


Profile

Name of the Faculty	G.NIVEDITHA	
Designation	ASST PROF.	
Department	CSE	
Area of Interest	MACHINE LEARNING, DEEP LEARNING, IMAGE PROCESSING	
Subjects Taught	Principles of programming language, Artificial intelligence, Software Engineering, Human computer Interaction, Object oriented programming, Computer Networks, Compiler Design, Soft computing, Information Security Assessments and Audits, Information Security Incident and Response Management, Object Oriented Analysis and Design	
JNTUH Registration Id	20150401-151009	
College Staff Code	SC0915	

Educational Qualifications:

S.No.	Degree	Specialization	University/College	Year
1	M.Tech	CSE	Geethanjali College of Engineering and Technology	2013
2	B.TECH	CSE	Nishitha College of Engineering And Technology	2010

Publications:

S. No.	Publication details
1	Published a Research Paper titled “Developing Fault tolerance in cloud computing Based on Machine Learning Approaches” in International Journal of advanced Research in Dynamical and Control Systems,(JARDCS), ISSN No: 1943-023X Vol. 10, No. Issue no-10, September 2018,pg no-7-11.Scopus Index
2	Published a Research Paper titled“Hadoop Performance based Big Data Analysis using Cloud Computing and Amazon Web Services” in International Journal of Emerging Technologies and Innovative Research (JETIR), JETIR September 2018, ISSN No: 2349-5162 Volume 5, Issue 9,pg nos-275-278.UGC approved
3	Published a Research Paper titled “Reliability of Fault tolerance in Cloud using machine learning algorithms” in International Journal of Emerging Technologies and Innovative Research (IJITEE), ISSN: 2278-3075, Volume-8 Issue-12, October, 2019,pg no-1150 -1152.Scopus Index
4	Published a Research Paper titled “Reliability of Fault tolerance in Cloud using machine learning algorithms” in International Journal of Emerging Technologies and Innovative Research (IJITEE), ISSN: 2278-3075, Volume-8 Issue-12, October, 2019,pg no-1150 -1152.Scopus Index
5	Published a Research Paper titled “Efficient and Intelligence Smart Fault tolerance algorithms in a Virtualized Environment” in International Journal of Interdisciplinary Cycle Research (IJIR), ISSN no: 0022-1945 Volume XII –Issue-III March 2020,pg no:71-81.UGC Care List.
6	Published a paper with title “An Analysis Dissertation on Big Data and Hadoop and its Applications” in International Journal of Research(IJR),vol-05,Issue-12,April 2018 ISSN:2348-6848,International Refereed and Indexed Journal for Research Publication with Impact Factor 5.60 UGC APPROVED journal Sr No.44396 Index Copernicus Valu (ICV) 100 & Index in Thomson Reuters
7	Published a paper entitled “Personalized Mobile Search Engine” in ISRO Journal of Computer Engineering vol.20,Issue 1,Ver.4 Jan.-Feb.2018

FDP's

<u>S.No</u>	<u>Title</u>	<u>Organizer</u>	<u>Duration</u>
1	<u>Internet of things</u>	<u>AICTE ATAL</u>	<u>20-04-2020 to 24-04-2020</u>
2	<u>Data Science</u>	<u>AICTE ATAL</u>	<u>11-05-2020 to 15-05-2020</u>
3	<u>Quantam Computing</u>	<u>AICTE ATAL</u>	<u>15-06-2020 to 19-06-2020</u>
4	<u>Image Processing and its applications</u>		<u>07-09-2020 to 12-09-2020</u>
5	<u>Artificial Intelligence using python</u>		<u>14-09-2020 to 19-09-2020</u>
6	<u>Role of Machine Learning & Data Sciences in AI</u>	<u>Mahatma Gandhi Institute of Technology</u>	<u>28-06-2020 to 02-07-2020</u>
7	<u>Python Programming</u>	<u>K L Deemed to be University</u>	<u>15-07-2020 to 18-07-2020</u>
8	<u>Block Chain & it's applications</u>	<u>G.B.Pant Institute of engineering and Technology</u>	<u>20-07-2020 to 24-07-2020</u>
9	<u>Machine Learning with Dimensionality Reduction</u>	<u>VIKAS Group of Institutions</u>	<u>21-07-2020 to 23-07-2020.</u>
10	<u>Statistical Data Analysis using R-Software</u>	<u>QIS College of Engineering and Technology</u>	<u>20-07-2020 to 24-07-2020</u>
11	<u>Data Science</u>	<u>ExcelR,TASK</u>	<u>1-07-2020 to 24-07-2020</u>
12	<u>Network Simulation tools-NS2 & NS3</u>	<u>Reva University</u>	<u>10-08-2020 to 14-08-2020</u>
13	<u>Trends and Advances in Cryptography</u>	<u>SNIST</u>	<u>24-08-2020 to 28-08-2020</u>

MOOC Courses Attended(NPTEL/Coursera etc...)

Completed Online Master Course in Artificial Intellegence offered by Simplilearn,2020

<u>S.No</u>	<u>Nature of certification course like,Coursera/ Udemy etc.,</u>	<u>Course name/ Title</u>	<u>Date and duration</u>
1	Simplilearn	Deep Learning Fundamentals	Completed on March 26, 2020 and 4 week course
2	Simplilearn	Data Science with Python	Completed on March 29, 2020 and 4 week course

3	Course era	Avoid Overfitting Using Regularization in TensorFlow	Completed on May 13, 2020 and 4 week course
4	Course era	Facial Expression Recognition with Keras	Completed on May 14, 2020 and 3 week course
5	Simplilearn	Machine Learning Advanced Certification Training	Completed on May 17, 2020 and 1 project
6	Simplilearn	Machine Learning with R by IBM	Completed on May 24, 2020
7	Simplilearn	Introduction to Robotic Process Automation	Completed on May 25, 2020
8	Simplilearn	Introduction to Cybersecurity	Completed on May 25, 2020
9	Course era	Initiating and Planning Projects	Completed on May 25, 2020 and 4 week course
10	Simplilearn	Deep Learning Fundamentals	Completed on May 26, 2020
11	Course era	Introduction to Project Management	Completed on May 26, 2020 and 1 hour 15 minutes (course era project network)
12	Course era(LearnQuest)	Cloud Computing Basics (Cloud 101)	Completed on June 02, 2020 and 3 week course
13	Course era	Sequences, Time Series and Prediction	Completed on June 02, 2020 and 4 week course
14	Course era	Natural Language Processing in TensorFlow	Completed on June 02, 2020 and 4 week course
15	Course era	Cloud Computing Basics (Cloud 101)	Completed on June 02, 2020 and 4 week course
16	Simplilearn	Introduction to IOT	Completed on June 03, 2020
17	Course era	Budgeting and Scheduling Projects	Completed on June 05, 2020 and 4 week course
18	Simplilearn	Deep Learning with TensorFlow	Completed on June 19, 2020 and completed 1 project
19	Course era	Image Classification with CNNs using Keras	Completed on June 23, 2020 and 1 hours long hands-on project
20	Course era	Image Data Augmentation with Keras	Completed on June 23, 2020 and 1.5 hours long hands-on project
21	Course era	Image Super Resolution Using Autoencoders in Keras	Completed on June 24, 2020 and 1.5 hours long hands-on project
22	Course era	Image Compression with K-Means Clustering	Completed on June 26, 2020 and 1 hours long hands-on

			project
23	Course era	Getting Started with AWS Machine Learning	Completed on June 30, 2020 and 5 week course
24	Simplilearn	Deep learning for NLP using Python	Completed on July 02, 2020 and 1 hands-on project
25	Course era	Basic Image Classification with TensorFlow	Completed on July 02, 2020 and 1 hours long hands-on project
26	Course era	Build a Deep Learning Based Image Classifier with R	Completed on July 03, 2020 and 1 hours long hands-on project
27	Course era	Deploy Models with TensorFlow Serving and Flask	Completed on July 09, 2020 and 2 hours
28	Course era	Facial Expression Recognition with Keras	Completed on July 15, 2020 and 1hours long hands-on project
29	Course era	Build Multilayer Perceptron Models with Keras	Completed on July 15, 2020 and 1hours long hands-on project
30	Course era	Neural Style Transfer with TensorFlow	Completed on July 15, 2020 and 1hours long hands-on project
31	Course era	Computer Vision - Object Detection with OpenCV and Python	Completed on August 27, 2020 and 1hours long hands-on project

Experience:

Teaching	08
Industry	
Research	
Total Experience	08