

**SEMESTER  
INTERNSHIP  
LONG TERM INTERNSHIP  
(ONSITE/VIRTUAL)**

**Name of the Student: ADDADA LAKSHMI**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA**

**Registration Number: 2029223050001**

**Period of Internship: From: 20-12-2022 To: 10-03-2023**

**Name & Address of the Intern Organization: TCS ION REMOTE  
INTERNSHIPS  
SYNERGY PARK  
PREMISES, NEAR  
SURVEY NO:26,  
GACHIBOWLI  
HYDERABAD-500032**

**KRISHINA UNIVERSITY  
2022-2023**

# **An Internship Report on**

## **AUTOMATE IDENTIFICATION AND RECOGNITION OF HANDWRITTEN TEXT FROM AN IMAGE**

*Submitted in accordance with the requirement for the degree of BSc (computers)*



*Under the Faculty Guidance of*

**T.DEVENDER REDDY**

*Lecturer in PHYSICS*

*Department of*

**PHYSICS**

**V.S.R GOVERNMENT DEGREE & P.G College, Mowva**

**Submitted by:**

**A.LAKSHMI**

**Reg. No: 2029223050001**

*Affiliated to krishna university approved by NAAC 'A'*

## Student's Declaration

I, ADDADA LAKSHM a student of AUTOMATE RECOGINTIONOF HANDWRITTEN TEXT FROM AN IMAGE Program ,Reg.No.2029223050001of the Department of Computers science College do hereby declare that I have completed the mandatory internship from 20-12-2022 to 10-03-2023 in TCS iON under the Faculty Guidance of DEVENDER REDDY, Department of PHYSICS , V. S. R. GOVT. COLLEGE MOVVA.

*A. Lakshmi*  
(Signature and Date)

# Official Certification

This is to certify that **ADDADA LAKSHMI** Reg.No.2029223050001 has completed his/her Internship in **TCS iON** on **AUTOMATE IDENTIFICATION AND RECOGNITION OF HANDWRITTE TEXTFROM AN IMAGE** under my supervision as a part of partial Fulfilment of the requirement for the Degree of **BSC (MPCs)** in the Department of **V. S. R.GOV. COLLEGE, MOVVA**

This is accepted for evaluation.

  
(Signatory with Date and Seal)

## Endorsements

  
Faculty Guide

  
Head of the Department

  
Principal



**PRINCIPAL**  
V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna Dt., A.P.





# Certificate from Intern Organization

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Addada Lakshmi**

*has successfully completed Remote Internship*

*for 210 hours in project titled*

***Automate Identification and Recognition of Handwritten Text from an Image***

*by TCS iON from 20 Dec 2022 to 10 Mar 2023 .*

TCS iON REMOTE INTERNSHIPS  
Academic Credits with Industry Mentors  
Cert ID: 358-23584677-1010  
Dated: 10 Mar 2023



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head - TCS iON,  
Tata Consultancy Services

# **SEMESTER INTERNSHIP**

## **LONG TERM INTERNSHIP**

**(ONSITE/VIRTUAL)**

**Name of the Student: CHAGANTIPATI SAILAJA**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA**

**Registration Number: 2029223050005**

**Period of Internship: From: 20-12-2022 To: 13-03-2023**

**Name & Address of the Intern Organization: TCS-Ion REMOTE  
INTERNSHIP  
SYNERGY PARK  
PREMISES, NEAR  
SURVEY NO -26  
GACHIBOWLI  
HYDERABAD-500032**

**KRISHNA UNIVERSITY  
2022 - 2023**

## **An Internship Report on**

### **AUTOMATE DETECTION OF DIFFERENT SENTIMENT FROM PARAGRAPHS AND PREDICT OVERALL SENTIMENT**

*Submitted in accordance with the requirement for the degree of BSc(computers)*



*Under the Faculty Guidance of*

*T.DEVENDER REDDY*

*Lecturer in PHYSICS*

*Department of PHYSICS*

*V.S.R GOVERNMENT DEGREE & P.G College, Movva*

**Submitted by:**

**CH.SAILAJA**

**Reg. No: 2029223050005**

**Affiliated to krishna university approved by NAAC' A'**

## Student's Declaration

I, CHAGANTIPATI SAILAJA a student of AUTOMATE DETECTION OF DIFFERENT SENTIMENT FROM PARAGRAPHS AND PREDICT OVERALLSENTIMENT Program, Reg.No.2029223050005 of the Department of COMPUTER SCIENCE College do hereby declare that I have completed the mandatory internship from 20-12-2022 to 15-03-2023in under the Faculty Guidance of T.DEVENDER REDDY, Department of PHYSICS , V. S. R.GOVT. COLLEGE, MOVVA.

*Ch. sailaja*  
(Signature and Date)



## Official Certification

This is to certify that CHAGANTIPATI SAILAJA Reg.No. 2029223050005 has completed his/her Internship in TCS iON on AUTOMATE DETECTION OF DIFFERENT SENTIMENT FROM PARAGRAPHS AND PREDICT OVERALL SENTIMENT under my supervision as a part of partial Fulfillment of the requirement for the Degree of BSC (MPCs) in the Department of V. S. R. GOVT. COLLEGE, MOVVA

This is accepted for evaluation.

  
(Signatory and Date and Seal)



### Endorsements

  
Faculty Guide

  
Head of the Department

  
Principal

**PRINCIPAL**  
V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna Dt





# Certificate from Intern Organization

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

This is to certify that

**Chagantipati Sailaja**

has successfully completed Remote Internship

for 210 hours in project titled

**Automate Detection of Different Sentiments from Paragraphs and Predict Overall Sentiment**

by TCS iON from 20 Dec 2022 to 13 Mar 2023.

TCS iON REMOTE INTERNSHIPS  
Academic Credits with Industry Mentors  
Cert. ID: 236-2158-9266-1016  
Dated: 11 Mar 2023



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head - TCS iON,  
Tata Consultancy Services

# Model Program Book



# SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH  
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)



# **SEMESTER INTERNSHIP LONG TERM INTERNSHIP**

**(onsite internship/virtual)**

**Name of the Student: Challapalli Yamini Supriya**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA**

**Registration Number: 2029223050006**

**Period of Internship: From: 20-12-2022 To: 07-03-2023**

**Name & Address of the Intern Organization: TCS iON  
(REMOTE INTERNSHIP)  
GACHABOWLI,  
HYDERABAD-500032  
TELANGANA.**

**KRISHNA UNIVERSITY**

**2020-2023**

**An Internship Report on**  
**AUTOMATE DETECTION OF DIFFERENT EMOTIONS**  
**FROM PARAGRAPHS AND PREDICT OVERALL**  
**EMOTION**

*Submitted in accordance with the requirement for the degree of*

***BACHELOR OF SCIENCE***

***IN***

***COMPUTER SCIENCE***

**Submitted by:**

**Challapalli Yamini supriya**

**(Reg. No: 2029223050006)**

*Under the Faculty Guidance*

**T.Devendar reddy, M.SC.,**

*Lecturer in physics*



***DEPARTMENT OF COMPUTER SCIENCE***

***V.S.R.GOV'T DEGREE AND PG COLLEGE, MOVVA***

*Affiliated to Krishna University Approved By NAAC' a'*

**MOVVA-521135**

## STUDENT'S DECLARATION

I, CHALLAPALLI YAMINI SUPRIYA a student of AUTOMATE DETECTION OF DIFFERENT EMOTIONS FROM PARAGRAPHS&PREDICT OVERALL EMOTION Program, Reg. No.2029223050006 of the Department of COMPUTER SCIENCE, College do hereby declare that I have completed the mandatory internship from 20-12-2022 to 13-03-2023 in TCS iON(REMOTE INTERNSHIP) under the Faculty Guidance of T.DEVENDAR REDDY , Department of PHYSICS ,V. S. R. GOVT. DEGREE & P..G. COLLEGE MOVVA.

Ch. Yamini Supriyo  
(Signature and Date)



## OFFICIAL CERTIFICATION

This is to certify the Reg.challapalli Yamini supriya No. 2029223050006 has completed her Internship in TCS iON(REMOTE INTERNSHIP) on AUTOMATE DETECTION OF DIFFERENT EMOTIONS FROM PARAGRAPHS&PREDICT OVERALL EMOTION under my supervision as a part of partial fulfilment of the requirement for the Degree of Bachelor of science(MPCS) in the Department of V. S. R. GOVT.DEGREE AND PG COLLEGE , MOVVA .

This is accepted for evaluation.

  
(Signatory with Date and Seal)

Endorsements

  
Faculty Guide



  
Head of the Department

  
Principal

PRINCIPAL  
V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna Dt., A.P.

A. K. S.

# CERTIFICATE FROM INTERN ORGANIZATION

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Challapalli Yaminisupriya**

*has successfully completed Remote Internship*

*for 210 hours in project titled*

***Automate Detection of Different Emotions from Paragraphs and Predict Overall Emotion***

*by TCS iON from 20 Dec 2022 to 07 Mar 2023.*

TCS iON REMOTE INTERNSHIPS  
Academic Credits with Industry Mentors  
Cert. ID.: 215-23584883-1016  
Dated: 07 Mar 2023



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head - TCS iON,  
Tata Consultancy Services



# Model Program Book



# SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH  
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

# **PROGRAM BOOK FOR LONG TERM INTERSHIP**

**Name of the Student: CHIMUTURI NAGASUJATHA**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA**

**Registration Number: 2029223050008**

**Period of Internship: From: 05-12-2022 to 03-03-2023**

**Name & Address of the Intern Organization: TCS ION  
REMOTE INTERNSHIP  
GACHIBOWLI, -500032  
HYDERABAD**



**An Internship Report on**  
**DIGITAL BOOK DEVELOPMENT**

*Submitted in accordance with the requirement for the degree of  
BSc(Computers)*



*Under the Faculty Guidance of*

**T. DEVENDER REDDY**

*T. DEVENDER REDDY Lecturer in Physics*

*Department of Physics*

*V.S.R GOVERNMENT DEGREE & P.G College, Movva*

**Submitted by:**

**CH.NAGASUJATHA**  
**Reg. No: 2029223050008**



## Student's Declaration

I, **CHIMUTURI NAGASUJATHA** a student of **DIGITAL BOOK DEVELOPMENT** Program, Reg. No.2029223050008 of the Department of **COMPUTERS SCIENCE** College do hereby declare that I have completed the mandatory internship from **05-12-2022** to **03-03-2023** in **TCS ION REMOTE INTERNSHIP** under the Faculty Guidance of **T. DEVENDER REDDY** , Department of **PHYSICS** , **V. S. R. GOVT. COLLEGE MOVVA**.

*Ch. Naga Sujatha*  
(Signature and Date)

# Official Certification

This is to certify that **CHIMUTURINAGASUJATHA** Reg. No. **2029223050008** has completed his/her Internship in **TCS ION REMOTE INTERNSHIP** on **DIGITAL BOOK DEVELOPMENT** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BSC (MPCS)** in the Department of **V. S. R. GOVT. COLLEGE, MOVVA**

This is accepted for evaluation.

  
(Signatory with Date and Seal)



## Endorsements

  
Faculty Guide

  
Head of the Department

  
Principal

**PRINCIPAL**  
**V.S.R. Govt. Degree & P.G. College**  
**Movva - 521 135, Krishna Dt., A.P.**



# Certificate from Intern Organization

TCS ION

TATA

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Chimuturi nagasujatha**

*has successfully completed Remote Internship*

*for 210 hours in project titled*

***Digital Book Development (Advanced)***

*by TCS ION from 05 Dec 2022 to 03 Mar 2023*

TCS ION REMOTE INTERNSHIPS  
Academic Credits with Industry Mentors  
Cert. No: 23584872-1016  
Dated: 03 Mar 2023



*Mehul Mehta*

Mehul Mehta  
Global Delivery Head - TCS ION,  
Tata Consultancy Services



# Model Program Book



# SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH  
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

# **SEMESTER INTERNSHIP**

## **LONG TERM INTERNSHIP**

**(onsite internship/virtual)**

**Name of the Student: Chodiseti Anitha**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA**

**Registration Number: 2029223050009**

**Period of Internship: From: 20-12-2022 To: 06-03-2023**

**Name & Address of the Intern Organization: TCS iON  
(REMOTE  
INTERNSHIP)  
GACHABOWLI,  
HYDERABAD-500032  
TELANGANA.**

**KRISHNA UNIVERSITY**

**2020-2023**



**AN INTERNSHIP REPORT ON  
AUTOMATE DETECTION OF DIFFERENT  
SENTIMENTSFROM PARAGRAPHS AND PREDICT  
OVERALLSENTIMENT**

*Submitted in accordance with the requirement for the degree of  
BACHELOR OF SCIENCE  
IN  
COMPUTER SCIENCE*

Submitted by:  
**CHODISETTI ANITHA**  
(Reg. No: 2029223050009)

*Under the Faculty Guidance*

**T. DEVENDAR REDDY, M.Sc,**  
*Lecturer in* **PHYSICS**



**DEPARTMENT OF COMPUTER SCIENCE**

**V.S.R.GOV'T DEGREE AND PG COLLEGE, MOVVA**

*Affiliated to Krishna University Approved By NAAC 'a'*

**MOVVA-521135**

## STUDENT'S DECLARATION

I, CHODISETTI ANITHA a student of AUTOMATE DETECTION OF DIFFERENT SENTIMENTS FROM PARAGRAPHS&PREDICT OVERALL SENTIMENT Program, Reg. No.2029223050009 of the Department of COMPUTER SCIENCE, College do hereby declare that I have completed the mandatory internship from 20-12-2022 to 06-03-2023 in TCS ION(REMOTE INTERNSHIP) under the Faculty Guidance of **T.Devendra Reddy** Department of **Physics**, V. S. R. GOVT. DEGREE & P..G. COLLEGE MOVVA.

*Ch. Anitha*  
(Signature and Date)

## OFFICIAL CERTIFICATION

This is to certify that **CHODISETTI ANITHA** Reg. No. **2029223050009** has completed her Internship in **TCS iON(REMOTE INTERNSHIP)** on **AUTOMATE DETECTION OF DIFFERENT SENTIMENTS FROM PARAGRAPHS&PREDICT OVERALL SENTIMENT** under my supervision as a part of partial fulfilment of the requirement for the Degree of **Bachelor of science(MPCS)** in the Department of **V. S. R. GOVT.DEGREE AND PG COLLEGE , MOVVA .**

This is accepted for evaluation.

  
(Signatory with Date and Seal)

### Endorsements

  
Faculty Guide

  
Head of the Department

  
Principal



**PRINCIPAL**  
V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna Dt., A.P.





# CERTIFICATE FROM INTERN ORGANIZATION

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

This is to certify that

**Chodisetti Anitha**

has successfully completed Remote Internship

for 210 hours in project titled

**Automate Detection of Different Sentiments from Paragraphs and Predict Overall Sentiment**

by TCS iON from 20 Dec 2022 to 06 Mar 2023.

TCS iON REMOTE INTERNSHIPS  
Academic Credits with Industry Mentors  
Cert. ID: 226-23584881-1016  
Dated: 06 Mar 2023



*Mehul Mehta*

Mehul Mehta  
Global Delivery Head - TCS iON,  
Tata Consultancy Services



# Model Program Book



# SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH  
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

# **SEMESTER INTERNSHIP**

## **LONG TERM INTERNSHIP**

**Name of the Student: DASI SRAVANTHI**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE,  
MOVVA**

**Registration Number: 2029223050010**

**Period of Internship: From: 20-12-2022 TO: 15-03-2023**

**Name & Address of the Intern Organization: TCS-ION REMOTE  
INTERSHIPS  
GACHABOWLI,  
HYDERABAD-500032  
TELANGHANA**

**KRISHNA UNIVERSITY**  
**2020-2023**



**An Internship Report on**  
**AUTOMATE IDENTIFICATION OF SEMANTICS ERRORS FOR**  
**ENABLING ERRORLESS PROOF READING**  
*Submitted in accordance with the requirement for the degree of*

**BSC(COMPUTERS)**



**Under the faculty guidance**

**T.DEVENDAR REDDY (Msc Physics)**

**T.DEVENDAR REDDY Lecturer in physics**

**DEPARTMENT OF PHYSICS**

**VSR GOVT.DEGREE AND PG COLLAGE MOVVA**

**Submitted by:**

**D. SRAVANTHI**  
**Reg. No: 2029223050010**

***Department of: PHYSICS***

***V.S.R GOVERNMENT DEGREE & P.G COLLEGE, MOVVA***

***Affiliated to Krishna University Approved By NAAC 'A'***

***MOVVA-521135***

## Student's Declaration

I, DASI SRAVANTHI a student of AUTOMATE IDENTIFICATION OF SEMANTICS ERRORS FOR ENABLING ERRORLESS PROOF READING Program, Reg. No. 202922305010 of the Department of COMPUTER SCIENCE College do hereby declare that I have completed the mandatory internship from 20-12-2022 to 15-03-2023 in TCS-ION REMOTE INTERSHIP under the Faculty Guidance of T.DEVENDAR REDDY, Department of PHYSICS, V. S. R. GOVT. COLLEGE MOVVA.

(Signature and Date)


# Official Certification

This is to certify that DASI SRAVANTHI Reg. No. 2029223050010 has completed his/her Internship in TCS-ION(REMOTE INTERNSHIP) on AUTOMATE IDENTIFICATION OF SEMANTICS ERRORS FOR ENABLING ERRORLESSPROOF READING under my supervision as a part of partial

fulfillment of the requirement for the Degree of BSC (MPCS) in the

Department of V. S. R. GOVT. COLLEGE, MOVVA

This is accepted for evaluation.

  
(Signatory with Date and Seal)

## Endorsements

  
Faculty Guide

  
Head of the Department

  
Principal





**PRINCIPAL**  
V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna Dt., A.P.



# Certificate from Intern Organization

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

This is to certify that

**Sravanthi dasi**

has successfully completed Remote internship

for **210** hours in project titled

**Automate Identification of Semantics Errors for Enabling Errorless Proof Reading**

by TCS iON from **20 Dec 2022** to **16 Mar 2023**.

TCS iON REMOTE INTERNSHIPS  
Academic Credits with Industry Mentors  
Cert. ID: 201-23504063-1016  
Dated: 17 Mar 2023



*Mehul Mehta*

Mehul Mehta  
Global Delivery Head - TCS iON,  
Tata Consultancy Services

**SEMESTER  
INTERNSHIP  
LONG TERM INTERNSHIP  
(ON SITE/VIRTUAL)**

**Name of the Student: DEVARAPALLI SAIDURGA**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA**

**Registration Number: 2029223050011**

**Period of Internship: From: 20-12-2022 to 06-03-2023**

**Name & Address of the Intern Organization: TCS ION  
REMOTE INTERNSHIP  
GACHIBOWLI, -500032  
HYDERABAD**

An Internship Report on  
**DIGITAL BOOK DEVELOPMENT**

*Submitted in accordance with the requirement for the degree of BSc(Computers)*



*Under the Faculty Guidance*

**T. DEVENDER REDDY**

*T. DEVENDER REDDY Lecturer in Physics*

*Department of Physics*

Submitted by

**D.SAI DURGA**

**Reg. No : 202922305001**

*V.S.R GOVERNMENT DEGREE & P.G COLLEGE, MOVVA*  
**Affiliated to Krishna university approved by NAAC 'A'**



## **Student's Declaration**

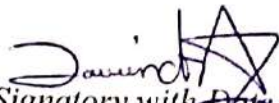
I, **DEVARAPALLI SAIDURGA** a student of **DIGITAL BOOK DEVELOPMENT** Program, Reg. No. **2029223050011** of the Department of **COMPUTER SCIENCE**, **V.S.R GOVERNMENT DEGREE AND PG** College do hereby declare that I have completed the mandatory internship from **20-12-2022** to **06-03-2023** in **TCS ION REMOTE INTERNSHIP** under the Faculty Guidance of **DEVENDER REDDY** , Department of **PHYSICS** , **V. S. R. GOVERNMENT DEGREE AND PG COLLEGE MOVVA**.

*D. saidurga*  
(Signature and Date)

# Official Certification

This is to certify that **DEVARAPALLI SAIDURGA** Reg. No. **2029223050011** has completed her Internship in **TCS ION REMOTE INTERNSHIP** on **DIGITAL BOOK DEVELOPMENT** under my supervision as a part of partial Fulfillment of the requirement for the Degree of **BSC (MPCS)** in the Department of Computer Science, **V. S. R. GOVERNMENT DEGREE AND PG COLLEGE**.

This is accepted for evaluation.

  
(Signatory with Date and Seal)



## Endorsements

  
Faculty Guide

  
Head of the Department

Principal



  
**PRINCIPAL**  
V.S.R. Govt. Degree & P.G. College  
Moyva - 521 135, Krishna DL, A.P.

# Certificate from Intern Organization

TCS ION

TATA

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Devarapalli Saidurga**

*has successfully completed Remote Internship*

*for 210 hours in project titled*

*Digital Book Development (Advanced)*

*by TCS ION from 20 Dec 2022 to 06 Mar 2023*

TCS ION REMOTE INTERNSHIPS  
As per our records with following details  
Cert. No: 22/06/2023/0010  
Dated: 06 Mar 2023



*Mehul Mehta*

Mehul Mehta  
Global Delivery Head - TCS ION,  
Tata Consultancy Services



# **PROGRAM BOOK FOR LONG TERM INTERNSHIP**

**(ONSITE / VIRTUAL)**

**Name of the Student: GANAPAVARAPU MADHUKALYAN**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE,  
MOVVA**

**Registration Number: 2029223050012**

**Period of Internship: From: 20-12-2022 To: 16-03-2023**

**Name & Address of the Intern Organization: TCS iON REMOTE  
INTERNSHIPS  
SYNERGY PARK  
PREMISES, NEAR  
SURVEY NO: 26,  
GACHIBOWLI  
HYDERABAD-500032**

**KRISHNA UNIVERSITY  
2022- 2023**

**An Internship Report**  
**on**  
**DIGITAL BOOK DEVELOPMENT**

*Submitted in accordance with the requirement for the Degree of **BACHELOR OF COMPUTER SCIENCE(MPCS)***

Submitted by:

**GANAPAVARAPU MADHUKALYAN**

Reg. No: 2029223050012

*Under the Faculty Guidance of*

**DEVENDAR REDDY T (MSC)PHYSICS**

Lecturer in **PHYSICS**



**DEPARTMENT OF PHYSICS**  
**V.S.R GOVERNMENT DEGREE & P.G COLLEGE**

**Affiliated to Krishna University Approved by NAAC 'A'**

**MOVVA-521136**

## **Student Declaration**

**I, GANAPAVARAPU MADHUKALYAN a Student of BACHELOR OF COMPUTER SCIENCE(MPCS) program, Reg.No.2029223050012 of the department of COMPUTER SCIENCE, V.S.R Government Degree and PG College do here by declare that I have completed the mandatory internship from 20-12-2022 to 16-03-2023 in TCS iON REMOTE INTERNSHIP under the Faculty Guidance of DEVENDAR REDDY T, Department of PHYSICS, V.S.R Government Degree and PG College.**

*Gi.Madhu kalyan*  
(Signature and Date)



## Official Certificate

This is to certify that **GANAPAVARAPU MADHUKALYAN** Reg. No. **2029223050012** has completed his Internship in **TCS ION REMOTE INTERNSHIP** on **DIGITAL BOOK DEVELOPMENT** under my supervision as a part of partial fulfilment of the requirement for the Degree of **BACHELOR OF COMPUTER SCIENCE(MPCs)** in the Department of **COMPUTER SCIENCE, V.S.R Government Degree and PG College.**

This is accepted for evaluation.

*Daming*  
(Signatory with Date and Seal)  


### Endorsements

*T. V. K. P.*  
Faculty Guide

*T. V. K. P.*  
Head of the Department

*P. V. S. R.*  
Principal

**PRINCIPAL**  
V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna Dt., A.P.

*A. K. P.*

# Certificate from Intern Organization

**TCS iON**

**TATA**

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Ganapavarapu Madhukalyan**

*has successfully completed Remote Internship*

*for 210 hours in project titled*

*Digital Book Development (Advanced)*

*by TCS iON from 20 Dec 2022 to 16 Mar 2023.*

TCS iON REMOTE INTERNSHIPS  
Academic Credits with Industry Mentors  
Cert. ID: 356-23584846-1016  
Dated: 16 Mar 2023



*Mehul Mehta*

Mehul Mehta  
Global Delivery Head - TCS iON,  
Tata Consultancy Services





**An Internship Report on**

**HOME AUTO MACHINE**

Submitted in accordance with the requirement for the degree of BSC (COMPUTER SCIENCE)

Under the Faculty Guideship of

**N.KRISHNA MOHAN**

Lecturer in PHYSICS

Department of

**PHYSICS**



**V.S.R GOVERNMENT DEGREE & P.G COLLEGE ,MOVVA**

Submitted by:

**GUTHA UMA PUJITHA**

Reg.No:2029223050013

Department of physics

**V.S.R GOVERNMENT DEGREE & P.G COLLEGE ,MOVVA**

**(Affiliated to Krishna university & Approved by NAAC 'A'  
Movva-521136**

# Student's Declaration

I, GUTHA UMA PUJITHA a student of III BSC (MPCS)  
Program, Reg. No. 2029223050013 of the Department of PHYSICS  
do hereby declare that I have completed the mandatory internship  
from 16-11-2022 to 16-02-2022 in PINKMOON (Name of  
the intern organization) under the Faculty Guidance of N.KRISHNA MOHAN Department  
PHYSICS, V.S.R. GOVT. DEGREE & P.G COLLEGE MOVVA

*G.uma pujitha*

(Signature and Date)

**V.S.R GOVERNMENT DEGREE & P.G COLLEGE ,MOVVA**  
**(Affiliated to Krishna university & Approved by NAAC 'A'**  
**Movva-521136**

# Official Certification

This is to certify that GUTHA UMA PUJITHA Reg.No. 2029223050013 has completed his/her Internship in PINKMOON on HOME AUTOMATION under my supervision as a part of partial fulfillment of the requirement for the Degree of BSC (MPCS) in the Department Of V.S.R. GOVT.DEGREE &P.G COLLEGE, MOVVA.

This is accepted for evaluation

*M. Chaburani*

(Signatory with Date and Seal)

Endorsements

Faculty Guide

*N. Kumar Nayan*

Head of the Department

*[Signature]*



Principal

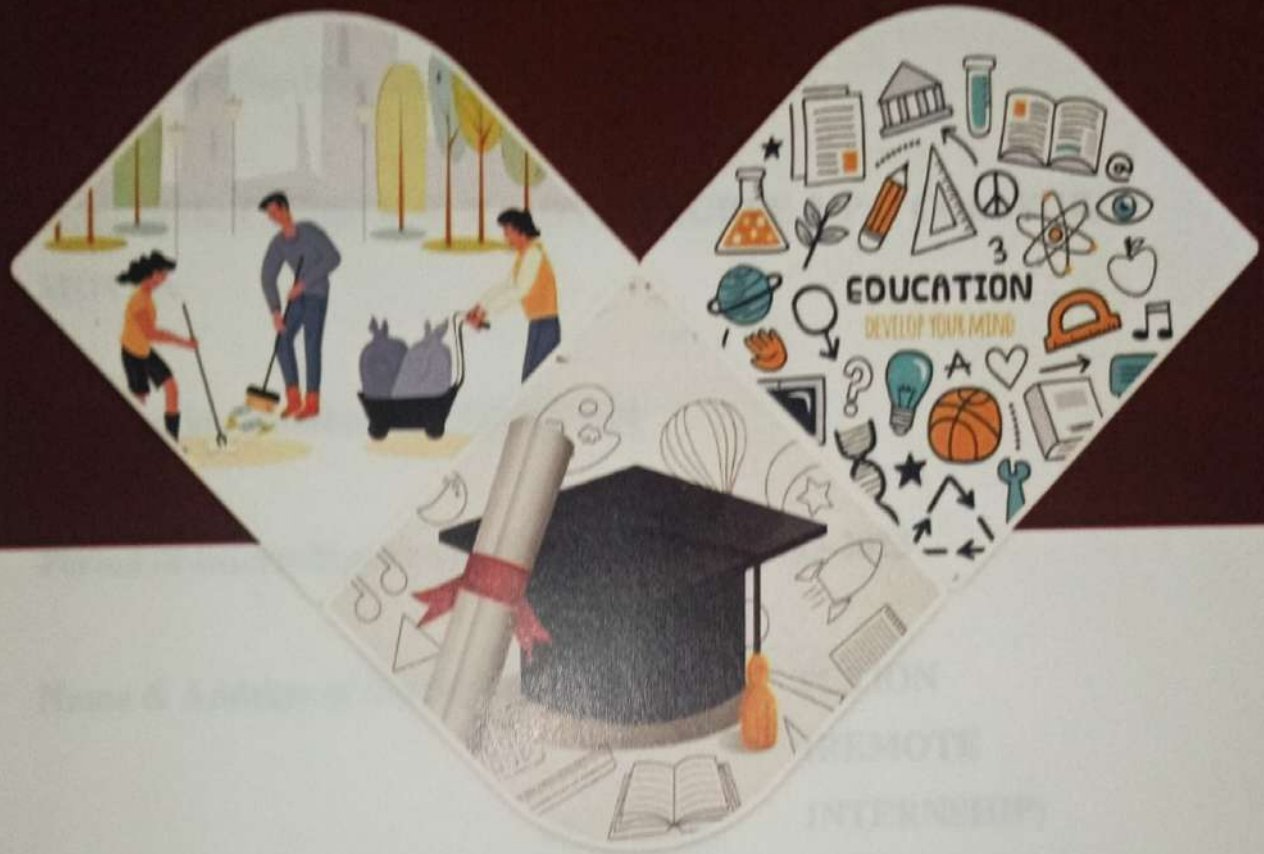
*[Signature]*  
PRINCIPAL

V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna Dt., A.P.

*[Red handwritten marks]*



# Model Program Book



## SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH  
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

# **SEMESTER INTERNSHIP LONG TERM INTERNSHIP**

**(Onsite internship/virtual)**

**Name of the Student: JANGAM SRAVANI**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE,  
MOVVA**

**Registration Number: 2029223050014**

**Period of Internship: From: 20-12-2022 To: 13-03-2023**

**Name & Address of the Intern Organization: TCS iON  
(REMOTE  
INTERNSHIP)  
GACHABOWLI,  
HYDERABAD-500032  
TELANGANA.**

**KRISHNA UNIVERSITY**

**2020-2023**



**An Internship Report on**  
**AUTOMATE DETECTION OF DIFFERENT EMOTIONS**  
**FROM PARAGRAPHS AND PREDICT OVERALL**  
**EMOTION**

*Submitted in accordance with the requirement for the degree of*

**BACHELOR OF SCIENCE**

**IN**

**COMPUTER SCIENCE**

Submitted by:

**JANGAM SRAVANI**

**(Reg. No: 2029223050014)**

*Under the Faculty Guidance*

**N.KRISHNA MOHAN** MSc(physics)

*Lecturer in physics*



**DEPARTMENT OF COMPUTER SCIENCE**

**V.S.R.GOV'T DEGREE AND PG COLLEGE, MOVVA**

*Affiliated to Krishna University Approved By NAAC 'a'*

**MOVVA-521135**



## STUDENT'S DECLARATION

I, **JANGAM SRAVANI** a student of **AUTOMATE DETECTION OF DIFFERENT EMOTIONS FROM PARAGRAPHS&PREDICT OVERALL EMOTION** Program, Reg. No. **2029223050014** of the Department of **COMPUTER SCIENCE**, College do hereby declare that I have completed the mandatory internship from **20-12-2022** to **13-03-2023** in **TCS Ion (REMOTE INTERNSHIP)** under the Faculty Guidance of **N. KRISHNA MOHAN**, Department of **PHYSICS, V. S. R. GOVT. DEGREE & P.G. COLLEGE MOVVA.**

*J. Sravani*

*(Signature and Date)*

## OFFICIAL CERTIFICATION

This is to certify that JANGAM SRAVANI Reg. No. 2029223050014 has completed her Internship in *TCS ION(REMOTE INTERNSHIP)* on *AUTOMATE DETECTION OF DIFFERENT EMOTIONS FROM PARAGRAPHS&PREDICT OVERALL EMOTION* under my supervision as a part of partial fulfilment of the requirement for the Degree of **Bachelor of science(MPCS)** in the Department of **V. S. R. GOVT.DEGREE AND PG COLLEGE, MOVVA**. This is accepted for evaluation.

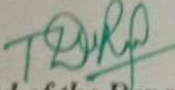
  
(Signatory with Date and Seal)

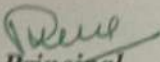
### Endorsements

Faculty Guide

*N. Veerana Polam*



  
Head of the Department

  
Principal

PRINCIPAL  
V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna Dt., A.P.

*A. Srinivas*

# CERTIFICATE FROM INTERN ORGANIZATION



tcs ion

TATA

## CERTIFICATE OF INTERNSHIP

This is to certify that

**Jangam Sravani**

has successfully completed Remote Internship

for **210** hours in project titled

**Automate Detection of Different Emotions from Paragraphs and Predict Overall Emotion**

by TCS ION from 20 Dec 2022 to 16 Mar 2023

TCS ION REMOTE INTERNSHIPS  
Academic Credits with Industry Mentors  
Cert. ID: 215-23564860-1016  
Dated: 16 Mar 2023



*Mihul Mehta*

Mihul Mehta  
Global Delivery Head - TCS ION,  
Tata Consultancy Services

JANGAM SRAVANI

(202223020044)



# Model Program Book



# SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH  
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

# **PROGRAM BOOK FOR LONG TERM INTERNSHIP**

**Name of the student** : **KOLLURI PREETHI**

**Name of the College** : **V. S. R. GOVT. DEGREE  
& P.G COLLEGE,  
MOVVA**

**Registration Number** : **2029223050018**

**Period of Internship** : **From: 20-12-2022 TO  
: 15-03-2023**

**Name & Address of the Intern Organization:** **TCS-ION REMOTE  
INTERSHIPS  
GACHABOWLI,  
HYDERABAD-500032  
TELANGHANA**

**KRISHANA UNIVERSITY**  
**2022-2023**

**An Internship report**  
**AUTOMATE IDENTIFICATION OF SEMANTICS**  
**ERRORS FOR ENABLING ERRORLESS PROOF READING**

*Submitted in accordance with the requirement for the degree Of BSC(COMPUTER SCIENCE)*



*Under the Faculty Guidance of*

**N.KRISHANA MOHAN**

*Lecturer in PHYSICS*

*Department of PHYSIC*

*V.S.R GOVERNMENT DEGREE & P.G College, Movva*

**Submitted by:**

**K.PREETHI**

**Reg. No: 2029223050018**

*Department of :PHYSICS*

**V.S.R GOVERNMENT DEGREE & P.G COLLEGE, MOVVA**



## STUDENT'S DECLARATION


I, KOLLURI PREETHI a student of AUTOMATE IDENTIFICATION OF SEMANTICS ERRORS FOR ENABLING ERRORLESS PROOF READING Program, Reg. No. 2029223050018 of the Department of physics College do hereby declare that I have completed the mandatory internship from 10-01-2023 to 20-03-2023 in TCS-ION REMOTE INTERSHIP under the Faculty Guidance of N.KRISHANA MOHAN, Department of physics, V. S. R. GOVT. COLLEGE M

K. Preethi  
(Signature and Date)

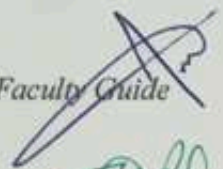
## OFFICIAL CERTIFICATION


This is to certify that KOLLURI PREETHI Reg. No. 2029223050018 has completed his/her Internship in TCS-ION(REMOTE INTERNSHIP) on AUTOMATE IDENTIFICATION OF SEMANTICS ERRORS FOR ENABLING ERRORLESS PROOF READING under my supervision as a part of partial fulfillment of the requirement for the Degree of BSC (MPCS) in the Department of V. S. R. GOVT. COLLEGE, MOVVA

This is accepted for evaluation.

  
(Signatory with Date and Seal)  


### Endorsements

  
Faculty Guide

  
Head of the Department

  
Principal

**V.S.R. Govt. Degree & P.G. College**  
**Movva - 521 135, Krishna Dt., A.P.**



# CERTIFICATE FROM INTERN ORGANIZATION

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Kolluri preethi**

*has successfully completed Remote Internship*

*for 210 hours in project titled*

***Automate Identification of Semantics Errors for Enabling Errorless Proof Reading***

*by TCS iON from 20 Dec 2022 to 15 Mar 2023*

**TCS ION REMOTE INTERNSHIPS**

Academic Credits with Industry Mentors

Get ID: 357-23584871-1016

Dated: 15 Mar 2023



*Mehul Mahta*

**Mehul Mahta**  
Global Delivery Head - TCS iON,  
Tata Consultancy Services

*Authorized Signatory with Date and Seal*



# **PROGRAM BOOK FOR LONG TERM INTERNSHIP**

**(ONSITE / VIRTUAL)**

**Name of the Student: KOMARAVOLU DEEPTHI PRIYANKA**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE,  
MOVVA**

**Registration Number: 2029223050019**

**Period of Internship: From: 20-12-2022 To: 15-03-2023**

**Name & Address of the Intern Organization: TCS iON REMOTE  
INTERNSHIPS  
SYNERGY PARK  
PREMISES, NEAR  
SURVEY NO: 26,  
GACHIBOWLI  
HYDERABAD-500032**

**KRISHNA UNIVERSITY  
2022- 2023**



**An Internship Report**  
**on**  
**DIGITAL BOOK DEVELOPMENT**

*Submitted in accordance with the requirement for the Degree of **BACHELOR OF COMPUTER SCIENCE(MPCS)***

**Submitted by:**

**KOMARAVOLU DEEPTHI PRIYANKA**

**Reg. No: 2029223050019**

*Under the Faculty Guidance of*

**N KRISHNA MOHAN (MSC)PHYSICS**

**Lecturer in PHYSICS**



**DEPARTMENT OF PHYSICS**

**V.S.R GOVERNMENT DEGREE & P.G COLLEGE**

**Affiliated to Krishna University Approved by NAAC 'A'**

**MOVVA-521136**

## Student Declaration

I, KOMARAVOLU DEEPTHI PRIYANKA a Student of BACHELOR OF COMPUTER SCIENCE(MPCS) program, Reg.No.2029223050019 of the department of COMPUTER SCIENCE, V.S.R Government Degree and PG College do here by declare that I have completed the mandatory internship from 20-12-2022 to 15-03-2023 in TCS iON REMOTE INTERNSHIP under the Faculty Guidance of KRISHNA MOHAN N, Department of PHYSICS, V.S.R Government Degree and PG College.

K. Deepthi Priyanka  
31/3/2023  
(Signature and Date)





# Official Certificate

This is to certify that KOMARVOLU DEEPTHI PRIYANKA Reg. No. 2029223050019 has completed her Internship in TCS ION REMOTE INTERNSHIP on DIGITAL BOOK DEVELOPMENT under my supervision as a part of partial fulfilment of the requirement for the Degree of BACHELOR OF COMPUTER SCIENCE(MPCs) in the Department of COMPUTER SCIENCE, V.S.R Government Degree and PG College.

This is accepted for evaluation.

  
(Signatory with Date and Seal)

## Endorsements

Faculty Guide



  
Head of the Department

  
Principal

PRINCIPAL

V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna Dt., A.P.





# Certificate from Intern Organization

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

This is to certify that

**komaravolu priyanka**

has successfully completed Remote Internship

for 210 hours in project titled

**Digital Book Development (Advanced)**

by TCS iON from 20 Dec 2022 to 15 Mar 2023.

TCS iON REMOTE INTERNSHIPS  
Academic Credits with Industry Mentors  
Cert. ID: 356-23584843-1016  
Dated: 15 Mar 2023



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head - TCS iON,  
Tata Consultancy Services



# Model Program Book



## SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH  
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)



# **SEMESTER INTERNSHIP LONG TERM INTERSHIP**

**Name of the Student: MADDALA RAMYA**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA**

**Registration Number: 2029223050021**

**Period of Internship: From: 20-12-2022 to: 16-03-2023**

**Name & Address of the Intern Organization: TCS ION REMOTE,  
GACHIBOELI,  
HYDERABAD-500032  
TELANGANA.**

**An Internship Report on**  
**Automate detection of different emotions from paragraphs and**  
**predict overall emotions**  
*Submitted in accordance with the requirement for the degree of BSc(MPCS)*



*Under the Faculty Guidance of*

**N. SWARANA JYOTHI**

**N.SWARANA JYOTHI Lecturer in COMPUTER SCIENCE**

*Department of*

**COMPUTER SCIENCE**

**V.S.R GOVERNMENT DEGREE & P.G College, Movva**

**Submitted by:**

**MADDALA RAMYA**

**Reg. No: 2029223050021**

*Department of: COMPUTER SCIENCE*

**V.S.R GOVERNMENT DEGREE & P.G COLLEGE, MOVVA**



## Student's Declaration

I, MADDALA RAMYA a student of Automate detection of different emotion from paragraphs and predict overall emotion Program, Reg. No. 2029223050021 of the Department of COMPUTER SCIENCE College do hereby declare that I have completed the mandatory internship from 20-12-2022 to 16-03-2023 in TCS-iON under the Faculty Guidance of N.SWARANA JYOTHI, Department of COMPUTER SCIENCE, V. S. R. GOVT. COLLEGE MOVVA.

*M. Ramya*  
(Signature and Date)



# Certificate from Intern Organization

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Maddala Ramya**

*has successfully completed Remote Internship*

*for 210 hours in project titled*

***Automate Detection of Different Emotions from Paragraphs and Predict Overall Emotion***

*by TCS iON from 20 Dec 2022 to 16 Mar 2023.*

TCS iON REMOTE INTERNSHIPS  
Academic Credits with Industry Mentors  
Cert. ID: 215-23504819-1016  
Date: 16 Mar 2023



*Mehal Mehta*

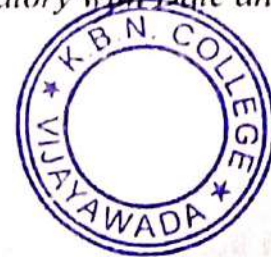
Mehal Mehta  
Global Delivery Head - TCS iON,  
Tata Consultancy Services

# Official Certification

This is to certify that MADDALA RAMYA Reg. No. 2029223050021 has completed his/her Internship in TCS-ion on Automate detection of different emotions from paragraphs and predict overall emotions under my supervision as a part of partial Fulfillment of the requirement for the Degree of BSC (MPCS) in the Department COMPUTER SCIENCE of V. S. R. GOVT. COLLEGE, MOVVA

This is accepted for evaluation.

*(Signatory with Date and Seal)*



## Endorsements

*N.S. Jyothi*  
Faculty Guide

*N.S. Jyothi*  
Head of the Department

*[Signature]*  
Principal

PRINCIPAL  
V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna Dt., A.P.

*A.A.*



# **PROGRAM BOOK FOR LONG TERM INTERNSHIP**

*(ONSITE/VIRTUAL)*

**Name of the Student: MATTA DEEPTHI**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA**

**Registration Number: 2029223050024**

**Period of Internship: From: 20-12-2022 To: 15-03-2023**

**Name & Address of the Intern Organization: TCS-iON REMOTE  
INTERSHIPS  
GACHABOWLI,  
HYDERABAD-500032  
TELANGHANA**

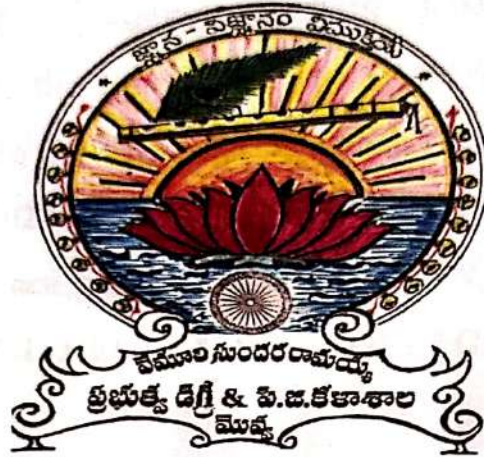
**KRISHNA UNIVERSITY  
2022-2023**





**AN INTERNSHIP REPORT  
ON  
AUTOMATE DETECTION OF DIFFERENT SENTIMENTS FROM A  
PARAGRAPH AND PREDICT OVERALL SENTIMENT**

*Submitted in accordance with the requirement for the degree of B. Sc (MPCS)*



*Under the Faculty Guidance of*

**SWARNA JYOTHI N, M.TECH.,**

*Lecturer in Computer science*

*Department of*

**COMPUTER SCIENCE**

**V.S.R GOVERNMENT DEGREE & P.G College, Movva**

**Submitted by:**

**MATTA DEEPTHI**

**Reg. No: 2029223050024**

*Department of: COMPUTER SCIENCE*

**V.S.R GOVERNMENT DEGREE & P.G COLLEGE, MOVVA**

## Student's Declaration

I, **MATTA DEEPTHI** a student of TCS ION RIO-210 Program, Reg. No. **2029223050024** of the Department of COMPUTER SCIENCE, V.S.R GOVT DEGREE & PG College do hereby declare that I have completed the mandatory internship from **20-12-2022** to **15-03-2023** in **TCS ION REMOTE INTERNSHIP** under the Faculty Guidance of **SWARNA JYOTHI N**, Department of COMPUTER SCIENCE, **V. S. R. GOVT. DEGREE & PG COLLEGE MOVVA**.


*M. Deepthi*  
(Signature and Date)



# Official Certification

This is to certify that **MATTA DEEPTHI** Reg. No. **2029223050024** has completed his/her Internship in **TCS-ion REMOTE INTERNSHIP** on **AUTOMATE DETECTION OF DIFFERENT SENTIMENTS FROM A PARAGRAPH AND PREDICT OVERALL SENTIMENT** under my supervision as a part of partial fulfillment of the requirement for the Degree of BSC (MPCS) in the Department of Computer Science

This is accepted for evaluation.

  
(Signatory with Date and Seal)  


## Endorsements

  
Faculty Guide

  
Head of the Department

  
Principal

**PRINCIPAL**  
**V.S.R. Govt. Degree & P.G. College**  
**Movva - 521 135, Krishna Dt., A.P.**





# Certificate from Intern Organization

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Matta Deepthi**

*has successfully completed Remote Internship*

*for 210 hours in project titled*

***Automate Detection of Different Sentiments from Paragraphs and Predict Overall Sentiment***

*by TCS iON from 20 Dec 2022 to 15 Mar 2023.*

**TCS iON REMOTE INTERNSHIPS**  
Academic Credits with Industry Mentors  
Cert. ID: 226-23584886-1016  
Dated: 15 Mar 2023



*Mehul Mehta*  
**Mehul Mehta**  
Global Delivery Head - TCS iON,  
Tata Consultancy Services





# Model Program Book



# SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH  
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

# **PROGRAM BOOK FOR LONG TERM INTERNSHIP**

*(ONSITE/VIRTUAL)*

**Name of the Student: MATTA PASI**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA**

**Registration Number: 2029223050025**

**Period of Internship: From: 20-12-2022 To: 15-03-2023**

**Name & Address of the Intern Organization: TCS-ION REMOTE  
INTERSHIPS  
GACHABOWLI,  
HYDERABAD-500032  
TELANGHANA**

**KRISHNA UNIVERSITY**

**2020-2023**





## STUDENT'S DECLARATION

I, **MATTA PASI** a student of **TCS ION RIO-210** Program, Reg. No. **2029223050025** of the Department of **COMPUTER SCIENCE, V.S.R GOVT DEGREE & PG College** do hereby declare that I have completed the mandatory internship from **20-12-2022** to **15-03-2023** in **TCS ION REMOTE INTERNSHIP** under the Faculty Guidance of **SWARNA JYOTHI**, Department of **COMPUTER SCIENCE, V. S. R. GOVT. DEGREE & PG COLLEGE MOYVA.**

*Matta Pasi*  
*31/03/23*  
*(Signature and Date)*

# OFFICIAL CERTIFICATION

This is to certify that MATTA PASI Reg. No.2029223050025 has completed his/her Internship in TCS-ION REMOTE INTERNSHIP on AUTOMATE DETECTION OF DIFFERENT SENTIMENTS FROM A PARAGRAPH AND PREDICT OVERALL SENTIMENT under my supervision as a part of partial fulfillment of the requirement for the Degree of BSC (MPCS) in the Department of V. S. R. GOVT DEGREE AND PG COLLEGE, MOVVA

This is accepted for evaluation.

*(Signatory with Department Seal)*  


## Endorsements

*N. S. Jyothsna*  
Faculty Guide

*N. S. Jyothsna*  
Head of the Department

*[Signature]*  
Principal

**PRINCIPAL**  
V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna

*[Handwritten signature]*



# CERTIFICATE FROM INTERN ORGANIZATION

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Matta Pasi**

*has successfully completed Remote Internship*

*for 210 hours in project titled*

***Automate Detection of Different Sentiments from Paragraphs and Predict Overall Sentiment***

*by TCS iON from 20 Dec 2022 to 15 Mar 2023 .*

TCS ION REMOTE INTERNSHIPS  
Academic Credits with Industry Mentors  
Cert ID: 225-23584830-1016  
Dated: 15 Mar 2023



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head - TCS ION,  
Tata Consultancy Services

# **SEMESTER INTERNSHIP LONG TERM INTERSHIP**

**(ON SITE / VIRTUAL)**

**Name of the Student: MOORATHOTA JASWANTHI**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA**

**Registration Number: 2029223050026**

**Period of Internship: From: 20-12-2022 to: 6-03-2023**

**Name & Address of the Intern Organization: TCS iON REMOTE,  
GACHIBOELI,  
HYDERABAD-500032,  
TELANGANA.**

# **An Internship Report on**

**AUTOMATE DETECTION OF DIFFERENT EMOTIONS FROM PARAGRAPHS  
AND PRIDICT OVERALL EMOTIONS**

*Submitted in accordance with the requirement for the degree  
Bsc (Computer science)*



*Under the Faculty Guidance of*

***N.SWARNA JYOTHI***

***N.SWARNA JYOTHI Lecturer in Computer science***

*Department of Computer science*

***V.S.R GOVERNMENT DEGREE & P.G College, Movva,***

**Submitted by:**

**MOORATHOTA JASWANTHI**

**Reg. No: 2029223050026**

***Department of: Computer science***

***V.S.R GOVERNMENT DEGREE & P.G COLLEGE, MOVVA***



## Student's Declaration

I, MOORATHOTA JASWANTHI a student of AUTOMATE DETECTION OF DIFFERENT EMOTIONS FROM PARAGRAPHS AND PRIDICT OVERALLEMOTIONS, Reg. No. 2029223050026 of the Department of Computer science College do hereby declare that I have completed the mandatory internship from 20-12-2022 to 6-03-2023 in TCS iON REMOTE INTERNSHIP under the Faculty Guidance of N.SWRNA JYOTHI, Department of Computer science, V. S. R. GOVT. COLLEGE MOVVA.

M. Jaswanthi  
(Signature and Date)

# Official Certification

This is to certify that MOORATHOTA JASWANTHI RegNo. 2029223050026 has completed his/her Internship in TCS ION on AUTOMATE DETECTION OF DIFFERENT EMOTIONS FROM PARAGRAPHS AND PREDICT OVERALL EMOTIONS under my supervision as a part of partial fulfilment of the requirement for the Degree of B.SC(MPCs) in the Department of V.S.R. GOVT. COLLEGE, MOVVA

This is accepted for evaluation.

  
(Signatory with Date and Seal)



## Endorsements

  
Faculty Guide

  
Head of the Department

  
Principal



# Certificate from Intern Organization



TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**MOORATHOTA JASWANTHI**

*has successfully completed Remote Internship*

*for **210** hours in project titled*

***Automate Detection of Different Emotions from Paragraphs and Predict Overall Emotion***

*by TCS iON from 20 Dec 2022 to 06 Mar 2023.*

TCS iON REMOTE INTERNSHIPS  
Academic Credits with Industry Mentors  
Cert. ID: 215-23584856-1016  
Dated: 06 Mar 2023



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head - TCS iON,  
Tata Consultancy Services



# Model Program Book



# SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH  
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)



# **SEMESTER INTERNSHIP**

## **LONG TERM INTERNSHIP**

**(Onsite internship/virtual)**

**Name of the Student : MURARI HEMASRI**

**Name of the College : V. S. R. GOVT. DEGREE & P.G  
COLLEGE, MOVVA**

**Registration Number : 2029223050027**

**Period of Internship: From : 20-12-2022 To: 13-03-2023**

**Name & Address of the Intern Organization:**

**TCS iON (REMOTE INTERNSHIP)**

**GACHABOWLI, HYDERABAD-500032**

**TELANGANA.**

**KRISHNA UNIVERSITY**

**2020-2023**

**An Internship Report on  
AUTOMATE DETECTION OF DIFFERENT  
EMOTIONS FROM PARAGRAPHS AND  
PREDICT OVERALLEMOTION**

*Submitted in accordance with the requirement for the degree of*

***BACHELOR OF SCIENCE  
IN  
COMPUTER SCIENCE***

Submitted by:

**MURARI.HEMASRI  
(Reg. No: 2029223050027)**

*Under the Faculty Guidance*

**N.SWARNA JYOTHI, M.Tech.,**

*Lecturer in computer science*



***DEPARTMENT OF COMPUTER SCIENCE***

**V.S.R.GOVT DEGREE AND PG COLLEGE, MOVVA**

*Affiliated to Krishna University Approved By NAAC 'a'*

**MOVVA-521135**



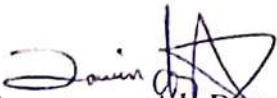
## STUDENT'S DECLARATION

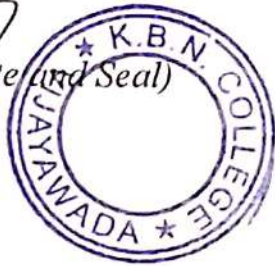
I, MURARI HEMASRI a student of AUTOMATE DETECTION OF DIFFERENT EMOTIONS FROM PARAGRAPHS&PREDICT OVERALL EMOTION Program, Reg. No.2029223050027 of the Department of COMPUTER SCIENCE, College do hereby declare that I have completed the mandatory internship from 20-12-2022 to 13-03-2023 in TCS iON(REMOTE INTERNSHIP) under the Faculty Guidance of N.SWARNA JYOTHI , Department of COMPUTER SCIENCE ,V. S. R. GOVT. DEGREE & P..G. COLLEGE MOVVA.

M. Hemasri  
31/03/23  
(Signature and Date)

# OFFICIAL CERTIFICATION

This is to certify that MURARI HEMASRI Reg. No. 2029223050027 has completed her Internship in *TCS iON(REMOTE INTERNSHIP)* on *AUTOMATE DETECTION OF DIFFERENT EMOTIONS FROM PARAGRAPHS & PREDICT OVERALL EMOTION* under my supervision as a part of partial fulfilment of the requirement for the Degree of Bachelor of science(MPCS) in the Department of *V. S. R. GOVT.DEGREE AND PG COLLEGE , MOVVA.*  
This is accepted for evaluation.

  
(Signatory with Date and Seal)



**Endorsements**

  
Faculty Guide

  
Head of the Department

  
Principal

**PRINCIPAL**

V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna Dt., A.P.



# CERTIFICATE FROM INTERN ORGANIZATION

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Murari Hemasri**

*has successfully completed Remote Internship*

*for 210 hours in project titled*

***Automate Detection of Different Emotions from Paragraphs and Predict Overall Emotion***

*by TCS iON from 20 Dec 2022 to 13 Mar 2023 .*

**TCS iON REMOTE INTERNSHIPS**

Academic Credits with Industry Mentors

Cert. ID: 215-23584875-1016

Dated: 13 Mar 2023



*Mehul Mehta*

**Mehul Mehta**

**Global Delivery Head - TCS iON,  
Tata Consultancy Services**



**SEMESTER  
INTERNSHIP  
LONG TERM INTERNSHIP  
(ONSITE/VIRTUAL)**

**Name of the Student: MURARI SHALINI**

**Name of the College : V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA**

**Registration Number : 2029223050028**

**Period of Internship: From : 20-12-2022 To: 16-03-2023**

**Name & Address of the Intern Organization: TCS ION  
REMOTE INTERNSHIPS  
GACHIBOWLI, 500032  
HYDERABAD**



**Internship Report**  
**on**  
**AUTOMATE DETECTION OF DIFFERENT EMOTIONS FROM**  
**PARAGRAPHS AND PREDICT OVERALL EMOTION**

A Project report submitted in partial  
Fulfilment of the requirements for the award of the degree of

**BACHELOR OF SCIENCE**

**IN**

**COMPUTER SCIENCE**

Submitted By

**MURARI SHALINI**

**(2029223050028)**

Under the Guidance of

**N.SWARNA JYOTHI, M.Tech**

Lecturer in computer science



**DEPARTMENT OF COMPUTER SCIENCE**

**V.S.R GOVT.DEGREE & PG COLLEGE**

**Affiliated to Krishna university approved by NAAC 'A'**

## Student's Declaration

I, MURARI SHALINI a student of AUTOMATE DETECTION OF DIFFERENT EMOTIONS FROM PARAGRAPHS AND PREDICT OVERALL EMOTION Program, Reg. No. 2029223050028 of the Department of COMPUTERS College do hereby declare that I have completed the mandatory internship from 20-12-2022 to 16-03-2023 in TCS iON under the Faculty Guidance of N. SWARNA JYOTHI, Department of COMPUTERS, V. S. R. GOVT. COLLEGE MOVVA.

M. Shalini .  
(Signature and Date)





# Official Certification

This is to certify that **MURARI SHALINI** Reg. No. 2029223050028 has completed his/her Internship in TCS iON on AUTOMATE DETECTION OF DIFFERENT EMOTIONS FROM PARAGRAPH AND PREDIOVERALL EMOTION under my supervision as a part of partial Fulfilment of the requirement for the Degree of BSC (MPCS) in the Department of computer science V. S. R. GOVT. DEGREE AND P.G COLLEGE, MOVVA

This is accepted for evaluation.

  
(Signatory with Date and Seal)

## Endorsements

  
Faculty Guide

  
Head of the Department

Principal

  
**PRINCIPAL**  
V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna Dt., A.P.





# Certificate from Intern Organization

**tcs iON**

**TATA**

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Murari Shalini**

*has successfully completed Remote Internship*

*for 210 hours in project titled*

***Automate Detection of Different Emotions from Paragraphs and Predict Overall Emotion***

*by TCS iON from 20 Dec 2022 to 16 Mar 2023*

**TCS iON REMOTE INTERNSHIPS**  
Academic Credits with Industry Mentors  
Cert. ID: 215-23584873-1016  
Dated: 16 Mar 2023



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head - TCS iON,  
Tata Consultancy Services

**PROGRAM BOOK FOR  
LONG TERM INTERSHIP**

(ON SITE/VIRTUAL)

**Name of the Student: MURARI TRIPUJITHA**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA**

**Registration Number: 2029223050029**

**Period of Internship: From: 20-12-2022 To: 10-03-2023**

**Name & Address of the Intern Organization: TCS iON REMOTE,  
GACHIBOWLI,  
HYDERABAD-500032,  
TELANGA**

**KRISHNA UNIVERSITY  
(2020-2023)**



**An Internship Report on**  
**AUTOMATE IDENTIFICATION AND RECOGNITION**  
**OF HAND WRITTEN TEXT FROM AN IMAGE**



*Submitted in accordance with the requirement for the degree of*  
**BSc (computer science)**

*Under the Faculty Guidance of*

**RAFIAH .SB (M.TECH)**

*Lecturer in computers*

*Department of COMPUTER SCIENCE*

**V.S.R GOVERNMENT DEGREE & P.G COLLEGE, MOVVA**

**Submitted by:**

**MURARI TRIPUJITHA**

**Reg. No: 2029223050029**

**V.S.R GOVERNMENT DEGREE & P.G COLLEGE, MOVVA**

## Student's Declaration

I, **MURARI TRIPUJITHA** a student of  
AUTOMATE IDENTIFICATION AND RECOGNITION OF HAND WRITTEN TEXT  
FROM AN IMAGE Program, Reg. No. 2029223050029 of the  
Department of COMPUTER SCIENCE College do hereby declare that I have  
completed the mandatory internship from 20-12-2022 to 10-03-2023 in TCS ION  
REMOTE INTERNSHIP under the Faculty Guidance of SB.RAFIAH, Department of  
COMPUTER SCIENCE, V. S. R. GOVT. COLLEGE MOVVA.

*M. Tripujitha.*  
(Signature and Date)

## Official Certification

This is to certify that MURARI TRIPUJITHA Reg. No. 2029223050029 has completed his/her Internship in TCS iON REMOTE INTERNSHIP on *AUTOMATE IDENTIFICATION AND RECOGNITION OF HAND WRITEN TEXT FROM AN IMAGE* under my supervision as a part of partial fulfillment of the requirement for the Degree of BSC (MPC 'S) in the

Department of V. S. R. GOVT DEGREE AND PG COLLEGE, MOVVA

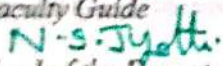
This is accepted for evaluation.

  
(Signatory with Date and Seal)



### Endorsements

  
Faculty Guide

  
Head of the Department

  
Principal

PRINCIPAL

V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna Dt., A.P.



## Certificate from Intern Organization

TCS ION

TATA

# CERTIFICATE *Of* INTERNSHIP

This is to certify that

**Murari Tripujitha**

has successfully completed Remote Internship

for **210** hours in project titled

**Automate Identification and Recognition of Handwritten Text from an Image**

by TCS ION from 20 Dec 2022 to 09 Mar 2023.

TCS ION REMOTE INTERNSHIPS  
Academic Credits with Industry Mentors  
Cert. ID: 158-2158-4885-1016  
Dated: 16 Mar 2023



*Mehul Mehta*  
Mehul Mehta  
Global Delivery Head - TCS ION,  
Tata Consultancy Services

**SEMESTER  
INTERNSHIP**

**LONG TERM INTERNSHIP**

**(ON SITE/VIRTUAL)**

**Name of the Student: PEYYALA VEERAKOTESWARARAO**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA**

**Registration Number: 2029223050031**

**Period of Internship: From: 20-12-2022 to 16-03-2023**

**Name & Address of the Intern Organization: TCS ION  
REMOTE INTERNSHIP  
GACHIBOWLI, -500032  
HYDERABAD**



**An Internship Report on  
DIGITAL BOOK DEVELOPMENT**

Submitted in accordance with the requirement for the degree of BSc(Computers)



Under the Faculty Guidance

**RAFIAH SB (M.TECH)**

Lecturer in COMPUTER SCIENCE

Department of COMPUTER SCIENCE

Submitted by

**PEYYALA VEERAKOTESWARARAO**

**Reg. No: 202922305031**

Department of Computer Science

**V.S.R GOVERNMENT DEGREE & P.G COLLEGE, MOVVA**

**Affiliated to krishna university approved by Naac 'A'**



## Student's Declaration

I, PEYYALA VEERAKOTESWARARAO a student of DIGITAL BOOK DEVELOPMENT Program, Reg. No.202922305003 of the Department of COMPUTER SCIENCE, V.S.R GOVERNMENT DEGREE AND PG College do hereby declare that I have completed the mandatory internship from 20-12-2022 to 16-03-2023 in TCS ION REMOTE INTERNSHIP under the Faculty Guidance of RAFIAH SB, Department of COMPUTER SCIENCE, V. S. R. GOVERNMENT DEGREE AND PG COLLEGE.

P.veerakoteswararao

(Signature and Date)



## Official Certification

This is to certify that PEYYALA VEERAKOTESWARARAO Reg. No. 2029223050031 has completed her Internship in TCS ION REMOTE INTERNSHIP on DIGITAL BOOK DEVELOPMENT under my supervision as a part of partial fulfillment of the requirement for the Degree of BSC (MPCS) in the Department of Computer Science, V. S. R. GOVERNMENT DEGREE AND PG COLLEGE.

This is accepted for evaluation.



### Endorsements

*G. B. Rafiah*

Faculty Guide

*N. S. Jyoth*  
Head of the Department

*[Signature]*  
Principal

*A. K.*

**PRINCIPAL**  
V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna Dist.

# Certificate from Intern Organization

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Peyyala veerakoteswararao**

*has successfully completed Remote Internship*

*for 210 hours in project titled*

***Digital Book Development (Advanced)***

*by TCS iON from 20 Dec 2022 to 16 Mar 2023*

TCS iON REMOTE INTERNSHIPS

Academic Credits with Industry Mentors

Get. ID: 356-23584848 1016

Dated: 16 Mar 2023



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head - TCS iON,  
Tata Consultancy Services



# Model Program Book



# SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH  
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

# **SEMESTER INTERNSHIP LONG TERM INTERNSHIP**

**(ON SITE /VIRTUAL)**

**Name of the Student: SAILAJA PUVVADA**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE,  
MOVVA**

**Registration Number: 2029223050033**

**Period of Internship: From: 20-12-2022 To: 16-03-2023**

**Name & Address of the Intern Organization: TCS-iON REMOTE  
INTENSHIP  
GACHIBOWLI,  
HYDERABAD-500032**

**KRISHNA UNIVERSITY**

**2020-2023**



**An Internship Report on  
AUTOMATE IDENTIFICATION OF SEMANTIC ERRORS  
FOR ENABLING ERROR LESS PROOF READING**

*Submitted in accordance with the requirement for the degree of*

**BACHELOR OF SCIENCE**

**IN**

**COMPUTR SCIENCE**

Submitted by

**P. SAILAJA**

**Reg. No: 2029223050033**

*Under the Faculty Guidance of*

***RAFIAH SB, M.Tech***

*Lecturer in COMPUTER SCIENCE*



**DEPARTMENT OF COMPUTER SCIENCE**

***V.S.R GOVERNMENT DEGREE & P.G College, Movva-521135***

Affiliated to Krishna University Approved by NAAC 'A'



## STUDENT'S DECLARATION

I, SAILAJA PUVVADA a student of AUTOMATE IDENTIFICATION OF SEMANTICS ERRORS FOR ENABLING ERRORLESS PROOF READING Program, Reg. No. \_\_\_2029223050033 of the Department of COMPUTER SCIENCE College do hereby declare that I have completed the mandatory internship from 20-12-2022 to 16-03-2023 in TCS-ION REMOTE\_INTERNSHIP under the Faculty Guidance of RAFIAH , Department of COMPUTER SCIENCE, V. S. R. GOVT. DEGREE &PG COLLEGE MOVVA.

*P. Sailaja.*  
(Signature and Date)

## OFFICIAL CERTIFICATION

This is to certify that SAILAJA PUVVADA Reg. No. 2029223050033 has completed his/her Internship in *TCS-ion REMOTE INTERNSHIP* on *AUTOMATE IDENTIFICATION OF SEMANTICS ERRORS FOR ENABLING ERRORLESS PROOF READING* under my supervision as a part of partial fulfillment of the requirement for the Degree of BSC (MPCs) in the Department of *V. S. R. GOVT. DEGREE & PG COLLEGE, MOVVA.*

This is accepted for evaluation.

  
(Signatory with Date and Seal)

### Endorsements

  
Faculty Guide

  
Head of the Department

  
Principal

**PRINCIPAL**  
V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna Dt., A.P.





# CERTIFICATE FROM INTERN ORGANIZATION

**tcs iON**

**TATA**

## CERTIFICATE INTERNSHIP

*This is to certify that*

**Sailaja Puvvada**

*has successfully completed Remote Internship*

*for 210 hours in project titled*

***Automate Identification of Semantics Errors for Enabling Errorless Proof Reading***

*by TCS iON from 20 Dec 2022 to 16 Mar 2023.*

**TCS iON REMOTE INTERNSHIPS**  
Academic Credits with Industry Mentors  
Cert. ID: 357-23584854-1016  
Dated: 16 Mar 2023



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head - TCS iON,  
Tata Consultancy Services



# Model Program Book



# SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH  
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

# **PROGRAM BOOK FOR LONG TERM INTERSHIP**

**(ONSITE/VIRTUAL)**

**Name of the Student: REDROUTHU VANDANASRI**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE,  
MOVVA**

**Registration Number: 2029223050034**

**Period of Internship: From: 20-12-2022 to: 15-03-2023**

**Name & Address of the Intern Organization: TCS iON REMOTE,  
GACHIBOWLI,  
HYDERABAD-500032,  
TELANGANA**

**KRISHNA UNIVERSITY  
2022-2023**



# **An Internship report on**

**AUTOMATE IDENTIFICATION OF SEMANTICS ERRORS FOR ENABLING  
ERRORLESS PROOF READING**

*Submitted in accordance with the requirement for the degree of  
BSC(COMPUTERS SCIENCE)*



*Under the Faculty guidance of*

***RAFIAH.SB (M.TECH)***

*Lecturer in COMPUTERS SCIENCE*

*Department OF COMPUTER SCIENCE*

*V.S.R GOVERNMENT DEGREE & P.G COLLEGE, MOVVA*

**Submitted by:**

**REDROUTHU VANDANASRI**

**Reg. No: 2029223050034**

Department of Computer science

*V.S.R GOVERNMENT DEGREE & P.G COLLEGE, MOVVA*



## STUDENT'S DECLARATION

LREDROUTHU VANDANASRI a student of AUTOMATE IDENTIFICATION OF SEMANTICS ERRORS FOR ENABLING ERRORLESS PROOF READING Program, Reg. No.2029223050034 of the Department of COMPUTER SCIENCE College do hereby declare that I have completed the mandatory internship from 10-01-2023 to 20-03-2023 in TCS ION REMOTE INTERNSHIP under the Faculty Guidance of RAFLAH.SB, Department of COMPUTER SCIENCE, V. S. R. GOVT. COLLEGE MOVVA.

*P. Vandana Srid*  
(Signature and Date)

# OFFICIAL CERTIFICATION

This is to certify that REDROUTHU VANDANASRI Reg. No. 2029223050034 has completed his/her Internship in TCS iON REMOTE INTERNSHIP on AUTOMATE IDENTIFICATION OF SEMANTIC ERRORS FOR ENABLING ERRORLESS PROOF READING under my supervision as a part of partial fulfillment of the requirement for the Degree of BSC (MPC 'S) in the Department of V. S. R. GOVT DEGREE AND PG COLLEGE, MOVVA This is accepted for evaluation.

*Damin*  
(Signatory with Date and Seal)



## Endorsements

*S. B. Kefial*  
Faculty Guide

*S. B. Kefial*  
Head of the Department

*[Signature]*  
Principal

*[Handwritten mark]*

**PRINCIPAL**

V. S. R. Govt. Degree & P.G. College,  
Movva - 521 135, Krishna Dt., A.P.



# CERTIFICATE FROM INTERN ORGANIZATION

**tcs ion**

**TATA**

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Redrouthu vandanasri**

*has successfully completed Remote Internship*

*for 210 hours in project titled*

***Automate Identification of Semantics Errors for Enabling Errorless Proof Reading***

*by TCS ION from 20 Dec 2022 to 15 Mar 2023*

**TCS ION REMOTE INTERNSHIPS**

**Academic Credits with Industry Mentors**

**Cont. No: 957-23584867-1016**

**Dated: 15 Mar 2023**



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head - TCS ION,  
Tata Consultancy Services



# **PROGRAM BOOK FOR**

## **LONG TERM INTERSHIP**

**(ON SITE/VIRTUAL)**

**Name of the Student: SEELAM BINDU**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA**

**Registration Number: 2029223050035**

**Period of Internship: From: 8-12-2022 to: 10-03-2023**

**Name & Address of the Intern Organization: TCS ion REMOTE,  
GACHIBOWLI,  
HYDERABAD-500032,  
TELANGANA**

**KRISHNA UNIVERSITY  
2022-2023**

# An Internship Report on

**\*\*AUTOMATE IDENTIFICATION AND RECOGNITION OF HAND WRITTEN  
TEXT FROM AN IMAGE\*\***

*Submitted in accordance with the requirement for the degree of BSC(MPCs)*



*Under the faculty guidance of*

*RAFIAH SB (M.TECH)*

*Lecturer in computer science*

*Department of COMPUTER SCIENCE*

*V.S.R GOVERNMENT DEGREE & P.G COLLEGE, MOVVA*

**Submitted by:**

**SEELAM BINDU**

**Reg. No: 2029223050035**

*V.S.R GOVERNMENT DEGREE & P.G COLLEGE, MOVVA*

## Student's Declaration

I, SEELAM BINDU a student of IDENTIFICATION AND RECOGNITION OF HANDWRITTEN TEXT FROM AN IMAGE Program, Reg. No.2029223050035 of the Department of Computer Science College do hereby declare that I have completed the mandatory internship from 8-12-2022 to 10-03-2023 in TCS Remote Internship under the Faculty Guidance of RAFAH.SB, Department of Computer Science, V. S. R. GOVT. COLLEGE, MOVVA.

S. Bindu

*(Signature and Date)*



# Official Certification

This is to certify that SEELAM BINDU Reg. No. 2029223050035 has completed his/her Internship in TCS on REMOTE INTERNSHIP on Automate IDENTIFICATION AND RECOGNITION OF HAND WRITEN TEXT FROM AN IMAGE under my supervision as a part of partial fulfillment of the requirement for the Degree of BSC (MPC 'S) in the Department of V. S. R. GOVT DEGREE AND PG COLLEGE, MOVVA

This is accepted for evaluation.

*(Signatory with Date and Seal)*



## Endorsements

*S. B. Rafian*  
Faculty Guide

*N.S. Tyth.*  
Head of the Department

*[Signature]*  
Principal

**PRINCIPAL**

**V.S.R. Govt. Degree & P.G. College  
Movva - 521 136, Krishna DC, A.P.**

*[Red signature]*

# Certificate from Intern Organization

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Seelam Bindu**

*has successfully completed Remote Internship*

*for 210 hours in project titled*

***Automate Identification and Recognition of Handwritten Text from an Image***

*by TCS iON from 08 Dec 2022 to 10 Mar 2023.*

**TCS ION REMOTE INTERNSHIPS**  
Academic Credits with Industry Mentors  
Cert ID: 358 23584858 1016  
Dated: 10 Mar 2023



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head - TCS iON,  
Tata Consultancy Services

# **PROGRAM BOOK FOR LONG TERM INTERNSHIP**

**(ONSITE / VIRTUAL)**

**Name of the Student: VEERANKI PRASANTHI**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE,  
MOVVA**

**Registration Number: 2029223050038**

**Period of Internship: From: 20-12-2022 To: 15-03-2023**

**Name & Address of the Intern Organization: TCS iON REMOTE  
INTERNSHIPS  
SYNERGY PARK  
PREMISES, NEAR  
SURVEY NO: 26,  
GACHIBOWLI  
HYDERABAD-500032**

**KRISHNA UNIVERSITY  
2022- 2023**





# An Internship Report on

## DIGITAL BOOK DEVELOPMENT

Submitted in accordance with the requirement for the degree of  
BACHELOR OF COMPUTER SCIENCE(MPCS)

Submitted by:

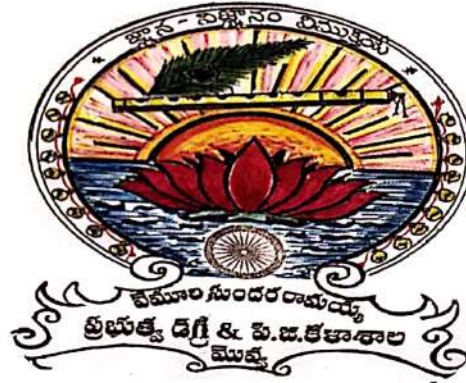
**V.PRASANTHI**

Reg.No: 2029223050038

Under the Faculty Guidance of

**RAFIAH.SB**

Lecturer of COMPUTER SCIENCE



DEPARTMENT OF COMPUTER SCIENCE

**V.S.R GOVT DEGREE & P.G COLLEGE**

Affiliated to Krishna University Approved by NAAC 'A'

MOVVA-521136

## Student Declaration

I, VEERANKI PRASANTHI a Student of BACHELOR OF COMPUTER SCIENCE(MPCS) program, Reg.No.2029223050038 of the department of COMPUTER SCIENCE,V.S.R Government Degree and PG College do hereby declare that I have completed the mandatory internship from 20-12-2022 to 15-03-2023 in TCS iON REMOTE INTERNSHIP under the Faculty Guide ship of Rafiah S B, Department of computer Science, V.S.R Government Degree and PG College.

*V. Prasanthi*  
(Signature and Date)

# Official Certificate


This is to certify that **VEERANKI PRASANTHI** Reg. No. 2029223050038 has completed her Internship in TCS ION REMOTE INTERNSHIP on **DIGITAL BOOK DEVELOPMENT** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF COMPUTER SCIENCE(MPCS)** in the Department of Computer Science, **V.S.R Government Degree and PG College**.

This is accepted for evaluation.

  
(Signatory with Date and Seal)

## Endorsements

  
Faculty Guide

  
Head of the Department

  
Principal

**PRINCIPAL**  
**V.S.R. Govt. Degree & P.G. College**  
**Movva - 521 135, Krishna Dt., A.P.**







# Certificate from Intern Organization

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

This is to certify that

**prasanthiveeranki**

has successfully completed Remote Internship

for 210 hours in project titled

**Digital Book Development (Advanced)**

by TCS iON from 20 Dec 2022 to 15 Mar 2023.

TCS iON REMOTE INTERNSHIPS  
Academic Credits with Industry Mentors  
Cert. ID: 356-23635294-1016  
Dated: 15 Mar 2023



*Mehul Mehta*

Mehul Mehta  
Global Delivery Head - TCS iON,  
Tata Consultancy Services

# Model Program Book



# SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH  
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)



# **PROGRAM BOOK FOR LONG TERM INTERNSHIP**

**(ON SITE/VIRTUAL)**

**Name of the Student: VEERANKI PUJASRI**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA**

**Registration Number: 2029223050039**

**Period of Internship: From: 20-12-2022 to 10-03-2023**

**Name & Address of the Intern Organization: TCS iON REMOTE  
GACHIBOWLI, HYDERABAD  
500032, TELANGANA**

**KRISHNA UNIVERSITY**

**2020-2023**



**An Internship Report on**  
**AUTOMATE IDENTIFICATION AND**  
**RECOGNITION OF HAND WRITTEN**  
**TEXT FROM AN IMAGE**

Submitted in accordance with the requirement for the degree of BSc (computer science)



Under the Faculty Guidance of

**RAFIAH .SB(M.TECH)**

*Lecturer in* **COMPUTER SCIENCE**

Department of

**COMPUTER SCIENCE**

**V.S.R GOVERNMENT DEGREE & P.G COLLEGE,MOVVA**

Submitted by:

**VEERANKI PUJASRI**

Reg. No: 2029223050039

Department of computers

**V.S.R GOVERNMENT DEGREE & P.G COLLEGE, MOVVA**

## Student's Declaration

I, VEERANKI PUJA SRI a student of AUTOMATEN IDENTIFICATION AND RECOGNITION OF HAND WRITTEN TEXT FROM AN IMAGE Program, Reg. No 2029223050039 of the Department of COMPUTER SCIENCE , V.S.R GOVT DEGREE &P.G College do hereby declare that I have completed the mandatory internship from 20-12-2023 to 10-03-2023 in TCS ION REMOTE INTERNSHIP under the Faculty Guidance of RAFIAH .SB, Department of computer science , V.S.R Government Degree and P.G College

*v. Puja Sri*  
(Signature and Date)

## Official Certification

This is to certify that **VEERANKI PUJASRI** Reg. No. **2029223050039** has completed his/her Internship in **TCS ION REMOTE INTERNSHIP** on **AUTOMATE IDENTIFICATION AND RECOGNITION OF HAND WRITTEN TEXT FROM AN IMAGE** under my supervision as a part of partial fulfillment of the requirement for the Degree of BSC [MPCs] in the Department of **Computer science V.S.R GOVERNMENT DEGREE AND P.G COLLEGE**

This is accepted for evaluation.

*D. Srinivas*  
(Signatory with Date and Seal)



### Endorsements

*G. B. Refiah*  
Faculty Guide

*N. S. Tythi*  
Head of the Department

*D. Srinivas*  
Principal

**PRINCIPAL**

**V.S.R. Govt. Degree & P.G. College**  
**Movva - 521 135, Krishna Dt., A.P.**

*A. K.*



# Certificate from Intern Organization

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Veeranki Pujasri**

*has successfully completed Remote Internship*

*for **210** hours in project titled*

***Automate Identification and Recognition of Handwritten Text from an Image***

*by TCS iON from 20 Dec 2022 to 10 Mar 2023*

**TCS iON REMOTE INTERNSHIPS**  
Academic Credits with Industry Mentors  
Cert ID: 358-23584887-1016  
Dated: 10 Mar 2023



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head - TCS iON,  
Tata Consultancy Services

# Model Program Book



# SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH  
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)



# PROGRAM BOOK FOR LONG TERM INTERNSHIP

(ONSITE/VIRTUAL)

Name of the Student: VEMULAMADA SRI LAKSHMI KONDALAMMA

Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA

Registration Number: 2029223050041

Period of Internship: From: 20-12-2022 To: 13-03-2023

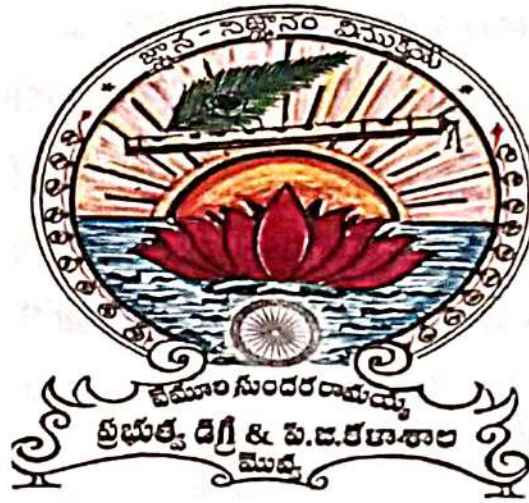
Name & Address of the Intern Organization: TCS-iON REMOTE  
INTERSHIPS  
GACHABOWLI,  
HYDERABAD-500032  
TELANGHANA

KRISHNA UNIVERSITY  
2022-2023



**AN INTERNSHIP REPORT**  
**ON**  
**AUTOMATE DETECTION OF DIFFERENT SENTIMENTS FROM A**  
**PARAGRAPH AND PREDICT OVERALL SENTIMENT**

*Submitted in accordance with the requirement for the degree of B. Sc (MPCS)*



*Under the Faculty Guidance of*

**RAFIAH S B , M.TECH.,**

*Lecturer in Computer science*

*Department of*

**COMPUTER SCIENCE**

**V.S.R GOVERNMENT DEGREE & P.G College, Movva**

**Submitted by:**

**V. SRI LAKSHMI KONDALAMMA**

**Reg. No: 2029223050041**

*Department of: COMPUTER SCIENCE*

**V.S.R GOVERNMENT DEGREE & P.G COLLEGE, MOVVA**

## **Student's Declaration**

I, **VEMULAMADA SRI LAKSHMI KONDALAMMA** a student of TCS ION RIO-210 Program, Reg. No. **2029223050041** of the Department of **COMPUTER SCIENCE**, **V.S.R GOVT DEGREE & PG College** do hereby declare that I have completed the mandatory internship from **20-12-2022** to **13-03-2023** in **TCS ION REMOTE INTERNSHIP** under the Faculty Guidance of **RAFIAH SB**, Department of **COMPUTER SCIENCE, V. S. R. GOVT. DEGREE & PG COLLEGE MOVVA.**

*V.S.L.Kondalamma*  
(Signature and Date)

# Official Certification

This is to certify that **VEMULAMADA SRI LAKSHMI KONDALAMMA** Reg. No.2029223050041 has completed his/her Internship in **TCS-iON REMOTE INTERNSHIP** on **AUTOMATE DETECTION OF DIFFERENT SENTIMENTS FROM A PARAGRAPH AND PREDICT OVERALL SENTIMENT** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BSC (MPCS)** in the Department of **V. S. R. GOVT DEGREE AND PG COLLEGE,MOVVA**

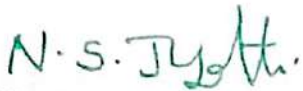
This is accepted for evaluation.

  
(Signatory with Date and Seal)

## Endorsements



Faculty Guide



Head of the Department



**PRINCIPAL**  
V.S.R. Govt. Degree & P.G. College  
Movva - 521 135, Krishna Dt., A.P.





# Certificate from Intern Organization

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Vemulamada srilakshmikondalamma**

*has successfully completed Remote Internship*

*for 210 hours in project titled*

***Automate Detection of Different Sentiments from Paragraphs and Predict Overall Sentiment***

*by TCS iON from 20 Dec 2022 to 13 Mar 2023*

TCS iON REMOTE INTERNSHIPS

Academic Credits with Industry Mentors

Cont. No: 226-23364857-1016

Dated: 13 Mar 2023



*Mehul Mehta*

**Mehul Mehta**

Global Delivery Head - TCS iON,  
Tata Consultancy Services

# **PROGRAM BOOK FOR LONG TERMINTERNSHIP**

*(ONSITE/VIRTUAL)*

**Name of the Student: YADLAPALLI BHARGAVI**

**Name of the College: V. S. R. GOVT. DEGREE & P.G COLLEGE,  
MOVVA**

**Registration Number: 2029223050042**

**Period of Internship: From: 20-12-2022 To: 15-03-2023**

**Name & Address of the Intern Organization: TCS-iON REMOTE  
INTERSHIPS  
GACHABOWLI,  
HYDERABAD-500032  
TELANGHANA**

**KRISHNA UNIVERSITY**

**2022-2023**



AN INTERNSHIP REPORT  
ON  
**AUTOMATE DETECTION OF DIFFERENT  
SENTIMENTS FROM A PARAGRAPH AND  
PREDICT OVERALL SENTIMENT**

*Submitted in accordance with the requirement for the degree of  
BACHELOR OF COMPUTER SCIENCE*



*Under the Faculty Guidance of*

**RAFIAH S B , M.TECH.,**

*Lecturer in Computer science*

*Department of*

**COMPUTER SCIENCE**

***V.S.R GOVERNMENT DEGREE & P.G College, Movva***

Submitted by:

**YADLAPALLI BHARGAVI**

**Reg. No: 2029223050042**

*Department of: COMPUTER SCIENCE*

*V.S.R GOVERNMENT DEGREE & P.G COLLEGE, MOVVA*



## STUDENT'S DECLARATION

I, **YADLAPALLI BHARGAVI** a student of **TCS ION RIO-210** Program, Reg. No. **2029223050042** of the Department of **COMPUTER SCIENCE**, **V.S.R GOVT DEGREE & PG College** do hereby declare that I have completed the mandatory internship from **20-12-2022** to **15-03-2023** in **TCS ION REMOTE INTERNSHIP** under the Faculty Guidance of **RAFIAH S B**, Department of **COMPUTER SCIENCE, V. S. R. GOVT. DEGREE & PG COLLEGE MOVVA.**

*Y. Bhargavi*  
(Signature and Date)

## OFFICIAL CERTIFICATION

This is to certify that **YADLAPALLI BHARGAVI** Reg. No. **2029223050042** has completed his/her Internship in TCS-ION REMOTE INTERNSHIP on **AUTOMATE DETECTION OF DIFFERENT SENTIMENTS FROM A PARAGRAPH AND PREDICT OVERALL SENTIMENT** under my supervision as a part of partial fulfillment of the requirement for the Degree of BSC (MPCS) in the Department of **V. S. R. GOVT DEGREE AND PG COLLEGE, MOVVA** This is accepted for evaluation.



### Endorsements

*P. B. Nefiah*

Faculty Guide

*N. S. Jyothi*  
Head of the Department

*Ravi*  
Principal

**PRINCIPAL**  
**V.S.R. Govt. Degree & P.G. College**  
**Movva - 521 135, Krishna Dt., A.P.**

*A. K.*

# CERTIFICATE FROM INTERN ORGANIZATION

**tcs ion**

**TATA**

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Yadlapalli Bhargavi**

*has successfully completed remote internship*

*for 216 hours in project titled*

**Automate Detection of Different Sentiments from Paragraphs and Predict Overall Sentiment**

*by TCS iON from 20 Dec 2022 to 15 Mar 2023*

**TCS ION REMOTE INTERNSHIP**  
Academy (IITB) with Industry Member  
Call ID: 24-2304621-1014  
Valid till Mar 2023



*Vidula Vidan*

**Head, Remote**  
TCS iON Academy/Head, TCS iON,  
Tata Consultancy Services



# **PROGRAM BOOK FOR LONG TERM INTERNSHIP**

(ON SITE/VIRTUAL)

**Name of the Student : YANDURI JASWANTHI NAGA GAYATHRI**

**Name of the College : V. S. R. GOVT. DEGREE & P.G COLLEGE, MOVVA**

**Registration Number : 2029223050043**

**Period of Internship : From: 20-12-2022 to: 10-03-2023**

**Name & Address of the Intern Organization: TCS iON REMOTE,  
GACHIBOWLI,  
HYDERABAD-500032,  
TELANGANA**

**KRISHNA UNIVERSITY**

**2020-2023**

# **An Internship Report on**

**\*\*AUTOMATE IDENTIFICATION AND RECOGNITION OF  
HAND WRITTEN TEXT FROM AN IMAGE\*\***

*Submitted in accordance with the requirement for the degree of*

**BACHELOR OF COMPUTER SCIENCE (MPCS)**

**Submitted by:  
YANDURI JASWANTHI NAGA GAYATHRI**

**( Reg. No: 2029223050043)**

*Under the Faculty Guidance*

**RAFIAH SB, (M.Tech)**

*Lecturer in computer science*



*Department of COMPUTER SCIENCE*

**V.S.R. GOVT. DEGREE & PG COLLEGE, MOVVA**

*Affiliated to Krishna University Approved By NAAC 'a'*

**MOVVA-52113**

## Student's Declaration

I, YANDURI JASWANTHI NAGA GAYATHRI a student of AUTOMATE IDENTIFICATION AND RECOGNITION OF HAND WRITTEN TEXT FROM AN IMAGE Program, Reg.

No.2029223050043 of the Department of COMPUTER SCIENCE College do hereby declare that I have completed the mandatory internship from 20-12-2022 to 10-03-2023 in TCS ION REMOTE INTERNSHIP under the Faculty Guidance of RAFIAH.SB , Department of COMPUTER SCIENCE, V. S. R. GOVT. COLLEGE ,MOVVA.

Y. J. N. Gayathri.  
(Signature and Date)



# Official Certification


Certificate from Intern Organization

This is to certify that **YANDURI JASWANTHI NAGA GAYATHRI** Reg. No. **2029223050043** has completed his/her Internship in TCS iON REMOTE INTERNSHIP on **AUTOMATE IDENTIFICATION AND RECOGNITION OF HAND WRITEN TEXT FROM AN IMAGE** under my supervision as a part of partial fulfillment of the requirement for the Degree of BSC (MPC 'S) in the Department of V. S. R. GOVT DEGREE AND PG COLLEGE, MOVVA

This is accepted for evaluation.

  
(Signatory with Date and Seal)

## Endorsements

  
Faculty Guide

  
Head of the Department

  
Principal





**PRINCIPAL**

**V.S.R. Govt. Degree & P.G. College**  
**Movva - 521 135, Krishna Dt., A.P.**

# Certificate from Intern Organization

TCS iON

TATA

## CERTIFICATE *Of* INTERNSHIP

*This is to certify that*

**Yanduri JaswanthiNagaGayathri**

*has successfully completed Remote Internship*

*for **210** hours in project titled*

***Automate Identification and Recognition of Handwritten Text from an Image***

*by TCS iON from 20 Dec 2022 to 10 Mar 2023.*

TCS iON REMOTE INTERNSHIPS

Academic Credits with Industry Mentors

Cert. ID: 358 23584864-1016

Dated: 10 Mar 2023



*Mehul Mehta*

**Mehul Mehta**

Global Delivery Head - TCS iON,  
Tata Consultancy Services