

Name: Dr. TALLURI SUNIL KUMAR

Designation: PROFESSOR

Department: CSE- (CYS, DS, AI&DS)

Mail I'd: sunilkumar_t@vnrvjiet.in



Experience (in years): 23 Teaching: 23 Research: 12 Others (if any, specify):NA

AICTE Id: 1-464122787

Date of Birth:11/07/1973

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.Sc. (M.P.C) From ANU	Mar-1997	Maths, Physics and Chemistry
2	M.C.A From JNTU-H, Hyd	Mar-2000	Computer Applications
3	M.Tech (CSE) From OU, Hyd	Mar-2007	Computer Science and Engineering
4	Ph.D. (CSE) From JNTU-A, ATP	June-2017	Computer Science and Engineering

2. Teaching and Learning:

2.1. Teaching Interests:

DATA SCIENCE, MACHINE LEARNING, DATA ANALYTICS, CLOUD COMPUTING, DISTRIBUTED COMPUTING, DATA MINING and INFORMATION RETRIEVAL

PG:

Distributed Computed, Advanced OS, Data Warehousing and Data Mining, Web Services and Service Oriented Architecture, Code of Ethics, Object Oriented Modelling, RM & IPR.

UG:

Design and Analysis of Algorithms, Operating Systems, Computer Networks, Computer Organization and Architecture, Unix and Windows NT, C Programming, Advanced Databases,

R Programming, Python, Programming, UML, OOAD, DS.

2.2. Novel Teaching & Learning Techniques adopted:

- ✓ WIT&WIL,
- ✓ LBD,
- ✓ Chalk Talk,
- ✓ POGIL
- ✓ Power Point Presentations (PPTs)
- ✓ Computer Aided Teaching (Online Classes)

2.3. Involvement in curriculum updating / Design:

Zonal Commander for Zone-7 (a,b,c,d,e) for COVID-19 prevention and mitigation
In-Charge for Adjunct/Visiting Faculty in the Department, since 2007-Till date
Member Board of Studies (BOS) Committee in the Department

3. Co-curricular and Extra-Curricular Activities**3.1. Interests and Hobbies:**

- ✓ Reading Books
- ✓ Singing
- ✓ Learning New Technologies

3.2. CCA/ECA Organized:

- ✓ Convergence
- ✓ Open House
- ✓ Sintillauntz
- ✓ Cultural Day
- ✓ Annual Day
- ✓ Sports Fest

3.3. CCA/ECA participated:

- ✓ Sintillauntz
- ✓ Cultural Day
- ✓ Annual Day
- ✓ Sports Fest
- ✓ Convergence
- ✓ Open House

3.4. Counselling and Mentoring Activity:

3.5. Committees involved in:

Department level:

Institute Level:

S.No.	Academic / Administrative Responsibility	Institute / Department	Work involved	Period
1	Chairman Canteen Committee	Institute	1) Overall canteen development and monitoring the quality and availability	June-2019 to till date
2	Co-Ordinator Industry Institute Partnership Cell, (IIPC)	Institute	1) Managing student Trainings 2) Industrial Visits Guiding M. Tech & B. Tech Students for their projects	Since March 2015 to till date
3	Faculty Co-Coordinator for Adjunct/Visiting Faculty	Department	Active Participation for Smooth conduction of an event	Since 2015 Till Date
4	Faculty Coordinator for Show and Tell	Department	Active Participation for Smooth conduction of an event	Since 2015 Till Date
5	Project Committee Member	Department	Active Participation for Smooth conduction of an IV Year Projects	Since 2015 Till Date
6	Faculty Coordinator for Thrivon (Students Mental Wellness Programme) By Ms. Nitya Kanuri from Stanford University, USA.	Institute	Active Participation for Smooth conduction of an event	Since 2015 Till Date
7	Member Library Committee, VNRVJiet	Institute	Active Participation for Smooth conduction of an event	March 2015 – Till Date
8	Member, Discipline committee, VNRVJiet	Institute	Active Participation for Smooth conduction of an event	July 2015-till date
8	Faculty Coordinator for “Data Science Center of Excellence”	Department	Instrumental to establish a Center of Excellence in Data Science	Since 2015 Till date
9	Faculty Coordinator for M. Tech CSE	Department	Instrumental in Running the course smoothly and looks after all academic and administrative needs of M. Tech CSE Course	Since 2017 Till date

Conference / Workshop / Seminar / Guest Lectures:

1.1 Conducted:

S. No	Type of the program	Name of the program	Lecture Topic	Duration	venue	Organized by
1	Induction Programme	Freshers' Orientation	Bring out the best in you	6 hours	VNRVJIET	CSE Dept of VNRVJIET
2	R Training	II B Tech CSE students	Introduction to R software	60 hours	VNRVJIET	CSE Dept
3	M Tech (CSE&SE) Orientation Programme	M.Tech (CSE&SE)	Bring out the best in you	6 hours	VNRVJIET	CSE Dept of VNRVJIET

S. No.	Nature of Contribution	Details of associated Organization / Journal / Conference etc.	National / International	Date / Duration
1	Organizing Committee for the ICACECS	VNRVJIET	International	2020-21
2	Organizing Committee for the ICACECS	VNRVJIET	International	2019-20
3	Reviewer for the International Conference	MLR IT- Hyderabad	International	2018-19
4	Session Chair at IEEEPS-2018	VNRVJIET	International	2018-19

1.2 Attended:

S.No.	Programme	Duration	Organized by
1	AICTE Sponsored two-week Refresher course on "Recent Trends in Cloud Computing"	14 Days	VNRVJIET
2	Distributed Computing Course	7 Days	IUCEE-CVR College
3	Cloud Computing	7 Days	C-DAC-Hyderabad
4	Natural Language processing NLP	7 Days	MeitY, ICT
5	Introduction to R Software Training Course	3 Months	CSE Dept of VNRVJIET
6	FDP on Block chain Technology	1 Week	CSE Dept of VNRVJIET

7	FDP on Hadoop by NLP NIT-Patna	1 Week	NIT-Patna
8	FDP on Python	1 Week	NIT-Patna
9	FDP on Quantum Computing	1 Week	NIT-Jaipur

S. No.	Nature of Contribution	Details of associated Organization / Journal / Conference etc.	National / International	Date / Duration
1	Organizing Committee for the ICACECS-2021	V N R V J I E T	International	2020-21
2	Organizing Committee for the ICACECS-2020	V N R V J I E T	International	2019-20
3	Reviewer for the International Conference	MLR IT- Hyderabad	International	2018-19
4	Session Chair at IEEEPS-2018	V N R V J I E T	International	2018-19
5	Organizing Committee for the ICECIT-2015		International	2015-16
6	Organizing Committee for the NNCC-2015		International	2015-16
7	Organizing Committee for the InDaS-2014	V N R V J I E T	International	2014-15
8	Organizing Committee for the ICACM-2013	G R I E T	International	2013-14
9	Organizing Committee for the IEEE-2012 (T4U)	IIT-Hyderabad	International	2012-13

2. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

S.No.	Title of Lecture/ Academic Session	Title of Conference / Seminar etc	Organised by	Whether International/ national
1	Distributed Computing	National Seminar	Vidhya Jyothi Institute of	National

			Technology and Management	
2	Session Chair in ICACECS-2020	International	VNRVJIET	International
3	Session Chair in AICC-2018 at MLRIT	International Conference	MLRIT, Dundigal	International
4	Introduction to R software	VNRVJIET II CSE Students Training	CSE Dept of VNRVJIET	National
5	I B. Tech Induction Programme	Institute Level	H & S Department	Institute level
6	I M. Tech (CSE & SE) Orientation Programme	Institute Level	CSE Department	Institute Level

5.2. Articles / Chapters published in Books:

S.No.	Title with page nos.	Book Title, editor & publisher	ISSN/ISBN NO.	Whether peer reviewed	No. of Co-authors	Whether you are the main author
1	Scope of blockchain in education sector	DTS 5.0 (Disruptive Technologies For Society 5.0: Exploration of New Ideas, Techniques, and Tools)	NA	Yes	2	No

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

5.4. Projects Guided:

a) UG: b) PG:

S. No.	M.Phil. or equivalent Ph.D. or equivalent	Number Enrolled	Thesis Submitted	Degree awarded
1	II M Tech Major Projects	18071D5806	An Information Extraction System For Automatic Retrieval Of Web Documents Using Semantic Analysis	Dec-2020
2	II M Tech Major	17071D5805	Machine Learning Algorithms	Feb-2019

	Projects		to Ensemble the Classifiers For Diabetic Retinopathy	
3	II M Tech Major Projects	16071D2507	Video face recognition using Autoencoder and softmax classifications	Nov-2019
4	II M Tech Major Projects	15071D2509	Development of an Authentic and Anonymous Data sharing using Ring signature	Jan-2018
5	II M Tech Major Projects	14071D2504	A Cost Efficient Multi Cloud Data Hosting Scheme with High Availability in Heterogenous Multi-Cloud	Mar-2016
6	II M Tech Major Projects	13071D2511	Scalable Keyword search on Large Resource Description Framework Using Backward Technique.	Jul-2015
7	II M Tech Major Projects	11071D2504	A Smart Phone Based Application For Analysing Incidents and Vehicle Tracking System	Jul-2013
8	II M Tech Major Projects	12071D2503	Coupling Of Obd2 Using Bluetooth To Enhance Route & Safety Tracking Capabilities	Aug-2014

5.5. Research Interests:

DATA SCIENCE, MACHINE LEARNING, DATA ANALYTICS, CLOUD COMPUTING, DISTRIBUTED COMPUTING, DATA MINING and INFORMATION RETRIEVAL.

5.6. Ph.D. students: NA

a) Enrolled:

b) Submitted:

c) Awarded:

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	Machine Learning Algorithms to Ensemble the Classifiers for Diabetic Retinopathy	JARDACS	ISSN 1943-023X	0.13 H-Index 17 SCOPUS SJR	International
2	Image retrieval based on hybrid features	ARNP Journal of Engineering and Applied Sciences	VOL. 12, NO. 1, JANUARY 2017 ISSN 1819-6608	Peer Reviewed	International
3	Image Information Retrieval based on Edge Responses, Shape and Texture Features using Datamining Techniques	Global Journal of Computer Science and Technology: FGraphics & Vision	Online ISSN: 0975-4172 & Print ISSN: 0975-4350	Peer Reviewed	International
4	Region Based Integrated Approach for Image Retrieval	Graphics, Vision and Image Processing Journal	ISSN 1687-398X, Volume 16, Issue 3, ICGST LLC, Delaware, USA, Dec. 2016	Peer Reviewed	International
5	Content based image retrieval using multi region features	Journal of Theoretical and Applied Information Technology	ISSN: 1992-8645 www.jatit.org E-ISSN: 1817-3195	Peer Reviewed	International
6	Multi-Cloud system in the Dynamic Environment Data Hosting Scheme as Cloud with Access Control Model	INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGY AND ADVANCED RESEARCH IN	IJMTARC – VOLUME – IV – ISSUE - 15 - SEPT 2016 ISSN: 2320-1363	Peer Reviewed	International

		COMPUTING			
7	Dealing with concept drifts in process mining using event logs	Internal Journal of Engineering and Computer Science (IJECs)	IJECs– VOLUME – IV – ISSUE - 07 - JULY 2015 ISSN: 2319-7242	Peer Reviewed	International
8	Development of an Authentic and Anonymous Data Sharing Using Ring Signature	International Journal of Research (IJR)	e-ISSN: 2348-6848 p-ISSN: 2348-795X Volume 05 Issue-01 January 2018	Peer Reviewed	International
9	A Three Level Framework for Secured Cloud Computing	International Conference on Systemics, Informatics and Cybernetics (ICSCI-2012)	CI-7.6	Peer Reviewed	International
10	Innovative Methods for teaching Computer Graphics	FACAF 2009		Peer Reviewed	International
11	A Survey on Open issue of MapReduce in Big Data	IJCSC-2018	Vol 9 (1) Pp 170-174 Publisher: Computer Science and Electronic Journal Publication ISSN:0973-7391	Peer Reviewed	International

5.8. Papers presented at National / International Journals :

S. No	Title of the Paper	Names of the Conference/ Seminars	ISSN/ ISBN No	National/ International	Period

1	A Three Level Framework for Secured Cloud Computing	International Conference on Systemics, Informatics and Cybernetics (ICSCI -2012)	CI-7.6	National	
2	Innovative Methods for teaching Computer Graphics	FACAF 2009	Conference Proceedings	National	

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant/ Amount Mobilized (Rs. Lakh)	Whether policy document/ patent as outcome
1	Driving Simulator for Indian Environment	AutoSim (Norway) and X-Design Ventures Pvt. Ltd.	2 Years	75.98	Completed Product delivered
2	Mobile Driving Simulator for Indian road Environment	Drive Logics and X-Design Ventures Pvt. Ltd.	2 Years	75.98	Completed Product delivered
3	Testing Thrive-On Mental Wellness Program	Stanford School of Medicine Stanford university USA	1 year	150,000-00	Completed Online Survey conducted and analyzed Students Mental Stress levels
4	Industry Institute Partnership Cell (IIPC)	AICTE, New Delhi	2 years	11,00,000-00	Completed Industry Interactions conducted
5	Technophilia Systems-CRESE	Technophilia Systems-Mumbai	1 Year	1,50,000-00	Completed Robotic Projects Implementation
6	Big Data Analytics using R Language	M/s Abacus India Pvt. Ltd, USA	1 Year	5,84000-00	Completed R Language Training and Students Projects

5.10 Consultancy Projects:

S. No	Title	Agency	Period	Grant/Amount Mobilized (Rs Lakh)
1	Skill and Personality Development Centre for SC/ST Students	AICTE-SPDP	3 Years (2018-21) Ongoing	15,63,000-00
2	Design of Hybrid Data Mining techniques for effective retrieval of information from cloud-based Applications	UGC-Minor	2 Years Completed	80,000-00

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
1	Big Data Analytics using R Language	M/s Abacus India Pvt. Ltd, USA	1 Year	5,84000-00	Completed R Language Training and Students Projects

6. Awards / Honors received:

NPTEL/MOOCs/Certificate Courses in Mezzanine Technologies

- ✓ R Programming Certification from N P T E L
- ✓ Python Programming,
- ✓ Data Science
- ✓ Quantum Computing Udemy online course
- ✓ A Certificate of Appreciation from UNIK life for Organizing a Creative Minds workshop.
- ✓ A letter of appreciation for 100% pass percentage of academic results
- ✓ A letter of Appreciation to the valuable and dedicated contribution to AICC-2018

7. Motto:

Happy to accept change, awaken myself to explore new-found possibilities, "I am a river, and able to cut through the pitch of every hard moment" to create my plan ahead to help others for the advancement of Academics and Research.

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