JNTUA COLLEGE OF ENGINEERING (Autonomous), Ananthapuramu
Department of Computer Science and Engineering
<u>Self-Assessment Report (SAR)</u>
(2016-17 to Till date)

1. Personal Details

a.	**Name of the faculty**	:	**K. Somasena Reddy**
b.	**Father Name**	:	**Sri. K. Samsree Reddy**
c.	**Mother Name**	:	**Smt. K. Ramulamma**
d.	**Gender**	:	**Male**
e.	**Date of Birth**	:	**10/06/1985**
f.	**Category (OC/BC/SC/ST)** (Mention sub category)	:	**0C**
g.	**Joining Date**	:	**07-13-2013**
h.	**Current Designation**	:	**Associate Professor(Adhoc)**
i.	**Aadhaar No**	:	**708171297738**
j.	**PAN No**	:	**APAPR9247P**
k.	**Residential Address**	:	**#5/70, 5th** Cross, Bhairava Nagar, Near New RTO Office, Ananthapur
l.	**Email-id (P)**	:	**ksomasena@gmail.com**
m.	**Email-id (O)**	:	**somasena.cse@jntua.ac.in**
n.	**Mobile**	:	**9533741695**

2. Qualifications:

Course	Name of the Institution studied	Name of the University	Year of graduation	% of marks obtained	Division
SSC	Vinayakumar High School, Ananthapur	Board of Secondary Education, Hyderabad	2000	61%	First Class
Intermediate (MPC)	Sreekantha Junior College, Ananthapur	Intermediate from Board of Intermediate Education	2002	58%	Second Class
B.Sc. (electronics)	Little Flower Degree College, Ananthapur	S.K. University in Anantapur	2005	60%	First Class
MCA	SJCIT, Chickbalapur	VTU, BElGUM	2008	70%	First Class with Distinction
M.Tech	JNTUA College of Engineering, Ananthapur	JNTUA	2013	76%	First Class with Distinction

3. Experience:

Organization	Designation	Duration of Employment		Duration	Nature of Duties
		From	**To**		
PVKK INSTITUTE OF TECHNOLOGY	Assistant Professor	12-05-2010	06-10-2013	3 years 5 months	Teaching
JNTUACEA	Assistant Professor(Adhoc)	07-10-2013	Till Date	7 years	Teaching

4. Patents and research projects
a. Sponsored Research:

S..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:

SI.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)
-	-	-	-	-	-	-	-

c. Patents

S.no	Name of stream	Department	Obtained / filed	patent registered (National / International)	patent title	patent type (Product/ Process)	Patent Number	Patent Grant Year	Amount (Rs)	Whether (institutional /joint)
-	-	-	-	-	-	-	-	-	-	-

5. List of publications: (NC/IC/NJ/IJ)
a. International/ National Journals

S.NO	Details of the Publication	(SCI/Scopus/UCG Care) and others
1.	"A Framework for Context Aware Query Suggestion Using Spatial Inverted Index" IJIRSET, Volume 6, Issue 7, july 2017, ISSN(Online): 2319-8753 ISSN (Print): 2347-6710, Page No 14658-14663	**UGC**

b. International/ National Conferences:

S.NO	Details of the Publication	(IEEE/IET) and others
1.	"NPIT Approach for Bypassing the Exact Location of Ip Spoofers Using Path Backscatter Messages" ICASET-16, Oct 2016	International Conference
2.	"A Novel Framework for Inproving wireless sensor networks through software Defined Networking" INC-ALTS 2016	International Conference
3.	"A Conceptual Framework for Intelligent Power Distribution Transformers" ICCII FEB 2020,	International Conference

c. Book/Book Chapters:

S.NO	Title of Book/Chapter	Name of the Publication, edition and year	Book / Book Chapter

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

a. Workshops Organized

S.No	Workshops	Place	Duration

b. Workshops Attended

S.No	Workshops	Place	Duration
1.	Two Day Workshop on "Big data with Hadoop Map Reduce and Hive"	JNTUACE, Ananthapur	20th & 21st March 2016.
2.	One Day Didactical Programme on "Crafting Powerful Questions"	JNTUACE, Ananthapur.	16th July 2016.
3.	One Day National Workshop on "Dissemination of GEO-Spatial Technology for The Development of Andhra Pradesh"	SK University, Ananthapur.	23rd March 2017.
4.	Benefits of Engineering with International Organizations	JNTUACE, Ananthapur	4th August 2018
5.	Soft Skills And Personality Development	JNTUACE, Ananthapur	10th-14th December, 2018.

c. Training Programs/FDPs Organized

S.No	Training Programs/FDPs	Place	Duration
	-	-	-

d. Training Programs/FDPs Attended

S.No	Training Programs/FDPs	Place	Duration
1.	Two Week Faculty Development Programme on "Software Engineering".	JNTUACE, Ananthapur	17th to 28th June 2016.
2.	Three Day Faculty Development programme on " Big Data Analytics"	JNTUACE, Ananthapur	20th to 22nd Feb 2017.
3.	Teacher Training Program Conducted by APSCHE & British Council	JNTUACE, Ananthapur	19th to 23rd June 2017 and 3rd to 7th July 2017
4.	Training Program for Faculty Mentors on " Induction Programme for New Students"	College of Engineering PUNE	27th Nov to 2nd Dec 2017.
5.	AICTE Sponsored Two Week online FDP on "Opportunities in Artificial Intelligence and Enabling Technologies for Internet of Things (IoT)"	JNTUACEA, Ananthapur	12-23 Oct 2020
6.	Online FDP on Python	BIST Collaborated with Spoken Tutorial Project IIT, Bombay	12-19 Aug 2020
7.	Online FDP on "Block chain"	AICTE Training And Learning (ATAL) Academy, JNTUA College of Engineering (Autonomous).	08-12 Sep 2020

e. Keynotes/ Session Chairs/ Seminars/Webinars:

7. Academic Details
a. Subjects courses taken/Labs

Academic year	I Sem	II Sem
2020-21	III B.Tech I Sem Software Engineering III B.Tech I Sem Software Engineering & Web Technology Lab	MCA IV Sem: Linux Programming MCA IV Sem: Linux Programming lab
2019-20	M.Tech I Sem: Data Structures MCA III Sem: Software Engineering M.Tech I Sem: Data Structures Lab	MCA II Sem Data Structures I B.Tech II Sem Data Structures MCA II Sem: Data Structures Lab I B.Tech II Sem: Data Structures Lab
2018-19	I B.Tech I Sem: Problem Solving and Computer Programming. M.C.A III sem: Software Engineering Computer Programming Lab	MCA II Sem: Data Structures M.Tech II Sem: Research Methodology.
2017-18	B.Tech I-I: Problem Solving and Computer Programming. M.C.A III sem: Software Engineering Computer Programming Lab	B.Tech I-II: Data Structures. Data Structures Lab M.C.A IV sem : Distributed Systems
2016-17	B.Tech III-I: Advanced Computer Architecture. M.C.A III sem: Software Engineering It Workshop Lab.	B.Tech I-II: Problem Solving and Computer Programming. M.C.A IV sem : Distributed Systems. Computer Programming Lab.
2015-16	B.Tech III-I: Advanced Computer Architecture M.C.A III sem: Software Engineering It Workshop Lab.	B.Tech I-II: B.Tech I-II: Problem Solving and Computer Programming. M.C.A II sem : Data Structures. Data Structure Lab Computer Programming Lab.
2014-15	B.Tech III-I: Software Engineering M.C.A III sem: Software Engineering It Workshop Lab	B.Tech III-II: Distributed Systems M.C.A II sem: Data Structures. Data Structure Lab

b. B. Tech Projects Guided

S.No	Admission No	Title of the Project	Year
1	12001A0502 K.R.Bharat 12001A0526 B.V.SivaSai Kumar	Emotion Based Music player	2016

c. M.Tech Projects Guided

S.No	Admission No	Title of the Project	Year
1	14001D5229 T Taruni	NPIT Approach for Bypassing the Exact Location of IP Spoofers using Path Backscatter Messages	2016
2	15001D5313	A frame Work for Context aware query suggestion based on	2017

	G. Murali	Si index.	
3	18001D5106 D HARIKISHOR	Attribute based access control for securing user access at IoT middleware	2021

d. MCA Projects Guided

S.No	Admission No	Title of the Project	Year
6.	12001F0031 N. Bhaskar	Improvement of Network Monitoring via GSM SMS	2015
7.	12001F0019 B.Naresh	User Interactions In Social Networks And Their Implications	2015
8.	13001F0012 N Amarnathreddy	Dynamic Cloud Service and Cooperative Multimedia Stream for WSN's	2016
9.	13001F0020 T Venugopal	Bio-metric Authentication for secure internet service	2016
10.	14001F0012 S. Naga Sindhuja	Resource Based Time Sheet Maintenance and Billing Automation System	2017
11.	14001F0057 K Rajarukmini	Hall Ticket Generation System	2017
12.	15001F0011 K.N.Kavitha	Integrated Financial Assessment And Accounting Managment System	2018
13.	15001F0031 P Vannurbee	Smart Android Graphical Password With GPS Tracking	2018
14.	16001F0003 K.V. Sreelatha	College Resource Allocation System	2019
15.	16001F0056 N. Upendra	College Placement Monitoring System	2019

e. PhD scholars

S.No	Admission No	Title of the research work	Research Status