#### A PROJECT REPORT ON

#### DESIGN OF WASTE WATER TREATMENT PLANT BY STABILIZATION PONDS FOR THE ANDHRA LOYOLA CAMPUS

Submitted to

#### JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

In partial fulfilment of the requirements

for the award of the Degree of

#### BACHELOR OF TECHNOLOGY IN

#### CIVIL ENGINEERING

Submitted by

P.SREENU

**CH.PRAVEEN** 

SHAIK SAIDA

T.SIVA PRASAD REDDY

18HP5A0111 17HP1A0137 18HP5A0109 17HP1A0147



#### DEPARTMENT OF CIVIL ENGINEERING

#### ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

VIJAYAWADA, 520008

#### STABILIZATION OF BLACK COTTON SOIL USING NACL, CACL<sub>2</sub> AND THEIR COMPARATIVE ANALYSIS

Project report submitted in partial fulfilment of the Requirements for the award of the degree

#### BACHELOR OF TECHNOLOGY

IN

**CIVIL ENGINEERING** 

R. VIJAYA LAKSHMI	(18HP5A0103)
B. REVATHI	(17HP1A0110)
<b>B. GEETHA BHUVANESWARI</b>	(17HP1A0103)
T. CHANDRA LEKHA	(17HP1A0102)

Under the Esteemed Guidance of

Miss. G. MAHITHA M. TECH

Assistant Professor



Department of Civil Engineering

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND

#### TECHNOLOGY

(Affiliated to JNTUK, Approved by AICTE)

Vijayawada-520 008

#### EXPERIMENTAL STUDY OF PARTIAL CEMENT REPLACEMENT WITH ORANGE PEEL POWDER AND FLYASH

#### **A Project Report**

#### Submitted to

JAWAHARLAL NEHRU TECHNOLOGICALUNIVERSITY, KAKINADA

In partial fulfilments of the requirements for the award of degree of

BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING

Submitted by

P.GNATHRIKA B.TRIVENI B.KEERTHI G.SAILAJA 17HP1A0104 17HP1A0113 17HP1A0106 17HP1A0111

UNDER THE ESTEEMED GUIDANCE OF Mrs. M. Tejaswi, M.Tech



DEPARTMENT OF CIVIL ENGINEERING

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY, (Approved by AICTE New Delhi, Recognized by Govt. of A.P, Affiliated to JNTU, KAKINADA) An IS09001:2008CertifiedInstitution, VIJAYAWADA -520008, A.P, 2017 -2021.

#### A PROJECT REPORT ON

#### **DESIGN AND ANALYSIS OF A (G+4) STATION BUILDING**

Submitted to



#### In partial fulfillment of the requirements for the

Award of the Degree of

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

By

K.PRAVALLIKA G.ANANYA N.RAMASAI SATYASRI 17HP1A0108 17HP1A0101 17HP1A0109 17HP1A0112

**B.SRUTHILAYA** 

Under the Guidance of

Mr. N.ABHILASH, M.Tech



ANDHRA LOYOLA INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

VIJAYAWADA

A Project Report on

#### STUDY OF LAND USE CHANGES AND URBAN SPRAWL OF VIJAYAWADA CITY USING REMOTE SENSING DATA

Submitted to

#### JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

In partial fulfillment of the requirements For the award of the Degree of

BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING Submitted By

R.NAVEENA R.HARI CHANDANA

17HP1A0107 17HP1A0105

Under the guidance of

SYED JAKEER HUSSAIN

(ASSISTANT PROFESSOR)



#### DEPARTMENT OF CIVIL ENGINEERING

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VIJAYAWADA, 520008

#### SUBGRADE SOIL STABILIZATION BY USING COIR FIBER AND FLY ASH

A Project Report Submitted To

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,

KAKINADA

In partial fulfillments of the requirements for the award of degree of

#### **BACHELOR OF TECHNOLOGY**

IN

#### **CIVIL ENGINEERING**

Submitted By

M. SANTHOSH KUMAR K. HIMA VAMSI O. SIVA GOPI A. GOWTHAM SK. GOUSE MOIN BASHA 18HP5A0110 17HP1A0129 17HP1A0146 17HP1A0127 17HP1A0126

Under the Esteemed Guidance of CH. SURESH KUMAR M. TECH (Ph.D.)



#### DEPARTMENT OF CIVIL ENGINEERING

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(Approved by AICTE New Delhi & Affiliated to JNTU Kakinada)

An ISO 9001: 2008 Certified Institution,

Vijayawada -520008, Krishna District, A.P.

#### EXPERIMENTAL STUDY ON MANUFACTURED SAND AS A REPLACEMENT OF RIVER SAND AND CEMENT WITH FLY ASH

A Project Report Submitted To

#### JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,

#### KAKINADA

In partial fulfillments of the requirements for the award of degree of

#### BACHELOR OF TECHNOLOGY

#### IN

#### **CIVIL ENGINEERING**

#### Submitted By

CH. LOKESH	18HP5A0106
K. BHARATH	17HP1A0120
P. GNANA VARDHAN	17HP1A0124
M.PRABHAKAR	17HP1A0136
P. AKHIL	17HP1A0118

Under the Esteemed Guidance of CH. NAGARAJU M.Tech HOD OF THE CIVIL DEPARTMENT



#### DEPARTMENT OF CIVIL ENGINEERING

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Submitted By

M. SANTHOSH KUMAR	18HP5A0110
K. HIMA VAMSI	17HP1A0129
O. SIVA GOPI	17HP1A0146
A. GOWTHAM	17HD1A0127
SK. GOUSE MOIN BASHA	

#### Under the Esteemed Guidance of CH. SURESH KUMAR M. TECH (Ph.D.)



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A Project Report on

#### AN EXPERIMENTAL INVESTIGATION ON EXPANSIVE SOIL IN COMBINATION WITH EGG SHELL POWDER AND FLY ASH. Submitted to

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#### **KAKINADA**

In partial fulfilment of the requirements for the award of the Degree of

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IN

#### **CIVIL ENGINEERING**

Submitted By

B. ANIL KUMAR P. AJAYKANTH K. MANOHAR S. KARTHIK RAM P.SAI KRISHNA

18HP5A0104 17HP1A0116 17HP1A0135 17HP1A0130 17HP1A0142

Under the guidance of **G. MAHITHA-M. TECH** 



#### DEPARTMENT OF CIVIL ENGINEERING ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY.

(Approved by AICTE New Delhi & Affiliated to JNTU Kakinada) An ISO 9001: 2008 Certified Institution, Vijayawada -520008, Krishna District, A.P. 2017 – 2021

i

#### SPATIAL-TEMPORAL ANALYSIS ON LAND USE AND LAND COVER CHANGES IN AMARAVATI, ANDHRA PRADESH USING GIS

#### A Project Report Submitted to JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

In partial fulfillments of the requirements for the award of degree of

#### BACHELOR OF TECHNOLOGY IN

#### **CIVIL ENGINEERING**

Submitted By

V.SURYAVARDHAN A. VENKAT A. GANESH.S.S. P L.RANJITH 18HP5A0112 17HP1A0153 17HP1A0123 17HP1A0139

Under the Esteemed Guidance of V.SWATHY PADMAJA, MTech Assistant Professor



#### DEPARTMENT OF CIVIL ENGINEERING

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE New Delhi & Affiliated to JNTU Kakinada) An ISO 9001: 2008 Certified Institution, Vijayawada -520008, Krishna District, A.P. 2017 – 2021

#### VIRTUAL TOUR OF INDIAN LARGEST CEMENT MANUFACTURING PLANT

Title: Virtual tour of "Indian largest cement manufacturing plant"

Date(s): 30-06-2021

#### **Preamble:**

The aim of the program is to provide the students with an insight to the internal working of cement manufacturing plant.

**Participant's profile:** Faculty of ALIET & Students of II, III & IV B.Tech have participated in the Program.

#### Description about the program:

A virtual industrial visit to cement manufacturing plant was organized by the **Department of Civil Engineering** in collaboration with **UltraTech Cement Ltd**., to enhance student's knowledge on advance technology and to give an idea about which technology used in industries.

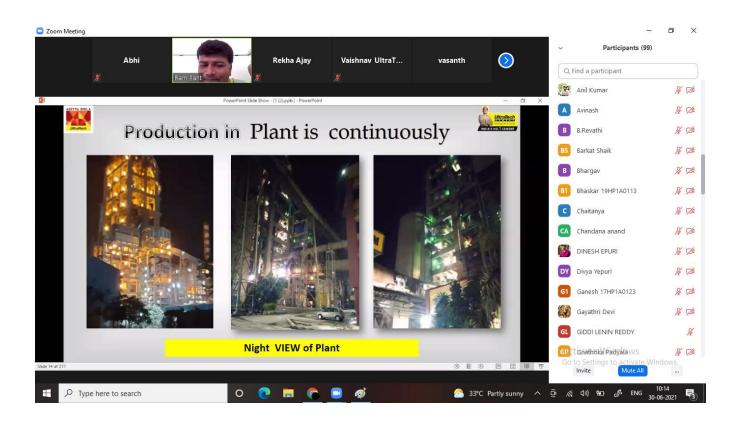
Students attended the virtual session at 10:00 AM, and were briefed by Dr. Ram pant, RCM-Ultratech Cement Limited., who took over the session briefed them about the organization and functions of UltraTech Cement Ltd.

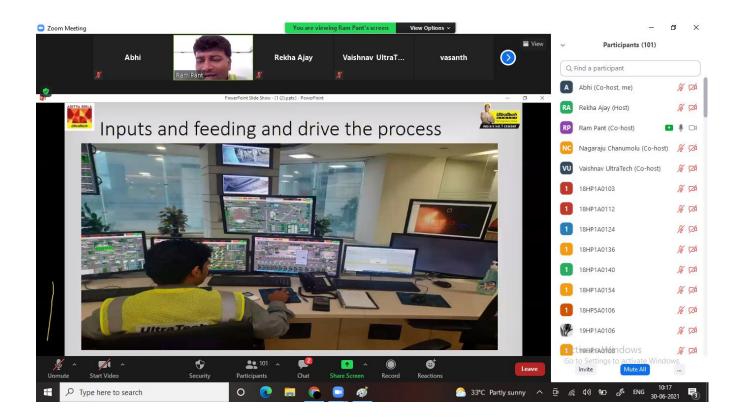
Dr. Ram pant, made a brief presentation about the functions of cement manufacturing plant. He explained about various mechanisms used to produce cement.

The session ended with a hearty thanks and question & answer. Students asked about their doubts regarding the topic discussed and also enquired about how to get an internship in UltraTech Cement Ltd. Dr. Ram pant informed about various opportunities that the company will provide after their final year for students of Civil Engineering.

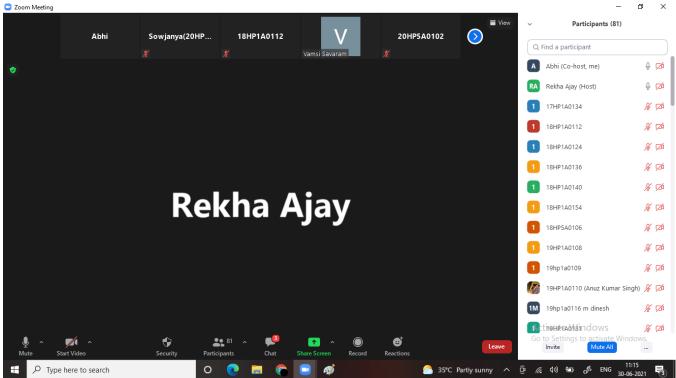


Dr. Ram pant, RCM- UltraTech Cement Limited., explaining about cement manufacturing plant

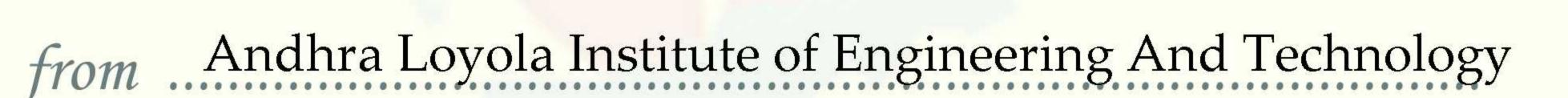




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Zoom Meeting
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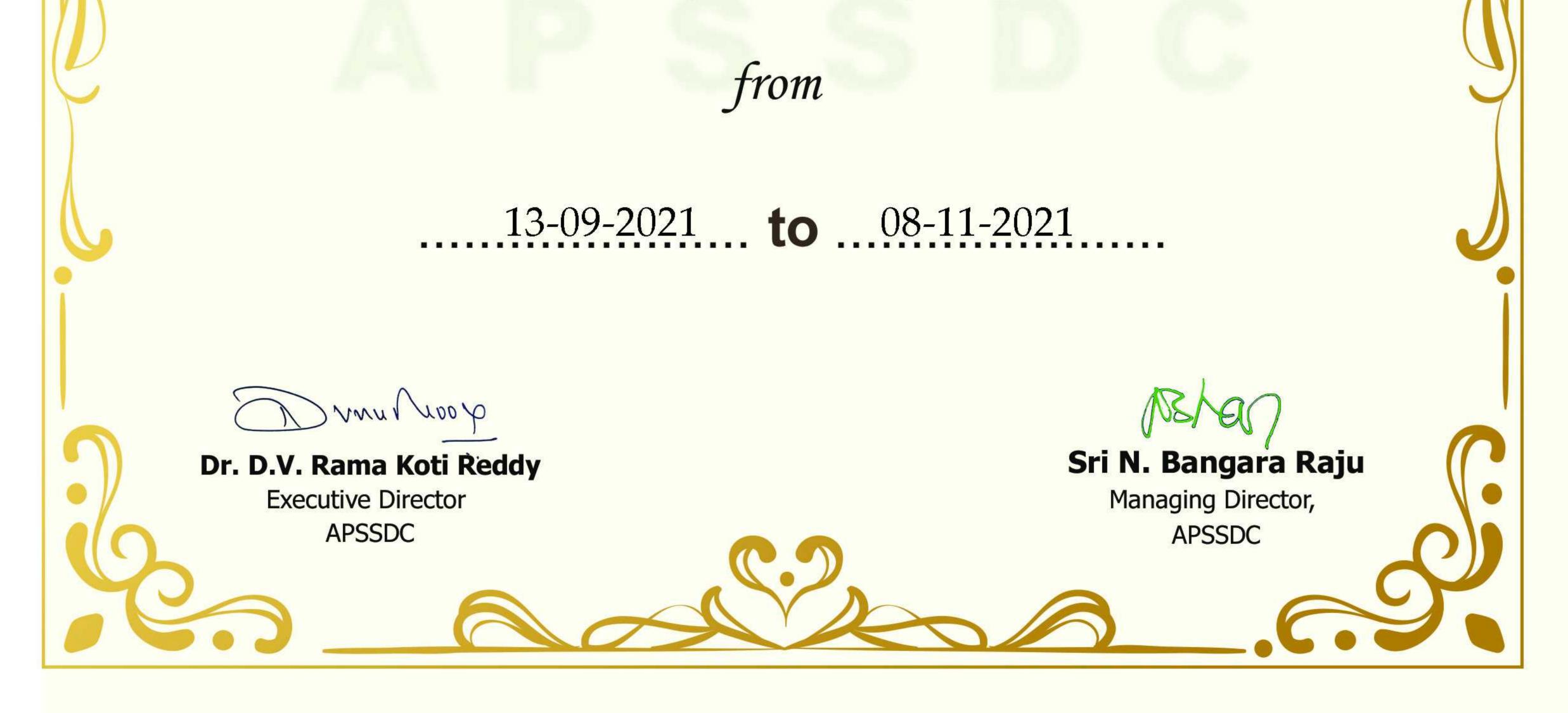


NAGIPOGU VIDYA SAGAR

## has completed Internship

on

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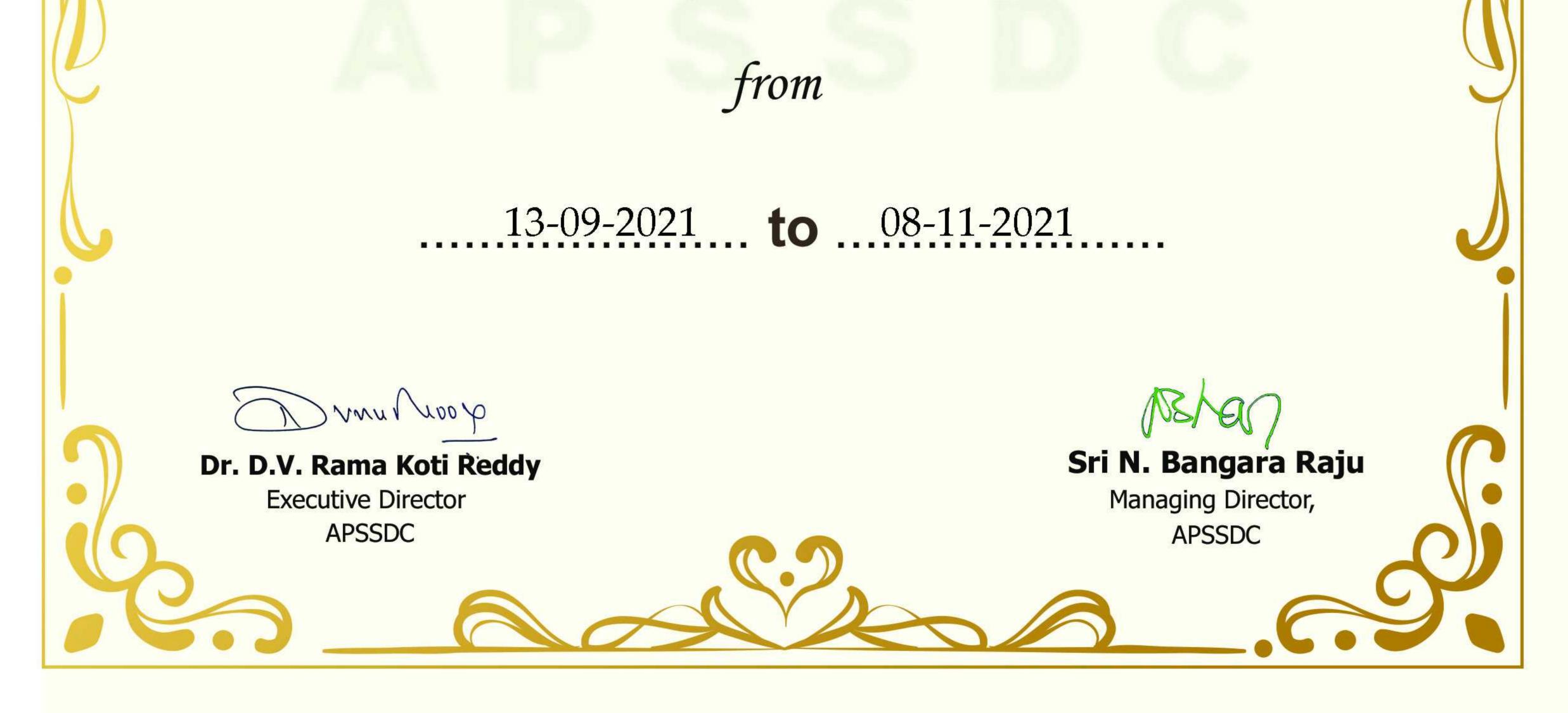


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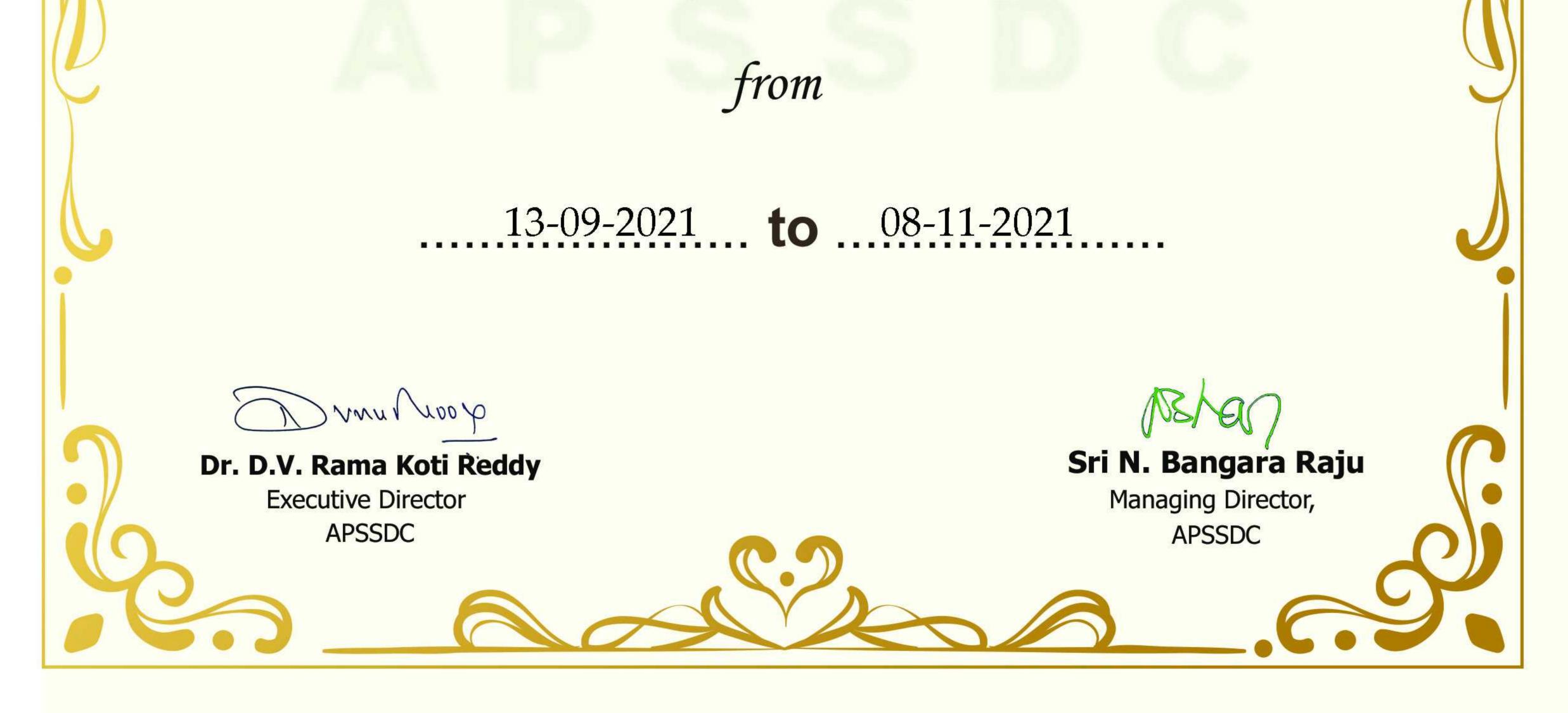
# Mr/Ms. PARSAPU VENKATESWARLU

from Andhra Loyola Institute of Engineering And Technology

## has completed Internship

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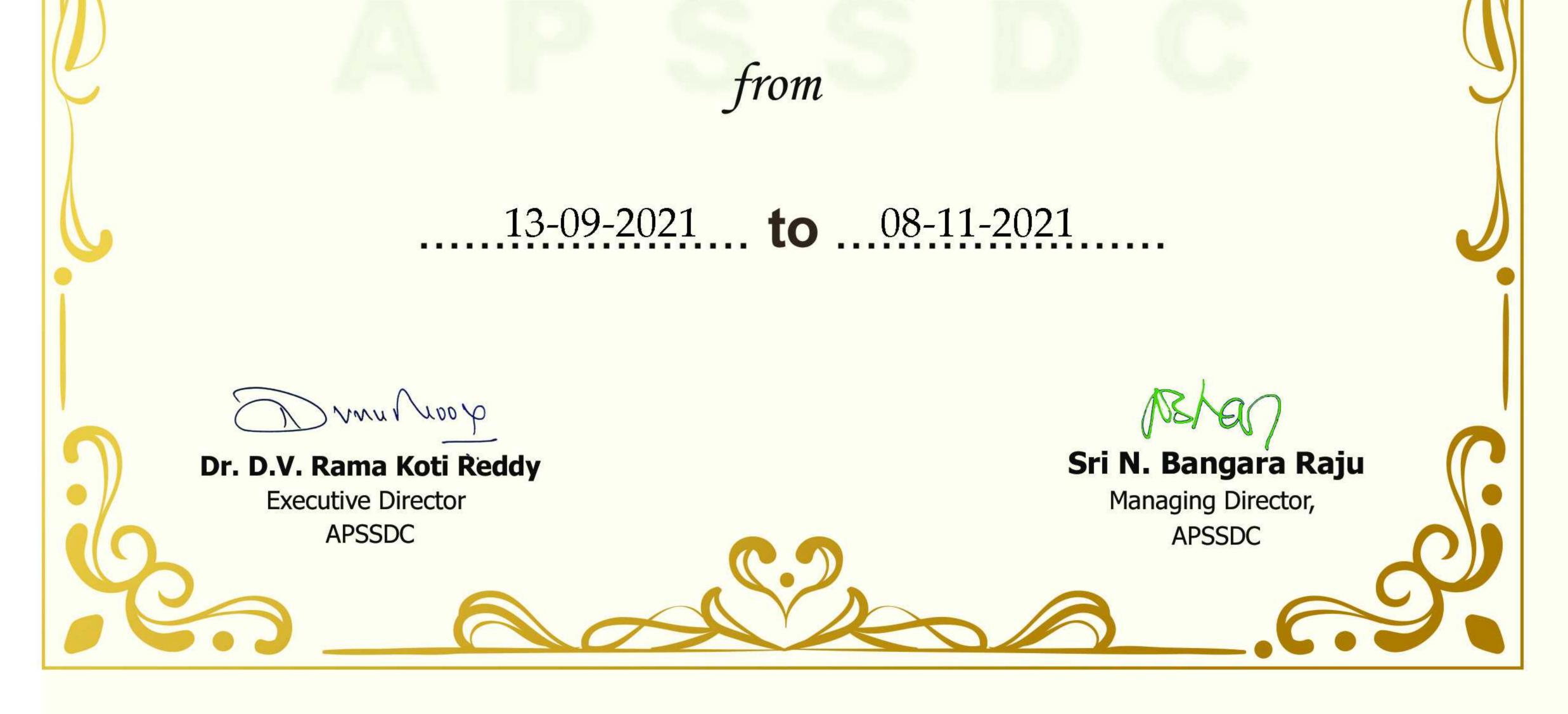
# Mr/Ms. VIVEK VARDHAN VATLURI

from Andhra Loyola Institute of Engineering And Technology

## has completed Internship

on

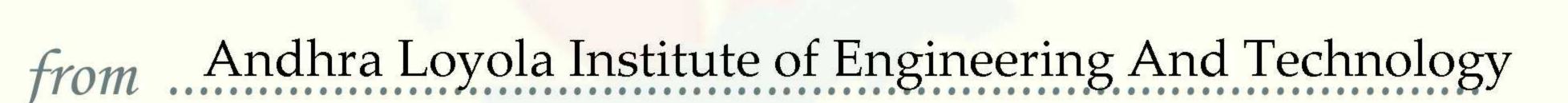
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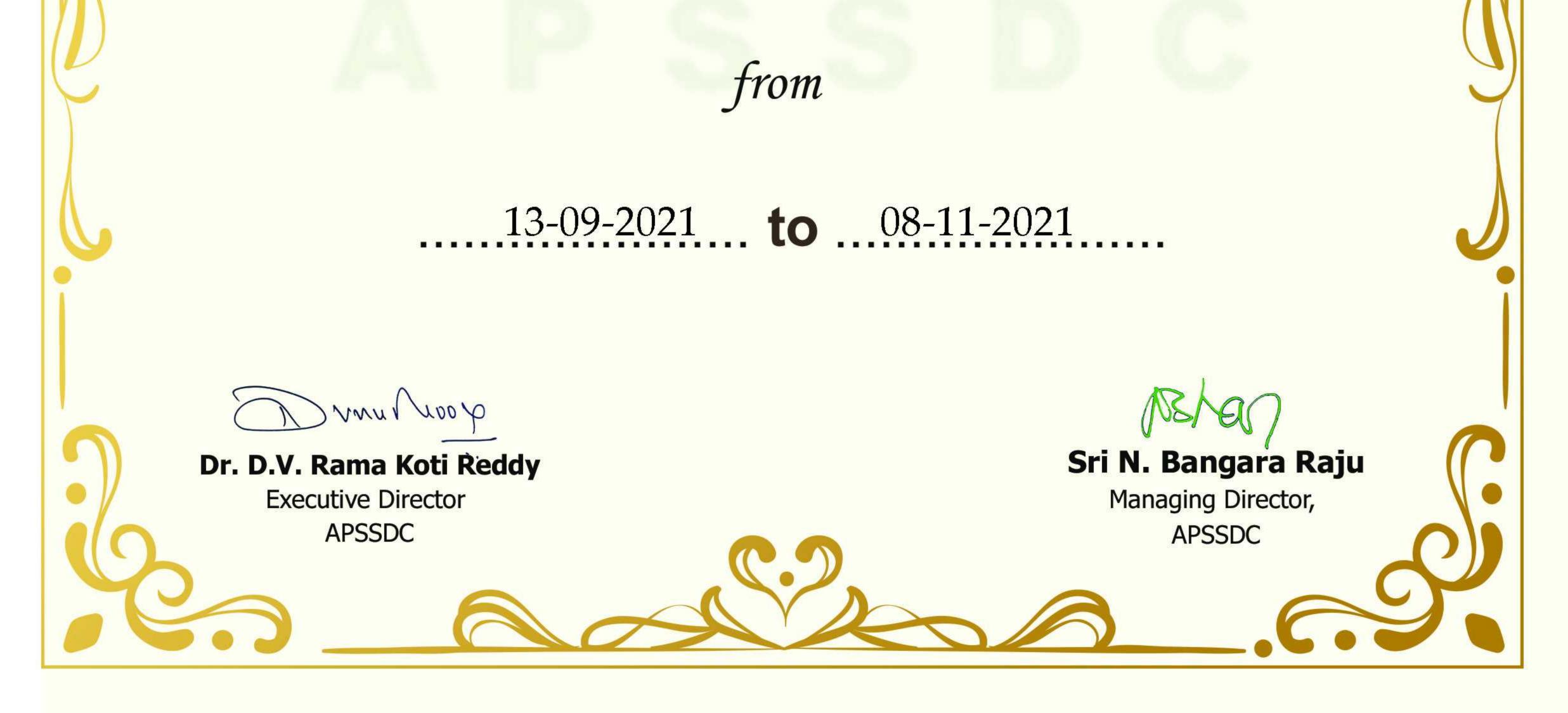


PRIYANKA KANCHARLA

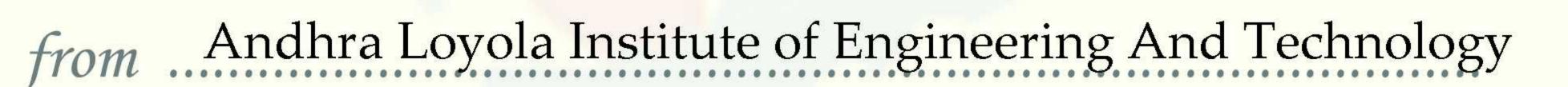
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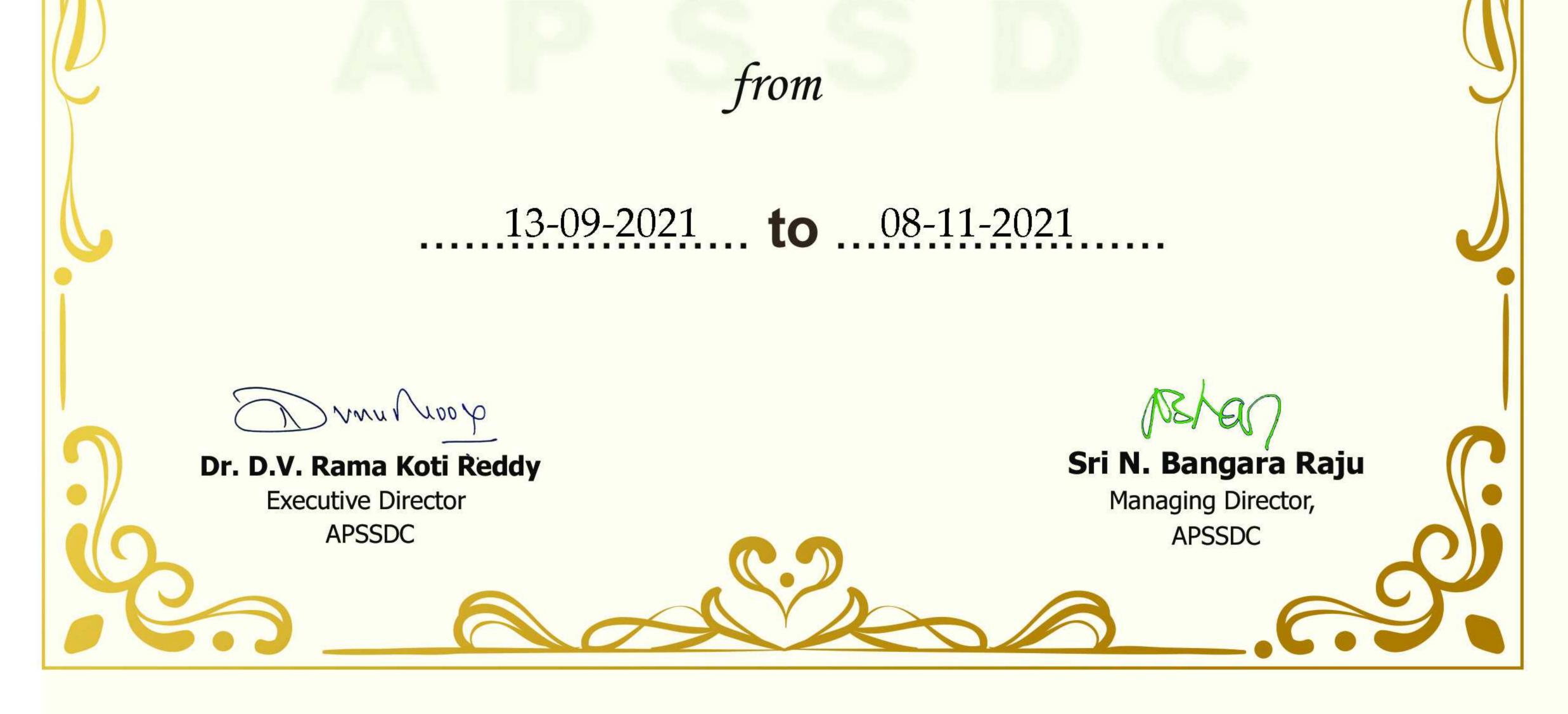
THOTA SONY

## has completed Internship

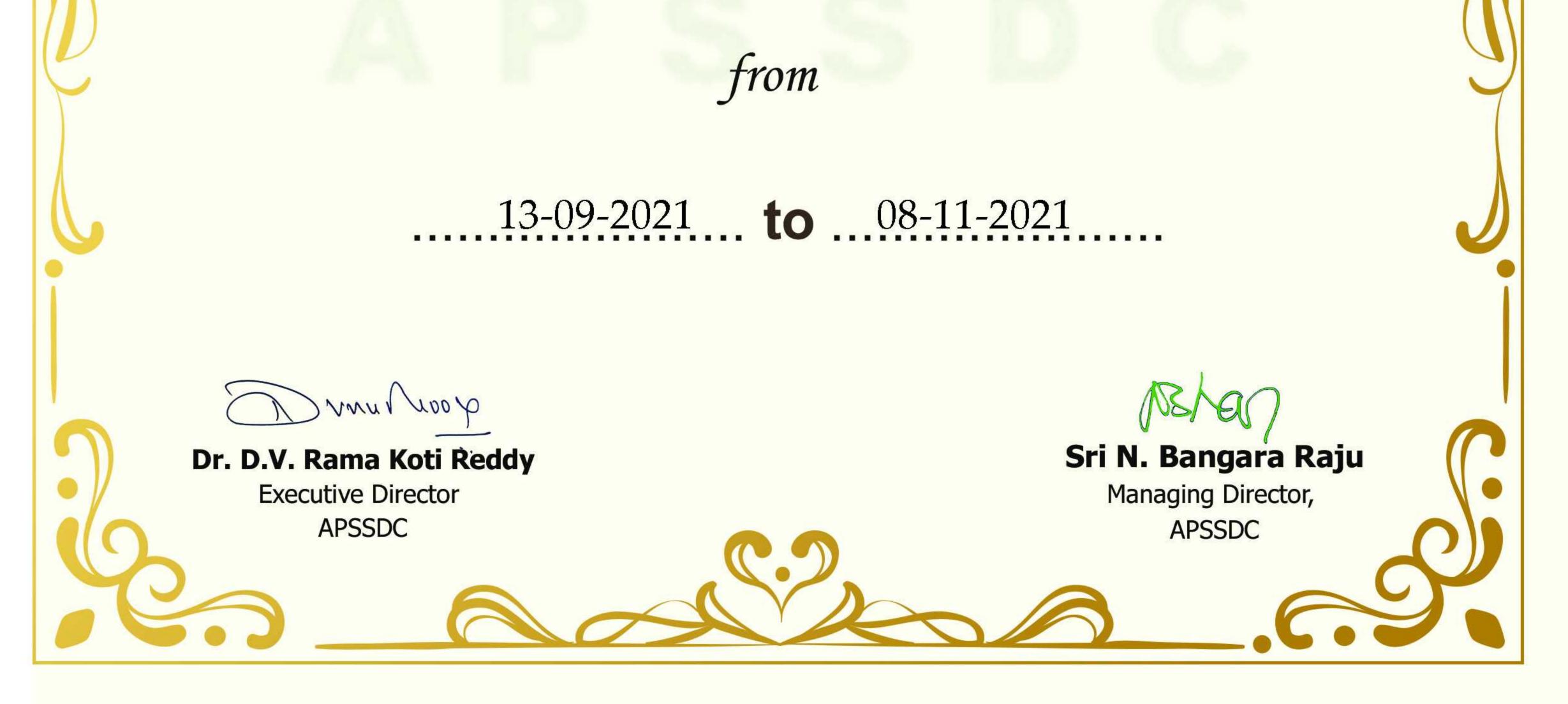
Mr/Ms.

on

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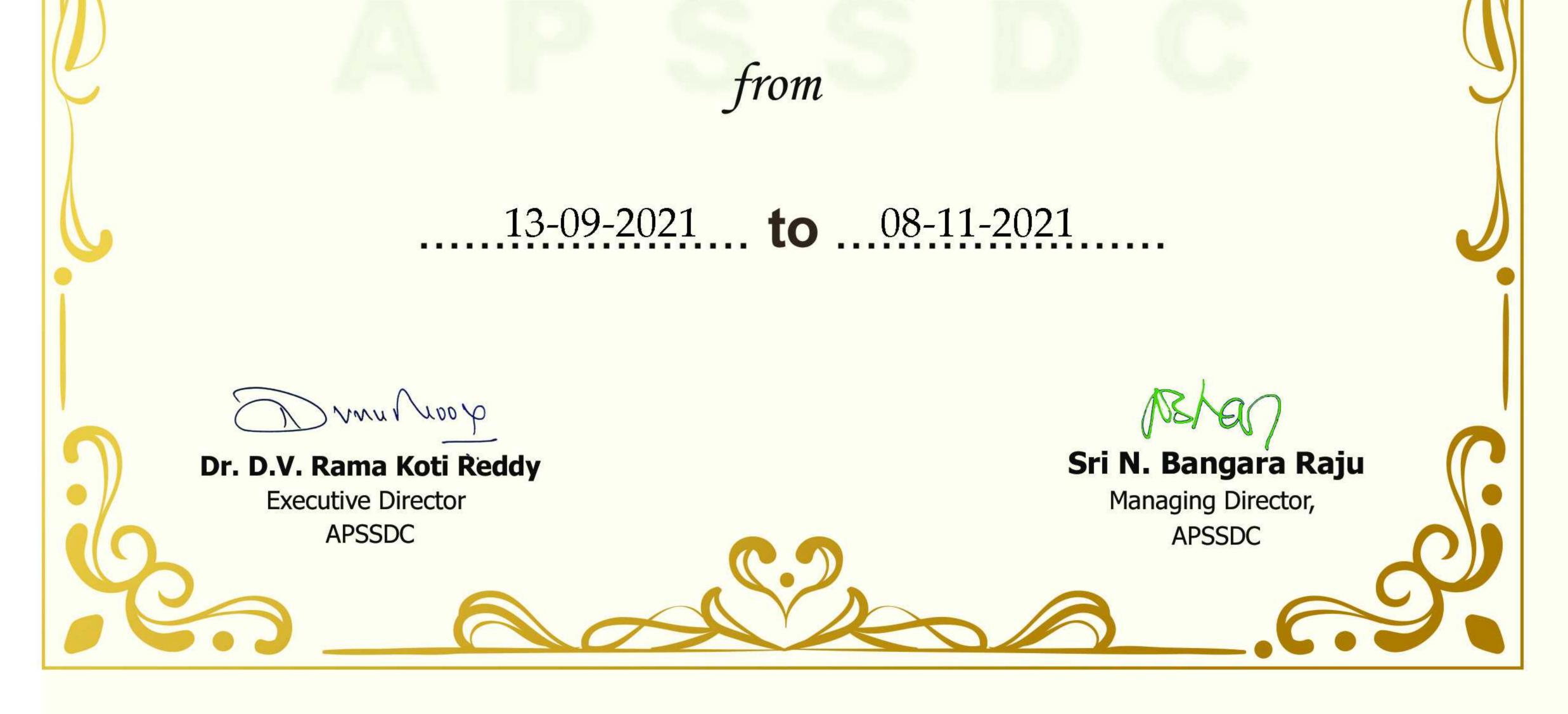
MUDAVATH MAKATLAL NAIK

## has completed Internship

Mr/Ms.

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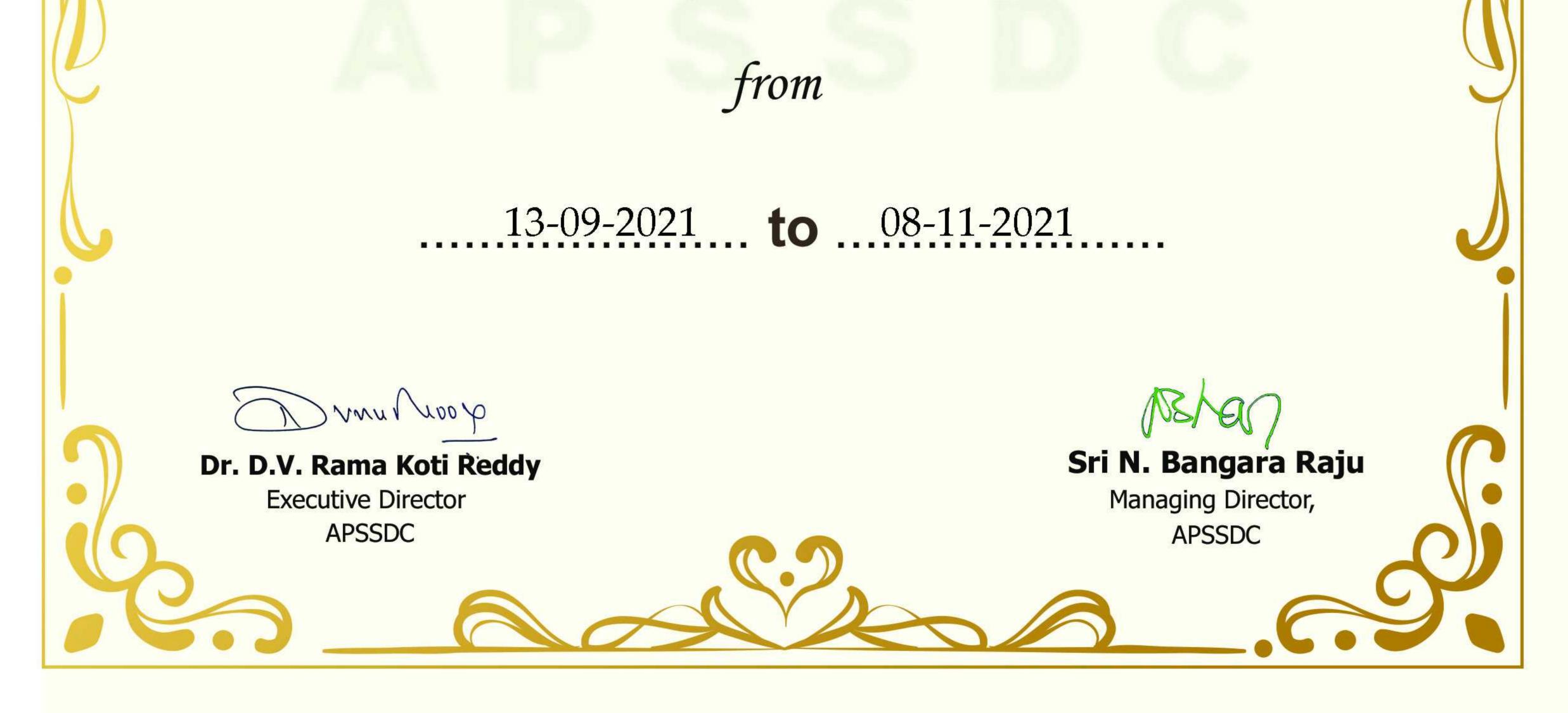
## Mr/Ms. BODDU MOHANAKRISHNA

from Andhra Loyola Institute of Engineering And Technology

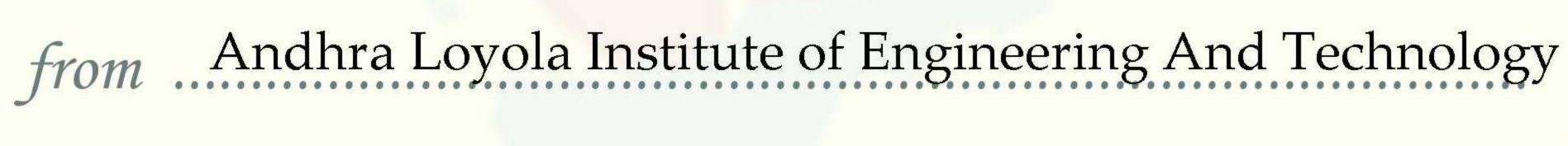
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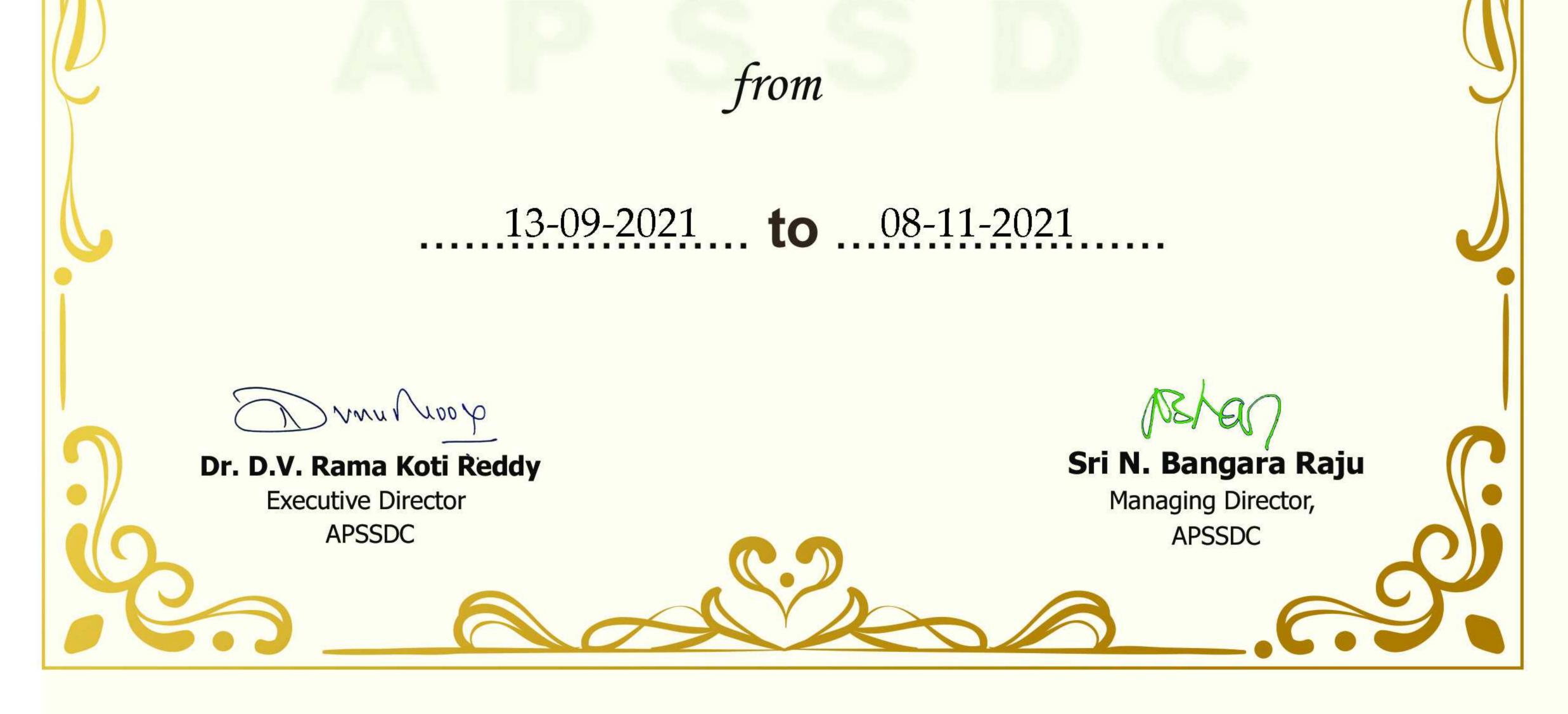


KOLLI NAIDU BABU

## has completed Internship

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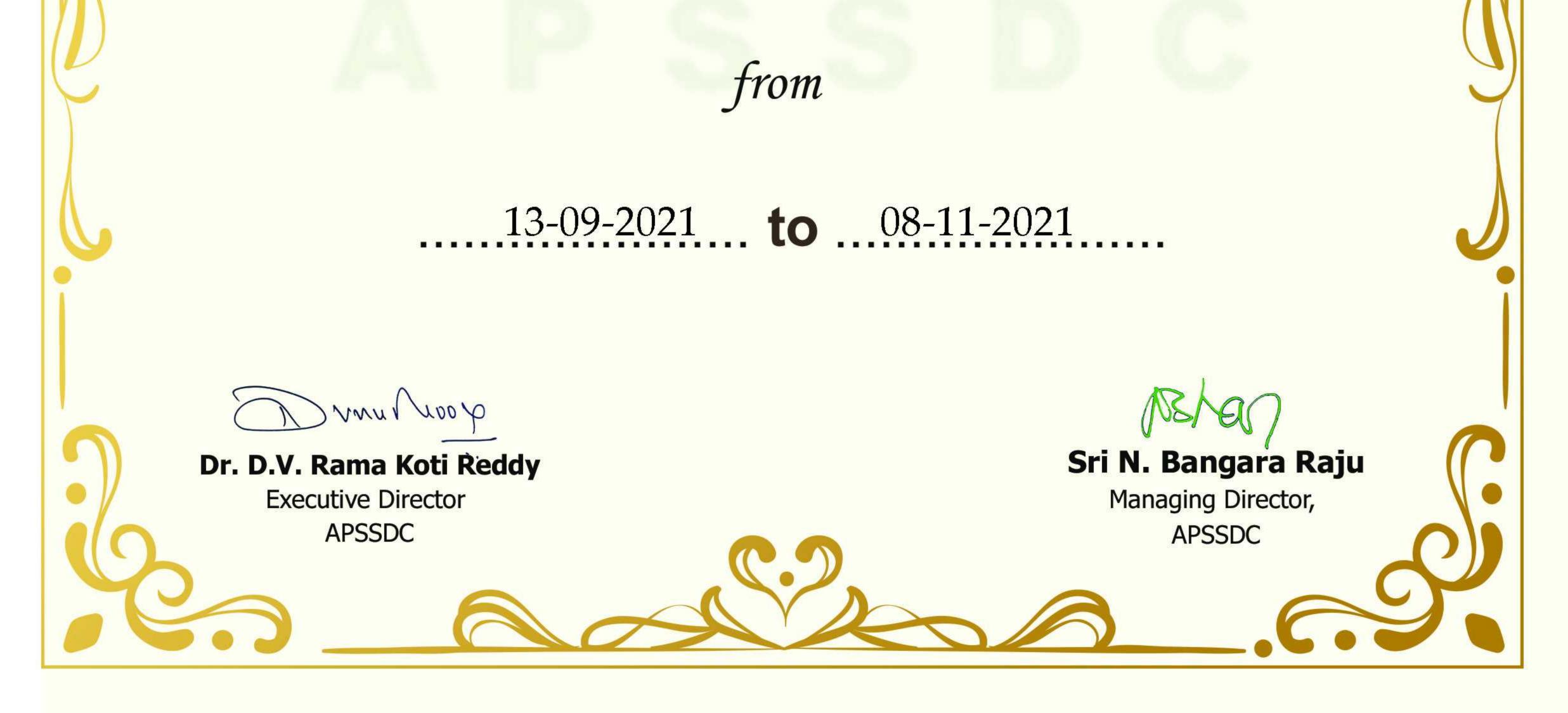
## Mr/Ms. PADALA SAI ESWAR REDDY

from Andhra Loyola Institute of Engineering And Technology

## has completed Internship

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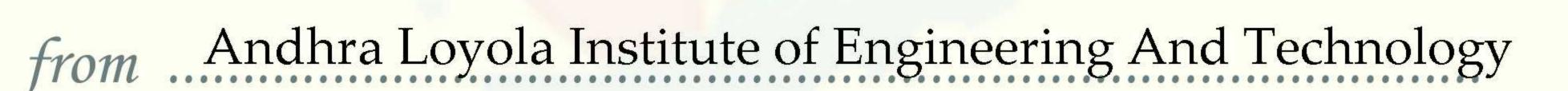
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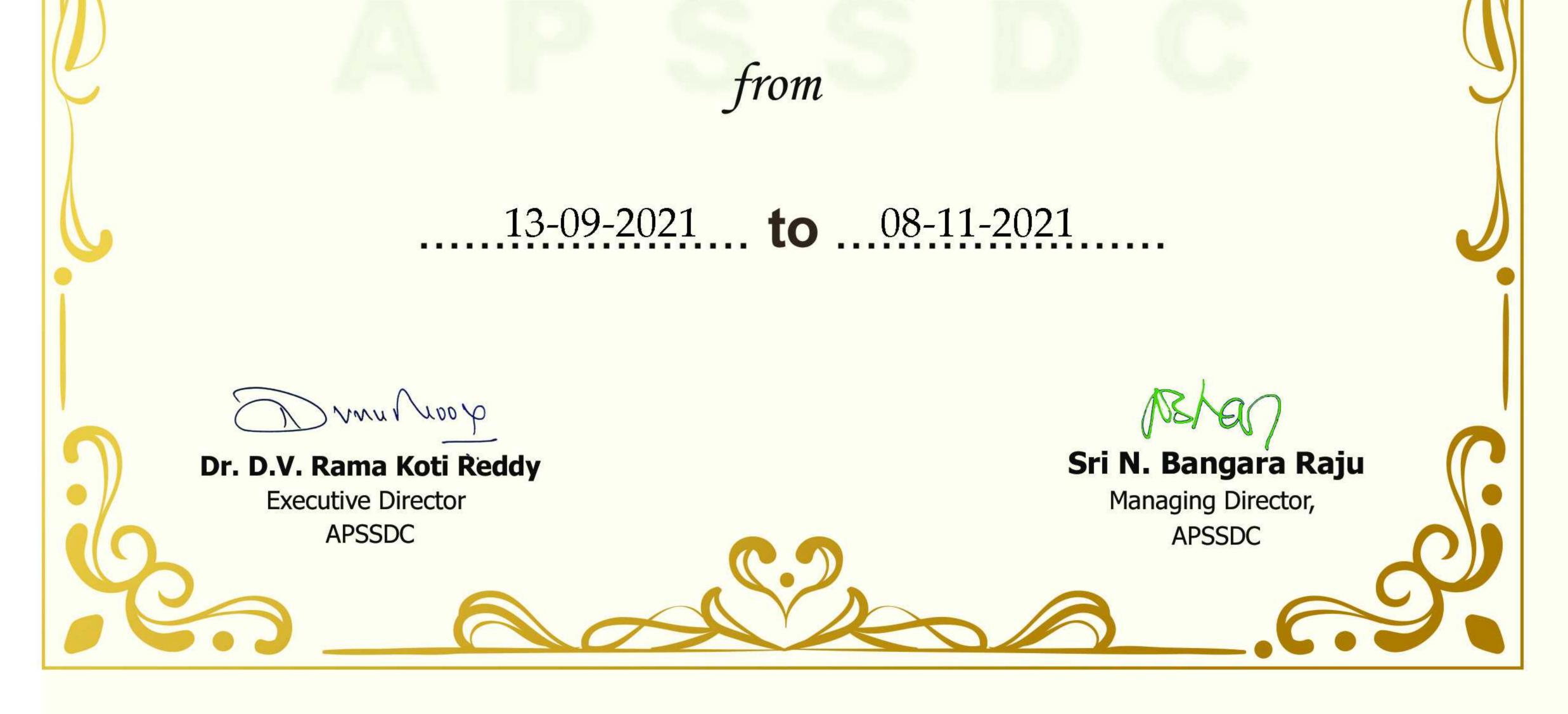


**K.DHATRI CHANDANA** 

## has completed Internship

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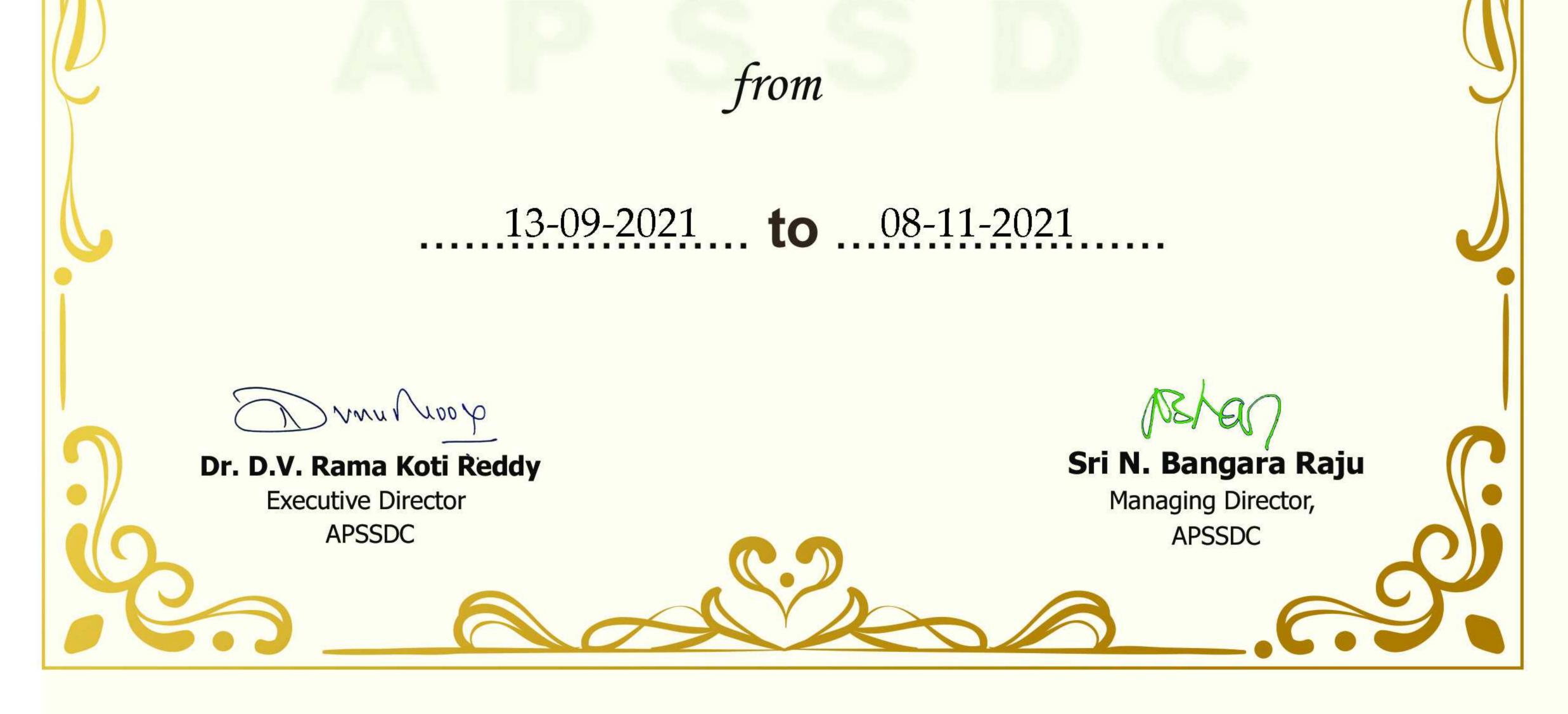




**BGAYATHRIDEVI** 

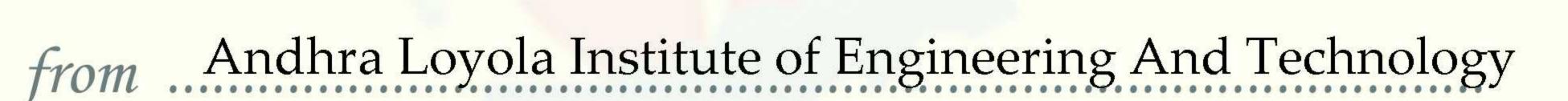
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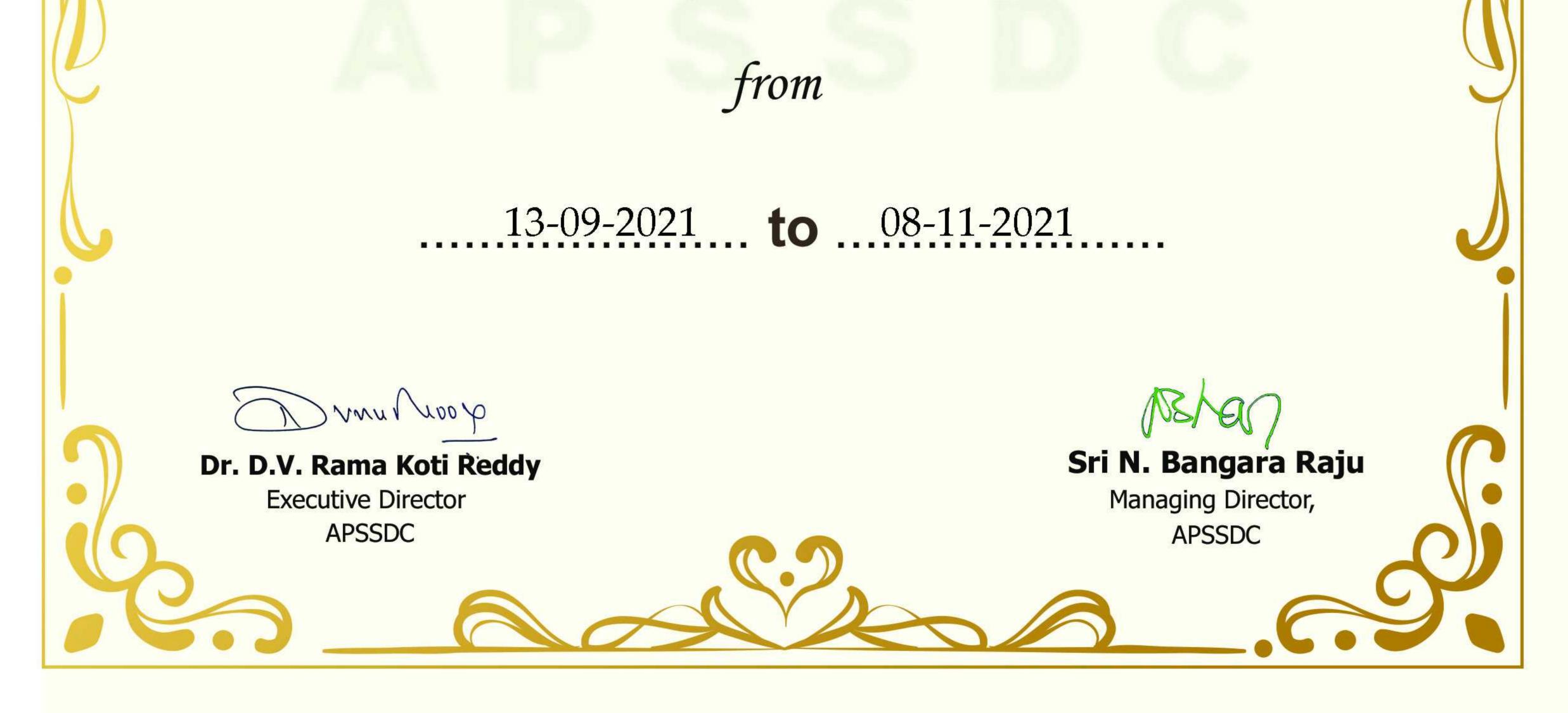


T. MEGHANA

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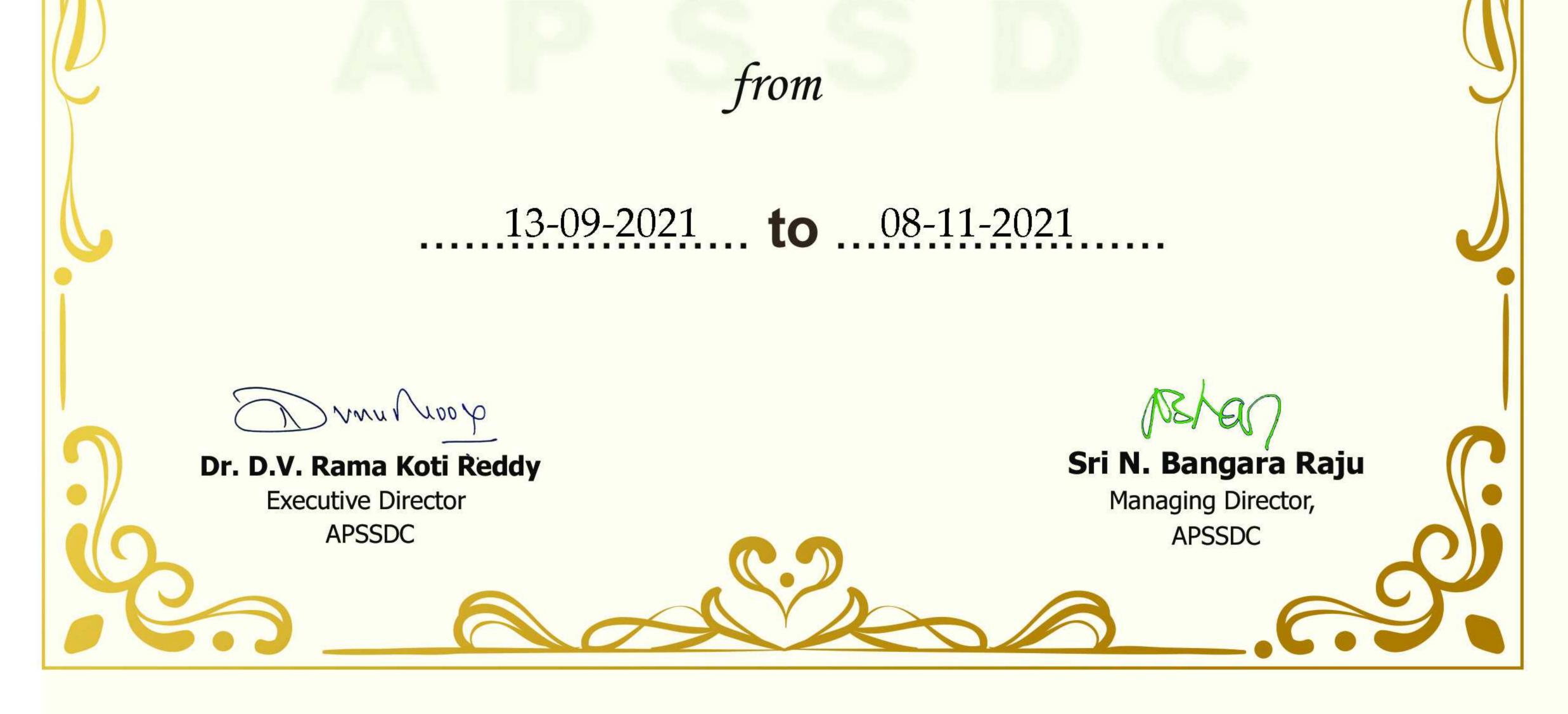
YEEDI MOULIKA GOWRI

## has completed Internship

Mr/Ms.

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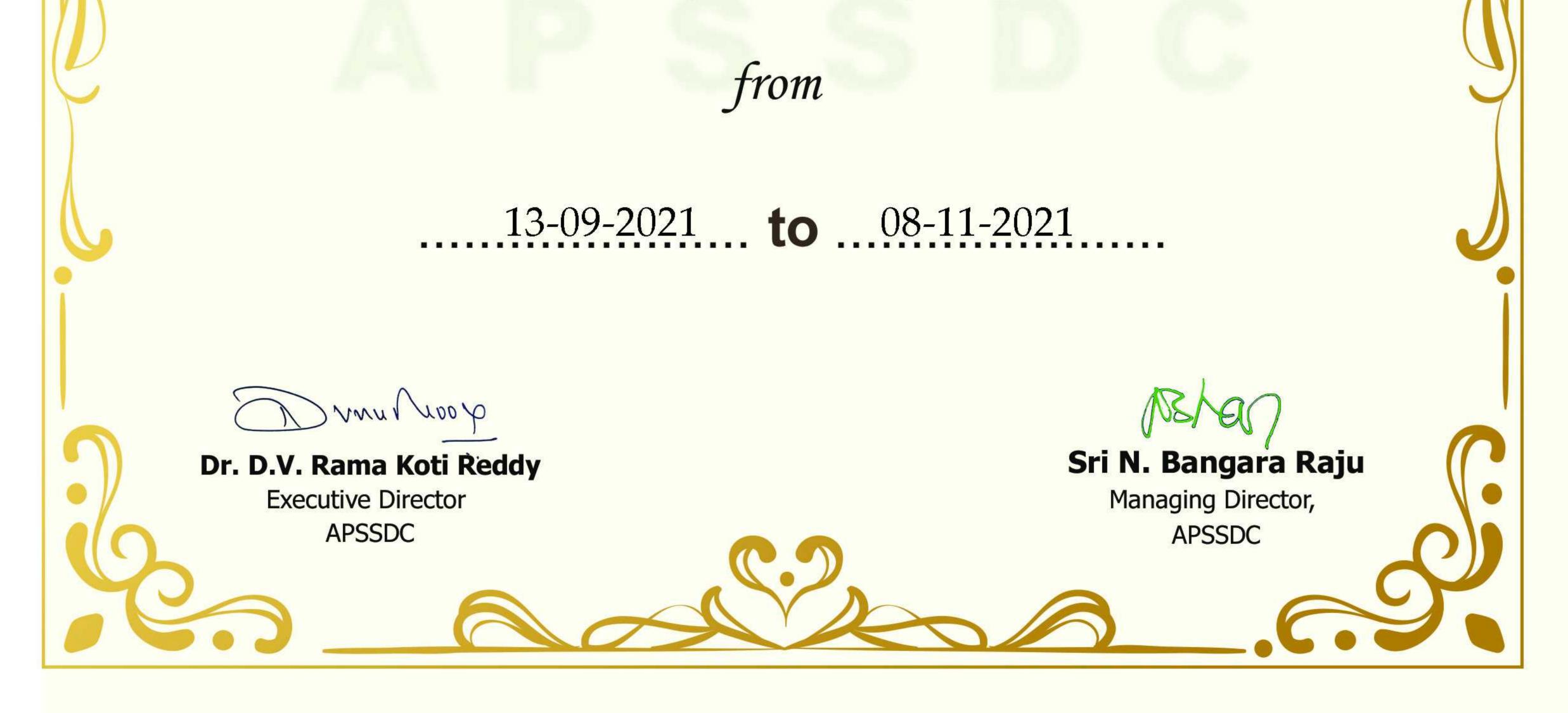
PESARAGANTI MOUNIKA

## has completed Internship

Mr/Ms.

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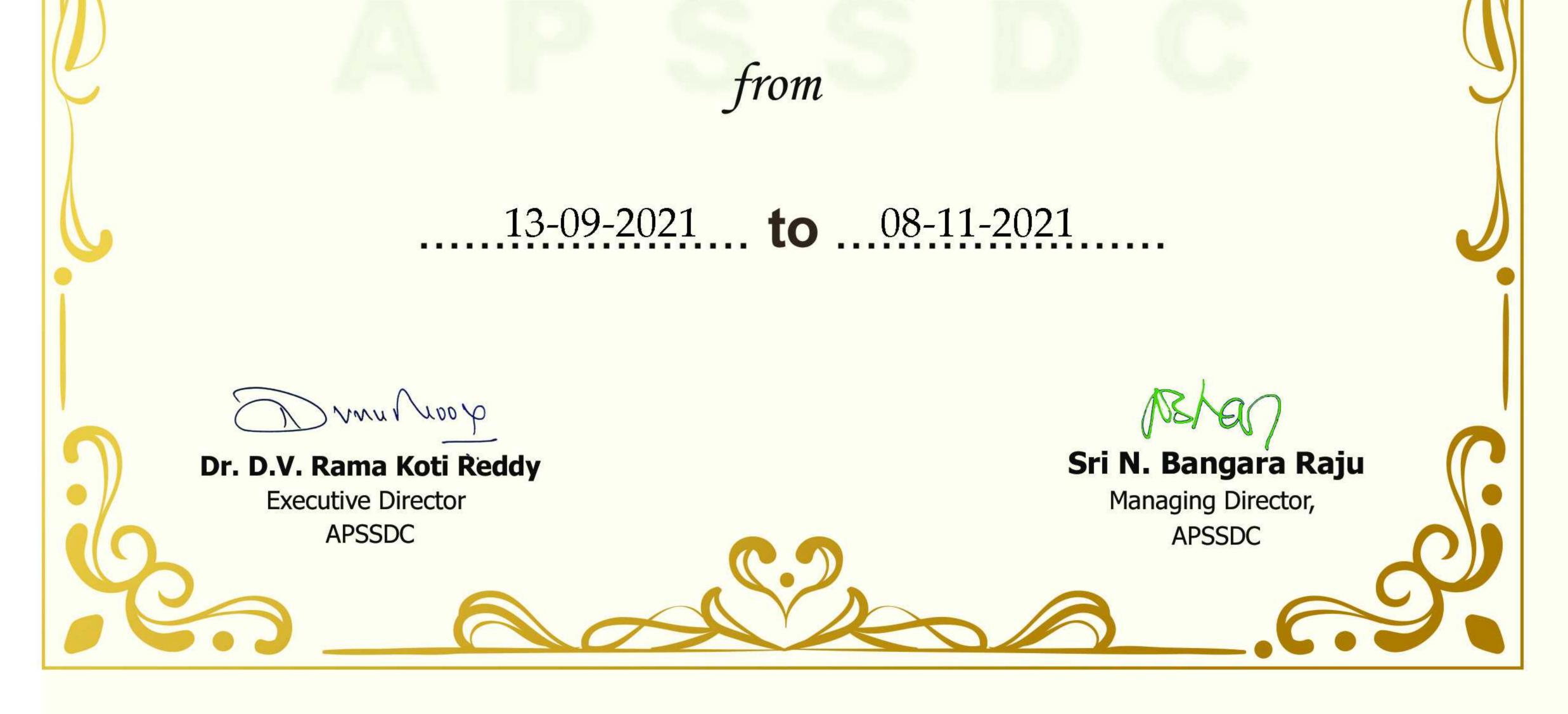
TIRUVIDHULA NAGA SAI PRIYANKA

Mr/Ms.

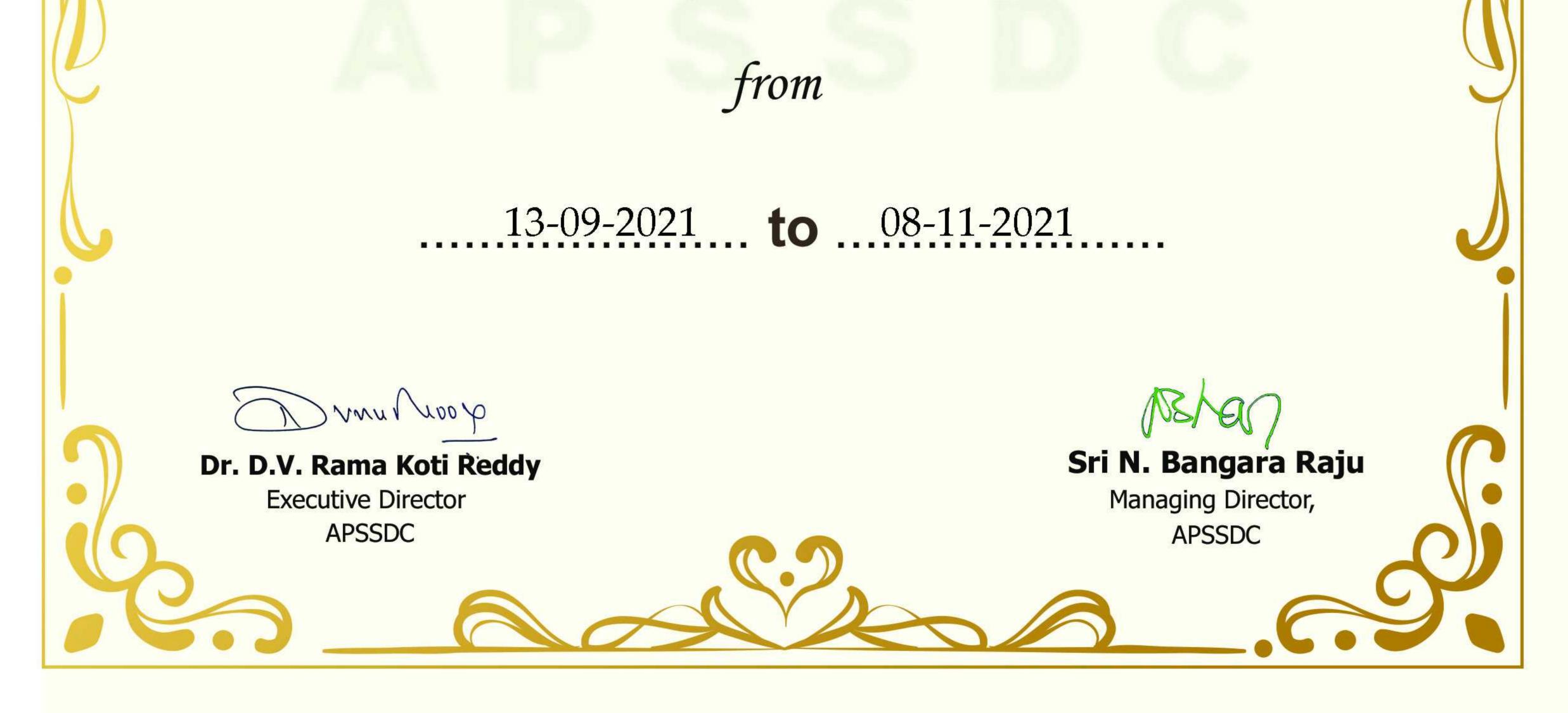
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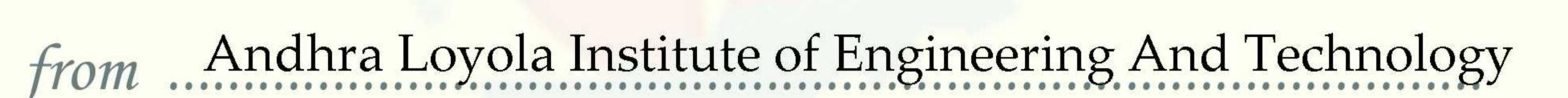
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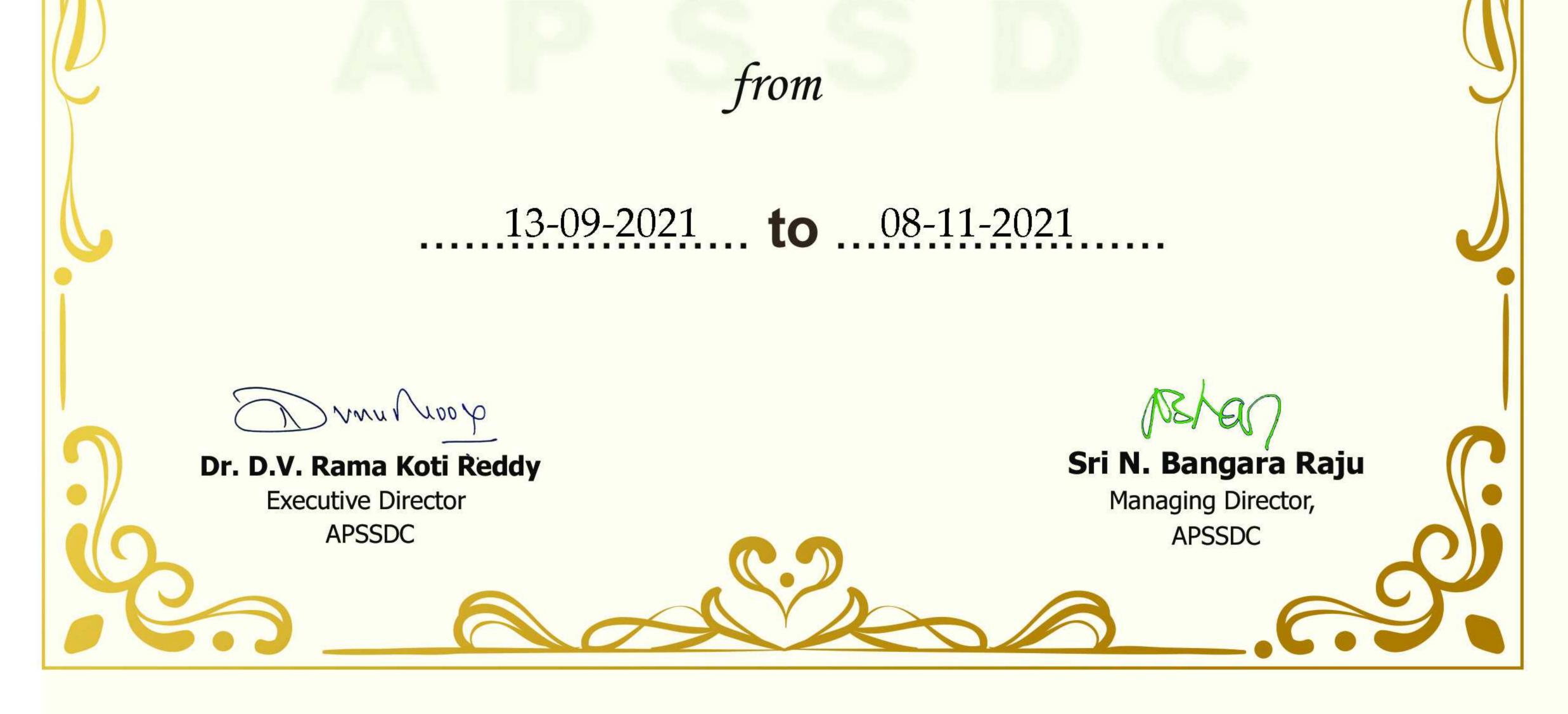


VASAVYA CHEBATHINA

#### has completed Internship

on

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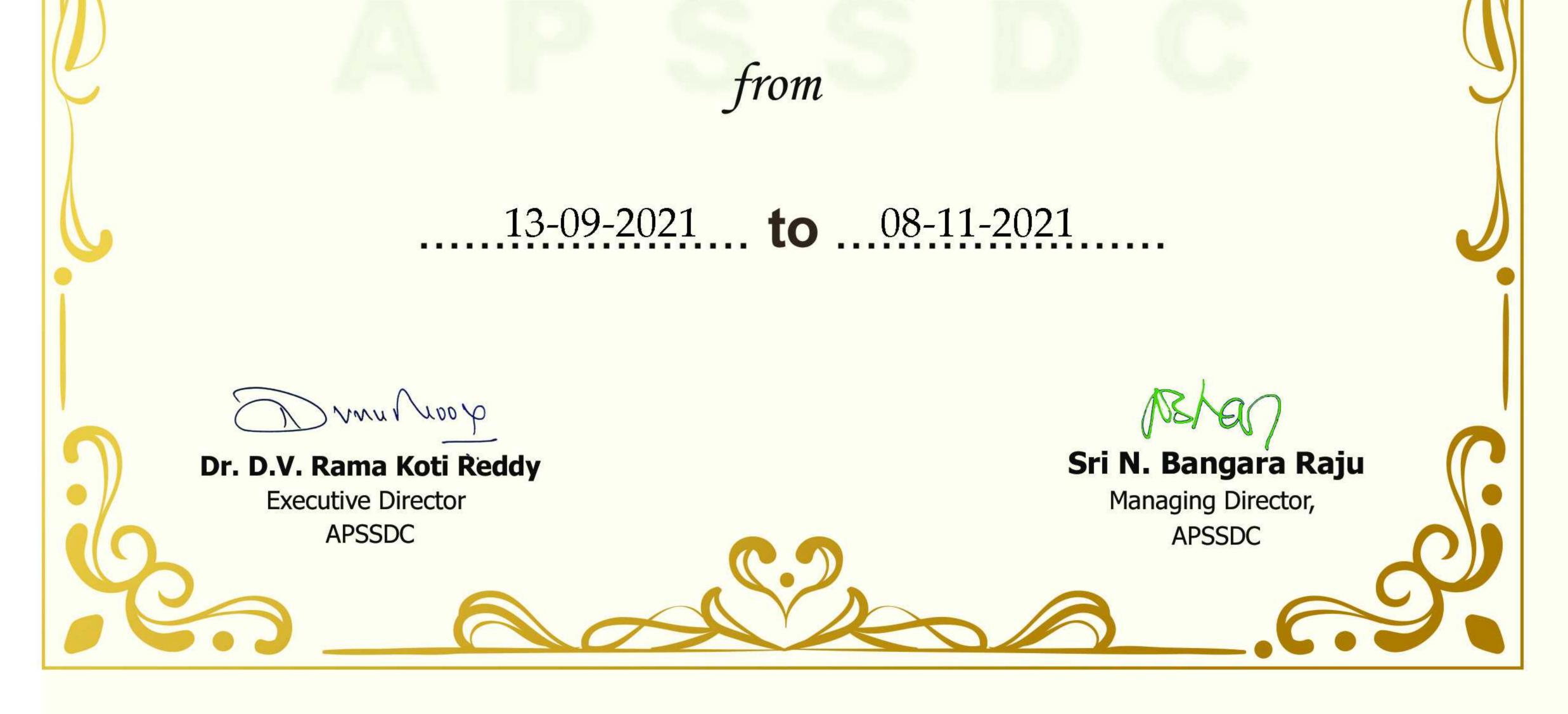


**VIPPARTHI ABHISHEAK** 

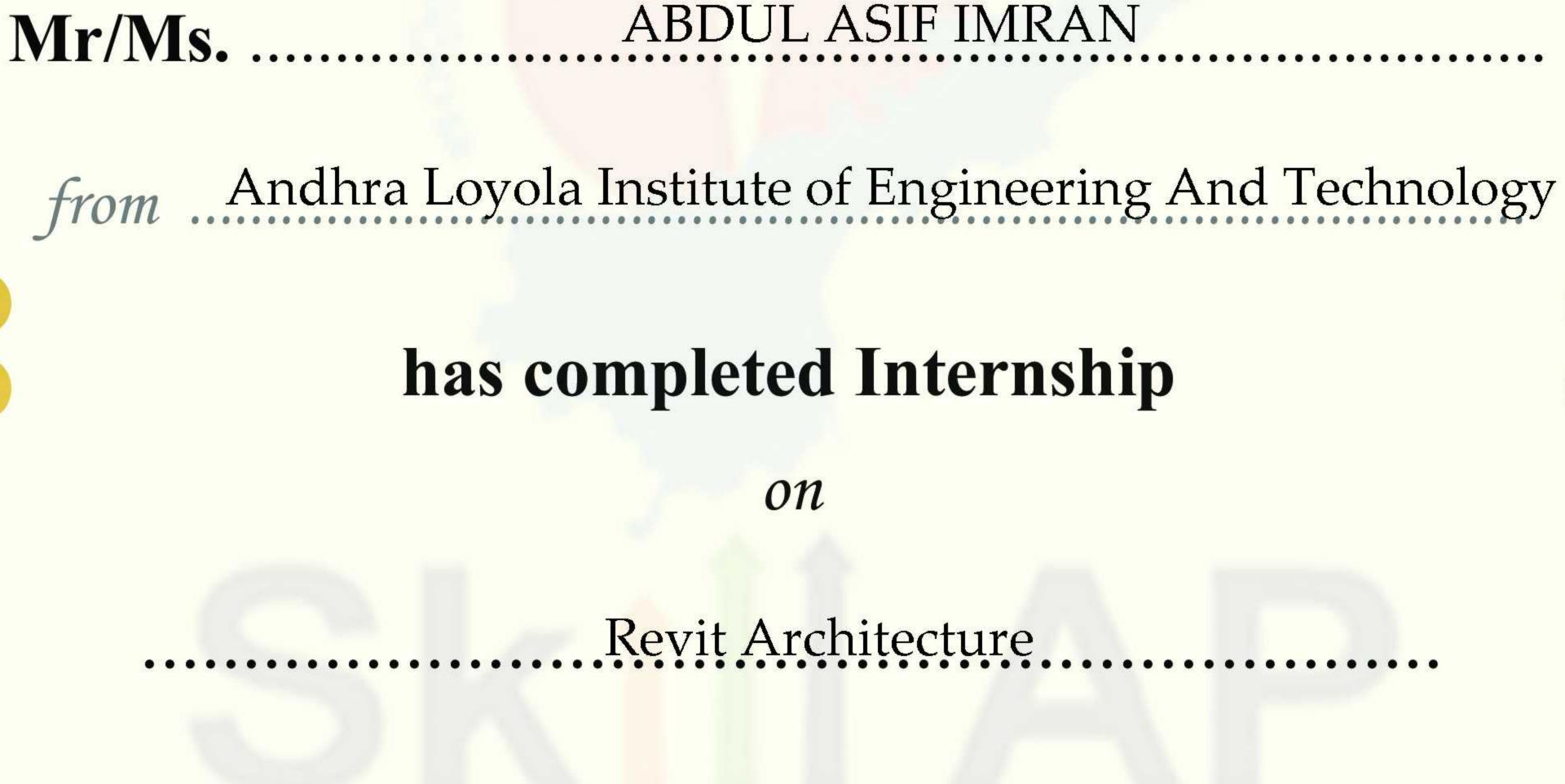
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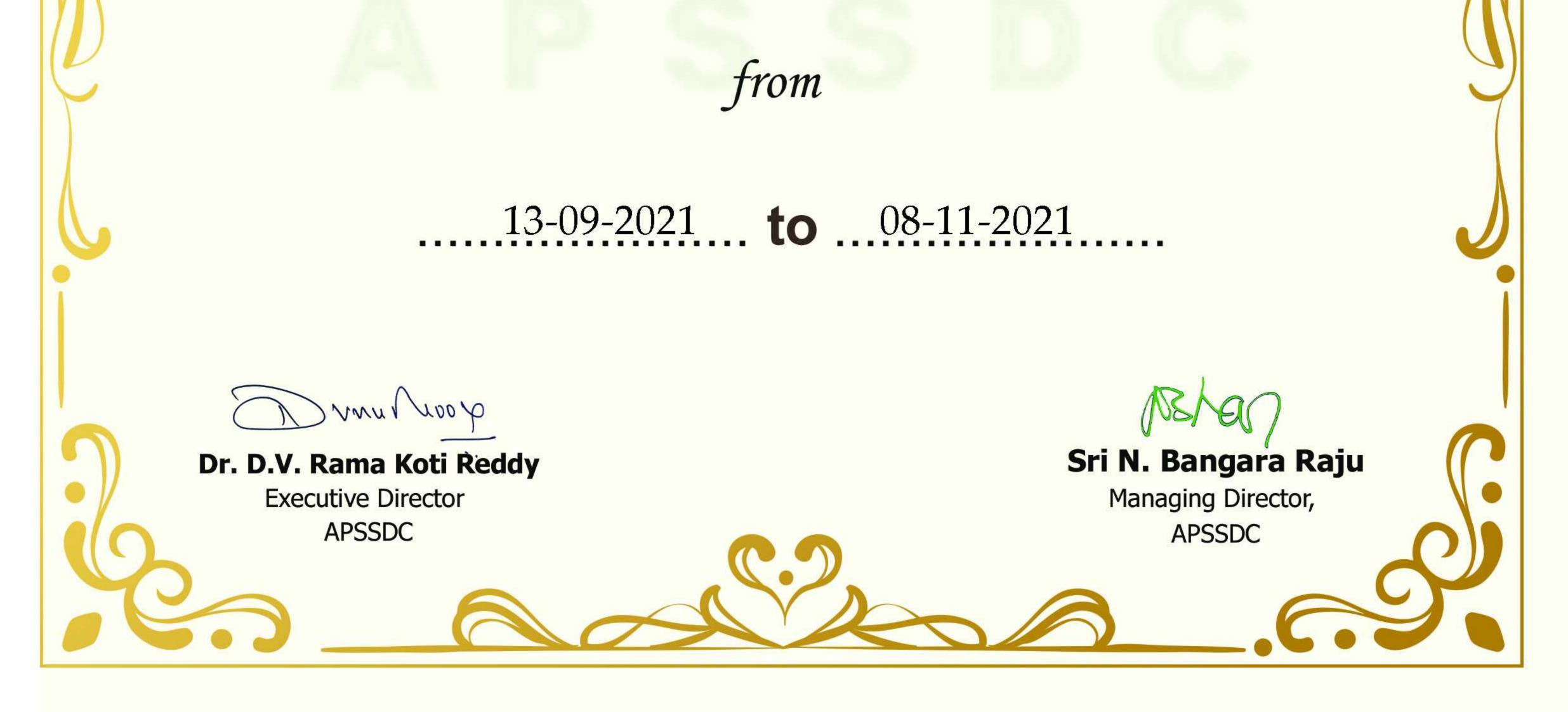
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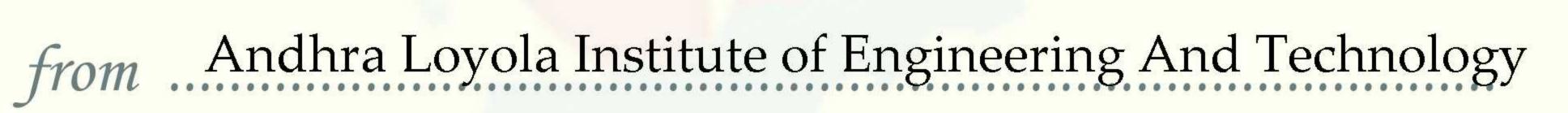










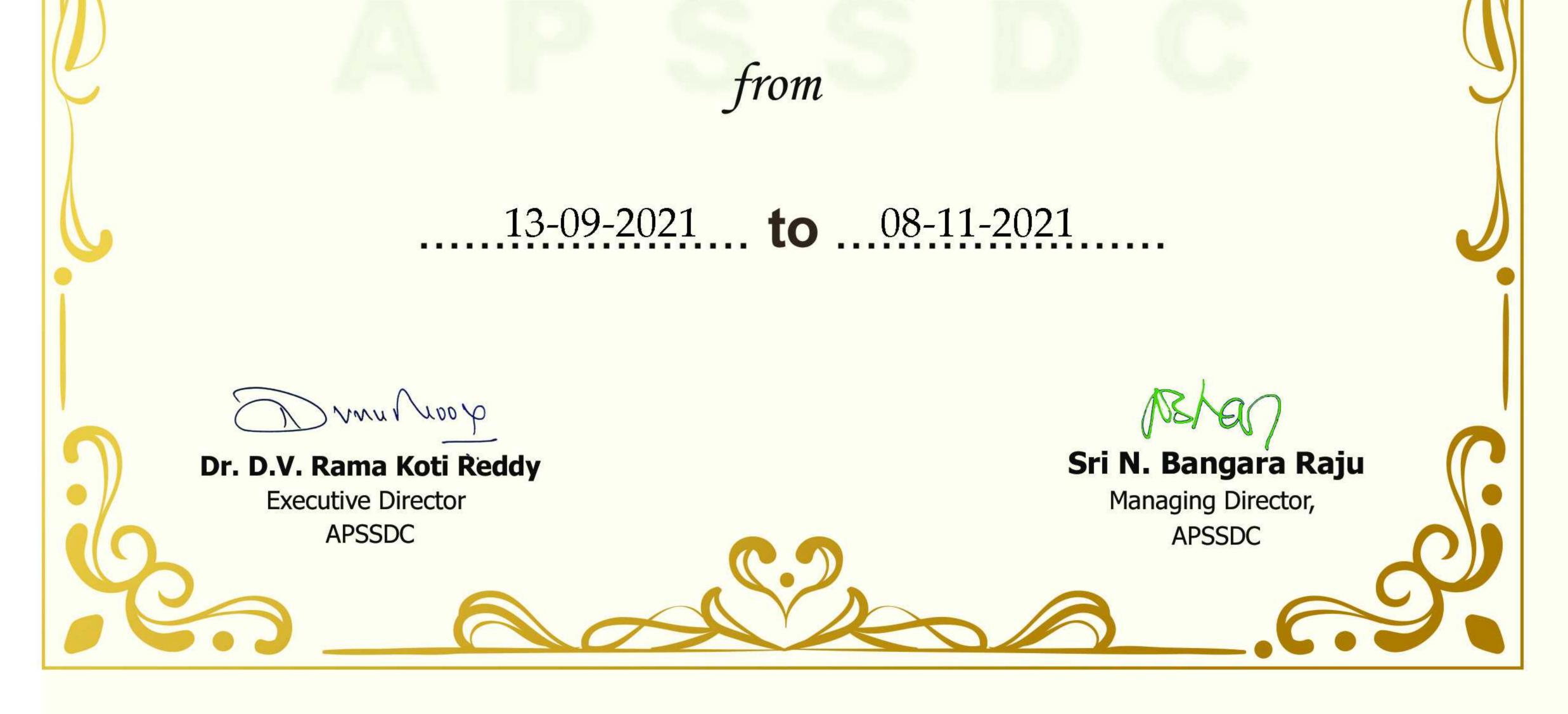


**VELUGU.AVINASH** 

#### has completed Internship

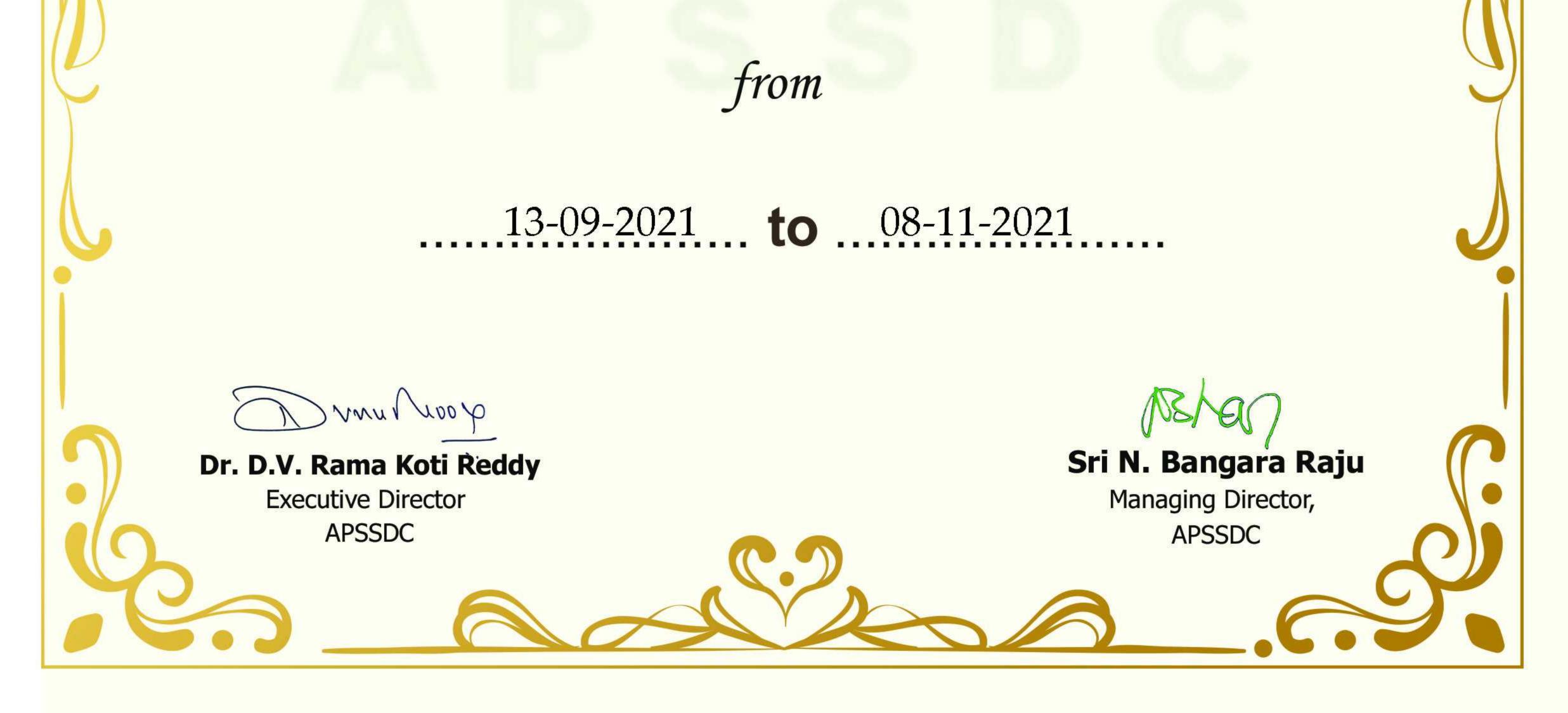
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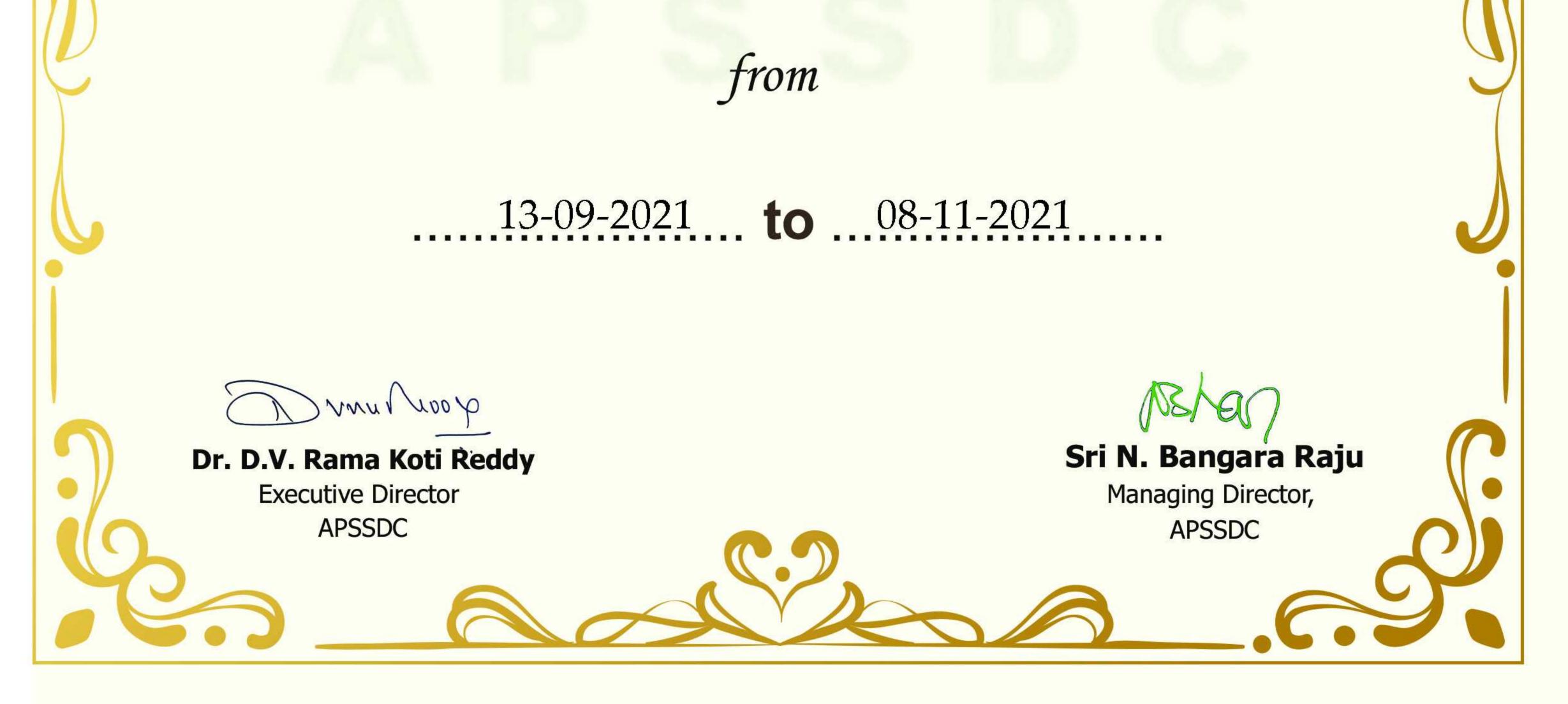


















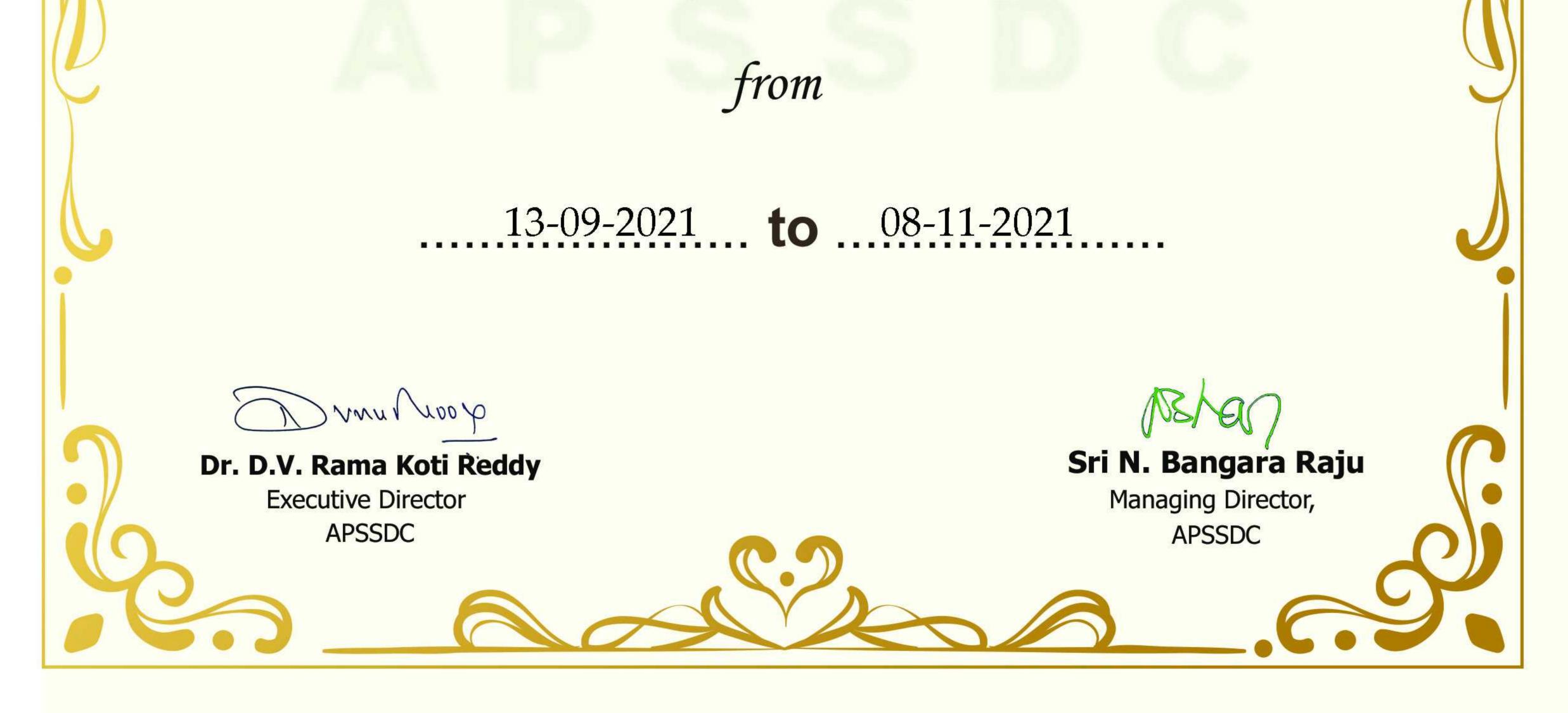
THENTU JASHUVA

#### has completed Internship

Mr/Ms.

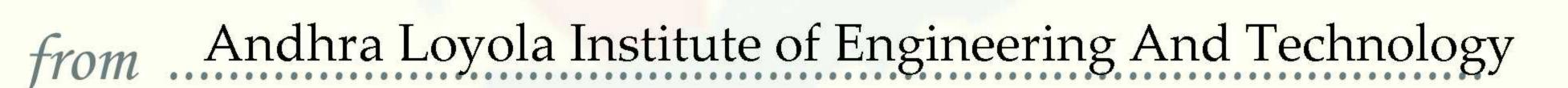
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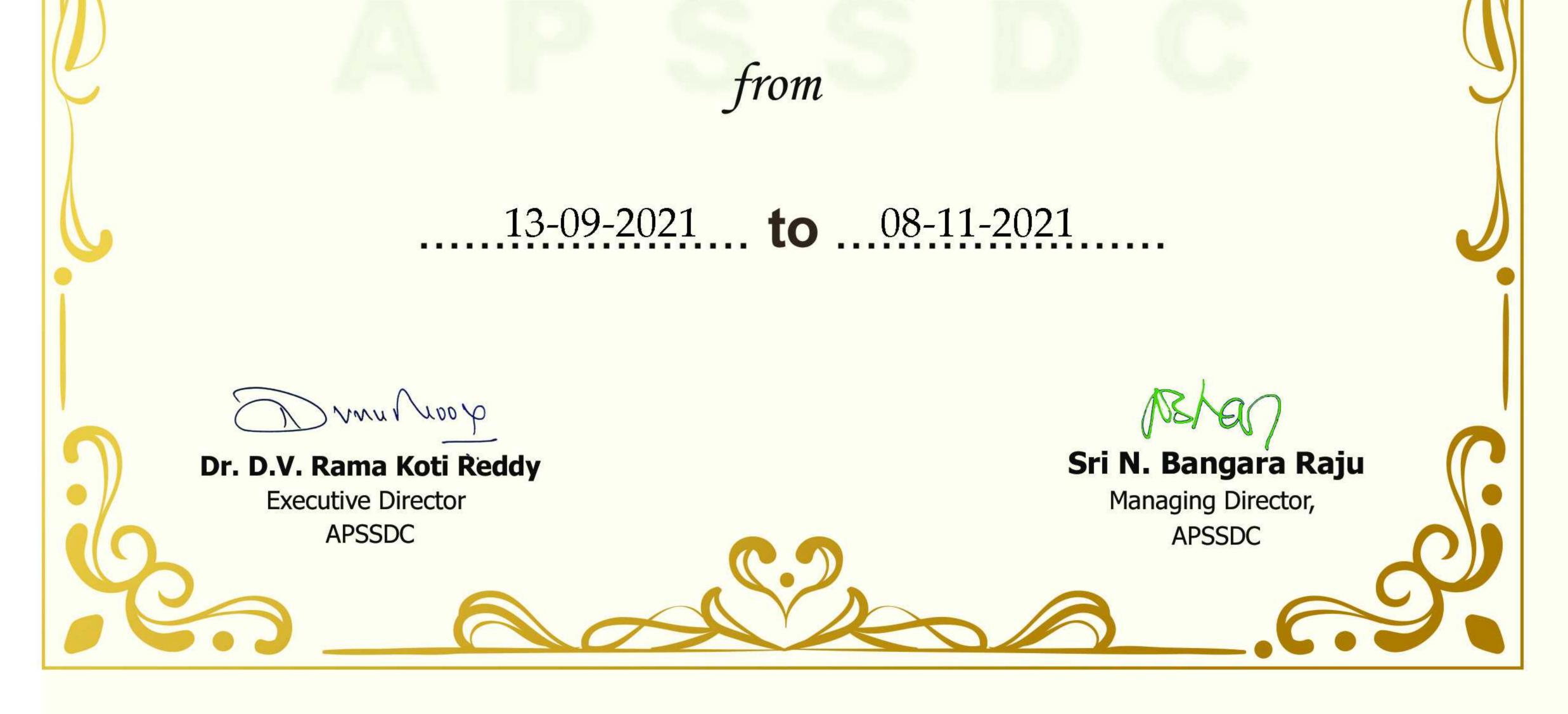
KATURU KIRAN TEJA

#### has completed Internship

Mr/Ms.

on

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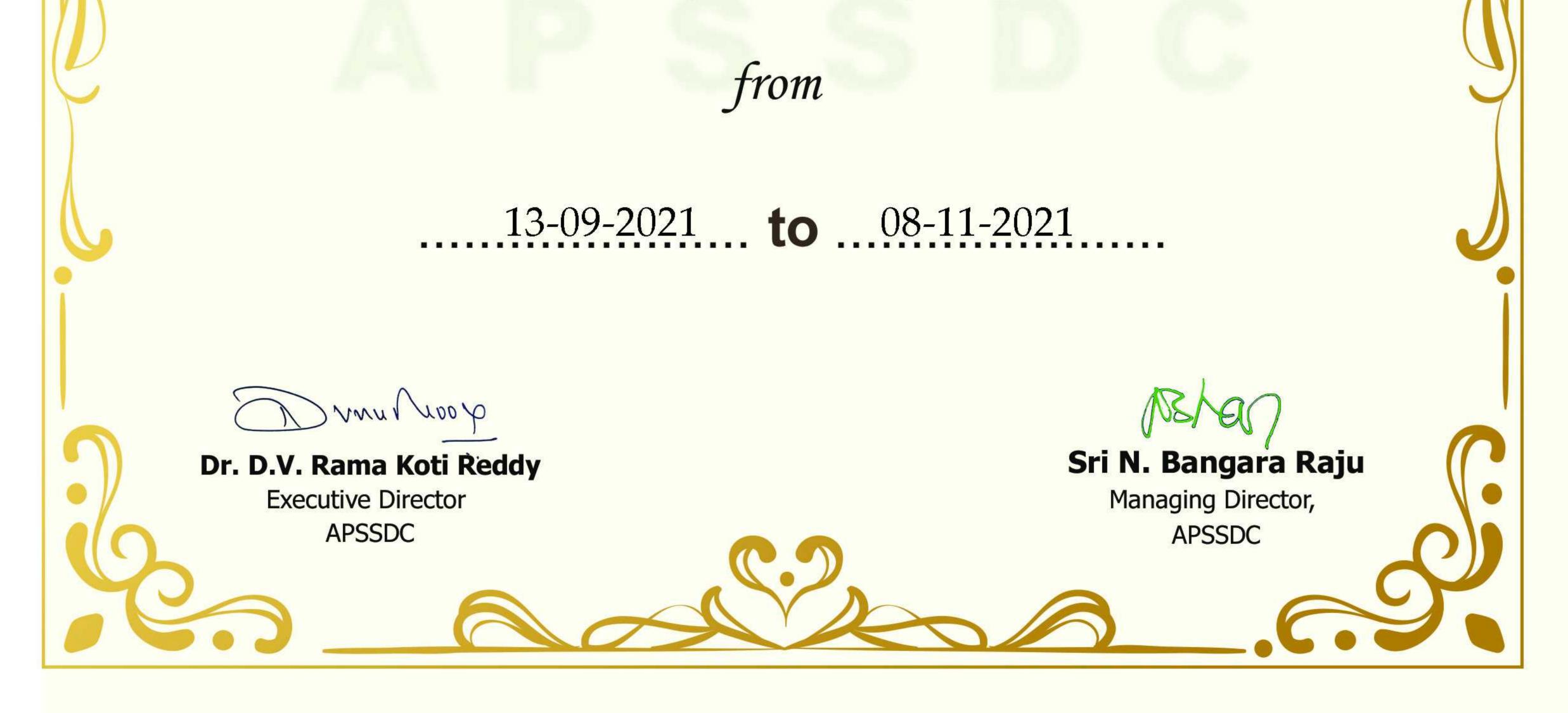
Mr/Ms. POLIMETLA LAKSHMI DURGA NAGA SAI

from Andhra Loyola Institute of Engineering And Technology

### has completed Internship

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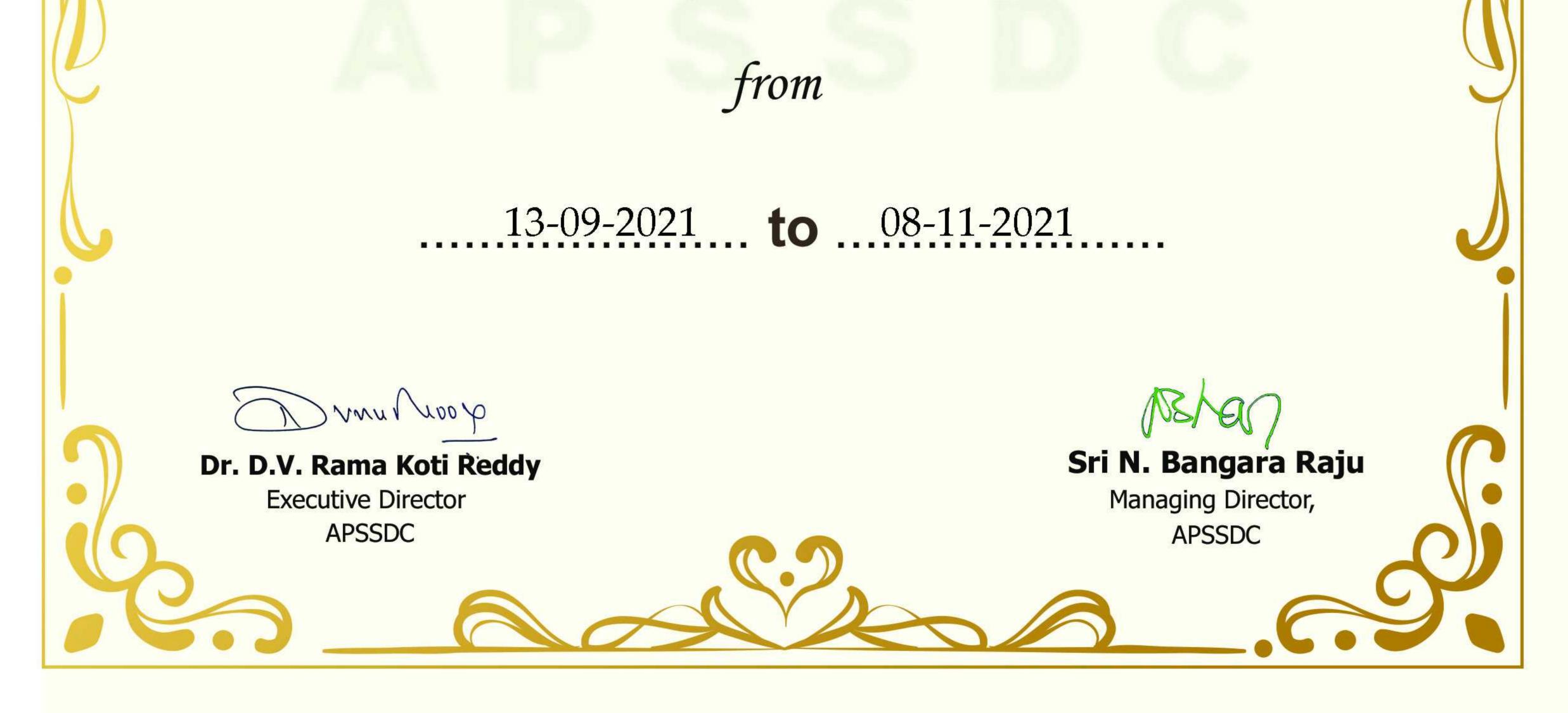


SATYAVARAPU MADHU

#### has completed Internship

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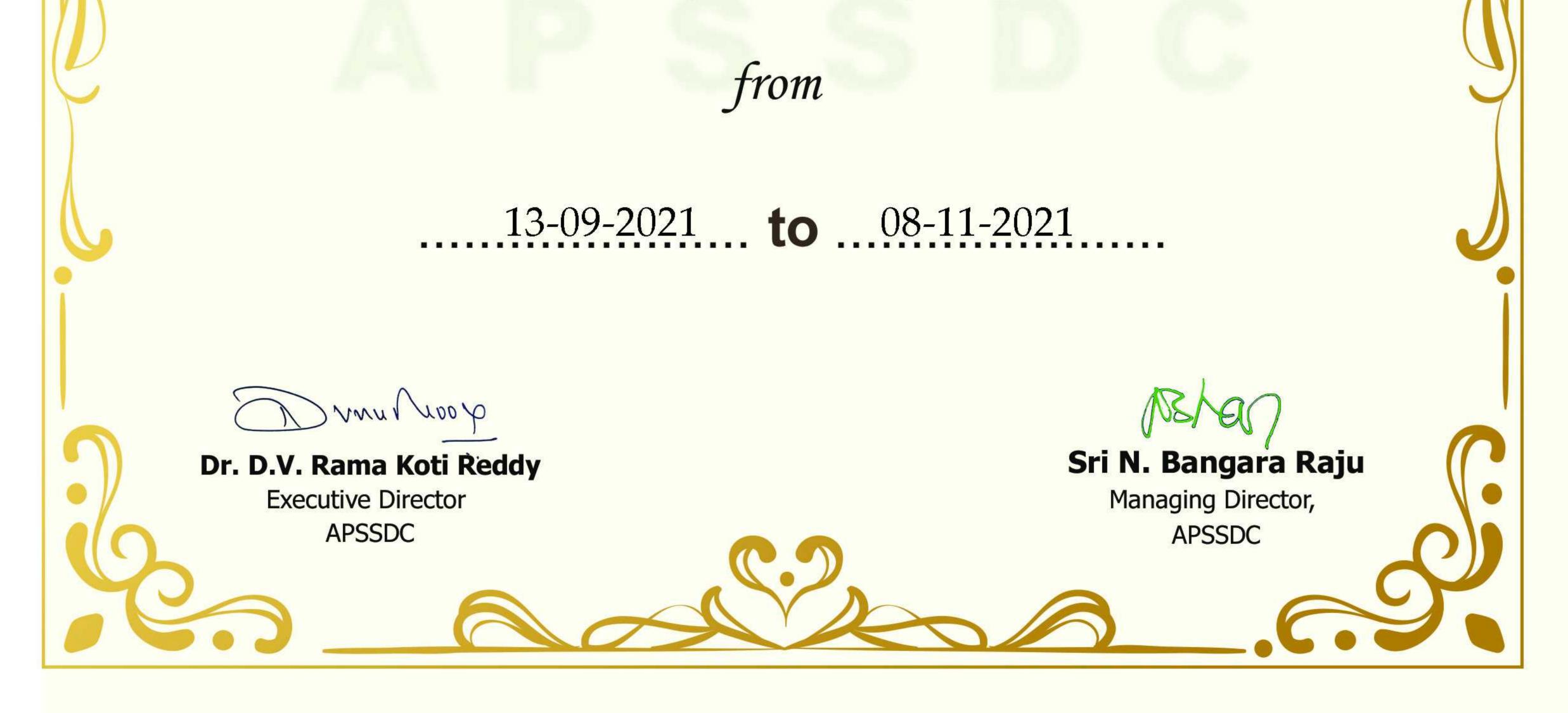






SARVASUDHI NARESH

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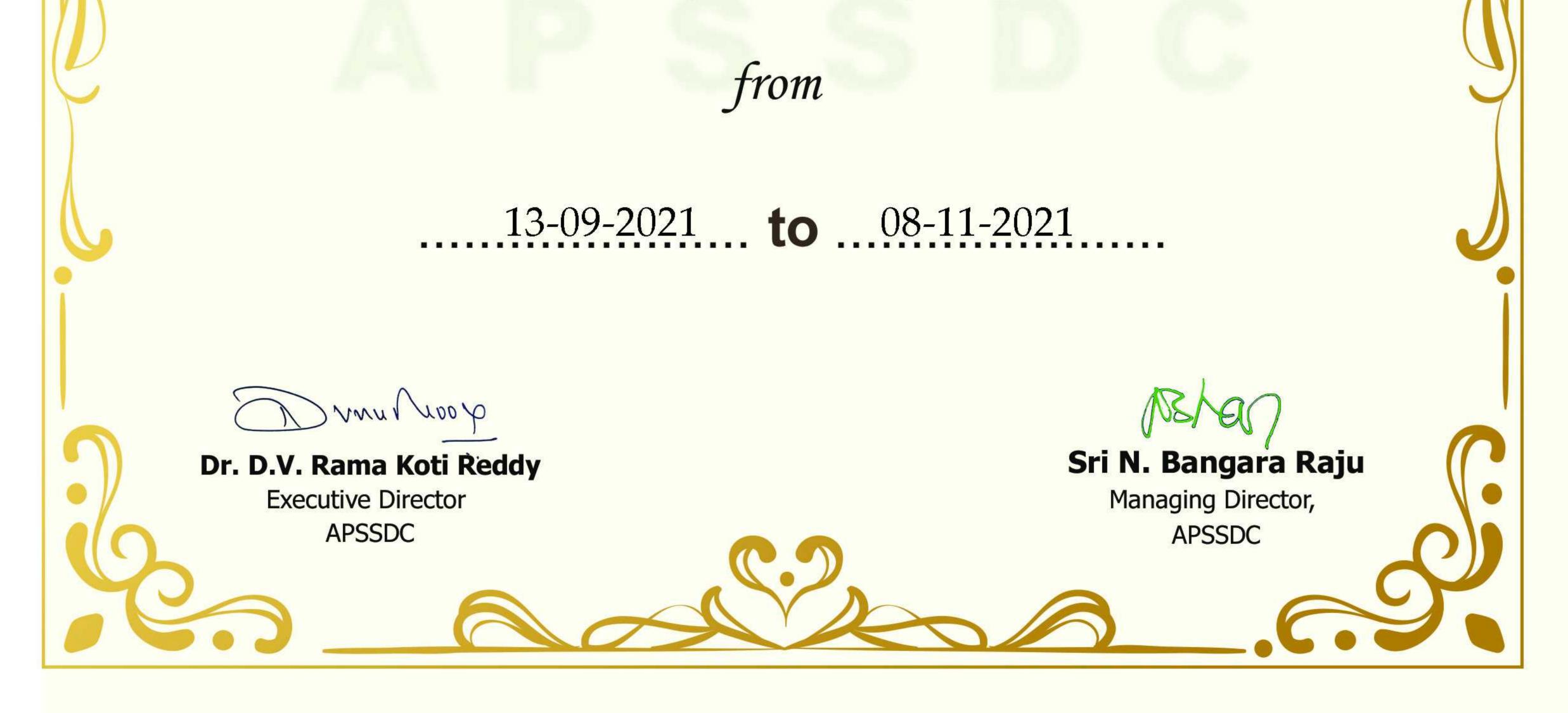


VADDESWARAPU NIKHIL

#### has completed Internship

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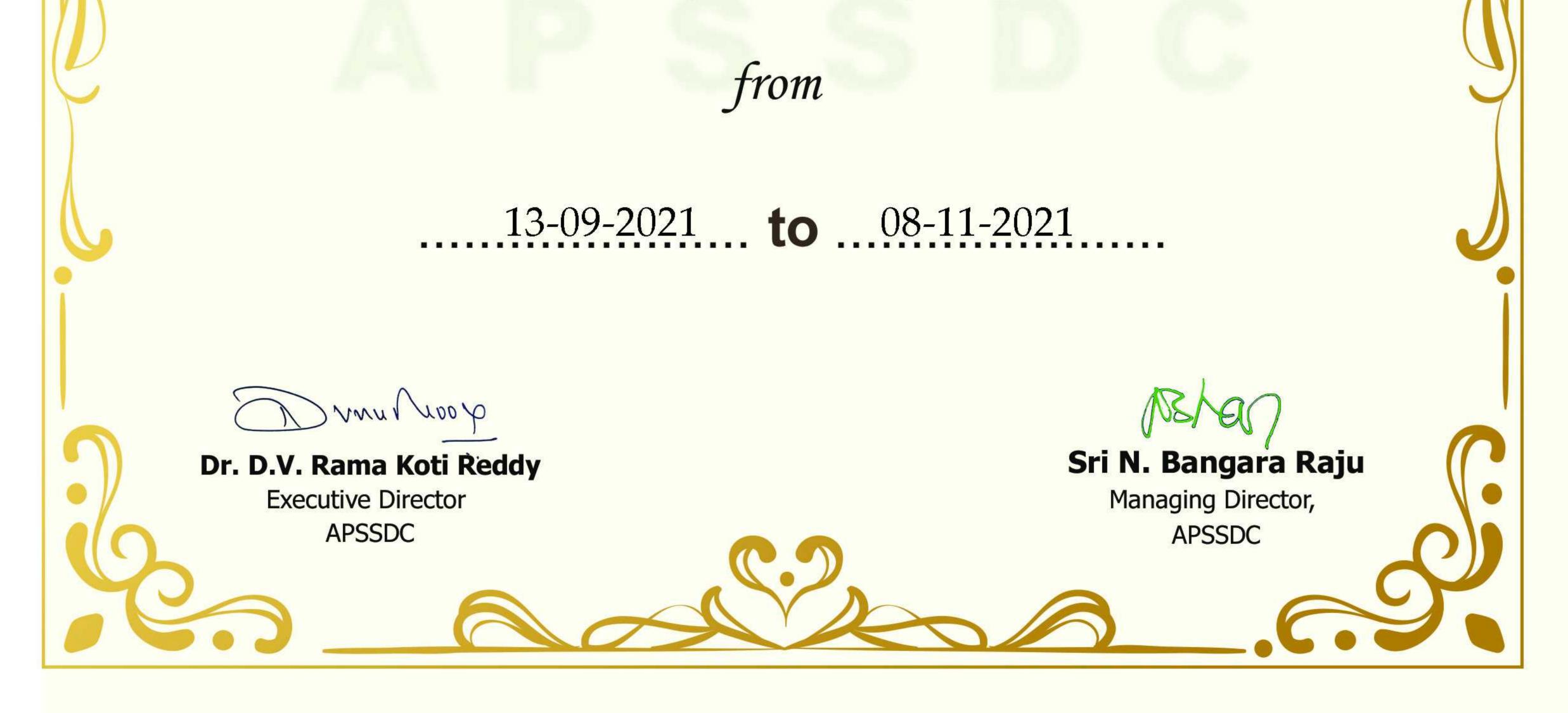
Mr/Ms. BANDARU PARDHIV NARENDRA

from Andhra Loyola Institute of Engineering And Technology

#### has completed Internship

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from Andhra Loyola Institute of Engineering And Technology

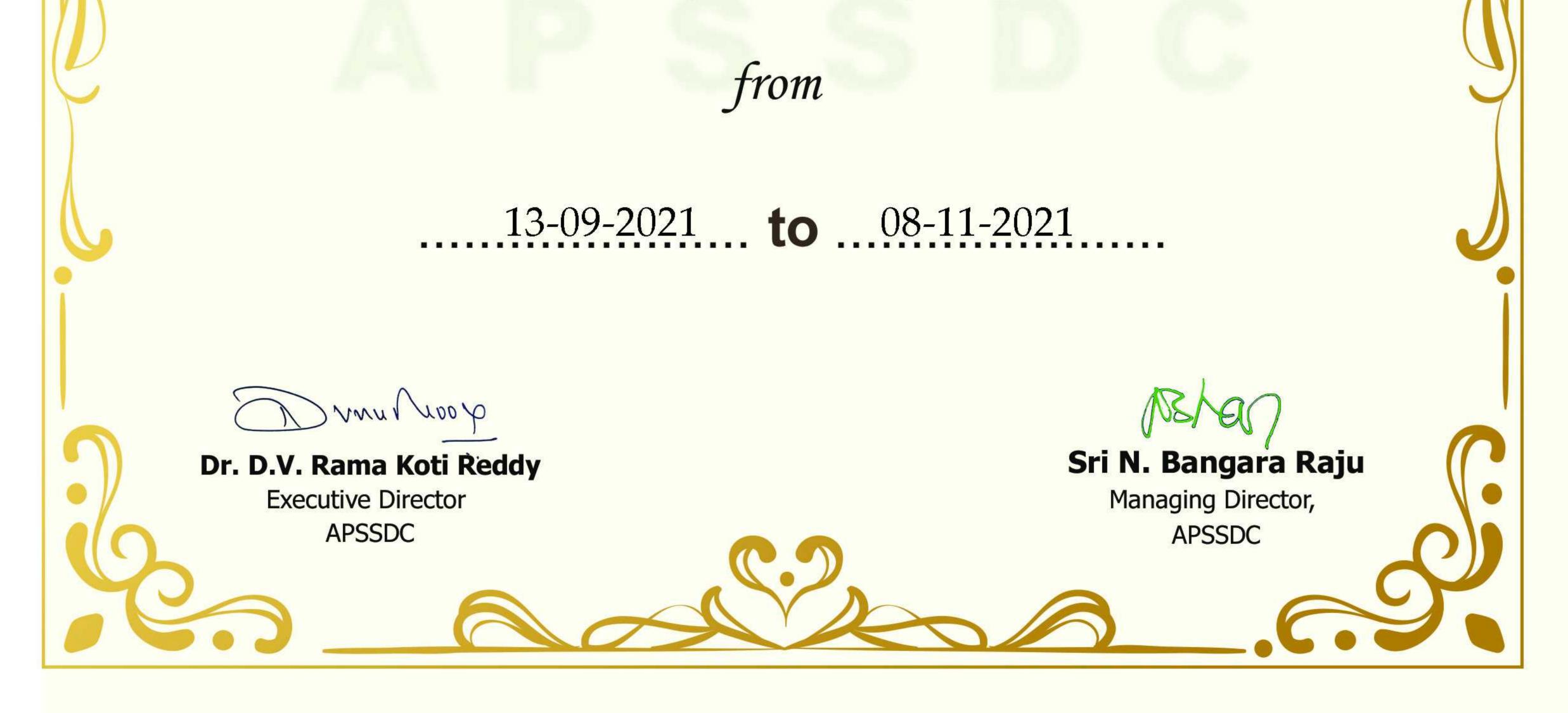
Mr/Ms.

NANDIGAM PAVAN KUMAR

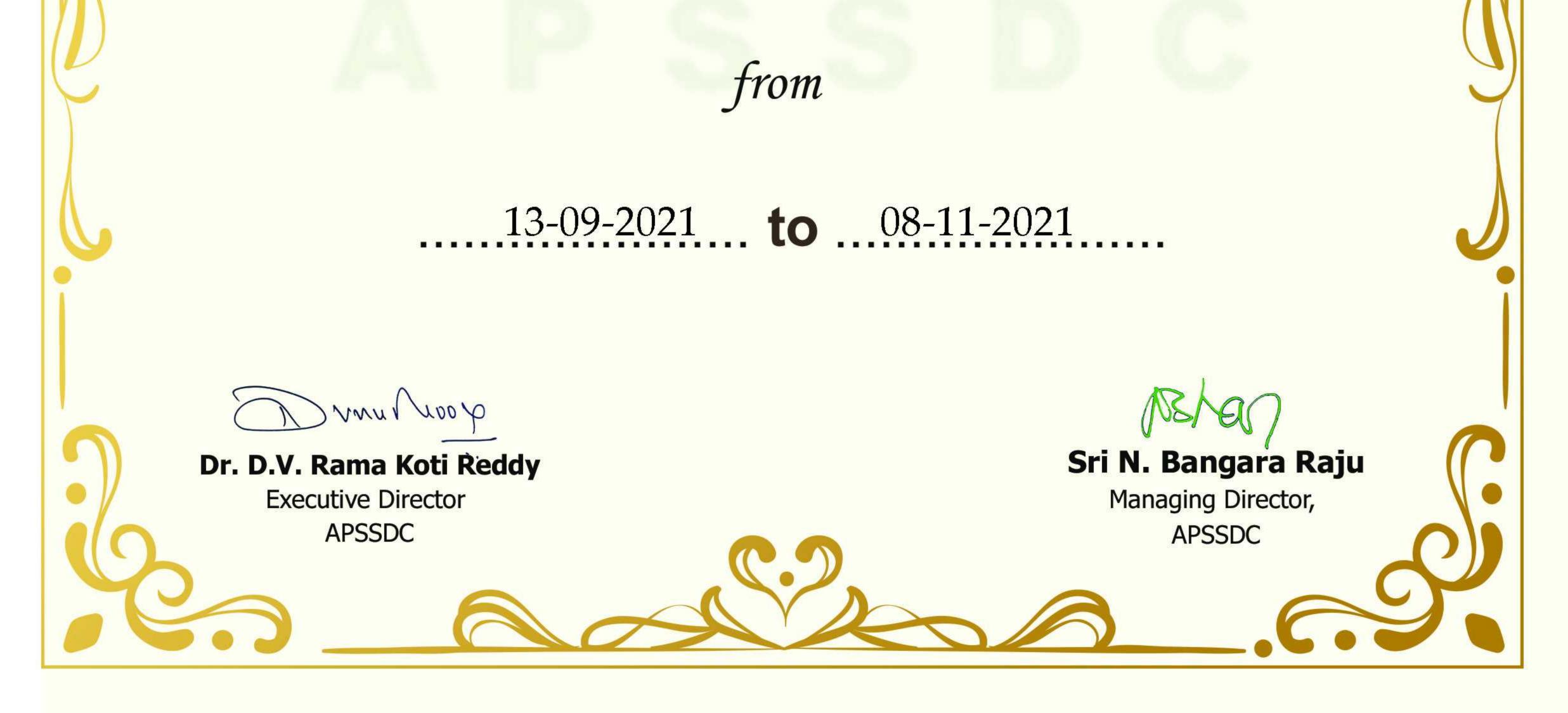
### has completed Internship

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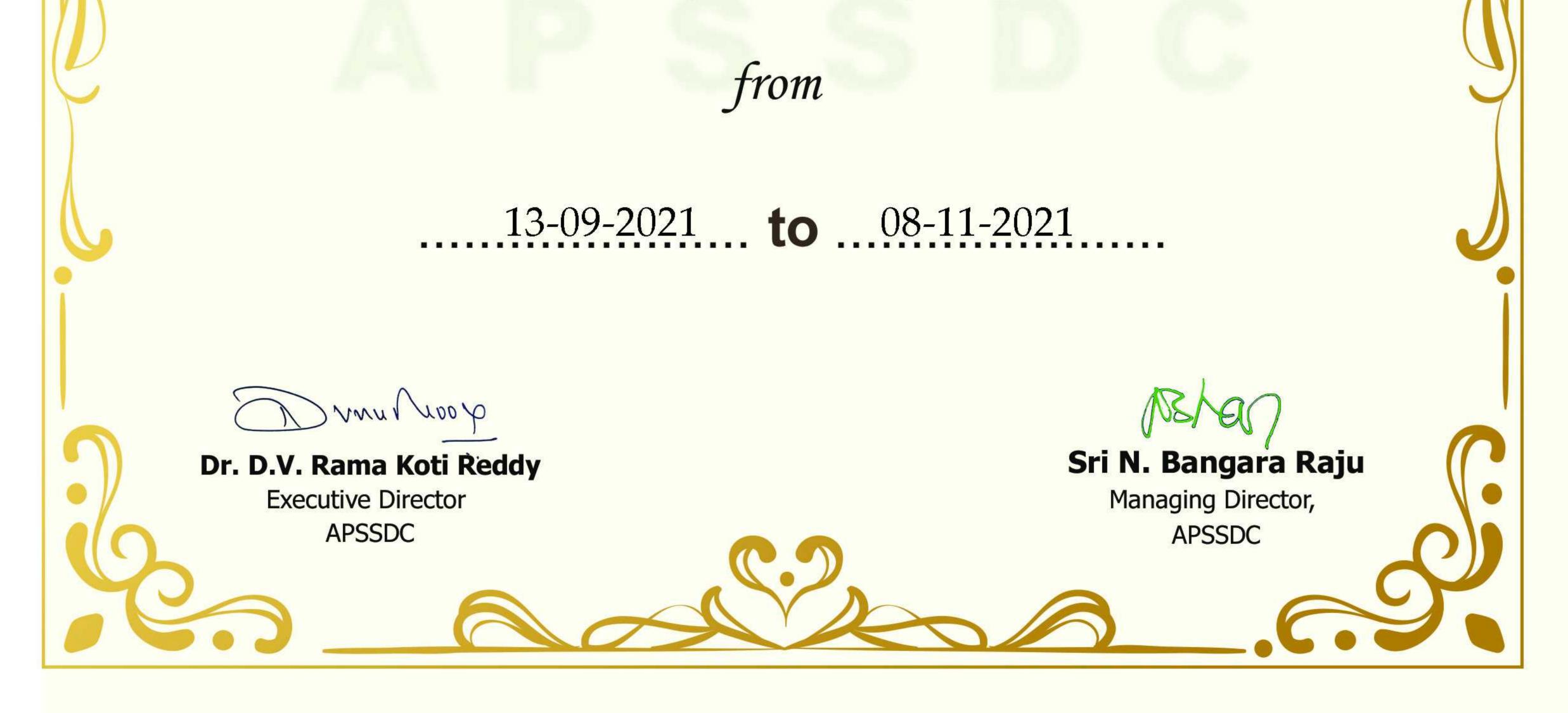
### Mr/Ms. CHITTITOTI.PRABHU KUMAR

from Andhra Loyola Institute of Engineering And Technology

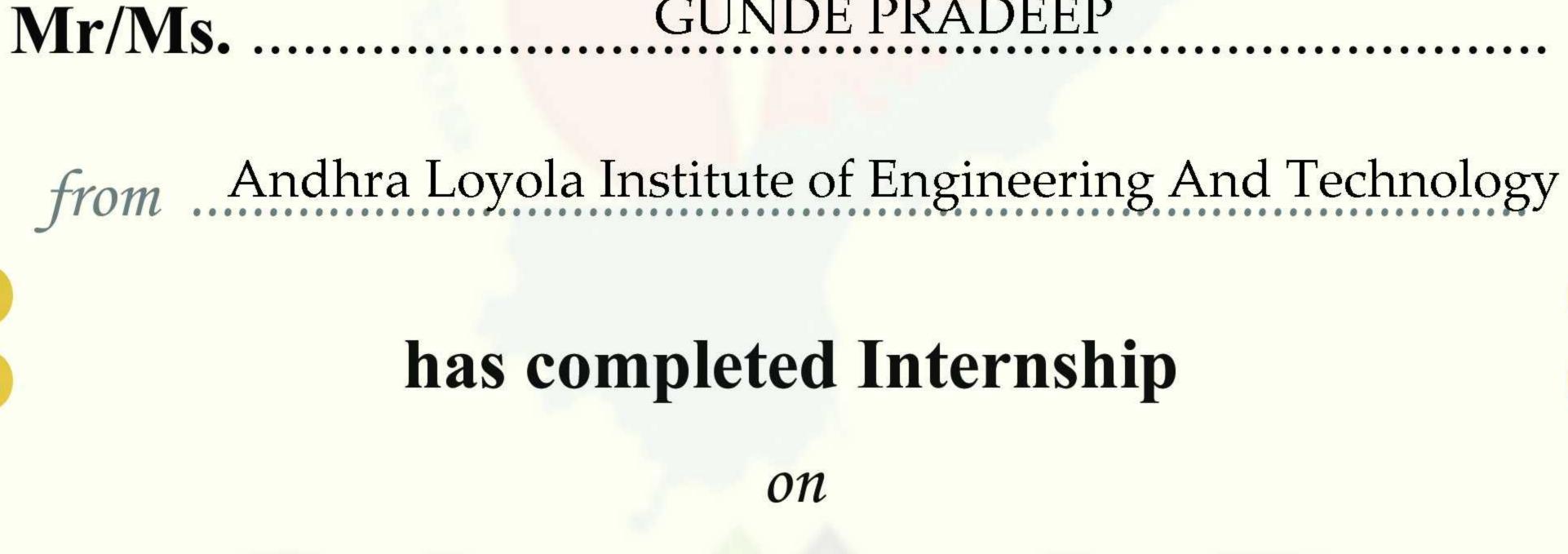
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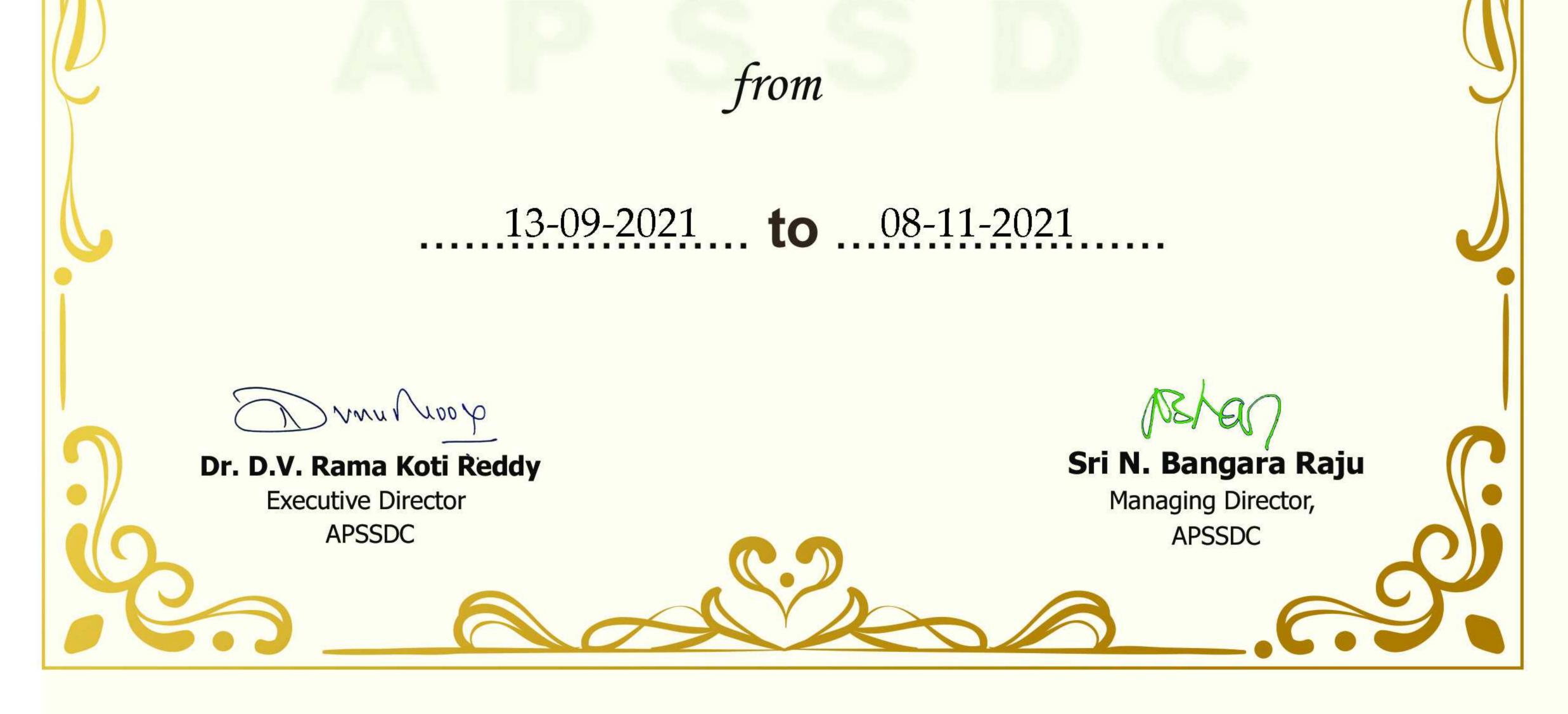






**GUNDE PRADEEP** 

**Revit** Architecture







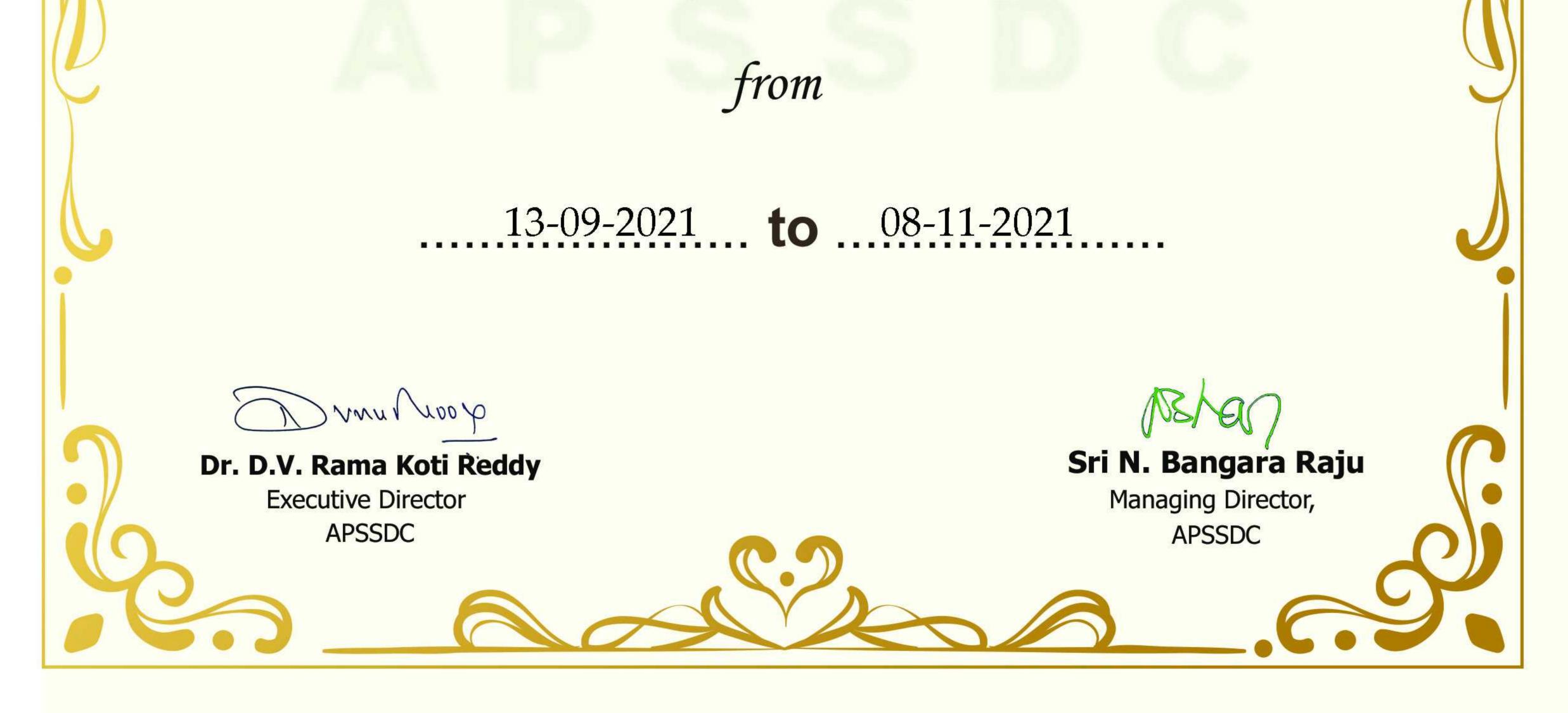


**KAKANI RAM NARESH** 

#### has completed Internship

on

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# from Andhra Loyola Institute of Engineering And Technology

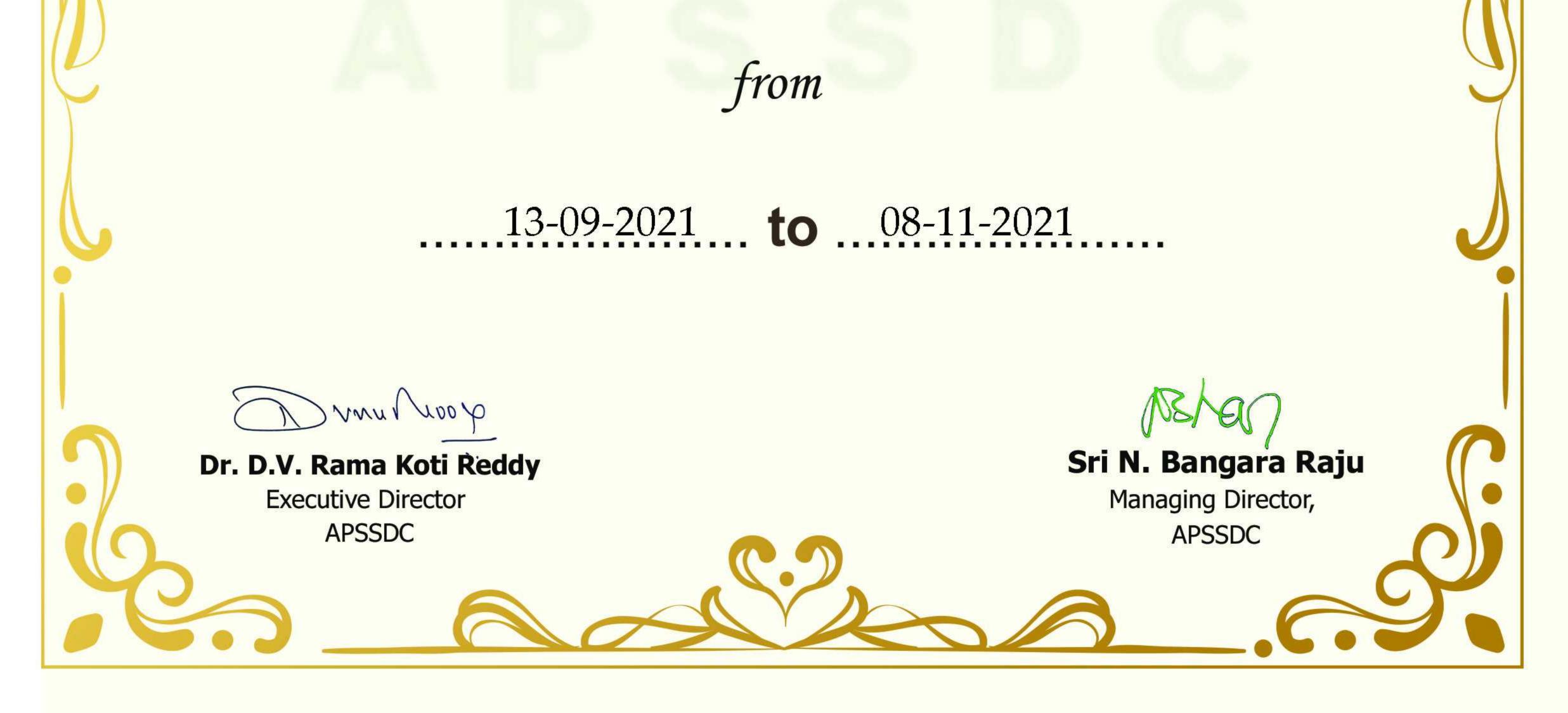
Mr/Ms.

CHINTA.RAVINDRA BABU

## has completed Internship

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from Andhra Loyola Institute of Engineering And Technology

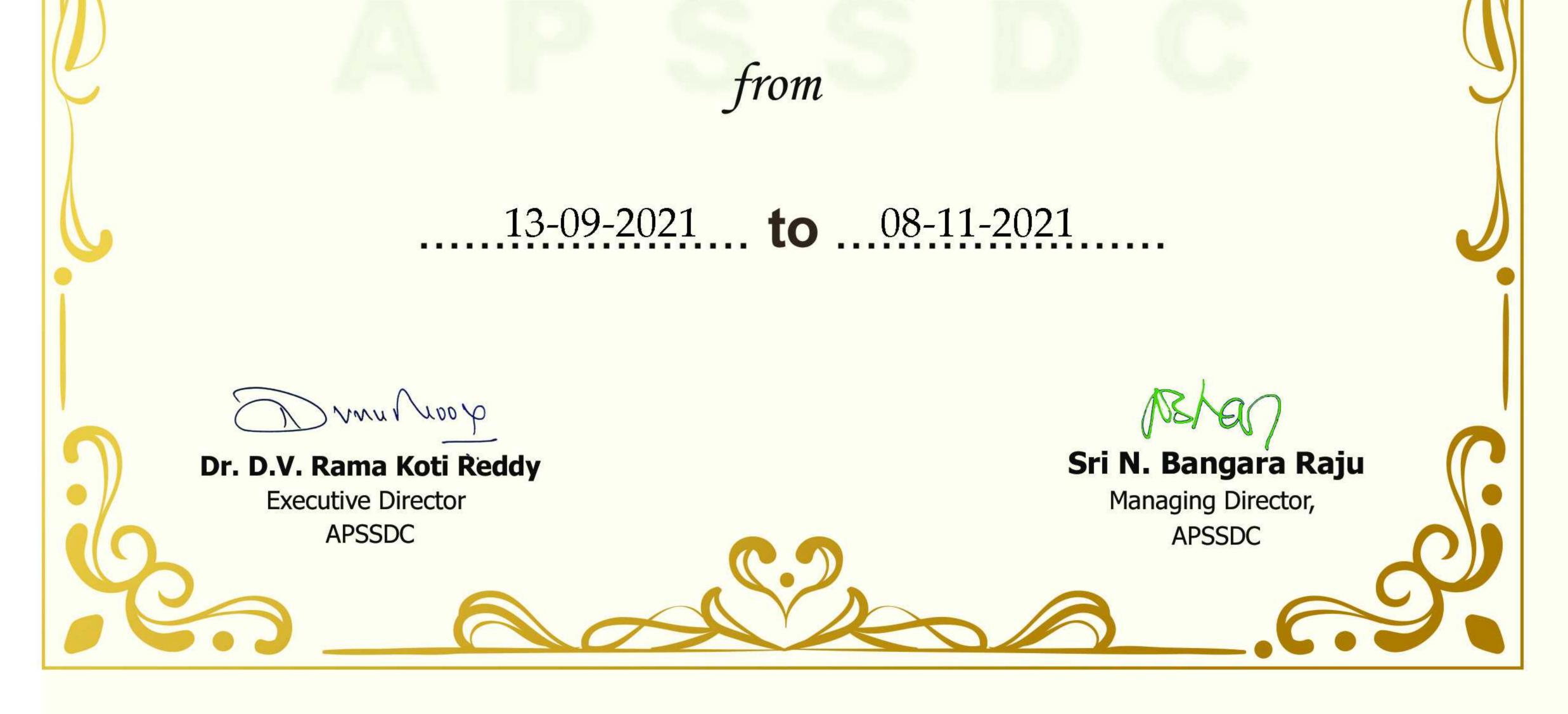
Mr/Ms.

BUKHYA SHANMUKHA RAO

#### has completed Internship

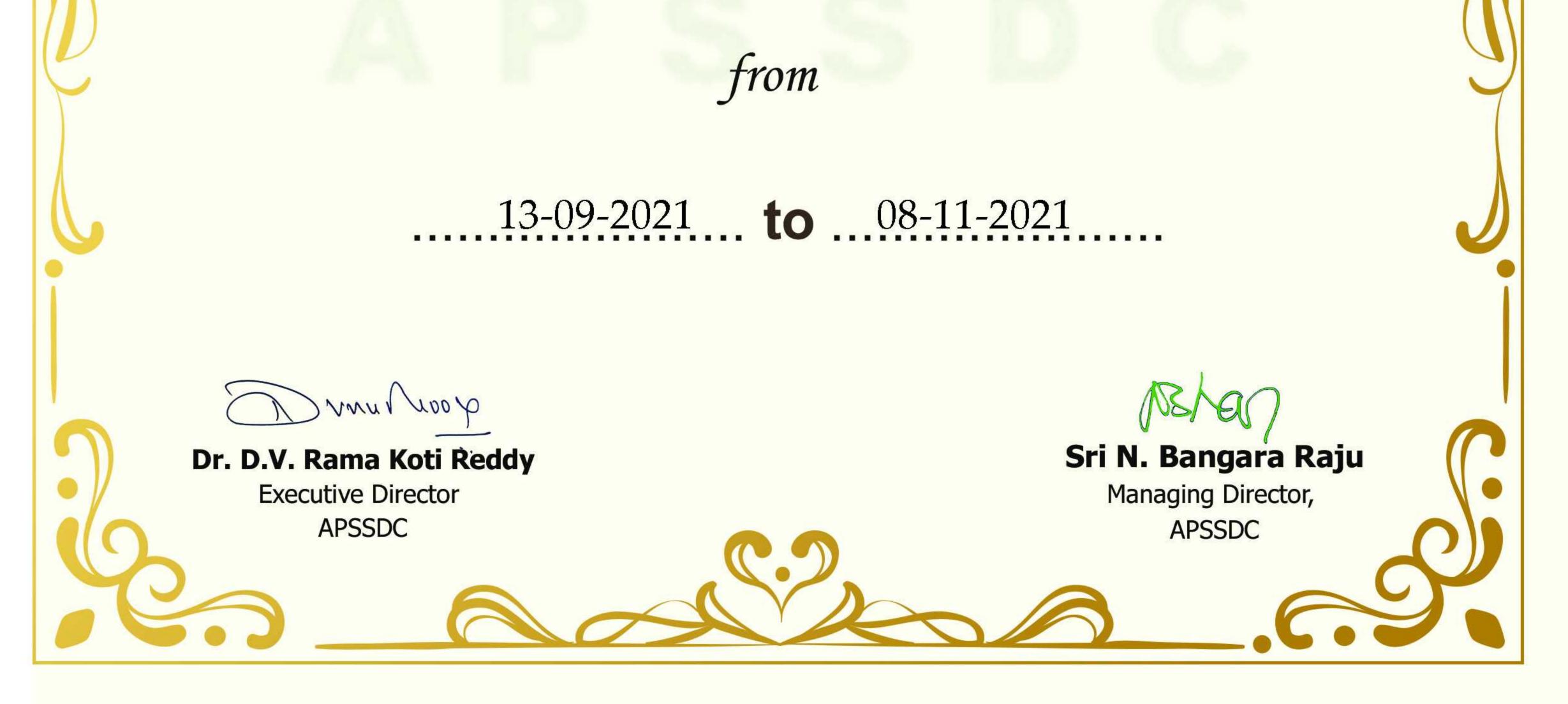
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Revit Architecture



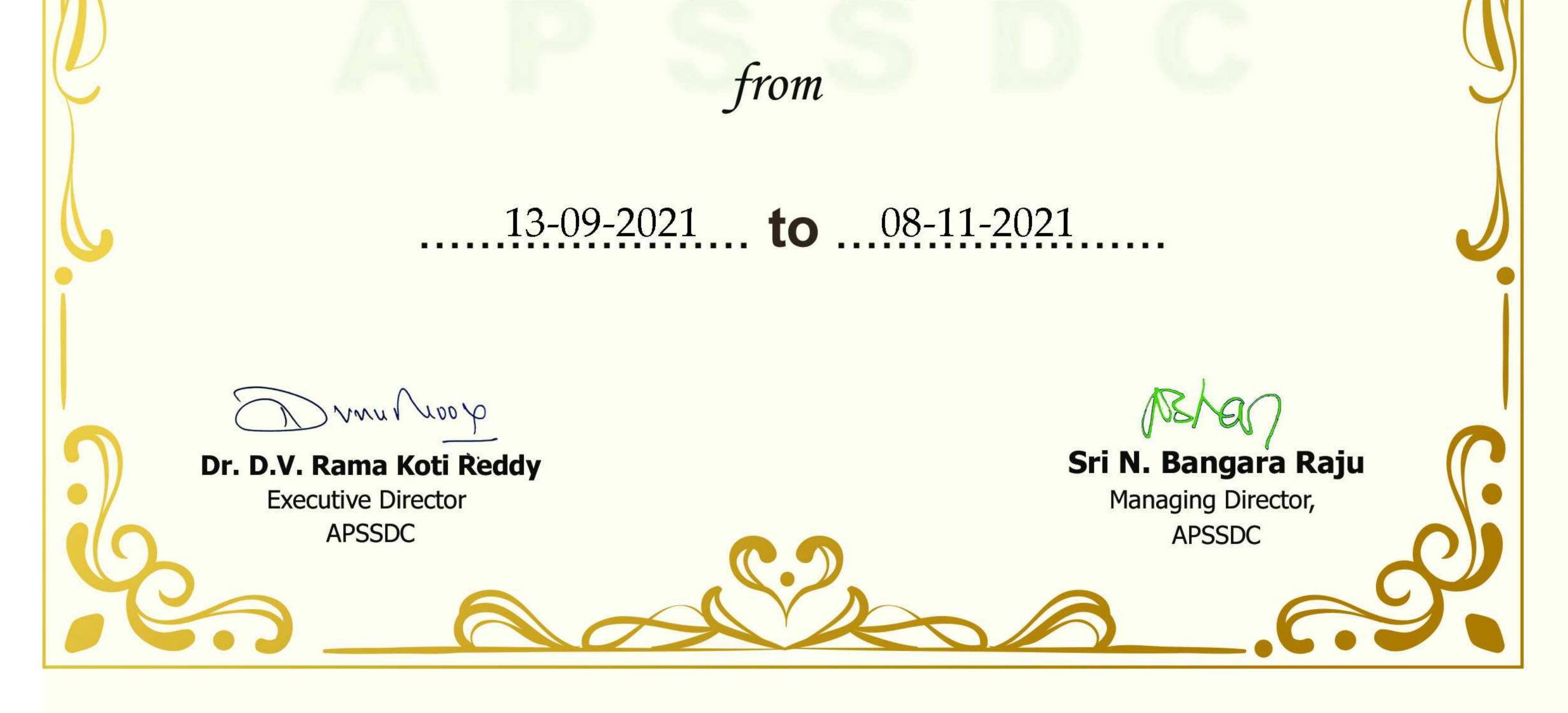








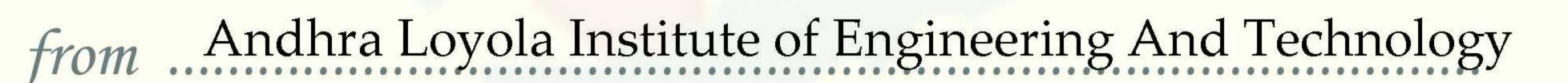












VATHSALYA RITHWIK

#### has completed Internship

Mr/Ms.

on

Revit Architecture

