FACULTY PROFILE

1. **Name**   : **Dr. Deepak Nedunuri**
2. **Designation**   : **Professo**r
3. **Department**   : **CSE**
4. **Date of Joining**   : **06-05-2011**
5. **Nature of Employment:** **Regular**
6. **Date of Birth**   : **April 19th**
7. **Unique ID (AICTE FID) : 1-725107132**
8. **Email**   : **nedunurideepak@gmail.com**
                                      nedunurideepak@sircrrengg.ac.in
9. **Phone**   : **9866222227**
10. **Address for communication:** H-No: 28-12-6,
                                      Sathi Raju Vari Street,
                                      Kappala Venkkanna Junction, Velpur Road,
                                      Tanuku-534211

11. **Educational Qualifications:**

Qualification	Institute	University/ Board	Specialization	Year of Passing	Division/ Class
Ph.D	JNTU-K	JNTU-K	CSE	2017	Awarded
PG	Sathyabama University	Sathyabama University	IT	2009	1st Class with Distinction
UG	Pondicherry University	Pondicherry University	IT	2006	1st Class

12. **Work Experience:** 17 Years

   Teaching: 17 Years   **Research:--- Industry:---**   **Total:** 16 Years 03 Months

Name of the Organization	Designation	Date From	Date To
Sir C R Reddy College of Engineering, Eluru.	Professor	01-04-2024	To Till Date
Sir C R Reddy College of Engineering, Eluru.	Associate Professor	01-01-2018	31-03-2024
Sir C R Reddy College of Engineering, Eluru	Assistant Professor	06-05-2011	31-12-2017
Sri Vasavi Institute of Engineering and Technology	Assistant Professor	April 2009	May 2011

13. **Courses taught:**

S.No.	Name of the subject	UG/PG
1	Database Management Systems	UG
2	Object Oriented Software Engineering	UG/PG
3	Digital Logic Design	UG
4	Computer Organization	UG
5	Software Engineering	UG/PG
6	Software Project Management	UG
7	Computer Networks	UG/PG
8	Mobile Computing	PG
9	Object Oriented Analysis and Design	UG
10	Cloud Computing	PG

14. Administrative Responsibilities:

S. No.	Description	College/ Department level
1	Controller of Examinations	College Level
2	PAC & DAC Member	Department Level
3	NBA Criterion-2 Coordinator	Department Level
4	NAAC Coordinator	Department Level
5	Disciplinary Action Committee	Department Level
6	IQAC Member	Department Level
7	Co-convener for workshops	Department Level
8	Projects coordinator	Department Level
9	B.Tech [UG]Paper Publications Coordinator	Department Level

15. Research Guidance:

M. Tech		Ph. D	
Completed	Ongoing	Completed	Ongoing
12	01	-NIL-	01 at JNTU-K

16. Research Publications in Journals (National/International):

S. No.	Author(s) Name	Title of the Paper	Name of the Journal	National/ International	Month & Year	Volume, Issue No, Page No's	UGC/ Web of Sciences/ Scopus/ SCI/Others
1	Dr Deepak Nedunuri	LPG Weight And Leakage Monitoring System Using IoT	International Journal of Computer Science Trends and Technology	National	2023	VOL 11, Issue 4, 35-39.	UGC-CARE
2	Dr Deepak Nedunuri	Review of Skin disease classification using machine learning methods	Neuro quantology	International	2022	VOL 20, Issue 15 2218-2225	SCOPUS
3	Dr Deepak Nedunuri	Secrecy Scheme for Cloud Forensics with Cloud Log Assuring Soundness	Journal of Engineering Sciences	National	2021	VOL 12, Issue 09 112-129	UGC-CARE
4	Dr Deepak Nedunuri	Classification and Distance Measure Algorithms By Detection of Fake and Clone accounts in Twitter	International journal of research in electronics and computer engineering	National	2021	VOL. 9 ISSUE 02 112-115	UGC
5	Dr Deepak Nedunuri	A Comparatives Study of Protein Kinase Domain Regions for MAPK 1-14	SPRINGER	International	2021	369-376	SCOPUS
6	Dr Deepak Nedunuri	An Efficient Bluetooth Scatternet Communication Algorithims For Dynamic Environments	Journal Of Critical Reviews	International	2020	VOL 7, ISSUE 03	SCOPUS

7	Dr Deepak Nedunuri	Phylogenetic Tree Construction For Highly Conserved Mitogen Activated Protein Kinases	International journal of research in electronics and computer engineering	National	2019	VOL 7, Issue-01	UGC
8	Dr Deepak Nedunuri	In Silico Prediction of an Unknown Function of a Protein Using Bioinformatics Tools	International journal of research in electronics and computer engineering	National	2019	VOL 7, Issue-01 1196-1200	UGC
9	Dr Deepak Nedunuri	Systematic Spatial Keyword Perception Suggestive Travel Route Recommendation Algorithm	International journal of research in electronics and computer engineering	National	2019	Vol-7, Issue-1	UGC
10	Dr Deepak Nedunuri	A Novel Approach For Travel Route Recommendation Algorithm Using Systematic Spatial Keyword	International journal of research in electronics and computer engineering	National	2019	Vol-7, Issue-3	UGC
11	Dr Deepak Nedunuri	Network analysis as a method of assessing terms in a dataset comprising eating disorders	International Journal Of Engineering And Technology (UAE)	International	2019	Vol-7, Issue-2.7	SCOPUS
12	Dr Deepak Nedunuri	Computer-Aided Sequence Analysis and Homology Modelling Of Breast Cancer Receptor ERBB2	International journal of research in electronics and computer engineering	National	2018	VOL 6, Issue-04	UGC
13	Dr Deepak Nedunuri	Alignment Establish Representative data Uploading & private data principle test in cloud	International Journal of Research in Electronics and Computer Engineering	National	2018	Vol-5, Issue: 4	UGC
14	Deepak Nedunuri	In silico pathway analysis of MAPKs and Computational investigation of bipyrazole analogues as novel p38 alpha MAPKs inhibitors	International Journal of Bioinformatics research and applications	International	2017	Vol-12., No:02, PP:1-18	SCOPOUS
15	Deepak Nedunuri	Cluter Specious Transformation Technique for Secracy Image Encryption and Compression	IJATIR	International	2016	Vol 8, Issue 22	Others

16	Deepak Nedunuri	Secure Evaluate Detection for Fake Identities by using Face, IRIS and Biometric	International Journal of Innovative Technologies	International	2016	Vol-12., No:02	Others
17	Deepak Nedunuri	Proposition Arrangement with Friends on Online Social Networks	International Journal of Innovative Technologies	International	2016	Vol-12., No:02	Others
18	Deepak Nedunuri	Selective inhibition of p38 MAPK isoforms using bipyrazole derivatives: An in silico approach	International Journal of Computer Applications	International	2015	Vol-5, Issue: 4	Others
19	Deepak Nedunuri	Data Access in Disruption Tolerant Networks using cooperative caching	IJSEAT	International	2015	Vol 8, Issue 22	Others
20	Deepak Nedunuri	Implementation of Event Managing for Protection Privacy Constraints	IJRRECS	International	2014	Vol-5, Issue: 4	Others

17. Research Papers in Conferences (National/International):

S.No.	Author(s) Name	Title of the Paper	Name of the Conference/ Journal	National/ International	Month& Year	Page Nos
1	Dr Deepak Nedunuri	Identification of Best Cluster from a Datasets Using Hybrid Hierarchical and Non-Hierarchical Methods	IEEE Xplore	International	2021	1546-1550
2	Dr Deepak Nedunuri	A novel approach to compress DNA repetitive sequences in bio-informatics	Journal of Physics	International	2019	Vol-1228
3	Dr Deepak Nedunuri	Dynamic security for multi-user access control in distributed environment	Journal of Physics	International	2019	Vol-1228
4	Dr Deepak Nedunuri	Computational prediction and validation studies on a diverse dataset of COX-2 inhibitors	Journal of Physics	International	2019	Vol-1228

S.No.		Author(s)	Title	Publisher	Level	Year	
5	Deepak Nedunuri		Pathway analysis of highly conserved Mitogen activated protein kinases (MAPKs)	SPRINGER	International	2016	
6	Deepak Nedunuri		A Novel approach for personalizing web search using ranking model adaptation	National Conference on Research Issues and Recent Trends in Computer Science & Information Technology	National	2013	VOL 4 ISSUE SPL-4
7	Deepak Nedunuri		A novel approach for efficient routing in MANETs with energy routing algorithm	National Conference on Research Issues and Recent Trends in Computer Science & Information Technology	National	2013	VOL 4 ISSUE SPL-4

18. No. of Book Chapters Published:

S.No.	Author(s) Name	Title	Publisher	ISBN	Year of Publishing
1	Deepak Nedunuri	A Comparatives Study of Protein Kinase Domain Regions for MAPK 1-14	SPRINGER	978-981-15-5400-1	2021
2	Deepak Nedunuri	Pathway analysis of highly conserved Mitogen activated protein Kinases (MAPKs)	SPRINGER	978-981-10-0391-2	2016

19. Workshops/ FDPs/STTPs /etc., (Organised):

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
-NIL-				

20. Workshops/ FDPs/STTPs/ etc., (Attended):

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
1	AICTE-Incorporating Universal Human Values In Education	ONLINE	19 DEC	23 DEC 2022
2	End-to-End Data Science Product Development- NIT, Warangal.	ONLINE	05 DEC	12 DEC 2022
3	AICTE-Incorporating Universal Human Values In Education	ONLINE	28 JUNE	2 JULY 2021

4	5 Day FDP On Intelligent Systems For Sustainable Development	ONLINE	8 JUNE	12 JUNE 2021
5	Machine Learning and Pattern Recognition [ATAL]	ONLINE	18 JAN	22 JAN 2021
6	Artificial Intelligence [ATAL]	ONLINE	28 DEC 2020	1 JAN 2021
7	The Future Technology Stack-AI, ML, & NLP	ONLINE	8 JAN	10 JAN 2020
8	One day workshop on Artificial intelligence and Machine Learning	ONLINE	JAN 30	JAN 30 2020
9	Online Faculty Development Program on Cyber Security	ONLINE	15 MAY	16 MAY 2020
10	National Level Faculty Development Program for Online Classroom Post Covid-19	ONLINE	18 MAY	20 MAY 2020
11	Artificial Intelligence	ONLINE	22 MAY	26 MAY 2020
12	Artificial Intelligence & its Applications	ONLINE	25 MAY	30 MAY 2020
13	Research Methodology	ONLINE	1 JUNE	2 JUNE 2020
14	Research Publications, Process, Credentials and Outcomes	ONLINE	9 MAY	9 MAY 2020
15	Ensuring Quality Assurance in Higher Education-Role of Industry & Professional Bodies	ONLINE	1 JUNE	1 JUNE 2020
16	Software Quality Assurance	ONLINE	2 JUNE	2 JUNE 2020
17	Big Data vs Data Analytics vs Data Science	ONLINE	8 JUNE	8 JUNE 2020

21. Sponsored Projects:

S.No.	Title	Sponsored by	Amount	Period	Ongoing/ Completed
-NIL-					

22. Consultancy Projects:

S.No.	Title	Agency	Amount	Period	Ongoing/ Completed
-NIL-					

23. No. of Patents (Filed/Granted):

S.No.	Title	Application Number	Year	Filed/Granted
1	Distributed industrial communication based on MQTT and Modbus in the context of further industry.	202321054254	2023	Granted
2	IoT tool for monitoring PV installation.	202241055937	2022	Granted

| 3 | Non-Dominated sorting algorithm for the efficient multi-objective routing problems in wireless sensor networks. | 202211010586 | 2022 | Granted |
| 4 | Implementation of IoT application for monitoring humidity and temperature data in building indoor environments. | 202141060130 | 2021 | Granted |

24. Awards/Honours Received:

S.No.	Award Name	Awarded by	Contribution	Date Received
-NIL-				

25. Professional Memberships:

S.No.	Name of the Professional Body	Membership No.	Membership Type
1	The Institute of Engineers	M-153939-0	MEMBER-LIFE
2	Computer Society of India	ID: 5083220002	MEMBER

26. Membership in BOS/ Editorial Boards:

S.No.	Name of the University/ Journal	Member/ Editor/ Reviewer	Period
1	MVR College of Engineering and Technology	Member-Nominated by Governing Body Board of Studies for CSE	JAN 2022 TO TILL DATE

27. Details of Personal Blogs/Educational YouTube Channels/ *e* content (if any): NIL

28. Details of Innovative Design/Development of Product or Model (if any): 02

In Usage:

- Auto PDF Hall-Ticket Cutter [Used in Examination Section, which reduces nearly 6000 paper usage annually]

On Going:

- Examination Portal for Sir C R Reddy College of Engineering [Under Implementation]

29. Technology Transfer: -NIL-

30. Special Achievements (If any): -NIL-

31. Personal Details:

(a)	Father's Name	:	Nedunuri Lakshmi Narayana
(b)	Mother's Name	:	Nedunuri Satya Kumari
(c)	Gender	:	Male
(d)	Marital Status	:	Married
(e)	Religion	:	Hindu
(f)	Nationality	:	INDIAN

Signature