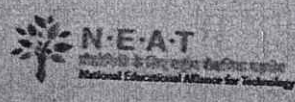


15

CHRONIC KIDNEY ANALYSIS USING IBIBM WATSONMACHINE LEARNING SERVICE



**Smart
Internz**



Externship Certificate

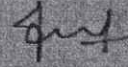
This to certify that

Rakesh reddy Kamasani

has successfully completed the externship program on **Artificial Intelligence powered**
by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5807

October 09, 2021
Issued Date

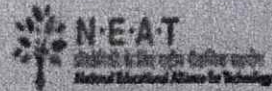
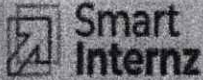

Jayaprakash. Ch
Program Manager




PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keasara (NR), Medchal Dist.(T.S.)-501 301.

DEPT. OF ECE, GECT

CHRONIC KIDNEY ANALYSIS USING IBIBM WATSONMACHINE LEARNING SERVICE



Externship Certificate

This to certify that

KAVADI SALMANRAJU

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5695

October 05, 2021

Issued Date

Jayaprakash Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheruvu (U), Keesara (M), Medchal Dist. (T.S.)-501 301.

DEPT. OF ECE, GECT

23

IBM Developer Skills Network
This is a digital certificate issued by IBM
Developer Skills Network. It is a record of
your learning journey and is valid for
the life of the certificate. It is not
transferable and cannot be used for
any other purpose.



This is to certify that

Daya Nidhi

has completed all courses in the learning path

Intelligent Alert System for Forest Tribal People Using IBM Watson Studio

a learning path on smarterbridge.skillsnetwork.site

Powered by IBM Developer Skills Network

Intelligent Alert System for Forest Tribal People Using IBM Watson Studio consists of the following courses:

- Design Thinking
- DevOps Fundamentals
- Agile Training Module

Issued by

The SmartBridge

Issued on:

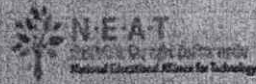
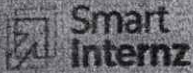
June 16, 2021

Rav Akshay
Program Director
Skills Network, IBM

Anamender Kallam
Founder & CEO
The SmartBridge

Authenticity of this certificate can be validated by going to
<https://smarterbridge.skillsnetwork.site/certificates/454b2d60-7008-404f-8198-e439055234b4>

24



Externship Certificate

This to certify that

Mosali Jyothi

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4307

August 23, 2021

Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheruvu (V), Kaasara (M), Madhavi Dist. (T.S.)-501 301.

26

IBM Skills Network
Certificate of Completion
This certificate is awarded to
the individual who has
successfully completed
the course of study
and is a testament to
their hard work and
dedication.



This is to certify that

srilatha M

has completed all courses in the learning path

Intelligent Alert System for Forest Tribal People Using IBM Watson Studio

a learning path on skillsnetwork.ibm.com

Powered by IBM Developer Skills Network

Intelligent Alert System
for Forest Tribal People
Using IBM Watson
Studio consists of the
following courses:

- Design Thinking
- DevOps Fundamentals
- Agile Training Module

Issued by

The SmartBridge

Rav Akhij
Program Director
Skills Network, IBM

Anuradha Kulkarni
Founder & CEO
The SmartBridge

Issued on:

June 16, 2021

Authenticity of this certificate can be validated by going to:
<https://skillsnetwork.ibm.com/certificates/6b6a2bca-b66e-45e8-b92d-a0574692c1a>

PRINCIPAL
Geethanjali College of Engg. and Tech.
Geethanjali College of Engg. and Tech.
Geethanjali College of Engg. and Tech.

27



This is to certify that

M. Varun Varma

has completed all courses in the learning path

Intelligent Alert System for Forest Tribal People Using IBM Watson Studio

a learning path on smartbridge.skillsnetwork.site

Powered by IBM Developer Skills Network

Intelligent Alert System for Forest Tribal People Using IBM Watson Studio consists of the following courses:

- Design Thinking
- DevOps Fundamentals
- Agile Training Module

Issued by

The SmartBridge

Anaminder Kishan
Founder & CEO
The SmartBridge

Issued on:

June 16, 2021

Anaminder Kishan
Founder & CEO
The SmartBridge

Authenticity of this certificate can be validated by going to:

<https://smartbridge.skillsnetwork.site/certificates/ef6c0e5-9d0b-431e-9961-58aa0818d3f4>

PRINCIPAL
Geethanjali College of Engg. and Tech
Cheruvu (P), Madhav (M), Chikhalur Taluk (T), Channarayana (D)

Geethanjali College of Engg. and Tech.
Chennai (N), Keerasa (M), Madhav Dicc (S) - 601 301.
PRINCIPAL

28



This is to certify that

Mylavarapu SriLaasya

has completed all courses in the learning path

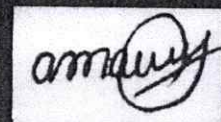
**Intelligent Alert
System for
Forest Tribal
People Using
IBM Watson
Studio**

a learning path on smartbridge.skillsnetwork.site

Powered by **IBM Developer Skills Network**

Issued by

The SmartBridge



29



**Smart
Internz**



N.E.A.T

National Educational Alliance for Technology

Externship Certificate

This to certify that

VASREYA.N

has successfully completed the externship program on Artificial intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5045

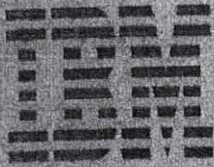
September 07, 2021

Issued Date

Jayaprakash, Ch
Program Manager



Geethanjali College of Engineering & Technology
Cheeryal (V), Keesara (M), Medchal Dist (H.O.)-501 307.



This is to certify that

Vaishnavi Peddaboina

has completed all courses in the learning path

Predictive Maintenance of Engines Using IBM Cloud

a learning path on smarterbridge.skillsnetwork.site

Powered by IBM Developer Skills Network

Predictive Maintenance of Engines Using IBM Cloud consists of the following courses:

- Design Thinking
- DevOps Fundamentals
- Agile Training Module

Issued by

The SmartBridge

Pardeep
Program Director
Skills Network, IBM

Issued on

June 16, 2021

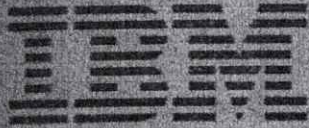
Anamender Katam
Founder & CEO
The SmartBridge

Authenticity of this certificate can be validated by going to:

<https://smarterbridge.skillsnetwork.site/certificate/6f3ea538-292f-4b34-bbae-487874c283ae>

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keerasa (H), Medchal Dist.(R.S.)-501 301.

33



This is to certify that

Bhavysa sai

has completed all courses in the learning path

**Predictive
Maintenance of
Engines Using
IBM Cloud**

a learning path on smarthbridge.skillsnetwork.site

Powered by IBM Developer Skills Network

Issued by
The SmartBridge

Katappa
Program Director
The SmartBridge

Issued on:
June 16, 2021

Authenticity of this certificate can be validated by going to: <https://smarthbridge.skillsnetwork.site/certificates-da3cf04a-92e1-41ec-9527-45384fe1f04c>
Amarendra Kulkarni
Founder & CEO
The SmartBridge

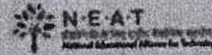
PROFESSOR
Geethanjali College of Engg. and Tech.
Chicoryal (V), Keesara (R), Medchal Dist.(T.S.)-501 301.

ANALYSIS OF AMAZON CELL PHONE REVIEWS USING IBM CLOUD

38



Smart
Internz



Externship Certificate

This to certify that


Rekha Ejjagiri

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5296

September 18, 2021

Issued Date


Jayaprakash. Ch
Program Manager



2.2 Final Report

2.3 Methodology followed

2.4 Skills acquired during Internship

Chapter 3 Results

Chapter 4 Conclusion

Chapter 5 Future Scope

References


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeray (U), Kassaravalli (R), Medchal Dist.(S.S.)-501 301.

Externship Certificate

40



**Smart
Internz**



Externship Certificate

This to certify that

ROHITH SHERIPALLY

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5301

September 24, 2021

Issued Date

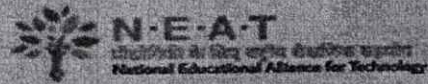
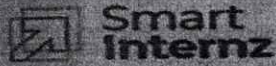
Jayaprakash. Ch
Program Manager



PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerpal (V), Kasaragod (K), Malabar Dist. (S.S.)-571 302.

Externship Certificate

x2



Externship Certificate

This to certify that

AJAY KUMAR

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5831

October 19, 2021

Date

Jayaprakash. Ch
Program
Manager

Geethanjali College of Engg. and Tech.
Chennai-60. Kanchi Rd., Madhavaram, C.S.I. 600 031.

Externship Certificate

43



Externship Certificate

This to certify that

SUDHAMALLA VISHWA TEJA

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-9047

October 20, 2021

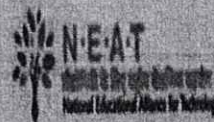
Issued Date

Jayaprakash Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Chennai (C), Keasree Hill, Madhav Nagar, C.S.I. 401 301.

45

Externship Certificate



Externship Certificate

This to certify that

Yanamala Jagadeshwari

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Using IBM Cloud

Certificate ID: Ext-AI-2021-5869

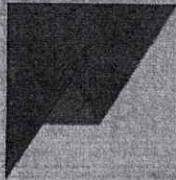
October 22, 2021

Issued Date

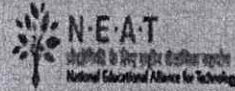
Jayaprakash Ch
Program Manager

Geethanjali College of Engg. and Tech.
Cheerla (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

46



Smart
Internz



N-E-A-T

National Educational Alliance for Technology

Externship Certificate

This to certify that

YARRABOINA VENKATA SRAVYA

has successfully completed the externship program on Artificial Intelligence powered
by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

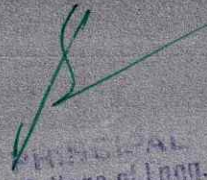
Certificate ID: Ext-AI-2021-5848

October 20, 2021

Issued Date

Jayaprakash. Ch

Program Manager


Principal
Geethanjali College of Engg. and Tech.
Cheerla (V), Keesara (M), Medchal Dist. (T.S.)-501 301.

47



Externship Certificate

This to certify that

GOPALDAS SAMPURNALATHA

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4939

August 31, 2021

Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Gheeraj (V), Keerasam (M), Medchal Dist. (T.S.)-501 301.

48



Externship Certificate

This to certify that

GOPU SADHANA

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5046

September 07, 2021

Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeraj (V), Keesara (M), Machhal Dist.(A.S.) 501 301.

49



Externship Certificate

This to certify that

N SANDHYA RANI

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-8278

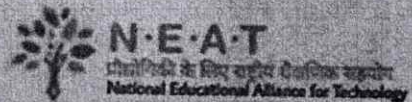
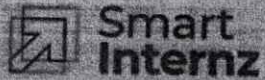
September 16, 2021

Issued Date

Jayaprakash Ch.
Program Manager

Principal
Geethanjali College of Engg. and Tech.
Cheerai (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

50



Externship Certificate

This to certify that

POKALA PAVITHRA

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5280

September 16, 2021

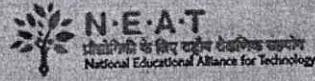
Date

Jayaprakash. Ch
Program
Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeraj (S), Keesara (M), Medchal Dist.(T.S.)-501 201.

52

mart
nternz



Externship Certificate

This to certify that **Anne Sai Eshwar Chowdary** successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

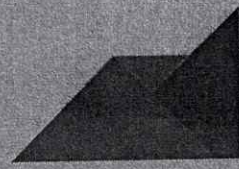
Certificate ID: Ext-IOT-2021-4902

Jayaprakash. Ch

Program Manager

August 26, 2021

Issued Date



54

6/16/2021

https://smartbridge.skillsnetwork.site/certificates-backend/certificates?username=Lekha_173&slug=university-admit-eligibility-predict...



This is to certify that

B. Sai Chandralekha

has completed all courses in the learning path

**University Admit
eligibility
predictor using
IBM Watson**

a learning path on smartbridge.skillsnetwork.site

Powered by **IBM Developer Skills Network**

Issued by

The SmartBridge

Rav Ahuja
Program Director
Skills Network, IBM

Issued on:

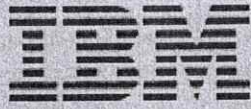
June 16, 2021

Authenticity of this certificate can be validated by going to: **Amarendra Katkam**
<https://smartbridge.skillsnetwork.site/certificates/5ebb6e99> **Founder & CEO**
fa0e-41b5-835f-7112dd738a06 **TheSmartBridge**

55

788021

SmartBridge



This is to certify that

Bayya Rachana

has completed all courses in the learning path

Smart connected Signs for Improved Road Safety with IBM Cloud

a learning path on smartbridge.skillsnetwork.site

Powered by IBM Developer Skills Network

Issued by

The SmartBridge

Ravi Abhishek
Program Director
Skills Network, IBM

Issued on:

July 08, 2021

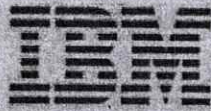
Alexander E. Alcan
Founder & CEO
The SmartBridge

Authenticity of this certificate can be validated by going to:

<http://smartbridge.skillsnetwork.site/certificates/1882d93d-a5a9-41c8-b2d8-56b79d42b787>


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerjal (V), Keesera (M), Medchal Dist.(T.S.)-501 301.

56



This is to certify that

Bemini Ramu

has completed all courses in the learning path

**University Admit
eligibility
predictor using
IBM Watson**

a learning path on smarterbridge.skillsnetwork.org

Powered by IBM Developer Skills Network


Issued by

The SmartBridge

Rav Akshay
Program Director
Skills Network, IBM

Issued on:
June 16, 2021

Authenticity of this certificate can be validated by going to: Anurag Kulkarni
<https://smarterbridge.skillsnetwork.org/verify/cert/7240ca3b> Founder & CEO
4686-4466-4-688-114677889246 The SmartBridge


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryl (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

57



 **Smart
Internz**

 **N-E-A-T**
Enabling the next future
National Educational Alliance for Technology

Externship Certificate

This to certify that

KALYANI BOGARAM

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5856

October 21, 2021

Issued Date

Jayaprakash. Ch
Program Manager




Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

58



**Smart
Internz**

N·E·A·T
National Educational Alliance for Technology

Externship Certificate

This to certify that

C.Hema latha

has successfully completed the externship program on **Internet of Things (IoT)** powered by **IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4804

August 26, 2021

Issued Date

Jayaprakash, Ch
Program Manager



Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

60



This is to certify that

chepuri lavanya

has completed all courses in the learning path

**Conversation
Engine for Deaf
and Dumb using
IBM Watson**

a learning path on smartbridge.skillsnetwork.site

Powered by **IBM Developer Skills Network**

Issued by
The SmartBridge

Rav Ahuja
Program Director
Skills Network, IBM

Issued on:

June 17, 2021

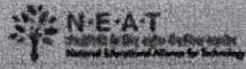
PRINCIPAL
Anjali College of **amulga**
Chervai (V), Keesara (M), Medchal Dist. (T) 501 501

Authenticity of this certificate can be validated by going to: Amarendra Katkam
<https://smartbridge.skillsnetwork.site/certificates/fa972ca1-Founder & CEO>
aead-48e3-9e0e-488d54ffdbbf TheSmartBridge

61



Smart Internz



N-E-A-T
National Educational Alliance for Technology

Externship Certificate

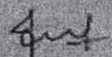
This to certify that

CH.VINEESHA

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4940

August 31, 2021
Issued Date


Jayaprakash Ch
Program Manager




PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

62



Smart Internz



Externship Certificate

This to certify that

CHAVARTHI SWETHA SREE

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5144

September 14, 2021

Issued Date

Jayaprakash Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 307

64



This is to certify that

G. Gayathri

has completed all courses in the learning path

Conversation Engine for Deaf and Dumb using IBM Watson

a learning path on smartbridge.skillsnetwork site

Powered by IBM Developer Skills Network

Issued by
The SmartBridge

Conversation Engine for Deaf and Dumb using IBM Watson consists of the following courses:

- Design Thinking
- DevOps Fundamentals
- Agile Training Module

Rav Akshay
Program Director
Skills Network, IBM

Issued on

June 16, 2021

Anurag Kulkarni
Founder & CEO
TheSmartBridge

Authenticity of this certificate can be validated by going to:

<http://smartbridge.skillsnetwork.com/certificate/7762626-7395-41e1-b1e3-35162efccae7>

PPM CPAL
Geethanjali College of Engg. and Tech.
Cheyral (V), Keesara (M), Medchal Dist (R.S.)-501 301.

65

7/6/2021

SmartBridge



This is to certify that

Srividya Gorti

has completed all courses in the learning path

Smart connected Signs for Improved Road Safety with IBM Cloud

a learning path on smartbridge.skillsnetwork.site

Powered by **IBM Developer Skills Network**

Issued by

The SmartBridge

Rav Ahuja
Program Director
Skills Network, IBM

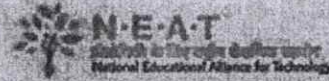
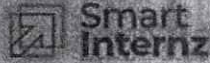
Issued on:

July 06, 2021

Authenticity of this certificate can be validated by going to:
<https://smartbridge.skillsnetwork.site/certificates/1e1ec59f-e5d6-485a-ba97-fcb035678ba9>

Amrendra Kulkarni
Founder & CEO
TheSmartBridge

PRINCIPAL
Geethanjali College of Enng. and Tech.
Cheerpal (R), Anasara (M), Modchal Dist.(I.S.)-501 301.



Externship Certificate

This to certify that

AMRUTHA SAI Gadupudi

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4884

August

26, 2021

Issued
Date

Jayaprakash.
Ch

Program
Manager

August 26, 2021

Date

Jayaprakash. Ch
Program Manager

67



Project Completion Certificate

This certifies that

Ganta Kusuma Clayton

has successfully completed the project titled "Data Scraping" with expected outcome using


Blue Prism Tool

Certificate ID : PC-RPA-2021-0017

Approved By

Team SmartInternz

September 9, 2021


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeray (W), Aesara (Dt), Medchal Dist (T.S.) 501 301.

IBM Developer Skills Network
IBM Developer Skills Network
IBM Developer Skills Network
IBM Developer Skills Network
IBM Developer Skills Network
IBM Developer Skills Network
IBM Developer Skills Network
IBM Developer Skills Network



This is to certify that

G. Harini

has completed all courses in the learning path

Natural gas price prediction system using IBM Watson machine learning service

a learning path on smartbridge.skillsnetwork.site

Powered by IBM Developer Skills Network

Issued by

The SmartBridge

Natural gas price prediction system using IBM Watson machine learning service consists of the following courses:

- Design Thinking
- Dev-Ops Fundamentals
- Agile Training Module

Zar Akhla
Program Director
Skills Network IBM

Issued on:

June 16, 2021

Authenticity of this certificate can be validated by going to:
<http://smartbridge.skillsnetwork.site/certificate/90762041-4c12-4649-a138-4c4e22856c36>

Anamender Kulkarni
Founder & CEO
The SmartBridge

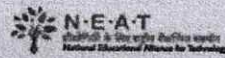
Geethanjali College of Engg. and Tech.
Cheerjal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

CONTENTS

Page No.



Smart Internz



Externship Certificate

This to certify that

KANAKARI AKASH

has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4927

August 27, 2021

Issued Date

Jayaprakash. Ch
Program Manager



PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Kaesara (M), Madchal Dist.(T.S.)-501 307.

72

Industry/Company Certificate

M UNIVERSITY OF MICHIGAN

06/19/2020

Bharatha Sandeep Kumar

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera

Chell

Chell
Assistant Professor, School of Information
University of Michigan

COURSE CERTIFICATE

EDUCATION FOR EVERYONE
COURSERA
COURSE CERTIFICATE

Verify at coursera.org/verify/QRU Ed.N FZEET
Coursera has confirmed the identity of this individual and their participation in the course.

Principal
PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeraj (V), Kamsara (M), Medchal Dist. (TS.)-508 008.

73



Externship Certificate

This to certify that

Pavan Prathik

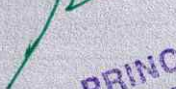
has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4966

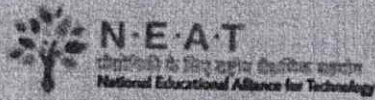
September 02, 2021

Issued Date

Jayaprakash. Ch
Program Manager


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerai (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

75



Externship Certificate

This to certify that

**KAMPATI NAITHIKA
SREE NAITHIKA SREE**

has successfully completed the externship program on **Robotics Process Automation** powered by **Blue Prism** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-RPA-2021-4959

August 31, 2021

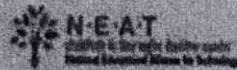
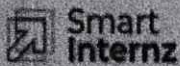
Date

Jayaprakash. Ch

Program
Manager

Principal
Geethanjali College of Engineering
Cheeryal (V), Keesara (M), Mahabubnagar (T)

77



Externship Certificate

This to certify that

LAGGANI SANDEEP

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-6822

October 18, 2021

Issued Date

Jayaprakash Ch
Program Manager

(Handwritten signature)
Center for AI, Data, and Tech.
Chennai, India. Contact: (91) 984 301 301.

78



Smart
Internz



Externship Certificate

This to certify that

MADIRA AMULYA

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5387

September 27, 2021

Issued Date

Jayaprakash Ch
Program Manager



PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheriyal (V), Kasara (M), Medchal Dist. (T.S.)-501 301.

79 88



Externship Certificate

This to certify that

Mallela Akhila

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4885

August 26, 2021

Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerla (V), Anaparthi (M), Nellore District, Andhra Pradesh

80



Externship Certificate

This to certify that

M. SRINIVAS

has succeeded
by IBI'

program on **Artificial Intelligence powered**
and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5146

September 14, 2021

Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

81



Externship Certificate

This to certify that

Manglaram kavya

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5302

September 24,

2021

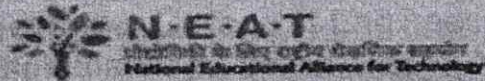
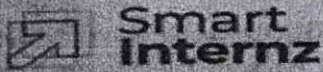
Date

Jayaprakash. Ch

Program
Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist. (T.S.)-507 307.

83



Externship Certificate

This to certify that

N NAVEEN KUMAR
NAVEEN KUMAR

has successfully completed the externship program on Robotics Process Automation powered by Blue Prism from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-RPA-2021-5840

October
20,
2021
Issued
Date

Jayaprakash.
Ch
Program
Manager

October 20, 2021
Date

Jayaprakash. Ch
Program
Manager

PRINCIPAL
Geethanjali College of Engg. and Techn.
Cheerayal (V), Keerasa (M), Medchal Dist.(T.S.)-501 301.



This is to certify that

NOORBASHA SALMAN VALI

has completed all courses in the learning path

**Predicting Employee Attrition using
Random Forest with IBM Cloud**

A learning path on smartbridge skillsnetwork Kalra

Powered by IBM Developer Skills Network

Issued by
The SmartBridge

Ravindra
Program Director
Skills Network, IBM

Issued on:

June 16, 2021

Amarendra Kulkarni
Founder & CEO
The SmartBridge

Authenticity of this certificate can be validated by going to
<https://smartbridge.skillsnetwork.ibm.com/certificates/2921621-2921-1011-1003-ed3554c1d079>



Externship Certificate

This to certify that

NOORBASHA SALMAN VALI

has successfully completed the externship program on **Artificial Intelligence**
powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work
requirements.

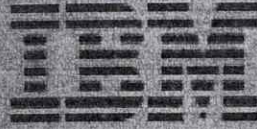
Certificate ID: Ext-AI-2021-5058

September 09, 2021

Issued Date

Jayaprakash Ch
Program Manager

85



This is to certify that

Paila Akshaya

has completed all courses in the learning path

Personal assistance for independent Senior Citizens using IBM Cloud

a learning path on smarterbridge.skillsnetwork.ibm.com

Powered by IBM Developer Skills Network

Issued by


The SmartBridge

Ravi Akshay
Program Director
Skills Network, IBM

Issued on:
July 21, 2021

Authenticity of this certificate can be validated by going to
<https://smarterbridge.skillsnetwork.ibm.com/certificate/FF74289c-660f-4706-b7ab-33c006a2564>

Anandhar Kulkarni
Founder & CEO
The SmartBridge


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

86



PROJECT COMPLETION CERTIFICATE

THIS CERTIFIES THAT

JASWANTH PARUCHURI

has successfully completed the project titled
"Predicting Employee Attrition using Random Forest with IBM Cloud"
with expected outcome.

APPROVED BY

TEAM SMARTINTERNZ

September 24, 2021



Verify at: https://smartinternz.com/guided_projects/certificates/3948ead63a9f2944218de038d8934305

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 307.

88



Externship Certificate

This to certify that

P HEMANTH

has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-5288

September 16, 2021

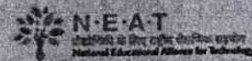
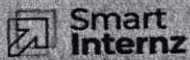
Issued Date

Jayaprakash Ch
Program Manager



Geethanjali College of Engg. and Tech.
Cheerla (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

90



Externship Certificate

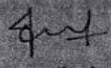
This to certify that

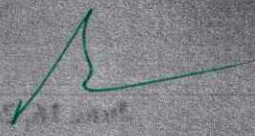
MANASA VEENA

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5823

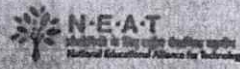
October 18, 2021
Issued Date


Jayaprakash Ch
Program Manager


Goethanjan College of Arts, Science, and Tech,
Cheerjal (V), Keasara (M), Medchal Dist (T.S.)-501 301.

I, the
and
Dr.
up t
Elec
(Ass
succ
sinc
field

91



Externship Certificate

This to certify that

S.G.SURUPA

has successfully completed the externship program on **Internet of Things** powered by **IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4952

August 31, 2021

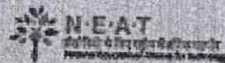
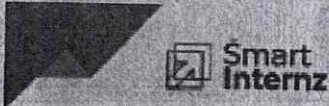
Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist. (T.S.) 501 301.

92

Industry/Company Certificate



Externship Certificate

This to certify that


SAHITH REDDY P

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-6624

October 18, 2021

Issued Date

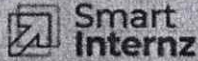

Jayaprakash Ch
Program Manager



Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

93

Industry/Company Certificate



Externship Certificate

This to certify that

SAI HARSHITH REDDY MUTHANI

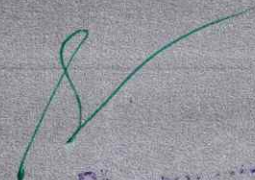
has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-Web-2021-4831

August 23, 2021

Issued Date

Jayaprakash. Ch
Program Manager


Beethanjali College of Engg. and Tech.
Cheerla (V), Keesara (M), Medchal Dist. (T.S.)-501 301.

94



Externship Certificate

This to certify that

Sangoju Sriram Chary

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4941

August 31, 2021

Issued Date

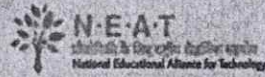
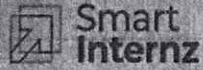
Jayaprakash Ch
Program Manager



PRINCIPAL
Geethanjali College of Engg. and Tech.
Chocryal (V), Kasara (M), Medchal Dist.(T.S.)-501 301.

Industry/Company Certificate

96



Externship Certificate

This to certify that

V.Sumanth Kumar Reddy

has successfully completed the externship program on **Artificial intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-Web-2021-4832

August 23, 2021

Issued Date

Jayaprakash. Ch
Program Manager

(Handwritten mark)

97



Externship Certificate

This to certify that

VENNA KAUSHIK RAM KOTESHWAR

has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4908

August 26, 2021

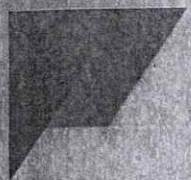
Issued Date

Jayaprakash Ch

Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerayal (V), Keesara (M), Medchal Dist. (T.S.)-501 301.

98



Externship Certificate

This to certify that

Vurenuka Anusha

has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.


Certificate ID: Ext-IOT-2021-5147

September 14, 2021

Issued Date

Jayaprakash. Ch
Program Manager




PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerla (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

102



Externship Certificate

This to certify that

AKHIL Velidandi


has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4930

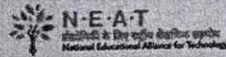
August 27, 2021

Issued Date

Jayaprakash. Ch
Program Manager


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeray (M. Keesara (M), Medchal Dist.(R.S.) 501 301.

104



Externship Certificate

This to certify that

A.R.A.PRATHYUSHA

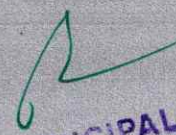
has successfully completed the externship program on **Internet of Things powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-5691

October 05, 2021

Issued Date

Jayaprakash. Ch
Program Manager


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keosara (M), Madchal Dist.(T.S.)-501 301.

105

Industry/Company Certificate



Externship Certificate

This to certify that

Arugonda Karthikeya

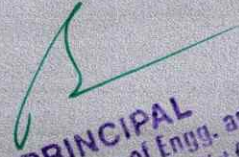
has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4833

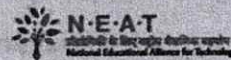
August 23, 2021

Issued Date

Jayaprakash. Ch
Program Manager


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerla (V), Kessara (M), Medchal Dist.(T.S.)-501 301.

106



Externship Certificate

This to certify that

SUPREETH AVULA

has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

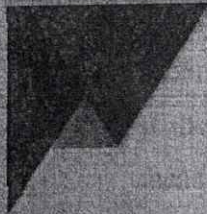
Certificate ID: Ext-IOT-2021-5289

September 16, 2021
Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keasara (M), Medchal Dist (T.S.)-501 301.

109



**Smart
Internz**



Externship Certificate

This to certify that

Boda Niharika

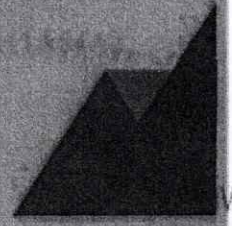
has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-5298

September 21, 2021

Issued Date

Jayaprakash. Ch
Program Manager



Go to

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerla (V), Keesara (M), Medchal Dist (P.S.)-501 301.



110

Externship Certificate

This to certify that

SHARMILA Bogadhi

has successfully completed the externship program on **Internet of Things powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-5690

October 05, 2021

Date

Jayaprakash. Ch
Program
Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerayal (V), Keerthi (M), Meichal Dist (T.S.)-501 301.

AI-CROP PRODUCTION ANALYSIS USING IBM COGNOS DASHBOARD



Smart Internz



Externship Certificate

This to certify that

VENKATESH BOTTUPALLI

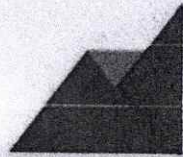
has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5939

October 29, 2021

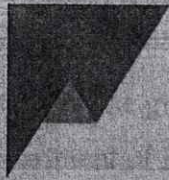
Issued Date

Jayaprakash. Ch
Program Manager



PRINCIPAL and Tech.
Geethanjali College
Cherial (V), Keesara (M), Medchal

AI CROP PRODUCTION ANALYSIS USING IBM COGNOS DASHBOARD



**Smart
Internz**



Externship Certificate

This to certify that

CH.ARCHANA ROY

has successfully completed the externship program on **Artificial Intelligence** powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4834

August 23, 2021

Issued Date

Jayaprakash.Ch
Program Manager



PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keasara (M), Medchal Dist.(T.S.)-501 301.

AI-CROP PRODUCTION ANALYSIS USING IBM COGNOS DASHBOARD



Externship Certificate

This to certify that

CHETTY VASAVI

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

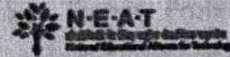
Certificate ID: Ext-AI-2021-5919

October 27, 2021

Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Manchal Dist. (TS)-501 301.



Externship Certificate

This to certify that

AJAY

has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4909

August 26, 2021

Issued Date

Jayaprakash.Ch
Program Manager

PRINCIPAL
Geethanjali College of Egg. and Tech.
Cheeryl (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

116



Smart
Internz



NEAT
National Educational Alliance for Technology

Externship Certificate

This to certify that

G SHREE CHANDANA

has successfully completed the externship program on Internet of Things (IoT) powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4910

August 26, 2021

Issued Date

Jayaprakash Ch
Program Manager



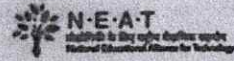

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerla (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

CONTENTS

118



Smart Internz



Externship Certificate

This to certify that

Ghanta shirisha

has successfully completed the externship program on Artificial Intelligence from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-Web-2021-4963

September 02, 2021

Issued Date

Jaya Prakash Ch
Program Manager

Chapter 1. Introduction	1
Chapter 2. Technical details of Internship done	2
2.1 Block diagram	3
2.2 Flow Chart	6
2.3 Methodology followed	7
2.4 Skills acquired during Internship	8
Chapter 3. Results	10
Chapter 4. Conclusion	16
Chapter 5. Future Scope	16
References	17

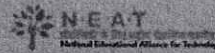
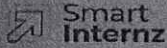
PRINCIPAL
Geethanjali College of Engg. and Tech
Chervai (V), Keerasa (M), Medchal Dist.(T.S.)-501 301.

119

PRINCIPAL
Goethanjali College of Engg. and Tech.
Cheeraj (V), Koppal (M), Madhwal Dist.(T.S.)-501 301.

10/20/21, 7:25 PM

Certificates



Externship Certificate

This to certify that

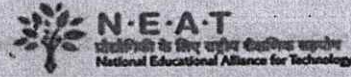
G. NITISH KUMAR

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5849

October 20, 2021
Issued Date

Jayaprakash. Ch
Program Manager



Externship Certificate

This to certify that

K.Wilson Samuel

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5850

October 20, 2021

Date

Jayaprakash. Ch
Program
Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keasara (M), Medchal Dist.(T.S.)-501 301.

121



Externship Certificate

This to certify that

KALLA PRANEETH KUMAR


has successfully completed the extarnship program on Internet of Things (IoT) powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4911

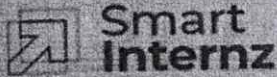
August 26, 2021

Issued Date

Jayaprakash. Ch
Program Manager


PRINCIPAL
Geethanjali Collage of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

122



Externship Certificate

This to certify that

KALVA LAHARI

has successfully completed the externship program on **Internet of Things powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-5307

September 24, 2021

Date

Jayaprakash. Ch

Program
Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keosara (M), Medchal Dist. (T.S.) 501 301.

125



Externship Certificate

This to certify that

KUDUCHELLA MANOHAR


has successfully completed the externship program on Internet of Things (IoT) powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4912

August 26, 2021

Issued Date

Jayaprakash Ch
Program Manager


PRINCIPAL

Goethanjali College of Engg. and Tech.
Cheeryal (V), Keasara (M), Medchal Dist. (T.S.)-501 301.



This is to certify that

Kuja uday sri

has completed all courses in the learning path

**Sentiment Analysis of
Customer Feedback on
Restaurants Using
IBM Cloud**

a learning path on smartbridge.skillsnetwork.site

Powered by IBM Developer Skills Network

Issued by

The SmartBridge

Rav Ahuja
Program Director
Skills Network, IBM

Issued on:

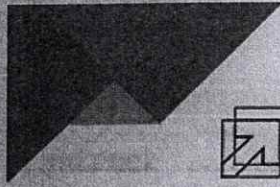
June 16, 2021

Authenticity of this certificate can be validated by going to:
<https://smartbridge.skillsnetwork.site/certificates/64a0bd95-2165-49b4-b1a2-6e65374621e0>

Amarendra Kulkarni
Founder & CEO
TheSmartBridge

Principal
Gyan Ganga College of Engineering
Chennai, Tamil Nadu, India

127



Smart Internz



N·E·A·T
प्रौद्योगिकी के लिए राष्ट्रीय वैश्विक सहयोग
National Educational Alliance for Technology

Externship Certificate

This to certify that

M.Sai Sarath Chandra

has successfully completed the externship program on **Internet of Things powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4953

August 31,
2021

Issued Date

Jayaprakash.
Ch
Program
Manager

Chapter 1. Introduction	1
Chapter 2. Background	1
Chapter 3. Block diagram	1
Chapter 4. Hardware	1
Chapter 5. Software followed	1
Chapter 6. Skills acquired during Internship	1
Chapter 7. Results	1
Chapter 8. Conclusions	19
Chapter 9. Future Scope	20
References	20

PRINCIPAL
Gouthanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 309.

128

ACKNOWLEDGEMENT



Smart Internz



Externship Certificate

This to certify that

M.SATHWIK SAI

has successfully completed the externship program on **Internet of Things powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-5290

September 16, 2021

Issued Date

Jayaprakash.Ch
Program Manager

With Regards,

Mahadevapuram Sathwik sai

19R11A64C1

PRINCIPAL
Geethanjali College of Engg. and Tech.
Chaayal (V), Kaasara (M), Medchal Dist.(T.S.)-501 301.

129



PROJECT COMPLETION CERTIFICATE

THIS CERTIFIES THAT

**MAHESHWARA SAI VEERA
SAMPATH**

has successfully completed the project titled
"Intelligent Access control system for safety critical areas"
with expected outcome.

APPROVED BY

TEAM SMARTINTERNZ

September 28, 2021

Verify at: https://smartinternz.com/guided_projects/certificates/cf1f78fe923afe05f7597da2be7a3da8

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerayal (V), Kacurra (M), Madchal Dist. (T.S.)-501 309.

130

ACKNOWLEDGEMENT



Externship Certificate

This to certify that

VAMSHI KRISHNA

has successfully completed the externship program on **Internet of Things powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-5292

September 18, 2021

Date

Jayaprakash. Ch
Program
Manager

Dr. G. Venkatesh Reddy
Cheerla V. Lakshmi
Department of Engg. & Tech.
Machilipatnam

VERZEO

Certificate Of Course Completion

Taha Raheel

has successfully completed Machine Learning with Python
from 01-05-2021 to 30-06-2021.

During this course, we found the student to be a keen and enthusiastic candidate.



Athullitha

P. Athullitha
Course Co-ordinator

T. Nikhil

T. Nikhil
Academic Head

Verified Certificate

A verified certificate from verzeo can provide a proof for
a student or other Institution, an employer or other Institution
that you have successfully completed an online course.

Certificate ID: 84709373
Date: 28-07-2021

[Signature]

PRINCIPAL
Gaathanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301

133



Externship Certificate

This to certify that

TARUN RAJ

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5858

October 21, 2021

Issued Date

Jayaprakash Ch

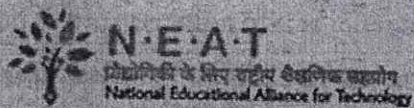
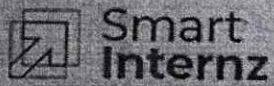
Program Manager

PRINCIPAL

Chennajil College of Engg. and Tech.
Cheruvu (V), Keeravani (M), Medchal Dist.(T.S.)-501 301.



134



Externship Certificate

This to certify that

SAI TEJASVI KOTHA

has successfully completed the externship program on **Internet of Things** powered by **IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-5148

September 14,

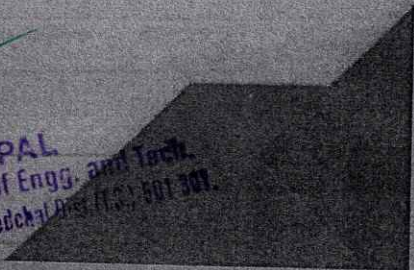
2021

Date

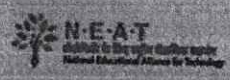
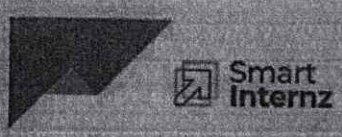
Jayaprakash. Ch

Program
Manager

PRINCIPAL
Goethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (SD), Medchal-DRS (R.D.) 501 301.



135



Externship Certificate

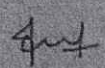
This to certify that

ADITYA MADICHETTY

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5056

September 08, 2021
Issued Date


Jayaprakash Ch
Program Manager




PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheruvu (V), Keeravani (R), Medchal Dist.(T.S.)-501 301.

136



Externship Certificate

This to certify that

NEELA MEGHANA GOVARDHANAM

has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4954

August 31, 2021

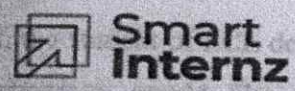
Issued Date

Jayaprakash. Ch

Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerayal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

ACKNOWLEDGEMENT



Externship Certificate

This to certify that

NISHANTH POLKAMPALLY

has successfully completed the
externship program on **Internet of
Things powered by IBM** from 23 April
2021 to 31 May 2021 and fulfilled the
project work requirements.

Certificate ID: Ext-IOT-2021-5689

October 05,
2021
Date

Jayaprakash.
Ch
Program
Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Phaeryal (V), Keerthi (M), Medchal Dist (T.S.)-501 301.

138

VERZEO

Certificate Of Course Completion

P.Shashi Vignesh

has successfully completed Hybrid & Electric Vehicle
from 01-05-2021 to 30-06-2021.

During this course, we found the student to be a keen and enthusiastic candidate.



Athulitha

P. Athulitha
Course Co-ordinator

✓ Verified Certificate

A verified certificate from verzeo can provide a proof for
a student or other institution, an employer or other institution
that you have successfully completed an online course.

Certificate ID: 4182576548
Date: 28-07-2021

T. Nikhil

T. Nikhil
Academic Head

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerayal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

139



Externship Certificate

This to certify that

SUMAN POTHAMSHETTY

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5304

September 24, 2021

Issued Date

Jayaprakash. Ch
Program Manager

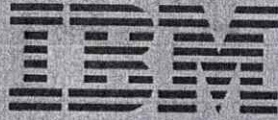
PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerayal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

SMARTHOME ASSISTANT WITH IBM CLOUD

140

7/8/2021

SmartBridge



This is to certify that

P SAI GANESH

has completed all courses in the learning path

**Smart Home
Assistant with
IBM Cloud**

a learning path on smartbridge.skillsnetwork.site

Powered by IBM Developer Skills Network

Issued by

The SmartBridge

Rav Ahuja
Program Director
Skills Network, IBM

Issued on:

July 08, 2021

Authenticity of this certificate can be validated by going to: Amarendra Katkam
<https://smartbridge.skillsnetwork.site/certificates/33e05410-8e5e-4ec0-aa18-540103e1b1e> Founder & CEO
TheSmartBridge

PRINCIPAL
Geethanjali College of Engg. and Tech.
Chesryal (V), Kausara (M), Madhav Dist.(T.S.)-501 301.



Externship Certificate

This to certify that

SHASHANKA REDDY

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5825

October 18, 2021

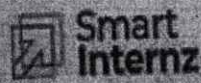
Issued Date

Jayaprakash. Ch

Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheruvu (V), Kaasara (M), Manchal Dist. (T.S.)-501 301

142



Externship Certificate

This to certify that

R. VANI Kumari

has successfully completed the externship program on Artificial Intelligence from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-Web-2021-4964

September 02, 2021

Issued Date

Jayaprakash.Ch.
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Chervyl (M), Keesara (M), Medchal Dist. (T.S.)-501 301.

143



Externship Certificate

This to certify that

S.DEERAJ Yadav

has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-5688

October 05, 2021

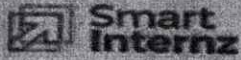
Issued Date

Jayaprakash. Ch
Program Manager



PRINCIPAL
Geethanjali College of Egg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.) 501 301.

145



Externship Certificate

This to certify that

SHRUTI SINGH


has successfully completed the externship program on Internet of Things (IoT) powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4913

August 26, 2021

Date

Jayaprakash Ch
Program
Manager


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerayal (V), Keesara (M), Medchal Dist. (T.S.)-501 301.

146



Externship Certificate

This to certify that

Siddanth Chandra Udutha

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5832

October 19, 2021

Issued Date

Jayaprakash. Ch
Program Manager


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (TA), Medchal Dist. (T.S.)-501 201

147

VERZEO

Certificate Of Course Completion

T.Harsha Sai Tarang

has successfully completed Machine Learning with Python
from 01-05-2021 to 30-06-2021.

During this course, we found the student to be a keen and enthusiastic candidate.



Athulitha
P. Athulitha
Course Co-ordinator

T. Nikhil
T. Nikhil
Academic Head

Verified Certificate

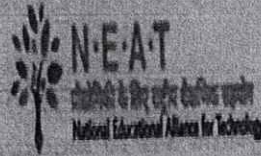
A verified certificate from verzeo can provide a proof for
a student or other institution, an employer or other institution
that you have successfully completed an online course.

Certificate ID: 4047822918
Date: 28-07-2021

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 101.

[Handwritten signature]

148



Externship Certificate

This to certify that

Sahaja Reddy

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4836

August 23, 2021

Issued Date

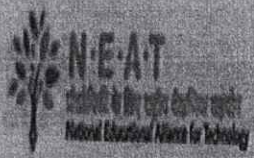
Jayaprakash.Ch

Program Manager

PROVIDED
Geemanshan College of Engg. and Tech
Chennai (W. Karur) Dist. (T.S.) 601 307



149



Externship Certificate

This to certify that

Vadloori Jaya sri

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4886

August 26, 2021

Issued Date

Jayaprakash. Ch
Program Manager



Principal
Geethanjali College of Engg. and Tech.
Cheruvu (V), Keesara (R), Medchal Dist. (T.S.)-501 501

150
Digital Marketing

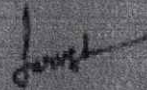
INTERNSHALA TRAININGS

Certificate of Training

Praksh Reddy,

has successfully completed a eight weeks online training on **Digital Marketing**. The training consisted of Blogging & Web Analytics, Search Engine Optimisation, Email Marketing, Inbound and Content Marketing, Online Advertising - Search, Display and Video, Mobile Marketing and Social Media Marketing - Platforms, CRM & Automation modules.

We wish Praksh all the best for the future.



Sarvosh Agarwal

FOUNDER & CEO, INTERNSHALA

InterShala Trainings Pvt. Ltd. | GATEWAY TO DIGITAL MARKETING CAREERS | 100, 10th Floor, 10th Avenue, Jayanagar, Bangalore

For certificate verification, please visit https://www.intershala.com/verify_certificate

PRINCIPAL
Boothanjali College of Engg. and Tech.
Cheruvu (V), Kambala (AO), Mandhal Dist. (K.S.) 501 399.

151



Externship Certificate

This to certify that

Sandhya Yenimireddy

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4837

August 23, 2021

Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerla (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

Certificate of Completion

This certificate is proudly presented to

Armulla Nikhil

for successfully completing the
Ethical Hacking Course,
an online learning initiative by



on
May 24, 2021

With Regards,
Armulla Nikhil
20R15AD441

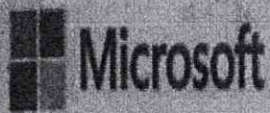
Rahul Varma
Rahul Varma
Chief Executive Officer

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Kootara (M), Medchal Dist. (T.S.)-501 101

Narayanan S
Narayanan S
Chief Business Officer



153



futureskills

NASSCOM

futureskills
— prime

CERTIFICATE

MYADAVENI NANDA KISHORE

PARTICIPATED IN

Microsoft AI Classroom Series

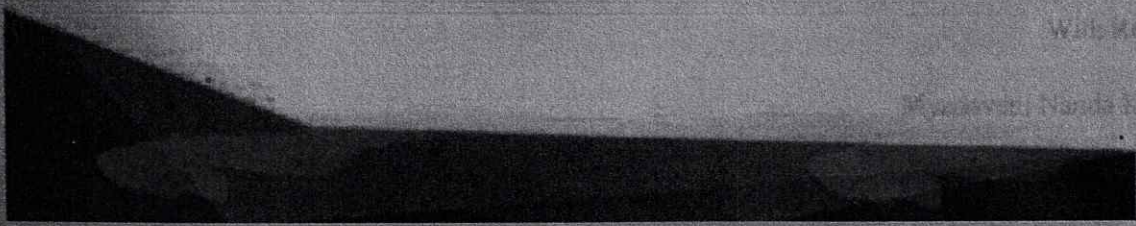
Rohini Srivathsa

Rohini Srivathsa
National Technology Officer
Microsoft India

Amit Aggarwal

Amit Aggarwal
CEO IT TeS SSC
NASSCOM

05-05-2021
Date of issue



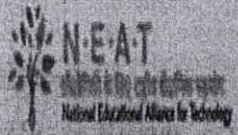
PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist. (T.S.)-501 301.

Dept of ECE , GCET

154



Smart Internz



Externship Certificate

This to certify that

PR CHAITANYA

has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4930

August 27, 2021

Issued Date

Jayaprakash.Ch
Program Manager

With Regards,
P. R. Chaitanya
2021-08-27



PRINCIPAL
Geethanjali College of Engg. and Tech,
Cheeryal (V), Keerasa (M), Medchal Dist.(T.S.)-501 301.

155



Externship Certificate

This to certify that

RAMCHETTY SAMANTH RAJ

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4942

August 31, 2021

Issued Date

Jayaprakash. Ch

Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Chooryal (V), Keesara (M), Medchal Dist. (T.S.)-501 301.

156

PRINCIPAL
Geethanjali College of Engg. and Tech.
Chennai (V), Keerasa (M), Madurai Dist. (T.S.), 625 001.



 **Smart Internz**

 **N.E.A.T**
National Educational Alliance for Technology

Externship Certificate

This to certify that

VINAY KUMAR

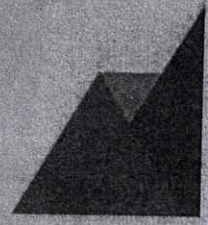
has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4958

August 31, 2021

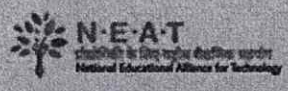
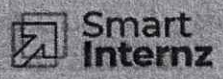
Issued Date

Jayaprakash Ch
Program Manager



157

Industry/Company Certificate



Externship Certificate

This to certify that

BAKI REDDYGARI MADHAVI

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4943

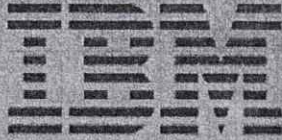
August 31, 2021

Issued Date

Jayaprakash. Ch
Program Manager



PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Kaesara (M), Medchal Dist.(T.S.)-501 301.



This is to certify that

Bathini Harini

has completed all courses in the learning path

**COVID'19 Analysis Using
IBM Cognos Dashboard**

a learning path on smartbridge.skillsnetwork.site

Powered by IBM Developer Skills Network

Issued by

The SmartBridge

Rav Ahuja
Program Director
Skills Network, IBM

Issued on:

June 16, 2021

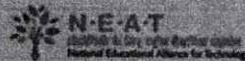
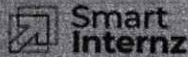
Anamender Karkam
Founder & CEO
TheSmartBridge

Authenticity of this certificate can be validated by going to:

<https://smartbridge.skillsnetwork.site/certificates/a99af459-be6c-431d-90f3-12f1635ad85>

PRINCIPAL
Beethanjali College of Engg. and Tech.
Cheriyal (V), Hossara (M), Medchal Dist. (TS.)-501 303.

159



Externship Certificate

This to certify that

BEERAM ANKITHA MANISRI

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

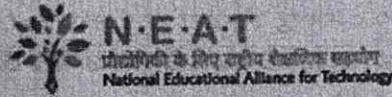
Certificate ID: Ext-AI-2022-5826

October 18, 2021

Issued Date

Jayaprakash, Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (2B), Medchal Dist (S.S.)-501 301.



160

Externship Certificate

This to certify that

**manichandan reddy
Bhumpalli**

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4887

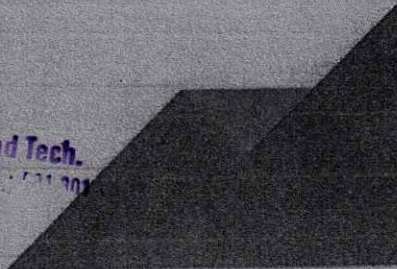
August 26, 2021

Date

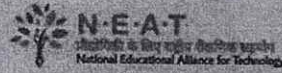
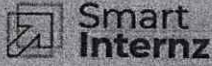
Jayaprakash. Ch

Program
Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerla (V), Keesara (M), Medchal Dist. (T.S.)



161



Externship Certificate

This to certify that

RAMYASRI BISADI

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4944

August 31, 2021

Issued Date

Jayaprakash. Ch
Program Manager

August 31, 2021

Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Chowryal (V), Keesara (M), Medchal Dist. (R) 501 201.

162



Externship Certificate

This to certify that

Cheerla Akshitha

has successfully completed the externship program on Artificial Intelligence powered by IBM from
23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4888

August 26, 2021

Issued Date

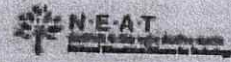
Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg and Tech
Bhadrachalam (V), Rameswaram (M), Madhavaram Dist. (A.S.)-507 301

164



Smart Internz



Externship Certificate

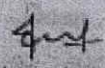
this to certify that

CHILKURI SRUTHI

has successfully completed the externship program on Artificial Intelligence powered by IBM from 22 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5334

October 18, 2021
Issued Date


Jayaprakash Ch
Program Manager



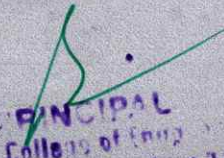
CEET

De

IBM p
fulfillin
Electro
through

Assoc

Dr. S
Hod


PRINCIPAL
Sri Venkateswara College of Engineering
Vengal Rao Nagar, Anaparthi, District: West Godavari

166



Smart Internz

N-E-A-T
National Educational Alliance for Technology

Externship Certificate

This to certify that

D Rajesh reddy

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5870

October 22, 2021

Issued Date

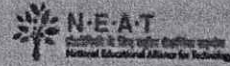
Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerayal (V), Keesara (M), Medchal Dist. (R.S.)-501 301.

170



**Smart
Internz**



N-E-A-T

National Educational Alliance for Technology

Externship Certificate

This to certify that

Vardhan Gaddam

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5859

October 21, 2021

Issued Date

Jayaprakash, Ch
Program Manager



PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keosara (AO), Medchal Dist. (T.S.) 501 301.

171



Smart Internz



Externship Certificate

This to certify that

Spandhan Reddy

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4838

August 23, 2021

Issued Date

Jayaprakash, Ch
Program Manager

Spandhan Reddy
Student, Department of ECE, JNTU
Kalyan, Hyderabad, India

172



Smart Internz



N-E-A-T

NATIONAL EDUCATIONAL AGENCY FOR TECHNOLOGY

Externship Certificate

This to certify that

Siva krishna Goriparthi

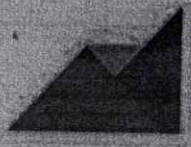
has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5851

October 20, 2021

Issued Date

Jayaprakash, CH
Program Manager



Goriparthi Siva Krishna (992) 1234567

APPROVED
For the Director of FHEE, Madhya Pradesh
Date: 20/10/2021

ACKNOWLEDGEMENT

...of Government College of Engineering of technology in the stream Electronics
...sincerely expressing my sincere gratitude to the Principal
...and Chairman Dr. C. H. Ravinder Reddy for their encouragement to



Smart Internz



Externship Certificate

This to certify that

Guttula tejo vani

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4839

August 23, 2021

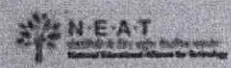
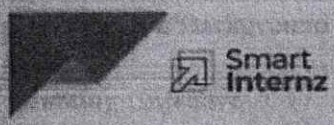
Issued Date

Jayaprakash Ch
Program Manager



... ..
... ..
... ..

174



Externship Certificate

This to certify that

Harshavardhan Sai

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4945

August 31, 2021

Issued Date

Joyprakash Ch
Joyprakash Ch
Program Manager



- 1.1 Python
- 1.2 Python for Data Science
- 1.3 Data Preprocessing
- 1.4 Supervised Machine Learning Algorithms - Regression
- 1.5 Artificial Neural Networks
- 1.6 Evolutionary Neural Networks
- 1.7 Natural Language Processing
- 1.8 Recurrent Neural Networks
- 1.9 Flask App Development

For a recent details of Internship visit
www.ibm.com

By: *[Signature]*

Issued during Internship: *[Signature]*

[Signature]
PRINCIPAL
Sri Sai College of Engg & Tech
Vijaya Vittala University, Hampi, Karnataka

177



**Smart
Internz**

N-E-A-T
National Educational Alliance for Technology

Externship Certificate

This to certify that

K Abhinav

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5880

October 25, 2021

Issued Date

Jayaprakash.Ch
Program Manager




PRINCIPAL
Gouthanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 307.

178



Externship Certificate

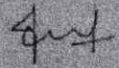
This to certify that

DIVYA REDDY

has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4955

August 31, 2021
Issued Date


Jayaprakash. Ch
Program Manager




PRINCIPAL
Deethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist. (T.S.)-501 301.

180



Smart Internz

NEAT
National Educational Alliance for Technology

Externship Certificate

This to certify that **KETHIREDDY UDAY KIRAN**

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4946

August 31, 2021

Issued Date

Jayaprakash. Ch
Program Manager

Kethireddy Uday Kiran

has completed all courses in the learning path

Music Genre Classification
Using Machine Learning

A learning path on SmartBridge Skillnet work site
Powered by IBM Developer Skills Network

The SmartBridge

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheruvu (N), Keeravani (M), Madhwal Dist. (T.S.)-501 301.

181



Smart Internz

N·E·A·T
National Educational Alliance for Technology

Externship Certificate

This to certify that

PRAVAN

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5700

October 05, 2021

Issued Date

Jayaprakash. Ch
Program Manager

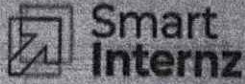
Unstructured
Using Machine
Learning

The SmartIndia

April 14, 2021

PRINCIPAL
Geethanjali College of Engg. and Tech.
Choeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

182



Externship Certificate

This to certify that

SAMHITHA Marri

has successfully completed the externship program on **Artificial intelligence** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-Web-2021-4840

August 23, 2021

Date

Jayaprakash.
Ch

Program
Manager

PRINCIPAL

Gouthanjali College of Engg. and Tech.
(Chennai - 22), Kumbakonam (TN), Madhavai Dist., (K.A.) 2021



Inspiring and empowering future professionals

Md Abdullah Quadri Data Analytics Consulting Virtual Internship

Certificate of Completion
October 21st, 2021

183

Over the period of October 2021, Md Abdullah Quadri has completed practical task modules in:

- Data Quality Assessment
- Data Insights
- Data Insights and Presentation

Deborah Yates
National Managing
Partner People
Performance and
Culture

Tom Brunskill
CEO, Co-Founder of
Forage

184



**Smart
Internz**



Externship Certificate

This to certify that

M.SHIVANI

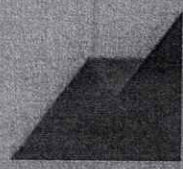
has successfully completed the externship program on Internet of Things (IoT) powered
by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4915

August 27, 2021

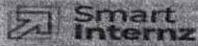
Issued Date

Jayaprakash. Ch
Program Manager



PRINCIPAL
Goethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

186



Externship Certificate

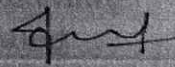
This to certify that

MUSKU SRIJA

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.


Certificate ID: Ext-AI-2021-4947

August
31, 2021
Issued
Date


Jayaprakash.
Ch
Program
Manager

August 31, 2021
Date

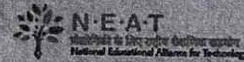

Jayaprakash. Ch
Program Manager


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerai (V), Keerasa (M), Medchal Dist (R.S.) 501 305

187



Smart Internz



N.E.A.T
National Educational Alliance for Technology

Externship Certificate

This to certify that

Nagapuri pranay

has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4956

August 31, 2021

Issued Date

Jayaprakash. Ch
Program Manager



Activate V

PRINCIPAL
Sathanjali College of Engg. and Tech.
Cherial (V), Beasara (M), Bhatkal Dist.(K.S.)-501 317.

1988



Externship Certificate

This to certify that

P ABHISHEK

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5297

September 18, 2021

Issued Date

Jayaprakash.Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Chennai (S), Mysore (M), Bhubhal Dist. (L.S.) 911.

189



Externship Certificate

*This to certify that

Pulgam Sreeharsha

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4841

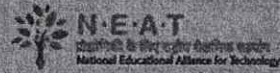
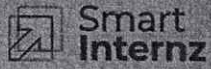
August 23, 2021

Issued Date

Jayaprakash Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheruvu (V), Kousara (M), Medchal Dist. (T.S.)-501 381.

190



Externship Certificate

This to certify that

P.POOJA SREE

has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4914

August 27, 2021

Issued Date

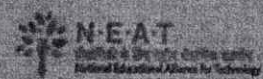
Jayaprakash. Ch
Program Manager


PRINCIPAL
Geethanjali College of Engg. and Tech.
Suryal (M), Keesara (M), Medchal Dist.(T.S.)-501 301.

191



**Smart
Internz**



Externship Certificate

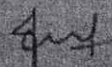
This to certify that

PITTALA SRUTHI

has successfully completed the externship program on Internet of Things (IoT) powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4916

August 27, 2021
Issued Date


Jayaprakash Ch
Program Manager


PRINCIPAL
Ganthanjali College of Engrg. and Tech.
Cheeraj M. Kansara (M), Merchal Dist., (M.S.) 431 111.


192

KaaShiv



2008 - 2018

Certificate

OF COMPLETION

Praneeth

Geethanjali collage of engineering and technology

Is presented with this certificate on successful completion of
Artificial Intelligence Internship

Under the guidelines and norms of the program structure
conducted during for
10 Days

Attendee met all certification requirements and Successful
performance on the required competence examination.

Certificate ID:KA-Qh4w7

Grade:A

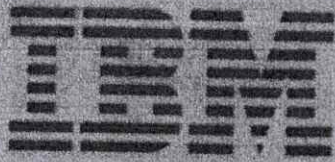
Venkatesan Prabu J
Microsoft MVP



The Certificate ID Can be Verified at www.kaashiv.com/verify

Specialist Software

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheruvu (V), Keesara (M), Medchal Dist.(E.S.)-501 301.



This is to certify that

Poosa Kathyayani

has completed all courses in the learning path

Smart Waste Management System For Metropolitan Cities

a learning path on smartbridge.skillsnetwork.site

Powered by IBM Developer Skills Network

Issued by

The SmartBridge

PRINCIPAL

Geethanjali College of Engg. and Tech.
Cheruvu (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

Issued on:

July 06, 2021

Rav Ahuja
Program Director
Skills Network, IBM

Authenticity of this certificate can be validated by going to: <https://smartbridge.skillsnetwork.site/certificates/978ea78d-1d67-47f1-88b8-0e28218dc9cc>
Anurender Kathan
Founder & CEO
The SmartBridge

194



This is to certify that

Perna Rasakonda

has completed all courses in the learning path

Smart Waste Management System For Metropolitan Cities

a learning path on smartbridge.com

Powered by IBM Developer Skills Network

Issued by

The SmartBridge

Smart Waste Management System For Metropolitan Cities
includes the following content:

- Design Thinking
- Design Fundamentals
- Agile Training Module

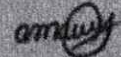
Perna Rasakonda
Program Director
IBM, Bengaluru, India

Issued on:

July 08, 2021

Issued on:

July 08, 2021



Authorized Software
Provider A CED
The SmartBridge

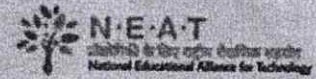
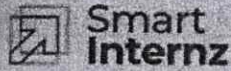
Authenticity of this certificate can be validated by going to:
<https://www.smartbridge.com/verify/certificate/477753486546434634296482034>

Program Director
IBM, Bengaluru, India

Authorized Software
Provider A CED
The SmartBridge

Authenticity of this certificate can be validated by going to:
<https://www.smartbridge.com/verify/certificate/477753486546434634296482034>

195



Externship Certificate

This to certify that

REDDY RAJULA UDAY KIRAN

has successfully completed the externship program on **Artificial Intelligence** powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4843

August 23, 2021

Issued Date

A handwritten signature in black ink.

Jayaprakash. Ch
Program Manager

A handwritten signature in green ink.

PRINCIPAL

Goethanjali College of Engg. and Tech.
Cheerla (V), Keasara (M), Marichal Dist.(T.S.)-501 301.



Externship Certificate

This to certify that

Shaik Mohammad Siddique

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4844

August 23, 2021

Issued Date

Jayaprakash Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Chowryal (V), Kasara (M), Medchal Dist.(T.S.)-501 301.

CERTIFICATE OF INTERNSHIP

197

VERZEO

MVARO
merger & acquisitions

CERTIFICATE
OF INTERNSHIP

This certificate is proudly presented to

Shaik Sameena Yasmeeen

has successfully completed Robotics live projects from MVARO in association with Verzeo
from 01-05-2021 to 30-06-2021.

During this internship, the student was found to be keen and enthusiastic Candidate.

03-08-2021

Date

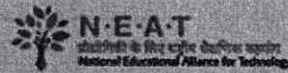
T. Nigf

Academic Head

Certificate ID: 3168987313

[Handwritten Signature]
Gesthampali College of Engineering & Technology
Choorai (V), Narsara (M), Madhwal Dist. (A.S.)

198



Externship Certificate

This to certify that

SOMIREDDY BHAVANI PRASAD

has successfully completed the externship program on **Artificial Intelligence** powered by **IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4845

August 23, 2021

Issued Date

Jayaprakash.Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeray (V), Keesara (M), Medchal Dist.(R.S.)-501 301.

199



Externship Certificate

This to certify that

Tanniru Sravani

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4846

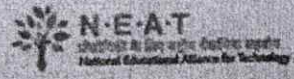
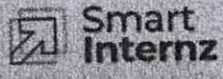
August 23, 2021

Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerla (V), Kamsara (M), Medchal Dist.(T.S.)-501 201.

200



Externship Certificate

This to certify that

TEJAVATH RAJESH

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4847

August 23, 2021
Issued Date

Jayaprakash.Ch
Program Manager

Principal
Geethanjali College of Engg. and Tech.
Chennai 60, Mysore 56, Madurai 625 002.

201



**Smart
Internz**



N-E-A-T

National Educational Alliance for Technology

Externship Certificate

This to certify that

T.VASAVI SRI LAKSHMI

has successfully completed the externship program on **Internet of Things powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4919

August 27, 2021

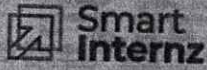
Issued Date

Jayaprakash, Ch
Program Manager



PRINCIPAL
Gauthamaji Srikantaiah
Bheeraj (P), Keesara (M), Medchal Dist, T.S. 1-501 301.

202



Externship Certificate

This to certify that

NAMAN VADLOJU

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4890

August 26, 2021

Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Chervyl (V), Keesara (M), Medchal Dist.(T.S.)-501 309.

203

Certificate Of Completion



APPLY VOLT
www.applyvolt.com

This is to certify that

Vemavarapu Anish

of Geethanjali College of Engineering and Technology

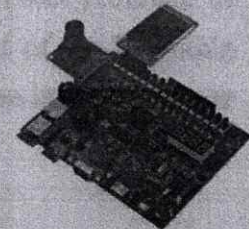
for successful completion of Online Training Program

on "ASIC Design & Verification Using Mentor Tools"

held from 22nd May 2021 to 31st May 2021.



Ramesh Naidu K
Co Founder




PRINCIPAL

Geethanjali College of Engg. and Tech.
Cheeryal (V), Kamsara (M), Medchal Dist.(T.S.)-501 308.



This is to certify that

Yanala Praneetha

has completed all courses in the learning path

**Image Caption
Generator
Application
using IBM Cloud**

a learning path on smarbridge.skillsnetwork.site

Powered by **IBM Developer Skills Network**

Issued by

The SmartBridge

Rav Ahuja
Program Director
Skills Network, IBM

Geetha
Cheerful
Principal
Department of Engg. and In
MADRAS

Issued on:

June 16, 2021

Authenticity of this certificate can be validated by going to: <https://smarbridge.skillsnetwork.site/certificates/0b1bce3b-364a-4129-aec4-f15f63a3e06d>
Amaninder Katkam
Founder & CEO
TheSmartBridge

205



Externship Certificate

This to certify that

CHENNAGALLA NAVYA SREE

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4889

August 26, 2021

Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Theeriyal (V), Kcesara (M), Medchal Dist. (T.S.)-501 301.

Industry/Company Certificate

206



Externship Certificate

This to certify that

Vaishnavi Ramagiri

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

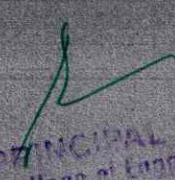
Certificate ID: Ext-AI-2021-5871

October
r 22,
2021
Issued
Date

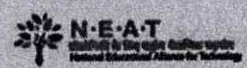
Jayaprakash.
Ch
Program
Manager

October 22, 2021
Date

Jayaprakash. Ch
Program Manager


PRINCIPAL
Geethanjali College of Engg. and Tech.
Chaaryal (V), Kausara (M), Madhwa Dist, (T.S.)-501 501

207



Externship Certificate

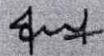
This to certify that

K.VINAY KUMAR


has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5252

September 16, 2021
Issued Date


Jayaprakash Ch
Program Manager




PRINCIPAL
Geethanjali College of Engg. and Tech
Cheerpal (V), Kaasara (M), Medchal Dist.(T.S.)-501 501

208



Externship Certificate

This to certify that

MOHAMMED.ADHIL

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4849

August 23, 2021

Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Goethanjali College of Engg. and Tech.
Cheriyal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

209



Smart Internz



Externship Certificate

This to certify that

NANDIRAJU VISHNU

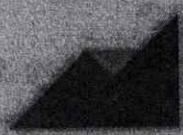
has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4931

August 27, 2021

Issued Date

Jayaprakash Ch
Program Manager



PRINCIPAL

Geethanjali College of Engg. and Tech.
Cheerla (V), Kamsara (M), Medchal Dist.(T.S.)-501 201.

210




Project Completion Certificate

This certifies that

Akella Saarvari

has successfully completed the project titled "Web Application Automation" with expected outcome using Blue Prism Tool

Certificate ID : PC-RPA-2021-0020

Approved By
Team Smartinternz
September 9, 2021

Above all, I am very much thankful to the management of Geethanjali College of Engineering and Technology which was established by the High profile Intellectuals for the cause of Technical Education in modern era.




Externship Certificate

This to certify that

Akella Saarvari

has successfully completed the externship program on Robotics Process Automation powered by Blue Prism from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-RPA-2021-4900

August 26, 2021

Issued Date


 Jayaprakash. Ch
 Program Manager

PRINCIPAL
 Geethanjali College of Engg. and Tech.
 Cheeryal (V), Keerasa (R), Medchal Dist.(T.S.)-501 301.

Certificate of internship



**Smart
Internz**



N-E-A-T

National Educational Alliance for Technology

Externship Certificate

This to certify that

A SAI KEERTHANA

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5283

September 16, 2021

Issued Date

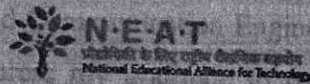
Jayaprakash. Ch
Program Manager



PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keasara (M), Medchal Dist.(T.S.)-501 301.

212

ACKNOWLEDGEMENT



Externship Certificate

This to certify that

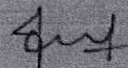
Anumolu Sathvika


has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5829

October 19, 2021

Issued Date


Jayaprakash. Ch
Program Manager


PRINCIPAL
Geethanjali College of Engg. and Tech.
Chowdary (VA), Kamsani (RM), Sriselhal Dist. (CSJ-501 304)

2/3



Smart Internz



N.E.A.T
National Educational Alliance for Technology

Externship Certificate

This to certify that

A.Sainischay

has successfully completed the externship program on Internet of Things powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4920

August 27, 2021

Issued Date

Jayaprakash. Ch
Program Manager



Intis
accepted

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryl (V), Kasara (M), Medchal Dist.(T.S.)-501 304.

215



Externship Certificate

This to certify that

Manichandrika Batti

has successfully completed the externship program on **Artificial Intelligence powered**
by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4948

August 31, 2021

Issued Date

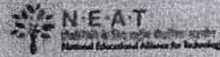
Jayaprakash. Ch
Program Manager

Dr. Manoj Kumar
Principal
Jeebhoyji College of Engg. and Tech.
Abooyal (V), Keasara (M), Medchal Dist. (T.S.)-501 301.

216



Smart
Internz



Externship Certificate

This to certify that

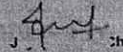
Biradar sachin

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

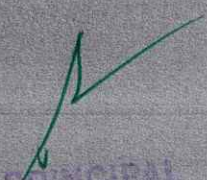
Certificate ID: Ext- AI- 2021- 5819

October 13,
2021

Issued Date


Program Manager




PRINCIPAL
Kannur College of Engg. and Tech
Chennai (T), Kozhikode (K), Madurai Dist. (I.S.)-501 201.

218

Geethanjali College of Engg. and Tech.
Cheerayal (V), Keasara (M), Medchal Dist. (R.S.), 501 301.
PRINCIPAL



Externship Certificate

This to certify that

BOMMIDI BHARGAV REDDY

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5835

October 19, 2021
Issued Date


Jayaprakash. Ch
Program Manager

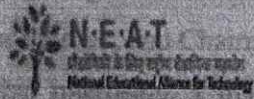


219

ACKNOWLEDGEMENT



Smart Internz



Externship Certificate

This to certify that

CH. TULASI

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5305

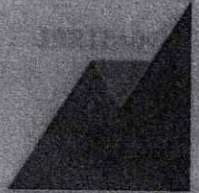
September 24, 2021

Issued Date

Jayaprakash Ch
Program Manager

With Regards,

Ch. Tulasi

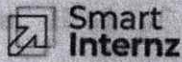


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerai (V), Keerana (M), Medchal Dist. (T.S.)-501 301.

220

ACKNOWLEDGEMENT

I would like to thank the management of IIT department in Geethanjali College of Engineering and Technology for providing me an opportunity to work on the project. I am very grateful to Dr. S. Udaya Kumar, Principal of the college for the support and encouragement given to me to move ahead in the execution of this project.



Externship Certificate

This to certify that

CHINTHA VARUN KUMAR

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5860

October 21, 2021

Issued Date

Jayaprakash. Ch
Program Manager



PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerayal (V), Keerasa (M), Madhchal Dist. (T.S.)-561 301.

Chintha Varun Kumar

1987140413

226



Externship Certificate

This to certify that

G S MOHIT

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5284

September 16, 2021

Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Kasara (M), Medchal Dist.(T.S.)-501 301.

227



Smart Internz

N-E-A-T
National Educational Alliance for Technology

Externship Certificate


This to certify that

Abhinav Gorthy



has successfully completed the externship program on **Internet of Things (IoT)** powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4922

August 27, 2021
Issued Date


Jayaprakash Ch
Program Manager



This is to certify that


Abhinav Gorthy

has completed all courses in the learning path

Smart Plant Communicator System With IBM Cloud

a learning path on smartbridge.skillsnetwork.site
Powered by IBM Developer Skills Network

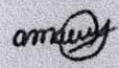
Issued by
The SmartBridge



Ar. Araminder
Program Director
Skills Network, IBM

Issued on:
July 08, 2021

Authenticity of this certificate can be validated by going to
<https://smartbridge.skillsnetwork.site/certificates/23f46fed-1633-446a-bc7a-c76d18aa1511>



Araminder Kalkam
Founder & CEO
TheSmartBridge

<https://smartbridge.skillsnetwork.site/certificates-backend/certificate?username=abhinav25&slug=smart-plant-communicator-system-with-ibm-cloud>

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerl (V), Keesara (M), Medchal Dist (T.S.)-501 301.

22/06



Externship Certificate

This to certify that

ANUSREE GUNTOJU

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4949

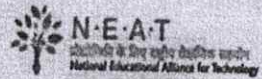
August 31, 2021

Issued Date

Jayaprakash, Ch
Program Manager


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerai (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

229



Externship Certificate

This to certify that

Guna Sundeeep

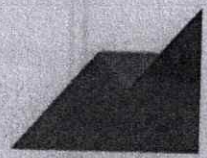
has successfully completed the externship program on Internet of Things (IoT) powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4923

August 27, 2021

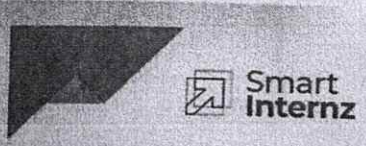
Issued Date

Jayaprakash.Ch
Program Manager



PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

230



Externship Certificate

This to certify that



HARIKA P

has successfully completed the externship program on **Internet of Things (IoT)** powered by **IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4924

August 27, 2021
Issued Date

Jayaprakash. Ch
Program Manager

This is to certify that

harika penumatsa

has completed all courses in the learning path

Smart Plant Communicator System With IBM Cloud

a learning path on smartbridge.skillsnetwork.site
Powered by **IBM Developer Skills Network**

Issued by
The SmartBridge

Issued on:
July 06, 2021

Authenticity of this certificate can be validated by going to:
<https://smartbridge.skillsnetwork.site/certificates/43a0d87fa-3629-4e3d-953e-40b6d70951>

Rav Abhishek
Program Director
Skills Network, IBM

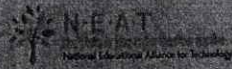
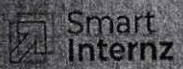
Smart Plant Communicator System With IBM Cloud consists of the following courses:

- Design Thinking
- DevOps Fundamentals
- Agile Training Module

Anandee Kulkarni
Founder & CEO
The SmartBridge

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerayal (V), Keesala (M), Medchal Dist.(T.S.)-501 301.

231



Externship Certificate


This to certify that

KAIRAMKONDA ANJU

has successfully completed the externship program on Artificial Intelligence powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-4950

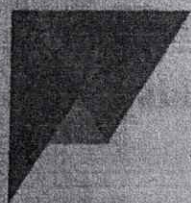
August 31, 2021
Issued Date


Joyprakash Ch
Program Manager

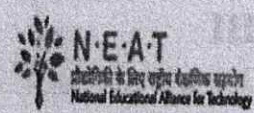

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

232

CONTENTS



**Smart
Internz**



Externship Certificate

This to certify that

K V N SAI KRISHNA NIKHIL

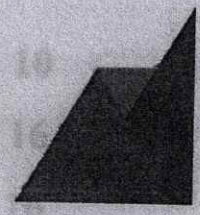
has successfully completed the externship program on **Internet of Things (IoT) powered**
by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4926

August 27, 2021

Issued Date

Jayaprakash. Ch
Program Manager



PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

238



Smart Internz

N.E.A.T
National Educational Alliance for Technology

Externship Certificate

This to certify that

KVK SAI SRIHARSHA

has successfully completed the externship program on Internet of Things (IoT) powered by IBM from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.


Certificate ID: Ext-IOT-2021-4928

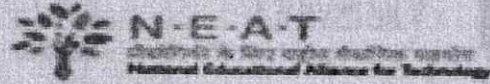
August 27, 2021

Issued Date

Jayaprakash. Ch
Program Manager




PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Ksasara (M), Medchal Dist. (T.S.)-501 301.



Externship Certificate

This to certify that

Lothumalla Lokeshgoud

has successfully completed the
externship program on **Robotics
Process Automation powered by Blue
Prism** from 23 April 2021 to 31 May 2021
and fulfilled the project work
requirements.

Certificate ID: Ext-RPA-2021-4899

August 26,

2021

Date

Jayaprakash.
Ch

Program
Manager

PRINCIPAL
Geethanjali College of Engineering and Tech
Cheeryal (V), Keerasa (R), Medchal Dist. (T.S.)-501 501.

238



Smart Internz



N.E.A.T
National Educational Alliance for Technology

Externship Certificate

This to certify that

Kalyana Ramanuja Swami Mudumby

has successfully completed the externship program on **Artificial intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-Web-2021-4850

August 23, 2021

Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Kaesara (AS), Medchal Dist.(T.S.)-501 301.

239

INTERNSHALA

Certificate of Selection

Malothu Deepak

from Geethanjali College Of Engineering And Technology has successfully secured Fundraising internship at Muskurahat Foundation through Internshala.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: May 17, 2021

Certificate Number: SC956ACD-4920-6496-9088-45277705263
For certificate authentication please visit http://internshala.com/verify_certificate

MALOTHU DEEPAK
MUSKURAHAT FOUNDATION

Geethanjali College of Engg. and Tech.
Cheeraj (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

Dept. of ECE, GCET

240

BRAIN O VISION
CERTIFICATE



Date: 01-08-2021

TO
Medikonda Rupa
Geethanjali College of engineering and technology

INTERNSHIP CERTIFICATE

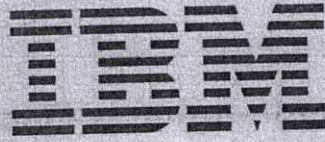
This is to certify that **Medikonda Rupa** has successfully completed her **One Month Online Internship Program** with **BrainOvision Solutions Pvt. Ltd.** She was working on **Web development** and was actively & diligently involved in the projects and tasks assigned to her. During the span, we found her punctual and hardworking person. Her feedback and evolution proved that she is a quick learner. **Congratulations and Best Wishes.**

ROLE : Web Developer
INTERN ID : BOVM01W12174
START DATE : 1st-JULY-2021
END DATE : 31st-JULY-2021

Yours faithfully
Name: Bala Maheshwar
Technical Manager
BRAIN O VISION SOLUTIONS (INDIA) PVT LTD

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerayal (V), Kapsara (M), Medchal Dist.(T.S.)-501 301.

243



This is to certify that

Pulivarthi Kalyan Sundar

has completed all courses in the learning path

**Brain tumor
detection from
MRI images with
IBM Watson
Studio**

a learning path on smartbridge.skillsnetwork.site

Powered by **IBM Developer Skills Network**

Issued by
The SmartBridge

Rav Ahuja
Program Director
Skills Network, IBM

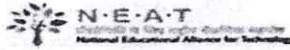
Issued on:

June 16, 2021

Authenticity of this certificate can be validated by going to: <https://smartbridge.skillsnetwork.site/certificates/cccdfaed8ddf-4797-8c77-9679e5c74e1d>

Amarendra Katkam
Founder & CEO
TheSmartBridge


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerani (V), Keesara (M), Medchal Dist.(T.S.)-501 301.



244

Externship Certificate

This to certify that

**REDDY RAJULA
SHAILAJA SHAILAJA**

has successfully completed the
externship program on **Robotics
Process Automation powered by Blue
Prism** from 23 April 2021 to 31 May 2021
and fulfilled the project work
requirements.

Certificate ID: Ext-RPA-2021-4901

August 26,
2021

Date

Jayaprakash.
Ch

Program



Project Completion Certificate

This certifies that

Reddy Rajula Shailaja

has successfully completed the project titled "Web Application Automation" with expected
outcome using Blue Prism Tool

Certificate ID : PC-RPA-2021-0021

Approved By

Team Smartinternz
September 9, 2021

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

HR PAYROLL AUTOMATION

246

(Page 3)

CONTENTS



blueprism
University

Project Completion Certificate

This certifies that

Sama Likhitha

has successfully completed the project titled "Hr Payroll Automation" with expected outcome using Blue Prism Tool

Certificate ID : PC-RPA-2021-0014

Approved By

Team SmartInternz
September 9, 2021

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Kaasara (M), Medchal Dist.(T.S.)-501 301.

247



This is to certify that

Samala Anusha

has completed all courses in the learning path

Smart Plant Communicator System With IBM Cloud

a learning path on smartridge.skillsnetwork.site

Powered by **IBM Developer Skills Network**

Smart Plant Communicator System With IBM Cloud consists of the following courses:

- Design Thinking
- DevOps Fundamentals
- Agile Training Module

Issued by

The SmartBridge

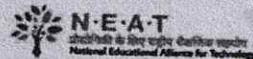
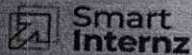
Anurag
Program Director
Skills Network, IBM

Issued on:

July 06, 2021

Authenticity of this certificate can be validated by going to:
<https://smartridge.skillsnetwork.site/certificates/3e18ef81-a8f3-4f83-bd85-0d3168a2eae>

Anandhar Kulkarni
Founder & CEO
TheSmartBridge



Externship Certificate

This to certify that

Samala Anusha

has successfully completed the externship program on **Internet of Things powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-IOT-2021-4925

August 27, 2021

Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Chaeryal (V), Kaasara (M), Medchal Dist. (T.S.)-501 301.

248



Smart Internz

NEAT
National Educational Alliance for Technology

Externship Certificate

This to certify that

SAMHITHA VASAMSETTY

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5820

October 13, 2021

Issued Date

Jayaprakash. Ch
Program Manager



1.1	Libraries and Technologies used	6
1.2	Block diagram	6
1.3	Process Flow	8
1.4	Web Application Interface	9
1.5	Skills acquired during Internship	10
2. Process and Results		
2.1	Methodology followed	11
2.2	Source Code for Model Training	15
2.3	Source Code for Model Prediction	16
2.4	Source Code for Flask Application	16
	Results	17
	Conclusion	21
	CERTIFICATE SCOPE	22

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist. (T.S.)-501 301.

249



Externship Certificate

This to certify that

Sangani Siddhartha

has successfully completed the externship program on **Artificial Intelligence powered by IBM** from
23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-AI-2021-5964

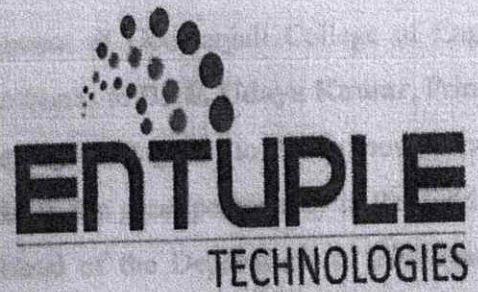
November 05, 2021

Issued Date

Jayaprakash. Ch
Program Manager


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Kasarala (M), Medchal Dist.(T.S.)-501 302.

253



INTERNSHIP CERTIFICATE

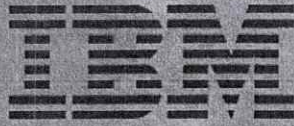
This is to certify that **Miss. SREE HARSHA V**
from
GEETANJALI INSTITUTE OF TECHNOLOGY
has completed the online internship program on
DESIGN AND VERIFICATION USING VERILOG
from Sep 13, 2021 to Oct 27, 2021.


Mr. Damodara M S
Business Manager,
Entuple Technologies Pvt. Ltd.


PRINCIPAL
Geethanjali College of Engg. and Tech.
Gheeryl (V), Keesara (M), Medchal Dist. (R.S.)-501 301

Certificate Number: 2119840119





This is to certify that

vivek naik vankudoth

has completed all courses in the learning path

**Brain tumor
detection from
MRI images with
IBM Watson
Studio**

a learning path on smartbridge.skillsnetwork.site

Powered by IBM Developer Skills Network

Issued by
The SmartBridge

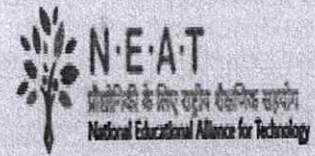
Issued on:

June 16, 2021

Rav Ahuja
Program Director
Skills Network, IBM

Authenticity of this certificate can be validated by going to: Amarendra Kulkarni
<https://smartbridge.skillsnetwork.site/certificates/9afdc7f5-f0a1-4e1c-8e50-c28845ef0af7> Founder & CEO
The SmartBridge

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheerayal (V), Keesera (M), Medchal Dist. (R.S.)-501 301.



253

Externship Certificate

This to certify that

VUDEM SHRAVANI REDDY

has successfully completed the externship program on **Robotics Process Automation** powered by **Blue Prism** from 23 April 2021 to 31 May 2021 and fulfilled the project work requirements.

Certificate ID: Ext-RPA-2021-4961

August 31, 2021

Issued Date

Jayaprakash. Ch
Program Manager

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

256

CERTIFICATE



**SPANAV
CERTIFICATE OF COURSE COMPLETION**

Congratulations **YERRA SAI RITHVIK**

**SUCCEEDING IN COMPETITION OF WEB
DEVELOPMENT COURSE**

Course Completed on 11/09/2021

By completing to learn you have expanded your perspective,
sharpened your skills and made yourself even more in demand

Srikanth

Director - SPANAV

November 09, 2021

Date

PRINCIPAL
Geethanjali College of Engg. and Tech.
Chowryal (V), Neesara (M), Medchal Dist.(T.S.)-501 501.