Name	:	**DR.N.MANGA THAYARU**
Designation	:	Professor
Department	:	Information Technology
Mail id	:	mangathayaru_n@vnrvjiet.in
DOB	:	16-10-1972
AICTE ID	:	1- 46412299
JNTU ID	:	
Scopus ID	:	
Vidwan Id	:	

Experience (in years): Teaching: 21yrs 6 months Research: 6yrs inclusive

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.Tech	1997	ECE
2	M.Tech	2003	CSE
3	Ph.D	2010	CSSE

➢ Conducted AICTE sponsored FDPs & Workshops course on Cloud computing, Security for faculty & BTECH IT
➢ Received for FDP Grants from AICTE in December-2011,13
➢ Applied for DST Grants for Project Proposal in health care Domain in April 2020
➢ Reviewer for various journals like Springer, Science publications and IEEE conferences
➢ Deputed as an External Examiner for project viva and Judge for project expo conducted at GRIET, SNIST , MREC , GNITS, BVRIT respectively
➢ Deputed as session chair to ICEMIS2017, ICCII 2019
➢ Deputed as Board of Studies member conducted on June 2020,21 at MRECW

2. Teaching and Learning:

2.1 Teaching Interests:

● Computer Networks,
● Software Engineering
● Mathematical Foundations of Computer Science
● Object Oriented Analysis and Design, Compiler design
● Database Management System,
● Operating Systems,
● C Programming,
● Formal languages & Automata theory,
● Code of Ethics

- Compiler design
- Data Science
- Cyber Forensics

2.2 Novel Teaching & Learning Techniques adopted:

- PPTs, Videos, Quiz, WIT & WIL, POGIL

2.3 Involvement in curriculum updating / Design:

- Designing of new syllabus for subjects like Object Oriented Analysis and Design , Green IT and Board of studies member since 2011 onwards and also as Dept. Academic & Development Committee Member for designing of B.Tech-IT and M.Tech. Course Coordinator -CNIS Syllabus.
- BoS member for MREC

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- To promote work efficiency, Spiritual reality, Gardening

3.2. CCA/ECA Organized:

- Conducted Online Short-Term Program on **Data Visualization for Deep Learning Using Power BI and Tableau during February 2023 – 28th February, 2023 i**n association with the Center for Continuing Education NIT Warangal & Department of IT
- Coordinated as a member for NBA ,NAAC for respective criterias
- Coordinated for smooth conduction of BoS conducted on 5 March'2023
- B.Tech and M.Tech Project Expo as part of SHOW &TELL,
- As Live wire Coordinator   coordinating for college Fests
- Coordinating in "VGLUG", an open source O.S.
- Conducted as member for IACC 2017 Conference.
- Conducted as member for International conference on Data Sciences 2014.
- Participated as Selection committee member for various other colleges

3.3. CCA/ECA participated:

DRDO Sponsored Project Poster Presentation during Open House 2015 and 2016 &,2017 , 2019 Poster presentation on Smart farming

3.4. Counseling and Mentoring Activity:

- Every year IT 20 students and 2 M.Tech(CNIS) students for mentoring and counseling

3.5. Committees involved in:

- Department level:, Department Academic committee, Department Development committee, M. Tech project Review committee, M.Tech projects Coordinator. NBA, NAAC, Syllabus, Mentoring
- Institute Level: Campus Automation Management System (CAMS)
- Grievance Redressal Committee, Live wire Coordinator

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted:

- Conducted 15days remedial classes for the late joined lateral entry students for the coverage of the syllabus in 2004 after the academic class work. Venue: CSE/IT Seminar Hall, VNR.

- Conducted 3 day training programme for police constables Venue: IT-Workshop Laboratory, VNR VJIET.
- Conducted a 2 day training programme on "Information Technology-Hardware" for both CSE and IT teaching staff, during September 22nd& 23rd 2008. Venue: IT-Workshop Laboratory, VNR VJIET.
- Conducted a 3 day Micro Teaching programme for both CSE and IT teaching staff, during April 20th to April 22nd 2009.
- Coordinated for two AICTE sponsored FDPs conducted by IT Dept.
- Coordinated for International Conference on Data Sciences conducted by CSE & IT Dept.
- Conducted a short-term course on "International workshop on transdisciplinary education and research for research scholars, M.Tech students during October 23 – 24, 2007, and acted as one of the resource person for the programme. Venue: Andhra University.
- Conducted a short-term course on "Bio-Informatics" to B.Tech. students and Engineering college staff, during Feb 18 -19, 2008, and acted as the Coordinator Venue: IT seminar hall, VNRVJIET.
- Conducted a three day professional training programme on "Computer Fundamentals and Internet -for Police Personnel during October 3-5, 2007 and acted as a resource person at UNIX programming lab
- Conducted one day workshop on "Information security" for B.Tech. students on Oct 2010 on account of "ISTE fifth annual convention under A.P section" at VNRVJIET Venue: B-Block seminar hall, VNRVJIET
- Conducted a one day seminar on "Data Base management systems " for B.Tech II year students on   Feb'11
- Conducted a one day seminar on "Optimization Techniques' for III year Students on Oct'11
- Conducted fifteen day Faculty development program on "Recent Trends In Networking & Security "
- At VNRVJIET from June13 to 26 June '11 for faculty of Engineering colleges Nation wide.
- Conducted respective Guest Lectures by Dr. M. Devi Prasad, Professor, VNR VJIET for II, III, IV years Students of IT Dept. VNRVJIET.
- Conducted one session on Data mining & Warehousing &its Industry Perspective by V. Ramesh from TCS,HYD for III Year students on 20 March'13 under TEQIP-II
- Conducted one day seminar on Software Engineering & its Industry Perspective by G. Surender Babu, Technical lead- QA, Generic Solutions for II year students on March 25'13 under TEQIP-II
- Conducted one day seminar on Fraud analysis by Bhanu Prakash,, Technical lead-Fraud analytics ,TCS for M.Tech students on Nov 30'13 under TEQIP-II
- Conducted one day seminar on Digital crimes & forensics by Anil, Technical lead-Digital Forensics, TCS for M.Tech students March'2014 under TEQIP-II
- Conducted one day seminar on Networks & its security by H. Krishnamoorthy, Professor, IISc,Bangalore for M.Tech students Nov'2014 under TEQIP-II

- Conducted fifteen day Faculty development program on "Recent Trends In Cloud computing & Security " At VNRVJIET from June3 to june'13 for faculty of Engineering colleges Nation wide
- Conducted Guest lecture on motivational skills for third year students IT & EIE
- Conducted a guest lecture on software Design by Edwin Anand of TCS ,HYD for III year students under TEQIP II on 24 oct'2014.
- Conducted a workshop on Computer Networking & its Applications by Seimens for IV students under TEQIP II on 8- 9th 2015
- Conducted a Workshop on Soft Computing by IIT,HCU,IDRBT ,HYD for IV year students under TEQIP II on 28-30th 2016.
- Conducted a Workshop on Web applications using Python by IIITH for III year students under TEQIP II on 4-5th 2016
- Actively participated in the committees of International Conference IACC 2017 jointly organized by IEEE and VNRVJIET during 05 Jan - 07 Jan 2017.
- Actively participated in the committees of International Conference InDaS 2014, organized by VNRVJIET, HCU during February 26, 2014 to Friday, February 28, 2014.
- Conducted a Workshop on networking concepts by HCU faculty & seimens experts for VI year students under TEQIP II on oct' 2016
- Conducted a Workshop on OOAD concepts by Mr. Venu Tadipatri of Pinnacle for III year students on Dec' 2017
- Conducted 4 day online workshop on R PROGRAMMING BY Ms.M.Susmitha of IT for II year students from 25may to 28 may'2020
- Conducted 4 day online workshop on Competitive coding skils,Python programming, fundamental of website by IT students peer learning during may'2020
- Conducted 4 day online workshop on R PROGRAMMING BY Ms.M.Susmitha of IT for II year students from 28April to 1May'2021
- Conducted 4 day online workshop on Networking in collaboration with VIT& Jain University
- Conducted guest lecture in AI & its application by M.Manasa Devi,Brussel,Belgium

4.2 Attended:
1. Short Term intensive course on "Embedded Systems" by G.Narayamma College of Engineering from 3 -5 Dec 2003.
2. Attended a course on "Object-Oriented Analysis &Design using the UML with Fundamentals of Rational Rose "by IBM from 06th-07th Dec'05.
3. Object Oriented Analysis and Design using the UML with Fundamentals of Rational rose at VNRVJIET from 6th Dec - 7th Dec, 2005.
4. Free & Open Source Software (GNU/Linux) at VNRVJIET from 16th – 18th March, 2006.
5. Object Oriented Analysis and Design using the UML with Fundamentals of Rational rose at VNRVJIET during 27th August – 29th August, 2008.
6. Three Day Workshop on "OOAD with UML using IBM Rational Rose" at VNRVJIET during 27-29, August 2008.
7. Two Day Workshop on "Software Economics" by CSE Dept in VNRVJIET.
8. Orientation Programme on "Research Methodology " at VNRVJIET
9. IEEE one day symposium at TCS ,Hyd on "Computational Intelligence in Bioinformatics" at Apr'4'10

10. IEEE one day symposium at TCS ,Hyd on "Unique challenges on bioinformatics" at May1'10
11. Three Day Workshop on "Advanced UNIX Operating Systems" by IT Dept in VNRVJIET.
12. One Day Workshop on "Hidden Markov Model" by ISTE Chapter in VNRVJIET.
13. Three Day Workshop on "Network Programming" by CSE Dept & CSI Student Chapter at VNRVJIET from 16th-18th Sep 2010.
14. One Day Workshop on "Women in Research-the FOSS Paradigm" at UGC-Academic Staff College, JNTUH on 26th Nov 2010.
15. Short Term Course on "Recent Trends in Advanced Technologies" by CSE Dept. at VNRVJIET from 20th -22nd Jan 2011.
16. AICTE Sponsored Faculty Development Programme on "Recent Trends in Networking Security" by IT Dept. at VNRVJIET from 13.6.11 to 26.6.11.
17. Expert Lecture on "Introduction to Computational Intelligence & Applications in
18. Bioinformatics" organized by IEEE-Hyderabad Section Dept. of Computer & Information Sciences, UOH on 06.08.11.
19. IEEE one day symposium at TCS , Hyd on "Next generation biology- Bioinformatics" at Nov'2010
20. 8 IEEE half day symposium at UOH , Hyd on "Statistics, Fuzzy & Bioinformatics" at 6-10-2011
21. 2-day international conference on "Bio-informatics & Beyond" during 30nov to 1dec11 at Vizag
22. Object Oriented Analysis and Design using the UML with Fundamentals of Rational rose at VNRVJIET from 9th Dec - 11th May, 2012.
23. AICTE sponsored faculty development program on Advanced Data Mining from 14 to 26 may'12 at VNRVJIET
24. Faculty development program on Testing on 30.3.12 at CTS
25. Faculty development program on Art of Teaching methods using POGIL attended on the respective Schedules
26. Short Term course on "Web Technologies" at VNRVJIET on 23.3.07 & 24.3.07.
27. Three Day Workshop on "OOAD with UML using IBM Rational Rose" at VNRVJIET during 27-29, August 2008.
28. Two Day Workshop on "Software Economics" by CSE Dept in VNRVJIET.
29. Two Day Workshop on "High Impact Teaching Skills called as Mission 10x " by Wipro at JNTUH on 17th-18th Nov 2008.
30. Three Day Workshop on "Advanced UNIX Operating Systems" by IT Dept in VNRVJIET.
31. One Day Workshop on "Hidden Markov Model" by ISTE Chapter in VNRVJIET.
32. Three Day Workshop on "Network Programming" by CSE Dept& CSI Student Chapter at VNRVJIET from 16th-18th Sep 2010.
33. One Day Workshop on "Women in Research-the FOSS Paradigm" at UGC-Academic Staff College, JNTUH on 26th Nov 2010.
34. Short Term Course on "Recent Trends in Advanced Technologies" by CSE Dept. at VNRVJIET from 20th -22nd Jan 2011.
35. AICTE Sponsored Faculty Development Programme on "Recent Trends in Networking & Security" by IT Dept. at VNRVJIET from 13.6.11 to 26.6.11.
36. Expert Lecture on "Introduction to Computational Intelligence & Applications in Bioinformatics" organized by IEEE-Hyderabad Section Dept. of Computer & Information Sciences, UOH on 06.08.11.
37. Seminar on "Calculation of individual income tax" by B.Prathusha at VNRVJIET on 07.10.11.

38. Three Day Workshop on "OOAD using UML" by CSE Dept. in VNRVJIET from 9th May to 11th May 2012 .
39. AICTE Sponsored Staff Development Program on "Advanced Data Mining Techniques" by CSE Dept. in VNRVJIET from 14th May to 26th May 2012.
40. One Day Training program on "IBM Software Quality & Testing" by CSE Dept., Osmania University in collaboration with IBM and M/S SP Software (P) Limited at OU Campus Auditorium on 15.9.2012.
41. One Day Seminar on "Advances in Soft Computing" at VNRVJIET on 14.12.2012 conducted by CSE Dept., VNRVJIET under TEQIP-II
42. Two Day Workshop on "Security and Privacy in Cloud Computing" under TEQIP 2013conducted by IT Dept., at VNRVJIET from 25.3.13 to 26.3.13
43. Three Day Workshop on "Art of Teaching" under TEQIP-II conducted by ME Dept., at VJIM from 2.5.13 to 4.5.13
44. Faculty Development Programme on "Digital Forensics & Information security" held on 15th Nov 2013 at VNRVJIET organized by Tata Consultancy Services.
45. Participated in International Conference on Data Sciences (InDAS 2014) held during 26th - 28th Feb 2014 at VNRVJIET organized by Dept. of CSE & IT under TEQIP-II.
46. Three Day Workshop on "Engineering the Education Scenario towards a Learner Centric Environment" organized by Dept. of Humanities & Sciences, VNRVJIET, Hyderabad under TEQIP-II during 4th-6th August 2014 at VNRVJIET.
47. Three Day Workshop on "Emerging Trends in Social Media and Mobile Applications" organized by CSE Dept.,VNRVJIET, Hyd under TEQIP-II during 13th-15th Nov 2014 at VNRVJIET.
48. AICTE Sponsored Faculty Development Program on "Trends in Wireless Communication Technology and Evolution of Simulation Tools" from 11th May 2015 to 23rd May 2015 organized by ECE Dept., VNRVJIET.
49. Attended a Webinar on "Data Sciences" by Ms. Nagamallika, WIPRO Consultant organized by Placement & CSE Dept. on 8.7.15 at Career Vision Center, VNRVJIET.
50. Attended a workshop under TEQIP-II on "Compiler design" organized by CSE Dept. from 20.1.16 to 23.1.16 at VNRVJIET.
51. Presented three research papers in ACM ICEMIS 2015 international conference at Istanbul, Turkey during Sep 22-24, 2015
52. Presented a research paper in ACM Doctoral conference DocCon 2016 at Udaypur during March 3rd to 6th 2016
53. Presented three research papers in IEEE ICEMIS 2016 international conference at Agadir, Morocco during Sep 22-24, 2016.
54. Faculty development programme on Data Analytics using R Organised by NITW
55. FDP on machine learning using python during may'2020
56. FDP on advanced data structures during may'2020
57. Presented paper during JNTU conference
58. Attended webinar on AI & its applications by Dr.SriRam
59. Attended webinar on AI by Arpitha,IIITH

5. Academic Contribution and Research & Consultancy:

5.1 Invited Lectures:

● Delivered a Lecture on Object Orientation analysis & design, at Sri Indu Engineering college on Aug 13th '2015, Hyderabad

5.2 Articles / Chapters published in Books:

- Chapter on "Optimization of Access Points in Wireless Sensor Network: An Approach towards Security" in the Springer Journal Advances in Intelligent Systems and Computing Volume 348, 2015, pp 299-306, Springer Publications 2015

5.3 Books published as single author or as editor: NIL

5.4 Projects Guided:

a) UG:

- Well-being Analysis Using Machine Learning
- E- Health Assessment , Mobile application using EMR
- Online. banking
- Web Sockets Protocol Management system
- College Library Management
- Net gaming
- Online file Tracking system
- Insurance Company
- Online Railway Reservation System
- Internet Banking
- Decision support systems for disease diagnosis
- Smart farming
- Smart parking System using IoT

b) PG: 9

- Intrusion Detection in Scada System using Machine LearningAlgorithms
- Human Counting System using CNN
- Improve security of wireless sensor networks through reluctant checksum
- Authenticated key exchange protocols for parallel networks file systems
- Information Security (Implemantation of Elliptic Curve Pairing Based Secure Group Communication
- A secure approach for medical data transmission

5.5. Research Interests: Data Mining, Bioinformatics, Computer Networks, Security,Achine learning

5.6 Ph.D. Thesis: Computational Docking analysis of Dia-obesity – A Bioinformatics Approach

- M.Tech. Thesis: Extraction of logos from the visiting cards
- Ph.D students:

a) Enrolled: 8

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	Analysis of Resistin Protein Involved in Diabetes Associated with	"; *Journal of Computer science and Information technology,* Encryptionvol.2 no.			National

	obesity using Homomorphic	2,pp 104-114,nov 2008,			
2	Insilico Methodology – Resistin involved in Diabesity" ,	Internet Journal of Bioengineering	Print ISBN 1937-8246,vol. 4,no. 2,2010		International
3	. "Bioinformatics analysis of Functional proteins involved in Obesity Associated with Diabetes"	*Int J Biomed Sci vol. 4 no. 1, pp 70-73*, March, 2008,			International
4	Intrusion Detection – A Text Mining Based Approach	Special issue on "Computing Applications and Data Mining" International Journal of Computer Science and Information Security (IJCSIS)	Vol. 14 Special FEB 2016 (pp. 76-88) ISSN 1947-5500 Copyright © IJCSIS, USA.	ISI, Web of Science	International
5	A Novel Similarity Measure for Intrusion Detection using Gaussian Function	Revista Tecnica De La Facultad De Ingenieria Universidad Del Zulia (Technical Journal of the Faculty of Engineering, TJFE)	Vol. 39, No 2, PP-173-183, April – 2016 ISSN: 0254-0770	SCI, Scopus, ISI, WoS Scopus Impact Factor – 0.118 Thomson-Reuters Impact Factor – 0.033	International
6	CLAPP: A self constructing feature clustering approach for anomaly detection	Elsevier – Future Generation Computer Systems	ISSN: 0167-739X	2.430	International
7	An Approach for Intrusion Detection Using Novel Gaussian Based Kernel Function	**Journal of Universal Computer Science** **Since : 1995** **Publisher : Springer Verilog**)	0948-695x Online: 0948-6968.	**(JCR Reports 2015, Thomson Reuters)** **SCIE,** **Web of Science, SCOPUS**	International
8	Survey of Text Mining Techniques,	International Journal of Computer	0975–8887	CrossRef	International

	Challenges and their Applications	Applications Volume 146 – No.11, July 2016			
9	Studies and Analysis of Classification and Clustering in Multidimensional Datasets	Journal of Advance Research in Dynamical & Control Systems Volume 5, Special Issue, 2017	ISSN 1943-023X	**SCOPUS** Google Scholar	International
10	Text Mining: State-of-the-Art and Research Directions	International Journal of Data Mining and Knowledge Engineering Vol 8, No 6 (2016)	0974 – 9578	Google Scholar	International
11	A Review on Premalignant Pancreatic Cancer Detection	Journal of Advance Research in Dynamical & Control Systems Volume 5, Special Issue, 2017	ISSN 1943-023X	Google Scholar	International
12	Premalignant Pancreatic Cancer Detection and Clustering Methods in Cancer Detection- A Survey Paper	Journal of Advance Research in Dynamical & Control Systems Volume 12, Special Issue, 2017	ISSN 1943-023X	Google Scholar	International
c13	Banking Data Clustering and Classification in DMDW-A Review	Journal of Advance Research in Dynamical & Control Systems Volume 4, Special Issue, 2017	ISSN 1943-023X	**SCOPUS** Google Scholar	
14	A Feature Clustering BasedDimensionality Reduction for IntrusionDetection (FCBDR)	IADIS International Journal on Computer Science and Information Systems Vol. 12, No. 1, pp. 26-44	ISSN: 1646-3692	**SCOPUS** **Web of Science** Google Scholar	
15	A new text categorisation strategy:	J:International Journal of Knowledge and Learning (InderScience)	Vol. 13, No. 2 Page Nos: 146-167 DOI: 10.1504/IJKL.2020.10665	**Inderscience**	International

S.No					
	prototype design and experimental analysis			0 ISSN online :1741-1017		
16	Incremental learning for Text Categorization using Rough set boundary based Optimized Support Vector Neural Network	**J:**Data Technologies and Applications	Communicated and accepted		
17	Smart Parking System using IOT	The International journal of analytical and experimental modal analysis	UGC journal	ISSN NO:0886-9367	
18	An Attention Based Neural Architecture for Arrhythmia Detection and Classification from ECG Signals	Computers, Materials & Continua,	CMC Press,SCI	Journa l No. 7814	

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	"Analysis of resistin	ICCB-2009	National	2009

2	"A survey on Cloud computing with homomorphic Cryptosystems	NCETIT-2010	National	2013
3	Intrusion Detection Using Text Processing Techniques: A Recent Survey	ICEMIS – 2015 Publisher – ACM	International	2015
4	An improved k-Means Clustering algorithm for Intrusion Detection using Gaussian function	ICEMIS – 2015 Publisher – ACM	International	2015
5	An approach for Intrusion Detection using Text Mining Techniques	ICEMIS – 2015 Publisher – ACM	International	2015
6	Strategic Application of Software Process Model to Optimize Business Intelligence Results	ICEMIS – 2015 Publisher – ACM	International	2015
7	Text mining based approach for intrusion detection	ICEMIS 2016, Agadir, Morocco	International	Sep 22-24, 2016
8	An approach for intrusion detection using fuzzy feature clustering	ICEMIS 2016, Agadir, Morocco	International	Sep 22-24, 2016
9	Design of novel fuzzy distribution function for dimensionality reduction and intrusion detection	ICEMIS 2016, Agadir, Morocco	International	Sep 22-24, 2016
10	Clustering and Classification of Effective Diabetes Diagnosis: Computational Intelligence Techniques Using PCA with kNN	International Conference on Information and Communication Technology for Intelligent Systems ICTIS-2017	National	Mar'16
11	Evolution and Prediction of Radical	IEEE	National	11-12th May 2017

		Conference ICEI 2017 11-12th May 2017		
	Multi-Dimensional E-Learning System with Cluster based Data Mining Techniques			
12	Rough set based feature selection approach for text mining	2nd International Conference on Contemporary Computing and Informatics (IC3I),	National	December 2016
13	Dependency Parser for Telugu Language	ACM-ICTCS '16 Second International Conference on Information and Communication Technology for Competitive Strategies **ACM, SCOPUS**	National	**March 04 – 05, 2016**
14	An improved intrusion detection with aussian similarity measure suing data mining techniques	Doctoral Conference **DocCon-2016** **March 3, 2016**	National	**March 3, 2016**
15	Evolutionary approach for intrusion detection	IEEE-ICEMIS-2017 International Conference on Enginerring& MIS	National	
16	Incremental learning for Text Categorization using Rough set boundary based Optimized Support Vector Neural Network	communicated	National	

17	TEAP-Technically Equipped Agricultural Practice	Springer	National	
18	Smart Parking System using IOT	The International journal of analytical and experimental modal analysis	National	
19	Heart Rate Variability for Predicting Coronary Heart Disease using Photoplethysmography	4 th International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC 2020)	Scopus Indexed	
20	A Reluctant Checksum Scheme Based on the Inherent Characteristic of Wireless Networks	ICAICR-2020 (4th International Conference on Advanced Informatics for Computing Research)		
21	"An Imperative Diagnostic Framework for PPG signal classification using GRU	ICAICR-2020 (4th International Conference on Advanced Informatics for Computing Research)	Scopus Indexed	

22	An Imperative Diagnostic Model for Predicting CHD using Deep Learning ," 2020 IEEE International Conference for Innovation in Technology	(INOCON),Bangluru, .	, 2020, pp. 11-15,	Indiadoi:10.1109 /INOCON50539.2020.9298425
23	Machine Learning Approach for Detection of Cardiology Diseases	ICAICR 2021	2021,pp 25-32	
24	Well-being Analysis using Machine Learning	ICMACC	2022	
25	Intrusion Detection in SCADA Systems using Machine Learning Algorithms		2023	

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
26	Gender and Age Prediction		2023		

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
1	Development of a tool for the management of Diabetes Mellitus	DRDO LSRB-284/SH & DD/2014 dated on 8.1.15	2 yrs	9,03,500	completed
2	Finger tip analysis for Cardiopathies	TEQIP-III,JNTUH	1 year	2,94,000	Completed
3	Computational Activity prediction of Drug using Artificial Intelligence techniques	TSCOST	1 year	4,90,500	Applied
4.	"Development of Artificial Intelligence based Deep Transfer Learning Approach for Detection of Covid-19 from Chest X-ray/CT Images"	SERB	2years	24,50,000/-	Applied
5	Sustainable Handholding And Knowledge Transfer Initiatives (SHAKTI) through Women Technology Park	WTP, DST-2020	3 years	1,21,91467	Applied
6.	MAA-Design and Development of customised MOTORIIZED ARTIFICIAL ANKLE (MAA) foot driven system by 3D printing using AI enables Technology ".	SERB-POWER	3 years	29,94,000	Applied

7	Development of Transfer Learning Techniques for Automated Seasonal crop mapping	SERB SURE	2	27,20,000-00	Applied
8	Novel Architecture for secured Access (NASA) with Zero Trust-Cloud Storage Data Privacy Control Scheme using Blockchain	SERB SURE	2	29,40,000-00	Applied

5.10 Consultancy Projects: NIL

6. Awards / Honors received:

- Received a permission to translate for two courses Computer fundamentals, Computer Networks under SWAYAM NPTEL- MHRD
- Received a grant of worth 9.03lakhs from DRDO-LSRB in the year 2015
- Received a grant of worth 2.94lakhs from TEQIP-JNTUH in the year 2019
- Best Paper Award for Paper Presentation at ICEMIS 2016, IEEE Conference @ Agadir, Morocco
- Best Paper Award for Paper Presentation at ICEMIS 2015, ACM Conference @ Turkey, Istanbul
- BoS Member in CSE department for MRCET
- Received Uttama Adhyapika award by Bharat Education Excellence in 2022

7. Motto: Work is Worship & Efficiency is Divine