ,Python and Java.
Development Environments / OS   :   Windows (98, 2000,7,10) and Ubuntu linux based OS
Scripting languages   :   HTML and PHP

Areas of Interest:

    ❖ Operating Systems
    ❖ Artificial Intelligence

Certification :

    1. Has undergone a certificate program in "**Embedded Systems Design Using 8051 and Advanced Programming**" at Cdiet.
    2. Has completed the **DUC** course for the period of 5 months from 16 Aug,2005 at CSC.

Academic Projects :

  Project-1(B.E): Design and implementation of web crawler.

    Description: Web Crawler is a tool that solves these problems by indexing and automatically navigating the Web. The database the WebCrawler builds is available through a search page on the Web.

Project-2(M.E): RBBag for classification of noisy and imbalanced data.

  Description: A meta-learning technique used to control variance and imbalanced datasets. RBBag outperforms other bagging techniques in handling noisy data.

Achievements:

Journal Published

1. Published a research paper entitled Low-overhead, robustic slender PUF authentication for active attacks based on pattern matching in IJERT conference proceeding Volume .3 ,Issue 12 ,2015.
2. Published a research paper entitled Revamping SDN to minimize the ascendancy of rogue access points in IJAERD Volume .5 ,Issue 3 2018.
3. Published a research paper entitled "Enhanced authentication and data privacy preserving in cloud computing using MAC partition technique" in IJSRED.Special issue 2021.

Conference – International /National

- Presented a paper titled "Roughly balanced bagging for classification of noisy and imbalanced data" in International conference ,ICRTCSE-2012 at Apollo engineering college on 3rd and 4th May of 2012.
- Presented a paper titled "Classification of noisy and imbalanced data using bagging and ensemble methods" in International conference ,ICIE-2012 at SIIMS on 10th and 11th May of 2012.
- Presented a paper titled "The socio-economical data integration by near field communication" in National conference ,NCIT-2011 at Karpagam University on 6th September of 2011.
- Presented a paper titled " The human interactive mobile utilization by touching technology" in National conference ,RTUCCT-2011 at BIT on 17th September of 2011.
- Presented a paper titled "Sampling and bagging methods for imbalanced data classification" in National conference ,NCIT-2012 at Karpagam institute of technology on 12th March of 2012.
- Presented a paper titled "Advanced bagging and boosting methods for imbalanced data classification " in National conference ,N3CT-2012 at Surya engineering college on 16th March of 2012.
- Presented a paper titled "Low-overhead, robustic slender PUF authentication for active attacks based on pattern matching " in National conference ,NCICCT-2015 at Kongunadu college of engineering and technology on 18th March of 2015.

Faculty Development programme :

- Participated in "Communication skills and Personality development programme" conducted by RIPE at Kamaraj college of engineering and technology on June 24-26,2007.
- Participated in Faculty development programme on "Machine learning using open source tools" conducted by Nadar saraswathi college of arts and science on October 7-9,2013.
- Has completed the training in IBM SEED program from 4 – 7 ,December 2013 at Nadar saraswathi college of engineering and technology.
- Attended Faculty development programme on "PHP and MYSQL" conducted by Nadar saraswathi college of engineering and technology on August 9,2014.
- Attended Faculty development programme on "How to communicate effectively" conducted by Nadar saraswathi college of engineering and technology on December 17,2014.
- Attended Faculty development programme on "Photoshop tools" conducted by MaxMindMedia on December 18,2014.
- Attended Faculty development programme on "Introduction to people empowering people" conducted by ICTACT on December 19,2014.
- Attended Two weeks Faculty development programme on "Entrepreneurship" conducted by Amrita University from December 14 to 25 ,2015.
- Attended Two day Faculty development programme on "Crafting Mentors Towards Excellence" conducted by Nadar saraswathi college of engineering and technology on June 9 & 10 ,2017.
- Attended Faculty development training programme on "Innovative approaches in teaching and research strategies" conducted by Nadar saraswathi college of engineering and technology on June 25,2018.

Events Organized :

- Organized NNSC-2014 workshop at Nadar saraswathi college of engineering and technology on February 20 and 21 ,2014.
- Organized "Data Mining and Big Data Analytics" workshop at Nadar saraswathi college of engineering and technology on September 15 and 16 ,2015.
- Organized paper presentation event at "TECSEDO'15 " symposium at Nadar saraswathi college of engineering and technology on August 22,2015.
- Organized the events in "TECH CORE 16 " symposium at Nadar saraswathi college of engineering and technology on September 02,2016.
- Organized the events in "TECH CORE 17 " symposium at Nadar saraswathi college of engineering and technology on August 30,2017.

Workshops/Seminars :

- Attended one day seminar on "Cloud computing" at SNS college of technology on 03 March ,2010.
- Participated one day workshop on "Android OS " at Angel college of engineering and technology during 23 july ,2011.
- Attended two day seminar on "Research issues in DNA computing technology" at Kongu engineering college during 27-28th july,2011.
- Attended two day workshop on "Research and development trends in cloud computing technology" at Selvam college of technology on 29-30 july,2011.
- Attended two day workshop on "WEKA – Data mining tool" at GCT on 8th September,2011.
- Attended one day workshop on "Engineering Research" at Sri Eshwar college of engineering during 24 February,2012.
- Attended two day workshop on "NBA Accreditation " at IIT Madras during 14-15 December,2012.
- Participated in a two week ISTE workshop on "Database management systems" conducted by IIT Bombay from 21-31 May,2013.
- Has been a part of National level workshop "AAD -2014" conducted by Nadar saraswathi college of engineering and technology on 15 and 16 September 2014.
- Attended two day workshop on "Animation tools" at Kongu engineering college during 26-27 of September,2014.
- Attended one day workshop on " Intellectual properties rights & innovations" at Nadar saraswathi college of engineering and technology on 5 December,2015.
- Attended one day workshop on " The crucial role of English on employability skills" at Nadar saraswathi college of engineering and technology on 8 December,2015.
- Attended one day workshop on " Highly effective teaching and learning methodologies" at Nadar saraswathi college of engineering and technology on 9 January,2016.
- Attended one day workshop on " NBA Process & Documentation" at Nadar saraswathi college of engineering and technology on 1st November,2016.
- Attended one day International seminar on "Managerial Leadership" at Anna University Regional campus, Madurai on 7, January ,2017.
- Attended two days Hands-on workshop on "Python Programming" at Velammal college of engineering during 18-19 of August,2017.
- Attended one day National level workshop on " IoT Programming with Python" at Sri Vidya college of engineering and technology on 24 August,2018.
- Attended the Two day virtual workshop on "Criteria wise self assessment report preparation" by Mepco schlenk engineering college on 29 & 30 January , 2021.

Responsibilities Undertaken:

- Has been an EDC coordinator of Nadar saraswathi college of engineering and technology for 2 years.
- Has been an Department NBA coordinator of Nadar saraswathi college of engineering and technology for 2 years.
- Has been an CSE Students association events in-charge of Nadar saraswathi college of engineering and technology for 2 years.

NPTEL completed courses:

- Completed "Privacy and security in online social media" course during Jul-Oct 2017 with Elite.
- Completed " Artificial Intelligence: Knowledge representation and reasoning" course during Jan-Apr 2018.
- Completed "Introduction to Internet of Things" course during Jan-Apr 2019 with Elite+Silver.
- Completed "Operating System Fundamentals" course during Jul-Oct 2019 with Elite.
- Completed "NBA Accreditation and Teaching-Learning in Engineering" course during Jan-Apr 2020 with Elite.

Handled Subjects:

- Operating Systems, Artificial Intelligence, Problem solving and Python Programming ,Computer Graphics, Computer Networks, Computer Programming, Cyber Forensics, Internet Programming, Software Engineering, Data Structures.

Strengths:

1. Ability to handle problems in an optimistic manner.
2. Ability to innovate simple solutions for complex problems.
3. Possession of fine soft skills.
4.Ability to lead and cooperative with the group.

Personal Profile:

Name	**:**	P.G.Siva sharma karthick
Father's Name	**:**	P.Gnana guru sami
Date of birth	**:**	2nd October, 1986
Sex	**:**	Male
Marital Status	**:**	Married
Nationality	**:**	Indian
Languages Known	**:**	English, Tamil ,Malayalam and Hindi.
Hobbies	**:**	Listening to music,surfing & playing chess.
Residential Address	**:**	37-B kalai palace,

VI-th street forest road,
Theni.
Pin – 625531.

I hereby declare that the details furnished above are true up to my knowledge and I promise to bear the full responsibility if any of the above mentioned information is wrong.

Place   :

Date   :

(Siva sharma karthick.P.G)