

Date: 18/05/2019,
Hyderabad.

To
The Principal,
G.N.I.T.S.,
Shaikpet, Hyderabad.

Respected Sir,

Sub: Approval letter to conduct **Summer Internship IoT, AI & ML** from 03rd June to 22nd June,2019 –Reg.

(Through Proper Channel)

Department of CSE, organizing a Summer internship program on “**IoT, AI, ML**” from 03rd June to 22nd June,2019 for III year students in association with **Smart Bridge Educational Ltd.** In this regard we request you to approve the same.

Thanking you sir.

Yours Sincerely,


Dr. M. Seetha,
HOD CSE.



SUMMER INTERNSHIP IOT, AI AND ML

3/6/2019 to 22/6/2019

9:30am to 3:30pm

Smart Bridge Education Ltd.

Introduction to IOT.

IOT Devices & open hardware platform.

Intro to Communication

Models and protocol.

Introduction to ML.

Basics of Python programming.

Introduction to Virtualization tools.

Recurrent Neural networks.

REGISTER NOW

Coordinator

Mr. T. Rajesh

Asst.Professor,CSE

Convenor

Dr. M.Seetha.

Professor,HOD-CSE

Principal

Dr.K.Ramesh Reddy

Principal

Speaker Details:



Amarender Katkam
Founder & CTO,

SmartBridge Educational Services Pvt. Ltd. (a company specialized in IoT, Analytics & AI workforce development & consultation, an Ed-Tech partner of IBM).

He is an IoT & AI Solution Architect with more than 11 years of industrial experience. Working as an IoT (Internet of Things) & AI (Artificial Intelligence) Consultant with many companies and start-ups. He had worked as Scientific Officer with Nuclear Power Corporation of India. We have trained more than 10k students & 600 faculties on emerging technologies.

IBM has recognized him as "IBM Champion -2018" for his contribution to the developer community.

He received a "High performer" award from NPCIL for his contribution in commissioning of Kudankulam Nuclear Power Project.

Amarender

G D ABHISHEK

Android Developer



Profile

Working as Android Application Developer with SmartBridge Educational Services Pvt. Ltd. for the last 2 years. A programming geek and electronic hobbyist with an interest in making IoT and Android understandable and enjoyable to other enthusiasts of all experience and knowledge levels. Developed more than 10 Android and IoT Applications in sectors like Industry, Smart Homes, Smart Cities, and Smart Health.

Academic Qualification

- Bachelor of Technology in Electronics' & Communication Engineering from Ace Engineering College, Hyderabad, 2017

Professional Experience

- Trained more than 200 interns to enrich knowledge in the stream of IOT and IBM cloud.
- Conducted various meetup's on IBM Watson and IoT services in collaboration with IBM

Project Title: **Mobilla – a personal assistant.**

Description: Mobilla is a voice assistant app that answers your questions, sets the alarm clock, finds your required information, and nicely connects you with various web services.

Project Title: **Visual Recognition using IBM Watson**

Description: The IBM Watson Visual Recognition service uses deep learning algorithms to analyze images for scenes, objects, faces, and other content. The response includes keywords that provide information about the content. Visual Recognition Android Application understands the contents of images. Analyze images for scenes, objects, faces, colors, food, and other subjects that can give you insights into your visual content.

Project Title: **Integrated platform for blood emergency management**

Description: This is one of the serious issues which this generation is facing. Sometimes, in an emergency situation when a patient needs blood of his/her matching blood group, but many times is not able to find a person of that blood group and as a result, he/she has to suffer from serious illness and sometimes death. So this app helps the user to find the right donor in that particular area.

Contact Details

4th Floor, Narmada Arcade,
Snehapuri Colony,
Nacharam, Hyderabad – 76

Mob: +91-8686919123
Off: 040 – 65884422

gdabhishek804@gmail.com

Technical Skills

Programming Languages

- C, Core Java
- Advanced Java
- Python
- Android App Development using Android Studio.

Cloud Platforms

- ThingSpeak
- IBM Bluemix
- Amazon Web Services
- Google Firebase

Embedded Hardware

- Raspberry Pi
- Arduino
- Node MCU

Communication Technologies & Protocols

- UART, SPI, I2C
- Wi-Fi, Bluetooth, RF
- GSM
- HTTP, HTTPS, MQTT

Signature

ANJUSHA R

IOT ENGINEER



Profile

Working as IoT Engineer with SmartBridge Educational Services Pvt. Ltd. since May, 2017. I have developed proof of concept models for applications at graduation and post graduation level which can be implemented in Education, Health, and Irrigation and Home automation sectors. As a team member, participated in Hackathons & workshops conducted by organization and acted as Team lead in some of the IOT internship programs and Hackathons conducted by our Smartbridge. Actively taken lead as speaker in the Hyderabad meetups, JHUB Events and many other events.

Academic Qualification

Master of Technology in Embedded Systems from CVR College of Engineering, Hyderabad, 2013

Bachelor of Engineering in Electronics & Communication Engineering from VBIT, Hyderabad, 2011

Professional Experience

Previous work Experience:

- Worked as Software Engineer in Syntax Tree Technologies, Hyderabad in year(2016-2017 January)
- Worked as Asst. Prof. in various private Engineering colleges in Hyderabad during academic year (2014-2016)

Implemented Projects:

- Energy-Demand based prediction using IBM Watson Studio
- Implemented home automation using inbuilt-Bluetooth feature of Esp32
- IoT analytics in health monitoring system
- IOT Based Automated Attendance System Based on Face Recognition using AWS
- Worked on mqtt protocol using Esp32

4th Floor, Narmada Arcade,
Snehapuri Colony,
Nacharam, Hyderabad – 76
Off: 040 – 65884422

Technical Skills

Embedded Hardware

- Raspberry Pi
- Arduino
- Node MCU
- ESP32
- Dragino LORA modules

Cloud Platforms

- ThingSpeak
- IBM Cloud

Communication Technologies & Protocols

- UART, SPI, I2C, Ethernet
- Wi-Fi, Bluetooth
- GSM, GPRS
- Zigbee
- LoRa
- NRF
- HTTP, MQTT

Programming Languages

- Embedded C
- Python

Domains

IoT

**G.Narayanamma Institute of Technology and Science
(Autonomous) (For Women)
Department of CSE**

Date: 29/05/2019

CIRCULAR

All the III B.Tech Students are informed that the Value Added Course titled "**Summer Internship IoT, AI & ML**" is going to be conducted by Smart bridge edu. Ltd. from 03/06/2019 to 22/06/2019. Interested students can give their names to Faculty Co-ordinators.

Timings: 9:30 AM to 3:30PM

Faculty Co-ordinators

1. Mr. T. Rajesh, Asst.Professor, CSE. 9494254625
2. Mr. T. Anil, Asst.Professor, CSE. 9902169779.

Mscett
HOD CSE
29/5/2019

Value Added Course on “Summer Internship Program-IOT, AI, ML”

Date: 03/06/2019

Course Objectives

- Exhibit knowledge to develop smart applications using IoT, AI, ML.
- Practice with an expertise in academics to design and implement IoT, AI, ML solutions.
- Understand key terms and concepts in IoT, AI, ML, Microprocessor kits.
- Develop prototypes for real world problems
- Understand principles of IoT, AI, ML and to guarantee a Data analysis through IBM cloud software/tools.

Course Content

- Introduction: Internet of Things (IoT) & IoT Applications
- Software Installations
- IoT Devices & Open Hardware Platforms
- IoT Communication Technologies & Protocols
- Introduction to communication models
- Application Development with Node-RED & MIT App Inventor
- IoT Gateways & Gateway Programming
- Introduction to Neural Networks
- Building ANN Using Tensor flow using sample dataset

Course Outcomes

Students will be able to:

- Analyse and evaluate the IOT needs of an organization.
- Measure the performance of IoT, AI, ML algorithms for real time problems.
- Implement IoT, AI, ML solutions and use of AI, ML software/tools.
- Design and develop a Model development architecture for real time problems.
- Perform Comparative analysis of various AI, ML algorithms.


HOD CSE

Course Objectives

- Exhibit knowledge to develop smart applications using IoT,ML.
- Practice with an expertise in academics to design and implement IoT,ML solutions.
- Understand key terms and concepts in IoT,ML, Micro processor kits.
- Develop prototypes for real world problems
- Understand principles of IoT,ML and to guarantee a Data analysis through IBM cloud software/tools.

Course Content

Introduction: Internet of Things (IoT) & IoT Applications

- IOT Applications & projects
- IOT Architecture & Deployment models
- Building Blocks of IOT
- Applications

Software Installations

IoT Devices & Open Hardware Platforms

- Introduction to Open Hardware Platforms
- Introduction to ESP8266 development board (ESP12E)
- Programming Analog & Digital I/O's with Arduino IDE
- Integrate Analog & Digital Sensors with ESP8266
- Introduction to DHT11 Sensor
- Integrate DHT11 Sensor with ESP8266
- working with servo motor

IoT Communication Technologies & Protocols

- Short range & Long range communication technologies
- Wired & Wireless Communications Low Power communications technologies
- Introduction to Serial Communications (UART, SPI, I2C, BLE)
- IP Based Communications – Ethernet, Wi-Fi, 6LoWPAN, GPRS Radio Communications – RF, NFC, RFID
- Explore Serial Communications (UART, SPI, I2C)
- Explore Bluetooth Communication & integrating Bluetooth module to nodemcu
- Explore I2C Communication & working with OLED display
- Explore Radio Frequency Communication & working with NRF Modules

Introduction to communication models

- Device Network Connectivity
- Client - Server Communication Model
- Publish - Subscribe Communication Model

- Working with ESP8266WIFI & ESP8266WEBSERVER libraries
- Smart Home Automation using ESP8266
- Introduction to Msg 91 messaging platform
- Sending messages using HTTP requests using ESP8266
- Importance of IOT Platform & its generic Architecture
- Getting Started with IBM Watson IOT Platform
- connect online sensor to IBM cloud and Visualizing real-time data by using boards and cards
- Connect ESP8266 to Watson IOT Platform
- Send Sensor data to Watson IOT Platform using MQTT and HTTP
- Visualizing real-time data by using boards and cards
- Introduction to CloudantNoSQL DB
- Query and Process Watson IoT Device Data from CloudantNoSQL DB
- API & Client Libraries for CloudantNoSQL DB

Application Development with Node-RED & MIT App Inventor

- Introduction to Application Development
- MIT App Inventor for Android App Development
- Perform Retrieve & Update data operations from MIT App Inventor
- Introduction to Node-RED • Web App development using NodeRED
- Create a Node-RED application to send commands to device

IoT Gateways & Gateway Programming

- Introduction to IOT Gateways
- Purpose of IoT Gateway
- Introduction to Raspberry Pi
- OS Installation & Configurations
- Python Programming
- Programming GPIO pins
- Integrating Digital I/O with Raspberry Pi
- Explore ultrasonic sensor and integrating it with Raspberry Pi
- Making the Raspberry Pi as MQTT Broker
- Introduction to IBM Watson Conversation Service
- Create an Instance of Conversation Service
- Create a simple conversation App
- Work on Recipe - Talk to your Sensor using the Watson IoT Platform
- Fundamentals of Machine Learning
- Supervised & Unsupervised learning
- Regression & Classification
- Machine Learning Terminology
- Introduction to Scikit-Learn Package
- Regression Analysis
 - Linear Regression Introduction to Classification Problems
 - Logistic Regression
 - K-Nearest Neighboring
 - Support Vector Machine

- Introduction to IBM Cloud
 - Introduction to Watson Studio
 - Building Machine learning model in Watson Studio
- Deploying Machine Learning as web services
- Naive-Bayes
 - Decision Tree
 - Random Forest

Course Outcomes

Students will be able to:

- Analyse and evaluate the IOT needs of an organization.
- Measure the performance of IoT,ML algorithms for real time problems.
- Implement IoT,ML solutions and use of ML software/tools.
- Design and develop a Model development architecture for real time problems.
- Perform Comparative analysis of various ML algorithms.

Smith

Artificial Intelligence with Python Day Wise

Day -1	<ul style="list-style-type: none">• What is Machine Learning• Usecases of Machine Learning• Role of Machine Learning Engineer• Machine Learning Algorithms• Machine Learning Tools & Packages• Introduction to python programming and Environment Setup• Python Basics• Data types• Expressions and Variables• String Operations• Python Data Structures• Python Programming Fundamentals
Day -2	<ul style="list-style-type: none">• Conditions and Branching• Loops• Functions• Packages• Machine Learning Tools & Packages• Introduction to python programming and Environment Setup• Python Basics• Data types• Expressions and Variables• String Operations• Python Data Structures• Python Programming Fundamentals• Python - Files I/O<ul style="list-style-type: none">○ File Handling○ Create a New File○ Write to an Existing File○ Delete a File• Python - Exceptions Handling<ul style="list-style-type: none">○ What is Exception?○ Handling an exception○ Argument of an Exception○ Raising an Exceptions○ User-Defined Exceptions
Day--3	<ul style="list-style-type: none">• Python - Object Oriented<ul style="list-style-type: none">○ Overview of OOP Terminology○ Creating Classes○ Creating Instance Objects○ Accessing Attributes○ Built-In Class Attributes• Working with Data in Python<ul style="list-style-type: none">○ Reading files with open○ Writing files with open○ Loading data with Pandas

	<ul style="list-style-type: none"> ○ Working with and Saving data with Pandas ● Introduction to Visualization Tools <ul style="list-style-type: none"> ○ Introduction to Data Visualization ○ Introduction to Matplotlib ○ Basic Plotting with Matplotlib ○ Dataset on Immigration to Canada ○ Line Plots
Day-4	<ul style="list-style-type: none"> ● Introduction to Neural Networks <ul style="list-style-type: none"> ○ The Neuron ○ The Activation Function ○ How do Neural Networks work? ○ How do Neural Networks learn? ○ Gradient Descent ○ Stochastic Gradient Descent ○ Backpropagation ● Introduction to Keras Framework <ul style="list-style-type: none"> ○ Introduction to the Sequential Mode ○ Activation functions ○ Layers ○ Training ○ Loss function ● Building ANN Using Tensorflow using sample dataset
Day-5	<ul style="list-style-type: none"> ● Building ANN – Classification ● Digit Recognition ANN
Day-6	<ul style="list-style-type: none"> ● Introduction to Open Cv ● Image Transformations Using Opencv ● Face Detection Using OpenCv ● Introduction to Convolutional Neural Networks <ul style="list-style-type: none"> ○ What are convolutional neural networks? ○ Step 1 - Convolution Operation ○ Step 1(b) - ReLU Layer ○ Step 2 - Pooling ○ Step 3 - Flattening ○ Step 4 - Full Connection ● Classification of images using CNN ● Evaluating, Improving and Tuning the CNN
Day-7	<ul style="list-style-type: none"> ● Introduction to Recurrent Neural Networks <ul style="list-style-type: none"> ○ The idea behind Recurrent Neural Networks ○ The Vanishing Gradient Problem ○ LSTMs ○ LSTM Variations ● Predicting Google stock prices using RNN ● Evaluating, Improving and Tuning the RNN

Sunitha

Day-8	<ol style="list-style-type: none">1. Introduction to Natural Language Processing2. Introduction to NLTK3. Bag of Words model4. Natural Language Processing in Python5. Sentiment analysis using Natural Language Processing<ul style="list-style-type: none">o Cleaning the textso Creating the Bag of Words modelo Classification of texts
Day -9	<ul style="list-style-type: none">• Introduction to IBM Cloud• Introduction to Watson Studio• Building Machine learning model in Watson Studio• Deploying Deep Learning Models as web services
Day -10	<ul style="list-style-type: none">• Introduction to IBM Node-red• Integrating Machine Learning model to IBM Node-red• Building Web Application

Sunitha

G. Narayanamma Institute of Technology and Science
Autonomous (For Women)

Department of CSE

Schedule of Value Added Course on “Summer Internship Program-IOT, AI, ML.”

Date: 29/05/2019

S.No	Period	Timings	Session
1	03 rd June - 08 th June 2019	9:30AM to 3:30PM	<p>Software Installations</p> <p>IoT Devices & Open Hardware Platforms</p> <ul style="list-style-type: none">• Introduction to Open Hardware Platforms• Introduction to ESP8266 development board (ESP12E)• Programming Analog & Digital I/O's with Arduino IDE• Integrate Analog & Digital Sensors with ESP8266• Introduction to DHT11 Sensor• Integrate DHT11 Sensor with ESP8266• working with servo motor <p>IoT Communication Technologies & Protocols</p> <ul style="list-style-type: none">• Short range & Long range communication technologies• Wired & Wireless Communications Low Power communications technologies• Introduction to Serial Communications (UART, SPI, I2C, BLE)• IP Based Communications – Ethernet, Wi-Fi, 6LoWPAN, GPRS Radio Communications – RF, NFC, RFID• Explore Serial Communications (UART, SPI, I2C)• Explore Bluetooth Communication & integrating Bluetooth module to nodemcu• Explore I2C Communication & working with OLED display• Explore Radio Frequency Communication & working with NRF Modules

2	03 rd June - 08 th June 2019	9:30AM to 3:30PM	<p>Introduction to communication models</p> <ul style="list-style-type: none"> • Device Network Connectivity • Client - Server Communication Model • Publish - Subscribe Communication Model • Working with ESP8266WIFI & ESP8266WEBSERVER libraries • Smart Home Automation using ESP8266 • Introduction to Msg 91 messaging platform • Sending messages using HTTP requests using ESP8266 • Importance of IOT Platform & its generic Architecture • Getting Started with IBM Watson IOT Platform • connect online sensor to IBM cloud and Visualizing real-time data by using boards and cards • Connect ESP8266 to Watson IOT Platform • Send Sensor data to Watson IOT Platform using MQTT and HTTP • Visualizing real-time data by using boards and cards • Introduction to CloudantNoSQL DB • Query and Process Watson IoT Device Data from CloudantNoSQL DB • API & Client Libraries for CloudantNoSQL DB
3	10 th June - 15 th June 2019	9:30AM to 3:30PM	<p>Application Development with Node-RED & MIT App Inventor</p> <ul style="list-style-type: none"> • Introduction to Application Development • MIT App Inventor for Android App Development • Perform Retrieve & Update data operations from MIT App Inventor • Introduction to Node-RED • Web App development using NodeRED • Create a Node-RED application to send commands to device.
4	10 th June - 15 th June 2019	9:30AM to 3:30PM	<p>IoT Gateways & Gateway Programming</p> <ul style="list-style-type: none"> • Introduction to IOT Gateways • Purpose of IoT Gateway

			<ul style="list-style-type: none"> • Introduction to Raspberry Pi • OS Installation & Configurations • Python Programming • Programming GPIO pins • Integrating Digital I/O with Raspberry Pi • Explore ultrasonic sensor and integrating it with Raspberry Pi • Making the Raspberry Pi as MQTT Broker • Introduction to IBM Watson Conversation Service • Create an Instance of Conversation Service • Create a simple conversation App • Work on Recipe - Talk to your Sensor using the Watson IoT Platform • Fundamentals of Machine Learning • Supervised & Unsupervised learning • Regression & Classification <p>Machine Learning Terminology</p>
5	17 th June – 22 nd June 2019	9:30AM to 3:30PM	<ul style="list-style-type: none"> • Introduction to Scikit-Learn Package • Regression Analysis <ul style="list-style-type: none"> • Linear Regression Introduction to Classification Problems • Logistic Regression • K-Nearest Neighboring • Support Vector Machine • Introduction to IBM Cloud • Introduction to Watson Studio • Building Machine learning model in Watson Studio <p>Deploying Machine Learning as web services</p> <ul style="list-style-type: none"> • Naive-Bayes • Decision Tree • Introduction to Neural Networks <ul style="list-style-type: none"> ○ The Neuron ○ The Activation Function ○ How do Neural Networks work? ○ How do Neural Networks learn? ○ Gradient Descent ○ Stochastic Gradient Descent ○ Backpropagation • Introduction to Keras Framework <ul style="list-style-type: none"> ○ Introduction to the Sequential Mode ○ Activation functions ○ Layers ○ Training

			<p>Building ANN Using Tensorflow using sample dataset</p> <ul style="list-style-type: none"> • Introduction to Open Cv • Image Transformations Using Opencv • Face Detection Using OpenCv
6	17 th June – 22 nd June 2019	9:30AM to 3:30PM	<ul style="list-style-type: none"> • Introduction to Convolutional Neural Networks <ul style="list-style-type: none"> ○ What are convolutional neural networks? ○ Step 1 - Convolution Operation ○ Step 1(b) - ReLU Layer ○ Step 2 - Pooling ○ Step 3 - Flattening ○ Step 4 - Full Connection • Classification of images using CNN • Evaluating, Improving and Tuning the CNN • Introduction to Natural Language Processing • Introduction to NLTK • Bag of Words model • Natural Language Processing in Python • Sentiment analysis using Natural Language Processing <ul style="list-style-type: none"> ○ Cleaning the texts ○ Creating the Bag of Words model


Course Coordinator


HOD/CSE

G.Narayanamma Institute of Technology and Science

(Autonomous) (For Women)

Department of CSE

Date:22/06/2019

Feedback for Value Added Course for summer internship program IoT, AI, ML

Roll Number	Was the content in- depth enough?	How would you rate the overall course	Was the course easy to follow?	Do you feel that your knowledge or skills	What did you like the most about this internship program program?
18251A05F1	yes	5	Yes	yes	I mostly liked the way all the trainees were interactive, supportive.And all the doubts were cleared.
18251A05C7	yes	5	Yes	yes	The way of teaching, making anyone volunteer and show the implementation again
18251A05C9	yes	4	Yes	yes	Everything is good
18251A05G5	yes	4	Yes	yes	Clearing doubts very patiently.
18251A05H4	yes	5	Yes	yes	The trainers were approachable and didn't mind answering questions. It was well presented and explained very well. It will be very useful. The trainers are very interactive.
18251A05F8	yes	5	Yes	yes	Every trainer is very interactive, they will explain again if we have doubts and there are doubt clearing sessions also and I think its very useful and improved my skills
18251A0523	yes	5	Yes	yes	Teaching
18251A0518	yes	5	Yes	yes	From the basic with practical knowledge
18251A0539	yes	4	Yes	yes	Am learning lot of new things and the faculty was too good
18251A05A7	yes	5	Yes	yes	The way the mentors delivering the contents
18251A05H7	yes	5	Yes	yes	good
18251A05G9	yes	5	Yes	yes	teaching
18251A05C4	yes	5	Yes	yes	good teaching
18251A0597	yes	5	Yes	yes	
18251A05E5	yes	5	Yes	yes	good
19255A0502	yes	5	Yes	yes	
19255A0503	yes	3	Yes	yes	teaching
18251A0533	yes	5	Yes	yes	
19255A0509	yes	4	Yes	yes	good
18251A05D1	yes	4	Yes	yes	teaching
18251A05H8	yes	5	Yes	yes	

19255A0513	yes	5	No	yes	
18251A0583	yes	4	Yes	yes	teaching
18251A05E7	yes	5	No	yes	
18251A0564	yes	5	Yes	yes	teaching
18241A0591	yes	4	Yes	yes	
18251A05E6	yes	4	Yes	yes	
18251A0593	yes	4	No	yes	good
18251A05G2	yes	5	Yes	yes	
18251A05G6	yes	5	Yes	yes	
18251A05H9	yes	4	Yes	yes	
18251A05C6	yes	5	Yes	yes	Everything is good
18251A05F7	yes	5	Yes	yes	
18251A05D2	yes	3	Yes	yes	
18251A0522	yes	4	Yes	yes	
18251A0540	yes	4	Yes	yes	
18251A0590	yes	5	Yes	yes	good
18251A0556	yes	5	Yes	yes	
18251A0545	yes	5	No	yes	
18251A0551	yes	5	Yes	yes	good
18251A0520	yes	5	Yes	yes	
18251A0571	yes	5	Yes	yes	teaching
18251A0572	yes	5	Yes	yes	
19255A0510	yes	5	Yes	yes	
18251A05A2	yes	5	Yes	yes	
18251A0537	yes	5	Yes	yes	teaching

Sumita
Course Coordinator

Student list for summer internship program IoT, AI, ML

Roll Number	First Name	Last Name	Email	Phone	College Name
18251A05F1	Aakiti	Samhitha	akitisamhitha2000@gmail.com	9381455006	GNITS
18251A05C7	Sri Lahari	Dwadasi	dwadasi179@gmail.com	7993665009	GNITS
18251A05C9	Ifrah	Fatima	ifrah.fatima.2000@gmail.com	9885632077	GNITS
18251A05G5	Mikkilineni	Aarthi	aarthimikki@gmail.com	9640495552	GNITS
18251A05H4	Sravani	Kaligotla	shaithai1915@gmail.com	6303750700	GNITS
18251A05F8	Gundam	Vihassitha	vihasitha23@gmail.com	9381345875	GNITS
18251A0523	Polisetty	Ramya sree sai	ramyasreesai2000@gmail.com	8074319312	GNITS
18251A0518	Sathwika	Muthigari	sathwika.muthigari@gmail.com	9849557885	GNITS
18251A0539	koluguri ruchitha	reddy	ruchitha269@gmail.com	9381228315	GNITS
18251A05A7	Mansi.A.G		mansi22ag@gmail.com	8106772300	GNITS
18251A05H7	Vadugula	Anudeepa	vadugulaanudeepa@gmail.com	9912565010	GNITS
18251A05G9	Patnala	Chandana	chandanaPatnala99@gmail.com	7780623216	GNITS
18251A05C4	Srija	Bashetty	bashettysrija@gmail.com	6304728860	GNITS
18251A0597	Tirzah	Dirisam	tirzah528@gmail.com	9550337244	GNITS
18251A05E5	shwetha	sunkara	shwethasunkara666@gmail.com	9542007711	GNITS
19255A0502	Chepuri	Akhila	akhilachepuri543@gmail.com	9959273086	GNITS
9347967670	Arcot	Supriya	supriyaarcot601@gmail.com	9347967670	GNITS
18251A0533	chanpreet	c	chanpreetchawla0@gmail.com	9014183277	GNITS
19255A0509	Preethi	Godha	godhapreethi16v@gmail.com	9381495742	GNITS
18251A05D1	K	Ravali	ravali.kudaravalli@gmail.com	9381498903	GNITS
18251A05H8	Alekhya	Vanga	vangaalekhya2001@gmail.com	6303849926	GNITS
19255A0513	Thadka	Keerthika	tonnynoddy987@gmail.com	7801028373	GNITS
18251A0583	Nikitha	Aleti	nikithaaleti1257@gmail.com	8638933966	GNITS
18251A05E7	Shubhasri	Vanam	sshubha123@gmail.com	8008132143	GNITS
18251A0564	Swetha	Badini	badiniswetha@gmail.com	8555887365	GNITS
18241A0591	Adepu	Tejaswi	tejaswiadepu2000@gmail.com	6305499040	GNITS
18251A05E6	mary	sony	telugumarysony@gmail.com	7702065575	GNITS
18251A0593	SRUJANA	ANUMULA	srujana9645@gmail.com	9381295705	GNITS
18251A05G2	Amulya	Mamidala	mamidala.amulya2000@gmail.com	9491590790	GNITS
18251A05G6	SWETHA	MUDIGA	swethamudiga2001@gmail.com	8106925689	GNITS
18251A05H9	Gouthami.Vootla	varma	gouthami.vootla@gmail.com	6300413667	GNITS
18251A05C6	Himaja	Chinnam	himajachinamm123@gmail.com	6303113079	GNITS
18251A05F7	Dindi	Divya	dindidivya1@gmail.com	9381123481	GNITS
18251A05D2	Sanjana	Marri	marrisanjana@gmail.com	8309622769	GNITS
18251A0522	Harshitha	Boddu	sonalboddu@gmail.com	9581778800	GNITS
18251A0540	Datha	Vaishnavi	dathavaishnavi@gmail.com	8919057151	GNITS
18251A0590	Vempati	Sai priya	vempatisaipriya2001@gmail.com	7013270630	GNITS
18251A0556	T	Aarthika	taarthika21@gmail.com	9502993518	GNITS
18251A05H5	Tadakamadla	Sanjana	sanjana.tadakamadla@gmail.com	9381281050	GNITS
18251A0551	vyshnavi	pabba	vyshnavipabba931@gmail.com	8185090931	GNITS
18251A0520	Nenavath	Sowmya	nenavathsowmya06@gmail.com	8096845620	GNITS
18251A0571	Jayasree	Gorichitti	shree.gorichitti@gmail.com	8897727999	GNITS
18251A0572	sushma	janamanchi	sushma.janamanchi@gmail.com	6301920714	GNITS
19255A0510	Kadhunoori	Aparna	Kadhunooriaparna@gmail.com	7569692940	GNITS

18251A05A2	Ushasini	Janagama	ushasini.janagama0801@gmail.com	7093437140	GNITS
18251A0537	Irukulla	Shivani	irukullashivani30@gmail.com	9618108644	GNITS

Swetha

G.Narayanamma Institute of Technology and Science

(Autonomous) (For Women)

Department of CSE

Date:03/06/2019

Student list of Value Added Course for summer internship program IoT, AI, ML

Roll Number	First Name	Last Name	Email	Phone	College Name
18251A05F1	Aakiti	Samhitha	akitisamhitha2000@gmail.com	9381455006	GNITS
18251A05C7	Sri Lahari	Dwadasi	dwadasi179@gmail.com	7993665009	GNITS
18251A05C9	Ifrah	Fatima	ifrah.fatima,2000@gmail.com	9885632077	GNITS
18251A05G5	Mikkilineni	Aarthi	aarthimikki@gmail.com	9640495552	GNITS
18251A05H4	Sravani	Kaligotla	shaithai1915@gmail.com	6303750700	GNITS
18251A05F8	Gundam	Vihassitha	vihasitha23@gmail.com	9381345875	GNITS
18251A0523	Polisetty	Ramyasree sai	ramyasreesai2000@gmail.com	8074319312	GNITS
18251A0518	Sathwika	Muthigari	sathwika.muthigari@gmail.com	9849557885	GNITS
18251A0539	koluguri ruchitha	reddy	ruchitha269@gmail.com	9381228315	GNITS
18251A05A7	Mansi.A.G		mansi22ag@gmail.com	8106772300	GNITS
18251A05H7	Vadugula	Anudeepa	vadugulaanudeepa@gmail.com	9912565010	GNITS
18251A05G9	Patnala	Chandana	chandanaapatnala99@gmail.com	7780623216	GNITS
18251A05C4	Srija	Bashetty	bashettysrija@gmail.com	6304728860	GNITS
18251A0597	Tirzah	Dirisam	tirzah528@gmail.com	9550337244	GNITS
18251A05E5	shwetha	sunkara	shwethasunkara666@gmail.com	9542007711	GNITS
19255A0502	Chepuri	Akhila	akhilachepuri543@gmail.com	9959273086	GNITS
9347967670	Arcot	Supriya	supriyaarcot601@gmail.com	9347967670	GNITS
18251A0533	chanpreet	c	chanpreetchawla0@gmail.com	9014183277	GNITS
19255A0509	Preethi	Godha	godhapreethi16v@gmail.com	9381495742	GNITS
18251A05D1	K	Ravali	ravali.kudaravalli@gmail.com	9381498903	GNITS
18251A05H8	Alekhyas	Vanga	vangaalekhya2001@gmail.com	6303849926	GNITS
19255A0513	Thadka	Keerthika	tonnynoddy987@gmail.com	7801028373	GNITS
18251A0583	Nikitha	Aleti	nikithaleti1257@gmail.com	8638933966	GNITS
18251A05E7	Shubhasri	Vanam	ssshubha123@gmail.com	8008132143	GNITS
18251A0564	Swetha	Badini	badiniswetha@gmail.com	8555887365	GNITS
18241A0591	Adepu	Tejaswi	tejaswiadepu2000@gmail.com	6305499040	GNITS
18251A05E6	mary	sony	telugumarysony@gmail.com	7702065575	GNITS
18251A0593	SRUJANA	ANUMULA	srujana9645@gmail.com	9381295705	GNITS
18251A05G2	Amulya	Mamidala	mamidala.amulya2000@gmail.com	9491590790	GNITS
18251A05G6	SWETHA	MUDIGA	swethamudiga2001@gmail.com	8106925689	GNITS
18251A05H9	Gouthami.Vootla	varma	gouthami.vootla@gmail.com	6300413667	GNITS
18251A05C6	Himaja	Chinnam	himajachinamm123@gmail.com	6303113079	GNITS
18251A05F7	Dindi	Divya	dindidivya1@gmail.com	9381123481	GNITS
18251A05D2	Sanjana	Marri	marrisanjana@gmail.com	8309622769	GNITS
18251A0522	Harshitha	Boddu	sonaiboddu@gmail.com	9581778800	GNITS
18251A0540	Datha	Vaishnavi	dathavaishnavi@gmail.com	8919057151	GNITS
18251A0590	Vempati	Sai priya	vempatisaipriya2001@gmail.com	7013270630	GNITS
18251A0556	T	Aarthika	taarthika21@gmail.com	9502993518	GNITS
18251A05H5	Tadakamadla	Sanjana	sanjana.tadakamadla@gmail.com	9381281050	GNITS
18251A0551	vyshnavi	pabba	vyshnavipabba931@gmail.com	8185090931	GNITS

