

**Name:** Dr. P SUBHASH

**Designation:** Associate Professor

**Department:** CSE – (CyS, DS) and AI&DS

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**Experience (in years): Teaching: 17 Research: 06 Others: Nil**

AICTE Id:1-3366127238

Date of Birth: 07-02-1984

### **1. Educational / Technical qualifications:**

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D ( JNTUH)	2017	CSE
2	M. Tech.( JNTUH)	2008	SE
3	B.Tech.( JNTUH)	2005	IT

### **2. Teaching and Learning:**

2.1 Teaching Interests: Ethical Hacking, Malware Analysis, C & C++ languages, JAVA, Web Technologies, Operating Systems, Computer Networks, Network Security, Compiler Design etc.

2.2 Novel Teaching & Learning Techniques adopted: POGIL, Simulations, WIT & WIL, and PPT's

2.3 Involvement in curriculum updating / Design: Designed courses for Cyber Security Specialization.

### **3. Co-curricular and Extra-Curricular Activities**

3.1. Interests and Hobbies:

- To motivate students towards research and serving the nation.
- To motivate students towards doing the projects required for college and let the students get real exposure.
- Browsing internet and Reading Books.
- Playing Cricket.

3.2. Counseling and Mentoring Activity: Counsels and motivates students allotted to me

3.5. Committees involved in:

Department level:

- Communication with –PAAC

### **4. Conference / Workshop / Seminar / Guest Lectures:**

1. Twelve week FDP on “ Ethical Hacking “ from Jan 2023 to April 2023 organized by the NPTEL - AICTE

2. One week FDP on “ Blockchain Technology “ from 27th March to 2nd April 2023 organized by the MakeSkilled organization
3. One week FDP on “ R Programming: A Practical Approach “ from 9<sup>th</sup> May 2022 to 14<sup>th</sup> May 2022 organized by the department of DS,CS and AIDS , VNRVJIET.
4. One week GIAN Certification Course on “Smart Tap – IoT enabled water quality testing and analysis using sensor and cloud” organized by NIT, Warangal during 20<sup>th</sup> to 29<sup>th</sup> November, 2017.
5. A Two-day Workshop on “ Introduction to Machine Learning “ Conducted ny Indian Institute of Technology Kharagpur on 16<sup>th</sup> December ,2017 and 17<sup>th</sup> December , 2017.
6. Associated as coordinator for Paper Presentation in **Vignanitha-2009**, a national level Technical Symposium conducted at Vaageswari College of Engineering.
7. A two day workshop on “Research Aspects in Information Security”, JNTU, Hyderabad.
8. A two day Workshop on Data Mining held at University College of Engineering, Osmania University.
9. One week Workshop on Network Security held at NIT, Warangal.
10. A two day workshop on Pedagogical Practices conducted at Aurora’s Engineering College, Bhongir.
11. A three day work shop on Middleware Technologies conducted at SR Engineering College, Warangal.
12. A two day Work shop on Teaching Ethics conducted at REC, Warangal..
13. A 2 week workshop on soft computing held at National Institute of Technology, Warangal.
14. A 2 day workshop on Research Methodologies conducted at JNTU College,Kondaattu,Jagtia

## 5. Academic Contribution and Research & Consultancy:

### 5.1 Invited lectures

1	Resource Person for the subject “OOP Through Java Programming”	During 6 <sup>th</sup> Feb 2014 to 8 <sup>th</sup> Feb 2014	Jayasree Degree & PG College, Karimnagar,Telangana
2.	Resource person for the subject “Computer Networks”	During 27 thJuly 2019 to 28 th July 2019.	Conducted at UCE, Osmania University, Telangana

3	Resource person on "LATEX"		

5.2. Articles/Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:

a) UG: 30

b) PG: 12

5.5. Research Interests: Security in Wireless Networks and Internet of Things

5.6. Ph.D students:

a) Enrolled: Nil

b) Submitted: Nil

c) Awarded: Nil

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Optimal Cluster Head Selection in WSN with Convolutional Neural Network-Based Energy Level Prediction	Sensors , Vol 22, Issue 24	1424-8220	3.84	International
2	A model to Estimate Pulmonary Fibrosis Severity	Computer Integrated Manufacturing Systems	ISSN: 10065911	1.3	International
3	Sentiment research on twitter data	International Journal of Recent Technology in Engineering, Vol 8, Issue 2, PP 1068-1070	ISSN: 2277- 3878	0.9	International
4	Multi-Modal Summarization of Read, Watch, Listen for Text and Multimedia Content	IJARE, Vol13	ISSN:2278- 3075	1.2	International
5	Trust based HWMP Protocol in	International Journal of	ISSN 1816- 353X (Print)	1.78	International

	High-Performance Wireless Mesh Networks	Network Security vol. 2014, Vol.18, No.5, PP.926-937 Publisher: Hindawi Publishing Corporation	ISSN 1816-3548 (Online)		
6	Secure Neighbor Verification Protocol in Wireless Mesh Networks	Journal of Theoretical and Applied Information Technology, Vol.82, No.2, pp: 299-310	ISSN 1992-8645E	1.2	International
7	Defending against wormhole attack in Multi hop Wireless Mesh Networks	Annals.Computer Science Series, Tom 12,Fasc.2,pp:39-48	ISSN: 2065-7471		International
8	cTrust:Complimentary Trust Based Routing for Wireless Mesh Networks	Annals.Computer Science Series, Tom 12,Fasc.1,pp:66-73	ISSN: 2065-7471		International

#### 5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	SmartRPL: Secure RPL Routing Protocol for Internet of Things Using Smart Contracts	Smart Computing Techniques and Applications: Proceedings of the Fourth International Conference on Smart Computing and Informatics, Vol 1, Pages 795-803	International	2day
2	Power Trust: Energy Auditing Aware Trust-Based System to Detect Security Attacks in IoT	2021 Sixth International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET), IEEE, Pages : 265-269	International	2day
3	Multi-classification for Cardiac Arrhythmia Detection Using Deep Learning Approach	Machine Learning Technologies and Applications. Springer, Singapore, 2021. 263-272.	International	2day
4	Secure Neighbour Discovery protocol for	ICACCI-2015 Third international conference,	International	3 Day

	Wireless Mesh Networks using Connectivity Information	Pages:2061-2066		
5	Mitigating FRI-Attack Using Virtual Co-ordinate System in Multi-hop Wireless Mesh Networks	Emerging ICT for Bridging the Future- Proceedings of the 49th Annual Convention of the Computer Society of India, Springer Publishing., Vol 338, pp: 329-336	International	3Days
6	Preventing Wormholes in Multi hop Wireless Mesh Networks	-IEEE International Conference ,ACCT-13, pp:293-300	International	2 Days
7	Security Issues of Data Query Processing and Location Monitoring in MANETs	IEEE International Conference ,ICCICT-2012, pp:1-5	International	3 Days

#### 5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
1	SWSIS: Secure Weapon Shooting Information System	ARDE, DRDO PUNE	July,2020 to February 2022	9.96Lakh	Completed

#### 5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
1	Nil				

### 6. Awards / Honors received:

- Completed 12 week online NPTEL Certification on Ethical Hacking with ELITE grade 78% ( Jan 2023 – Apr 2023)
- Completed 12 week online NPTEL Certification on “ Introduction to Internet of Things” with GOLD grade 92% ( Jan 2019 – Apr 2019)
- Completed 12 week online NPTEL Certification on “ Wireless Sensor Networks” with GOLD grade 90% ( Jan 2020 – Apr 2020)

**Patents:** No. of Patents Granted: **01**      No. of Patents Published: **02**

**7. Motto:** Excellence in education and research.