

**JNTUA COLLEGE OF ENGINEERING (Autonomous),
Ananthapuramu
Department of Computer Science and Engineering
Self-Assessment Report (SAR)**

1. Personal Details

- a. Name of the faculty : Dr. B. LALITHA
- b. Father Name : B.Lakshmikantham
- c. Mother Name : B.Lakshmi Devi
- d. Gender : Female
- e. Date of Birth : 04-08-1981
- f. Category (OC/BC/SC/ST) : BC-B
(Mention sub category)
- g. Joining Date : 07-11-2006
- h. Current Designation : Associate Professor
- i. Aadhaar No : 811396264958
- j. PAN No : APMPB8069H
- k. Residential Address : Flat no: 104,
Hanuman classic apartment,
Ananthapur-515002.
- l. Email-id (P) : lalitha_balla@yahoo.co.in
- m. Email-id (O) : lalitha.cse@jntua.ac.in
- n. Mobile : 9885336491

2. Qualifications:

Course	Name of the Institution studied	Name of the University	Year of graduation	% of marks obtained	Division
SSC	Little flowers English medium school	SSC	1996	74	First class
Intermediate /Diploma	Sri sai Junior college	Intermediate	1999	69	First class
B. Tech/B.E.	SITAMS	JNTUH	2003	65	First class
M. Tech/M.E	JNTUA	JNTUA	2005	75	Distinction
Ph.D.	JNTUA	JNTUA	2015		

3. Experience:

Organization	Designation	Duration of Employment		Duration	Nature of Duties
		From	To		
JNTUA College of Engineering Pulivendula	Assistant Professor	2006	2011	5	Teaching
JNTUA College of Engineering Ananthapur	Assistant Professor	2011	2015	4	Teaching
JNTUA College of Engineering Kalikiri	Assistant Professor & HOD	2015	2016	1	Teaching
JNTUA College of Engineering Ananthapur	Assistant Professor	2016	2020	4	Teaching
JNTUA College of Engineering Ananthapur	Associate Professor	2021	Till date		Teaching

4. Patents and research projects

a. Sponsored Research: NIL

Sl.No	Name / purpose of the project	Sanctioned form DST/UGC/AICTE	Total Sanctioned amount	Status of the project	Total amount spent	Total amount left over	Utilization Certificate (if any)
	-	-	-	-	-	-	-

b. Consultancy: NIL

c. Patents

Sl.No	Name / purpose of the project	Sanctioned form DST/UGC/AICTE	Total Sanctioned amount	Status of the project	Total amount spent	Total amount left over	Utilization Certificate (if any)
	-	-	-	-	-	-	-

S. no	Name of stream	Department	Obtained / filed	patent registered (National / International)	patent title	patent type (Product/ Processes)	Patent Number	Patent Grant Year	Amount (Rs)	Whether (institutional /joint)
1	Artificial Intelligence	Computer Science & Engineering	Filed	International	A SYSTEM FOR PIT HOLE DETECTION AND FILLING FOR ROAD BASED ON ARTIFICIAL INTELLIGENCE	process	2020101939	16 September 2020	\$180.00	Joint

5. List of publications: (NC/IC/NJ/IJ)

a. International/ National Journals

S.NO	Details of the Publication	(SCI/Scopus/UGC Care) and others
1	A Lightweight Secure Auditing Scheme For Shared Data In Cloud Storage GIS SCIENCE JOURNAL VOLUME 8, ISSUE 2, 2021 ISSN NO : 1869-9391 Impact Factor:6.1 https://drive.google.com/file/d/11Dpa98OBKVDbW47rD7bPrK5yiM8MPdyZ/view	UGC Care group –II JOURNAL
2	A Dynamic Multi-Label Video Classification based on Recurrent Neural Networks, International Journal of Grid and Distributed Computing Vol.14, No.1, ISSN: 2005-4262 March 2021 Impact Factor: 0.368. https://serisc.org/journals/index.php/IJGDC/article/view/35729/19779 .	Others

3	<p>A Novel Intrusion Detection System for RPL Based IoT Networks with Bio-Inspired Feature Selection and Ensemble Classifier April 2021</p> <p>https://pdfs.semanticscholar.org/ec63/9e09cd10797398b42bb7de417a8ff53968d8.pdf</p>	SCI
4	<p>Friend Recommendation System Based on Myers Briggs Type Indicator model, GIS SCIENCE JOURNAL, VOLUME 7, ISSUE 11, ISSN NO : 1869-9391 November 2020 Impact Factor:6.1</p> <p>https://drive.google.com/file/d/1_QYUhiZ3QoOMDBJFW75YadxG31Cp_Qk_/view</p>	UGC Care group –II JOURNAL
5	<p>A Technique for enhancing computer programming learning based on content-based recommendations, GIS SCIENCE JOURNAL ,VOLUME 7, ISSUE 11, ISSN NO : 1869-9391 November 2020 Impact Factor:6.1</p> <p>https://drive.google.com/file/d/1p2d4aJHXuMO9XYvGuqVqLQ4gYp7plHuh/view</p>	UGC Care group –II JOURNAL
6	<p>Priority Based Dynamic Scheduler for Mobile Sensor Networks, The International journal of analytical and experimental modal analysis 2019,Volume XI, Issue IX, ISSN NO: 0886-9367 Impact Factor:5.3</p> <p>http://www.ijaema.com/gallery/2-september-2019-s.pdf</p>	Others
7	<p>An Approach for Data Analysis using Random Forest Algorithm, Adalya Journal October 2019 Impact Factor:5.3</p> <p>https://www.dropbox.com/s/01qlge2dbxs3i14/12-Oct-1911.pdf?dl=0</p>	UGC Care List Group 2
8	<p>Data theft protection in cloud storage using Decoy technology, The International journal of analytical and experimental modal analysis August 2019 Volume XI, Issue VIII ISSN NO: 0886-9367 Impact Factor:5.3</p> <p>http://ijaema.com/gallery/207-august-2313.pdf</p>	Others

9	<p>Improving The Performance Of Fog Computing By Using Fog Terminal Nodes, International journal of Scientific Research and Review September 2019 Impact Factor:6.1</p> <p>http://proceeding.conferenceworld.in/6_Sep_2019_OUCIP/100HDMBcbxAglO106.pdf</p>	Others
10	<p>Authority-of-Two Preferences Supported Algorithm for Fog Computing, The International journal of analytical and experimental modal analysis, October 2019 36272 Impact Factor:5.3</p> <p>http://www.ijaema.com/gallery/25-october-2541.pdf</p>	Others
11	<p>A dynamic heuristic approach to improve the performance of Graph mining ,Adalya Journal September 2019 Impact Factor:5.3</p> <p>https://www.dropbox.com/s/2h8jh5fxzee26mn/103-Sep-1820.pdf?dl=0</p>	UGC Care List Group 2
12	<p>Priority Based Dynamic Scheduler for Mobile Sensor Networks, The International journal of analytical and experimental modal analysis, September 2019 Volume XI, Issue IX, 36272 Impact Factor:6.3</p> <p>http://www.ijaema.com/gallery/2-september-2019-s.pdf</p>	Others
13	<p>A deep study on “A Secure and Robust User Authenticated Key Agreement Scheme for Hierarchical Multi-medical Server Environment in TMIS” International Journal Of Information And Computing Science, Volume 5, Issue 12, December 2018 Impact factor :5.2</p> <p>http://ijaema.com/gallery/207-august-2313.pdf</p>	Others
14	<p>Climate Monitoring System using IoT with Edge Analytics, Journal of engineering Technologies and Innovative Research, Vol.5, Issue 6, June 2018, ISSN 2349-5162 Impact factor :7.95</p>	Others
15	<p>Recovery of Incomplete data in IoT by using Map R edge Architecture, Journal of engineering Technologies and Innovative Research, Vol.5 ,Issue 6, June 2018 ,ISSN 2349-5162</p> <p>Impact factor :7.95</p> <p>https://www.jetir.org/papers/JETIR1806217.pdf</p>	Others

16	<p>An Optimizing Technique to reduce risk Factor in Mobile Service Composition, International Journal of Research in Advent Technology, Vol.6, No5, May 2018 ,E-ISSN : 2321-9637 Impact factor :3.76</p> <p>https://ijrat.org/downloads/Vol-6/may-2018/paper%20ID-652018108.pdf</p>	Others
17	<p>Couch DB – Reliable Repository for Big Data generated by Iot, International Journal of Research in Advent Technology, Vol.6, No5, May 2018 ,E-ISSN : 2321-9637 Impact factor :3.76</p> <p>https://docplayer.net/187548548-Couchdb-reliable-repository-for-big-data-generated-by-iot.html</p>	Others
18	<p>LIME:Privacy Preserving Technique for Data Mining Systems, Journal of Emerging Technologies and Innovative Research, Vol.4 ,Issue 8 .August 2017 ,ISSN 23492-5162 Impact factor : 7.95</p> <p>https://www.jetir.org/papers/JETIR1708014.pdf</p>	Others
19	<p>Enhancing the Security for Clinical document Architecture Generating System using AES algorithm with Artificial Neural Network, International Research Journal of Engineering and Technology, Vol.4 ,Issue 8 .August 2017 ,ISSN 23952-0056,pISSN 23952-0072 Impact factor : 6.171</p> <p>https://www.slideshare.net/irjetjournal/enhancing-the-security-for-clinical-document-architecture-generating-system-using-aes-algorithm-with-artificial-neural-network</p>	Others
20	<p>Dynamic Multi Granularity Service Composition, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 2 Issue 4 July-August 2017 ISSN : 2456-3307 Impact factor : 6.135</p> <p>https://1library.net/document/zw3kv31y-dynamic-multi-granularity-service-composition.html?utm_source=related_list</p>	UGC Journal No : 64718
21	<p>Internet Traffic Classification using serial and parallel HTTP Requests, International Journal of Innovations and Advancements in Computer Science, Vol.6,Issue 8,August 2017 ISSN :23472-8616</p>	Others
22	<p>Service Composition to Enhance the QOS of Web Services, International Journal of Scientific Research in Computer Science Engineering and Information Technology, Vol.2 ,Issue 4 ,August 2017 ISSN :24562-3307 Impact factor : 6.135</p> <p>https://ijsrcseit.com/CSEIT1724156</p>	Others

23	A Frame work to Optimize Cloud Service with Genetic Techniques, International Journal of Computer and Mathematical Sciences, Vol.6 ,Issue 8 , August 2017 ,ISSN 23472-8527 Impact factor : 4.655	Others
24	MPTMG:An Efficient Application Offloading Into Cloudlets, International Journal of Emerging Technologies and Innovative Research Vol.4,Issue8,August 2017 ISSN 2349-5162 Impact factor : 7.95 https://www.jetir.org/papers/JETIR1708015.pdf	Others
25	An approach to minimize Topology Mismatch Problem in similarity –Aware Heterogeneous P2P Networks, International Journal of Research in Advent Technology, Vol.4, No.4, April 2016 E-ISSN: 2321-9637 Impact factor : 2.06 https://1library.net/document/y9n665lz-approach-minimize-topology-mismatch-problem-similarity-heterogeneous-networks.html	Others
26	Efficient Techniques to reduce effects of topology mismatch and heterogeneity in unstructured P2P networks, International journal of wireless and microwave technologies (IJWMT), ISSN:2076-9539 November 2016 DOI:10.5915/IJWMT Impact factor : 0.99 https://www.mecs-press.org/ijwmt/ijwmt-v6-n6/IJWMT-V6-N6-4.pdf	Others
27	An enhanced framework to design elastic and reliable Content based publish/subscribe system, I-manager’s Journal on Cloud Computing Vol. 2 · No. 4 · August - October 2015.	Others
28	Optmizing Service Selection In Combinatorial Auction By Resolving Non-Linear Programming Constraints, International Journal of Soft Computing and Engineering Volume 5 & Issue 4 September 2015.	Others
29	Dynamic Coalition Pattern For Distributed Coordination Of Multi-Agent Networks i-managers, Journal of Computer Science Volume 3 No 2 & Issue June-August 2015.	Others
30	A Scaling Approach For Effective Detection And Classification Of DOS Attacks Journal of Network communications and Emerging Technologies Volume 2 & Issue 3 July 2015.	Others
31	Evaluating The Privacy Of User Profiles In Personalized Info Systems International Journal of Advanced Research in Computer	Others

	Science and Software Engineering Volume 5 & Issue 6 June 2015.	
32	Privacy Preserving Access Control To Increment I managers Journal of Software Engineering Volume 9 No 4 & Issue April-June 2015	Others
33	An Approach To Enhance The Performing Of Social Network Integrated P2P File Sharing In DNS International Journal of Emerging Technologies in Engineering Research Volume 3 No 6 2015	Others
34	Optimizing Congestion In Peer to Peer File Sharing Based On Network Coding International Journal of Emerging Technologies in Engineering Research Volume 3 No 6 2015	Others
35	Hybrid fault Categorization Approach To Reduce The Testing Cost Of Combinatorial Test Cases I managers Journal of Computer Science Volume 9 No 3 & Issue Jan-March 2015	Others
36	Moderating Redundant Traffic Generated by Topology Mismatch Problem in P2P Networks International Journal of Computer Applications (0975-8887) Vol.82, No.12, pp 20-24, November 2013.	Others
37	Exploiting the Structure of IP Addresses to Regulate the Affects of Topology Mismatch in Unstructured P2P Networks IJARCSSE (2277-128X) Vol.3, Issue 11, pp 514-519, November 2013	Others
38	Topology Awareness in Unstructured P2P Networks using Accessible Bandwidth International Journal of Computer Applications (0975-8887) Vol.80, No.4, pp 15-20, October 2013.	Others
39	Evolution of Two-Sided Markets in Game Theoretic Pricing JICSE Vol.3(1), ISSN 2278 - 0947 Jul -Dec 2013	Others
40	Mitigation of Topology Mismatch Problem based on Node Network Positioning in Unstructured P2P networks I-Manager's journal on Computer Science Vol.1, No.1, pp 22-26, March-May 2013	Others
41	GPS Based Topology Matching Algorithm For P2P Systems International Journal of Advanced Research in Computer Science and Software Engineering Volume 3, Issue 3, ISSN: 2277 128X March 2013.	Others
42	Security and QOS centric protocols for P2P networks: current state of the art International Journal of Advanced Research in Computer Engineering & Technology (IJARCET) Volume 2, Issue 3, ISSN: 2278 – 1323 March 2013	Others
43	Mechanism to Provide Incentives in Peer-to-Peer Overlay	Others

	Networks International Journal of Advanced Research in Computer Science and Software Engineering Volume 2, Issue 8, ISSN: 2277 128X August 2012.	
44	Evaluating the Performance and Delay in Unstructured Peer to Peer Networks International Journal of Advanced Research in Computer Engineering & Technology Volume 1, Issue 5 ISSN: 2278 – 1323, July 2012.	Others
45	Peer-to-Peer Systems: taxonomy and characteristics IJCST Vol.3, Issue2, pp 886-896 April-June 2012.	Others
46	False Proof Reputation Management for P2p Networks International Journal of Computer Applications (0975 – 8887) Volume 42– No.8, March 2012	Others
47	Study of Topology Mismatch Problem in Peer-to-Peer networks IISTE, Computer Engineering and Intelligent Systems Vol. 3, No.7, pp 145-154, 2012.	Others

b. International/ National Conferences:

S.NO	Details of the Publication	(IEEE/IET) and others
1	“Internet traffic classification using serial and parallel Https requests”	6 th International Conference on Research trends in Engineering, Applied science and management(ICRTESM-2017) 6 th Aug 2017.
2	“A framework to optimize cloud service with Genetic techniques”	6 th International Conference on Research trends in Engineering, Applied science and management(ICRTESM-2017) 6 th Aug 2017.
3	“A Comprehensive Literature Review of Security Attacks in IOT Networks”	2 nd International Conference on Adaptive Computational Intelligence(ICACI-2020)

		15 th & 17 th Dec 2020
4	A CPU Resource discovery solution using cluster computing". In the Fourth International conference on "Science, Engineering and Technology (SET)"	school of Information Technology and Engineering.VIT University, Vellore, Tamil Nadu during May 2-4, 2012
5	"Mechanism to Provide Incentives In Peer- to-Peer Overlay Networks"	International Conference on Computer Science and Engineering held at Mysore on 30 th June, 2012
6	"A Hierarchal data replication strategy for data grids"	International Conference Computer Science and Engineering (ICCSE-2012) ,held at Mysore 30 th June 2012.
7	" Performance Analysis Of Binary Spray And Wait Routing in DTN's"	2 nd One Day National Conference on Computer Science and Intelligent System On 9 th October 2013 held at Annaporna Engineering college Salem.
8	"Bandwidth Aided Topology Awareness in Unstructured P2P Networks".	Global conference on Recent Trends in ElectronicCommunication Engineering, power and Control ECEPC Sep 7-8, JNU-New Delhi, pp 803-816, 2013.
9	" An Approach to Enhance the Performance Of Social Network Integrated P2P File Sharing in DTN'S"	National Conference on Trends in Engineering and Technology held at S.V Colleges, Tirupathi on 13 th June ,2015

10	"Performance Comparison of various Routing Protocols such as AODV, DSR, and OLSR against Black Hole Attack"	5th National Conference on Computer Networks and Information Security (NCCNIS - 2016).
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c. Book/Book Chapters:

S.NO	Title of Book/Chapter	Name of the Publication, edition and year	Book / Book Chapter
1	"Internet of Things, Training programs, Gathering momentum"	Lambert Publications 2018.	978-613-9-98634-7

6. Workshops/Training Programs/FDPs attended and Organized (for the last three years):

a. Workshops Organized

S .No	Workshops	Place	Duration
1	Modern Web Application Development using MEAN Stack	JNTUACEA, ANANTAPUR	26 th , 27 th and 28 th September 2019. Three Days
2	Cyber Security & Ethical Hacking	JNTUACEA, ANANTAPUR	16 th , 17 th and 18 th November, 2020. Three Days
3	Big image data processing using deep learning techniques	JNTUACEA, ANANTAPUR	04 th December, 2020. One Day
4	Are we Educated	JNTUACEA, ANANTAPUR	12 th December, 2020 One Day

b. Workshops Attended

S .No	Workshops	Place	Duration
1	21 st Century Teaching Strategies	JNTUA, Anantapur	16 th Sep, 2017

2	Hadoop & Bigdata Analysis	MITs,HYDERABAD	24-07-2020 to 25-07-2020.Two Days
3	Computer science and Biology	PDPM IIITDM,Jabalpur	2020-8-29 to 2020-9-2. ATAL Academy
4	Dart programming language	JNTUACEA, PULIVENDULA	27-07-2020.One day
5	International workshop on Emerging trends	BIT Hindupur	22 July 2020 to 26 July 2020.Five days
6	Python programming	ST.Martins engineering college	20 to 24 th August 2020.Five days
7	Education 4.0 the future ahead	Sairam college of engineering, Bengaluru	5 Days FDP
8	Pedagogical skills for faculty in outcome-based education.	JNTUACEA, ANANTAPUR	6-8 Dec 2019. 3 days
9	Data analytics using R	JNTUACEA, ANANTAPUR	20-26 NOV 2017.
10	Technology enhanced learning through NMEICT – Implementation of spoken tutorial.	IIT Bombay	10 th July 2014
11	Embedded Systems	JNTUA Anantapuramu	5 th June 2014
12	Awareness Campaign on Ethical Hacking	JNTUA Anantapuramu	18 th Feb 2012.
13	Service Oriented Architecture and Cloud Hyderabad.	Conducted under UGC Scheme in collaboration with M/S TATA Consultancy Services	26 th July 2011
14	Object Oriented and Design Using UML with Fundamentals of Rational Rose	organized by IBM Software Education	2 nd April to 4 th April 2007
15	IBM DB2 Academic Associate	conducted by IBM Hyderabad at JNTUA College of Engineering	during 19 th & 20 th December

		Anantapuramu	2014.
16	Outcome Based Education Approach in Engineering Curriculum.	JNTUA Anantapuramu	26 Th &27 Th August 2014

c. Training Programs/FDPs Organized

S.No	Training Programs/FDPs	Place	Duration
1	Modern web application development using MEAN stack	JNTUACEA	26-28 sep 2019
2	Cyber security & ethical hacking	JNTUACEA	16-18 nov 2020
3	Emotional Intelligence	JNTUACEA	15-19 Nov 2021

d. Training Programs/FDPs Attended

S.No	Training Programs/FDPs	Place	Duration
1	Embedded Real Time Systems	JNTUA, Anantapur	01-10 th FEB-2017
2	Big Data Analytics	JNTUA, Anantapur	20 th -22 nd Feb-2017
3	Cloud Computing	JNTUA, Anantapur	JAN- 2017
4	Soft Skills and personality development	JNTUA, Anantapur	10-14 th DEC-2018
5	Research methodology & Data analysis.	JNTUA, Anantapur	23-28 sep- 2019
6	Leadership skills	JNTUA, Anantapur	19-24 Aug- 2019
7	Artificial Intelligence and Machine Learning	JNTUA, Anantapur	13-25 Sep 2021
8	IOT and Machine learning	JNTUA, Anantapur	03rd – 09th December, 2021
9	Theory of Computation	Organized by Electronics & ICT academy, CSE National Institute of Technology, Warangal.	18 th to 27 th January 2016
10	Agile Methodologies	JNTUA Anantapuramu.	25 th February -2015
11	IBM DB2 Academic Associate	IBM Hyderabad at JNTUA Anantapuramu	19 th & 20 th December 2014.
12	Bharath Operating System Solutions-Minimalistic object	JNTUA Anantapuramu	16 th &17 Th October -2014

	oriented Linux(MOOL)		
13	C& Data Structures	JNTUA Anantapuramu, Organized by A.P State Council of Higher Education.	3 rd to 8 th September 2012
14	Orientation Course	UGC –Academic Staff College, JNTUH, Hyderabad	8 th August 2011 to 8 th September 2011
15	Concepts in Testing	Cognizant Bengaluru	June 30 th to July 1 st 2011.
16	C Programming and data structures	Conducted by APSCHE at JNTUA Ananthapuramu	One Week
17	Embedded Real Time Systems	JNTUACEA Anantapuramu	1 st to 10 th Feb 2011
18	Free Software-A Research Perspective	JNTUA Anantapuramu	12-13 March 2009(Under TEQIP).
19	Data Science and its applications in STEM	AU Vizianagaram in association with APSCHE	07 th to 21 st September,2020.15 Days FDP
20	AI using python	Brainovision solutions india pvt.ltd & National youth council	14-09-2020 to 19- 09-2020. One week
21	Opportunities in AI & Enabling technologies for IoT	JNTUACEA, ANANTAPUR	12-23 october 2020.One week
22	MLCV 2020	NIT Silchar, Assam	August 24 to Aug 28, 2020. One week
23	Data analytics & machine learning using R & Python	JNTUACEA, ANANTAPUR	03 rd – 08 th August 2020. AICTE sponsored One week STTP
24	Cognitive radio-wireless sensor networks: applications, challenges and research trends	Vivekananda college of engineering,Tamilnadu	27.7.2020 to 1.08.2020. AICTE sponsored One week STTP
25	Robotic process automation: Tools and Techniques	SVCE,Tirupathi	AICTE sponsored One week STTP
26	IOT and Machine learning	JNTUACEA	3 -9 December

			2021
27	Block chain technology	JNTUACEA	7-21 December 2021

e. Keynotes/ Session Chairs/ Seminars:

- Delivered a Guest Lecture on Machine Learning on March 11th 2016 at GMR Institute of Technology.
- Delivered a Guest Lecture on Distributed Computer Architecture and Evolution of Cloud Computing Architecture on 29th January 2016 at Sri Venkateswara College of Engineering, Chittoor.
- Delivered a Guest Lecture on Cloud Architecture Design Patterns on 8th April 2016 at Vignan's Institute of Information Technology, Duvvada , Vishakapatnam.
- Delivered a Guest Lecture on Research trends in Distributed Computing on 13th September 2015 at Sri Vidyanikethan College.

7. Academic Details

a. Subjects courses taken/Labs

Academic year	I Sem	II Sem
2020-21	<ul style="list-style-type: none"> • Object Oriented Analysis and Design(III MCA I SEM) • Distributed Operating Systems • Software Requirements and Estimation 	Computer Graphics lab(B.Tech-II-II)
2019-20	<ul style="list-style-type: none"> • Object Oriented analysis and Design(MCA) • Object Oriented analysis and Design lab • Recommender systems 	<ul style="list-style-type: none"> • Algorithms lab • Distributed systems(MCA)
2018-19	<ul style="list-style-type: none"> • Recommender systems(M.Tech) • Cloud computing(MCA) • Cloud computing Lab(MCA) 	Data science for IoT
2017-18	<ul style="list-style-type: none"> • Distributed & Cloud computing(M.Tech) • Data Analytics(B.Tech-IV) • Data Structures & Data Bases Lab(M.Tech) 	Software process management(M.Tech)

b. B. Tech Projects Guided

S.No	Admission No	Title of the Project	Year
1	14001A0503,09,49	Hostel Room allotment system	2018
2	14001A0529,30	Placement cell management system	2018
3	13001A0532,48,36	An Android Application for JNTUACEA,B.Tech & M.Tech	2017
4	15001A0536,526	Smart Building using IoT and PIR	2019
5	15001A0516,535	Automatic Street light ON/OFF Control System	2019
6	17001A0514,15,24	Digital circulars	2020
7	17001A0508,35,53	Automatic time table Generator	2020

c. M.Tech Projects Guided

S.No	Admission No	Title of the Project	Year
1	16001D5109	COUCH DB: Realible repository for bigdata generated by IoT	2018
2	16001D5210	An Optimising technique to reduce risk factor for mobile service composition	2018
3	16001D5417	Recovery of incomplete data in IoT by using MapR Edge architecture	2018
4	16001D5411	Climate monitoring system using IoT with edge analytics	2018
5	15001D5218	MPTMG:An efficient application off loading into cloudlets	2017
6	15001D5132	Dynamic multi granularity service composition	2017
7	15001D5220	Service composition to enhance of QOS using web services	2017
8	15001D5205	A Framework to Optimize cloud service with generic techniques	2017
9	15001D5203	Internet traffic classification using serial and parallel HTTP request	2017
10	15001D5208	A Frame work to Optimize Cloud Service with Genetic Techniques.	2017
11	18001D5502	A Dynamic multi-label video classification based on Recurrent neural Network	2019
12	18001D5503	Friend recommendations based on Myers briggs type indicator model	2019
13	18001D5504	A technique for enhancing computer programming learning based on content- based recommendations	2019
14	18001D5215	A lightweight secure auditing scheme for shared data in cloud storage.	2019

d. MCA Projects Guided

S.No	Admission No	Title of the Project	Year
1	14001F0028	Time table android application	2017
2	14001F0039	Bluetooth chat an android application	2017
3	14001F0042	E-campus android application	2017
4	15001F0019	Android application to assist lecture and student	2018
5	15001F0058	Exam hall seating arrangement system by using android application	2018
6	17001F0039	Achieving privacy friendly storage and secure statistics for smart merer data on outsourced clouds	2019
7	17001F0049	AGENT 49	2019

8	17001F0050	Developer stack management system	2019
9	18005F0068	Online food order system	2019

e. PhD scholars

S.No	Admission No	Title of the research work	Research Status
1	17PHI0505	Efficient techniques to design and develop internet of things using fog computing.	Ongoing
2	18PH0512	Clustering based energy efficient optimal routing in wireless sensor networks	Ongoing
3	18PH0513	Data analysis in Multi-core active flash arrays.	Ongoing
4	19PH0511	Enhancing the quality of service in mobile ad-hoc networks using routing protocol	Ongoing
5	19PH0508	Security as a service in cloud computing platforms for big data processing and analytics using deep learning.	Ongoing

8. Development activities

- a. Product Development: Nil
- b. Research laboratories: Nil
- c. Instructional materials: Nil
- d. Working models/charts/monograms etc. Nil

9. Administrative works supported:

1. Served as an NCC Coordinator during 2012-14 for JNTUA College of engineering, Ananthapuramu.
2. Worked as Incharge of ACADEMIC SECTION at JNTUA CEK in the year 2016.
3. Worked as HOD of CSE at JNTUA CEK in the year 2016.
4. Worked as Deputy Warden for Amaravathi girl's hostel in the year 2017.
5. Serving as IQAC member (CSE) for JNTUACEA
6. Serving as Member for establishment of Digital monitoring cell at JNTUA.
7. Working as Incharge of Central Computer Centre (CCC) and Website maintenance In charge from 2019 to till date in JNTUACEA.
8. Presently working as a Coordinator of Software Development centre, JNTUA.

10. Awards and Rewards:

1) **“Outstanding women in engineering”** award from VENUS international women Association 3rd March 2018.

2) **“Bharat Jyoti Award”** from India International Friendship Society 26th March 2018.

12. Social activities (NSS/NCC/Any other): NSS

Participated in University Level NSS Youth festival-2020,23rd Jan organized at JNTUACEA.