


VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

KNOWLEDGE ASSET 2022-2023

Name	:	Dr. P.NEELAKANTAN	
Designation	:	Professor	
Department	:	Computer Science & Engineering	
Mail ID	:	neelakantan_p@vnrvjiet.in	
Experience (in years)	:	Teaching: 22 Research: 15 Others: 1	
AICTE -ID	:	1-3240081137	
Date of Birth	:	07-05-1974	

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:

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, Web Technologies, Cloud Computing

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.
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	

- | | | |
|-----|-------------------|---|
| 3.5 | Department Level | <ul style="list-style-type: none"> • Member - Website Committee. |
| | Institution Level | <ul style="list-style-type: none"> • Member – Sports • Member- 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: 42 b) PG: 16

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	Reliable budget aware workflow scheduling strategy on multi-cloud environment	Cluster Computing, 1-17	13867857	50	International
2	Analyzing the best machine learning algorithm for plant disease classification	Materials today proceedings	22147853	20	International
3	Efficiently Combining Tweet Content and Social Interactions to Enhance Stress Recognition Performance (Discontinued from Scopus 2020)	International Journal of Advanced Science and Technology 28 (16), 224-229	20054238	14	International
4	Security Issues in IOT	IOSR Journal of Engineering (IOSRJEN) 8 (12), 81-93	22503021	3	International
5	Study of Architecture Implementation of Cloud Storage	IJRAR 5 (4), 733-737	23481269	2	International
6	Improving Load Balancing By Flexible Assignment Of Jobs In The Grid	International Journal of Creative Research Thoughts 6 (1), 1312-1318	23202882	6	International
7	An adaptive framework for making use of cloud computing in creating virtual learning environment at Educational Institutions	International Journal of Creative Research and Thoughts	23202882	2	International

8	A Study On E-Learning And Cloud Computing	International Journal of Scientific Research in Computer Science	23207639	1	International
9	Consequences and Influences of E-Commerce in India	International Journal of Engineering Technology Science and Research	23943386	2	International
10	Congestion in Wireless Networks - A Study	International Journal of Scientific Research in Computer Science ...	23207639	2	International
11	Challenges and Solutions to Impart Security on Software as A Service Model of Cloud Computing	International Journal of Scientific Research in Computer Science ...	24563307	3	International
12	On- Demand Scaling of Internet Applications in the Cloud Environment	International Journal of Innovations & Advancement in Computer Science 6 (8 ...	23478616	4	International
13	Load balancing non-preemptive jobs in Grid Environment.	International Journal of Advanced Research in Computer Science 8 (7)	09765697	2	International
14	Task allocation in distributed systems	Indian Journal of Science and Technology 9 (31), 1-10	09745645	7	International
15	Decentralized load balancing in distributed systems	Pollack Periodica 9 (2), 15-28	17881994	2	International
16	An adaptive load sharing algorithm for heterogeneous distributed system	Info communications Journal 5 (3), 30-35	20612079	7	International
17	Decentralized load balancing in heterogeneous systems using diffusion approach	International journal of Distributed and Parallel systems 3 (1), 229-239	22293957	2	International
18	Load Balancing in Distributed Systems using	International Journal of Computer Applications 39 (4), 1-7	09758887	6	International

	Diffusion Technique				
--	------------------------	--	--	--	--

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