

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

KNOWLEDGE ASSET 2020-2021

Name : Dr. P.NEELAKANTAN
Designation : Professor
Department : Computer Science & Engineering
Mail ID : neelakantan_p@vnrvjiet.in
Experience (in years) : **Teaching: 18 Research: 8 Others: 1**



1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D	2015	Computer Science
2	M.E	2002	Computer Science
3	B.E	1999	Computer Science

2. Teaching and Learning:

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|-----|--|---|
| 2.1 | Teaching Interests | Distributed Systems, Cloud computing, Computer Networks, Operating Systems |
| 2.2 | Novel Teaching & Learning Techniques adopted | POGIL, Simulations, WIT & WIL, Blooms Taxonomy, PPT's |
| 2.3 | Involvement in curriculum updating / Design | Designed courses for Distributed Systems, Computer Networks, Programming in C, Advanced Data Structures |

3. Co-curricular and Extra-Curricular Activities

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| 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. |
| 3.2 | CCA/ECA Organized | NIL |
| 3.3 | CCA/ECA Organized | NIL |
| 3.4 | Counseling and Mentoring Activity | Counseling and Mentoring of III Year Students |
| 3.5 | Committees involved in Department Level | <ul style="list-style-type: none">Member - Website Committee. |
| 3.5 | Institution Level | <ul style="list-style-type: none">Member – SportsMember- Discipline Committee |

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted

1. Two day National conference on “Data warehousing & Data Mining”, April 2013 at SVCET,Chittor.
2. Two Day National conference on “Advanced computing Architecture”, March 2013 at SVCET, Chittor.
3. Conducted 15 day national level seminar on “vector models for data Parallel computing” in the year 2012 at SVCET,Chittor
4. Two Day workshop on “Ethical Hacking & Cyber Forensics” , January , 2012 at SVCET,Chittor.
5. Two day National conference on “ Internet Technologies & Security “, December, 2012 at SVCET,Chittor.
6. Convener for Itechnofest, from 2009 to 2012 at SVCET,Chittor.
7. Two day national level seminar on “Advanced Computing Concepts”,2008 at SVCET,Chittor
8. Two Day National conference on Urban security sponsored by DRDO in the year 2011 at SVCET,Chittor

4.2 Attended

1. One week FDP Programme on Sensor Networks and Internet of Things Organized by E & ICT academy from 27th November,2016- 2nd December,2016 at VNR VJIET, Hyderabad
2. Two day workshop on “ Big Data Technologies & Hadoop” from 14th December 2015 to 19th December 2015 at Narayana Engineering college, Nellore
3. Programming trends in Java, Python and R from 16th to 17th October, 2015 at SITAMS , Chittoor
4. Recent trends in shape based object recognition from 19th June to 25th June,2015 at Narayana Engineering College, Nellore
5. IUCEE workshop on Distributed Computing from 21st June 2010 to 25th June,2010 at CVR College of Engineering, Hyderabad

5.1. Invited Lectures

S.No.	Title of Lecture/ Academic Session	Title of Conference / Seminar	Organized by
1.	IoT , Big Data & Analytics	Guest Lecturer	Brindavan Institute of Technology & Science on 6 th August,2016
2.	Load Balancing in Distributed Systems	Guest Lecturer	Brindavan Institute of Technology & Science on 12 th March,2016
3.	Potential and Challenges of Grid Computing	Guest Lecturer	Brindavan Institute of Technology & Science on 14 th November,2015
4.	Distributed Databases	Data mining: Emerging Technologies	Brindavan Institute of Technology & Science on 5 th September,2015

5.2. Articles / Chapters published in Books: 1(programming in c) accepted for publication by RI Publications

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

5.4. Projects Guided:

a) UG: 35 b) PG: 12

5.5. Research Interests: Distributed Systems, Cloud Computing

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.	Decentralized load balancing in Distributed	Pollack Periodica Vol.9. No2,15-28	1788–1994	0.20	International

	systems (15-28)				
2.	An Adaptive Load Sharing Algorithm for Heterogeneous Distributed System	Info Communications Journal Volume V Number 3,30-35	2061-2079	0.12	International
3.	Load balancing in Distributed Systems using Diffusion Approach	International Journal of Computer Applications Volume 39. Number.4, PP.1-10	0975 – 8887	0.35	International
4.	An Adaptive Load Sharing Algorithm for Heterogeneous Distributed System	International Journal of Research in Computer Science Volume 3 Issue 3(2013)	2061-2079	0.12	International
5.	Decentralized Load Balancing In Heterogeneous Systems Using Diffusion Approach	International Journal of Distributed and Parallel Systems (IJDPS) Vol.3 No.1,PP 229-239	0976 – 9757	0.10	International
6.	Task allocation in distributed systems. Indian Journal of Science and Technology	Indian Journal of Science and Technology, Vol.9(31) PP 1-8	0974-6846	0.20	International
7.	Load balancing non-preemptive jobs in grid environment	International Journal of Advanced Research in Computer Science(Volume 8, No. 7, July – August 2017,PP:1183-1187)	0976-5697	0.20	International
8.	Congestion in Wireless Networks - A Study	International Journal of Scientific Research in Computer Science, Engineering and Information Technology © 2017 IJSRCSEIT Volume 2 Issue 5	ISSN : 2456-3307	0.10	International
9.	Consequences and Influences of E-	International Journal of Research and	ISSN 2348-1269	0.10	International

	Commerce in India	Analytical Reviews (IJRAR) , (UGC Listed Journal)			
10.	Study of Architecture Implementation of Cloud Storage	International Journal Of Creative Research Thoughts, February 2018	ISSN 2320-2882	0.05	International
11.	Security Issues in IOT	IOSR Journal of Engineering, Dec 2018	ISSN 2278-8719	0.20	International
12.	Improving Load Balancing By Flexible Assignment Of Jobs In The Grid	”, International Journal Of Creative Research Thoughts, February 2018,	ISSN 2320-2882	0.20	International
13.	A Study On E-Learning And Cloud Computing	International Journal Of Scientific Research In Computer Science, Engineering And Information Technology, January,2018 ,	ISSN 2456-3307		
14.	Challenges and Solutions to Impart Security on Software as A Service Model of Cloud Computing”	International Journal of Scientific Research in Computer Science, Engineering and Information Technology PP 1102-1108, December,2017	ISSN 2456-3307	0.08	International

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1.	On- Demand Scaling of Internet Applications in the Cloud Environment	NCBDTA-2017	National	2
2.	Applications of E-Learning in Engineering Education	NCRTIT-2017	National	2
3.	Ensuring data storage security in cloud computing	NCITS-2011	National	2

4.	Stabilization of flood sequencing protocols in sensor networks	NCITS-2011	National	2
5.	Multicast Authentication based on batch signatures	NCITS-2011	National	2
6.	Methods for efficient work load migration	ICCNS -2008	International	2
7.	Information security component framework for implementation of SSL	NCETAC-2008	National	2
8.	Effectively using token ring bus concept in balancing the load in distributed systems	EPPCSIT-2009	National	2

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
NIL					

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
1.	Inventory management system	Bharathi Trailers, Chittoor	6 Months	2 Lakh	Completed
2.	Fee Information System	Sri Sai High School, Chittor	3 Months	1.5 Lakh	Completed
3.	Examination Information system	Vigna Deepthi Junior college, Chittor	4 months	2 Lakhs	Completed

6. Awards / Honors received:

NIL

7. Motto: Forever learning and committed to excellence