



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**M. PRIYANKA**

(20221CSE0274)

has successfully completed the value added course on

**MATV027: R Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Jasmine Benazir**



20221CSE0274

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/14



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

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## CERTIFICATE OF COMPLETION

This is to certify that

**POLANKI VENKATA CHARAN**

(20221CSE0265)

has successfully completed the value added course on

**MATV027: R Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Jasmine Benazir**



20221CSE0265

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/12



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School of Engineering



# PRESIDENCY UNIVERSITY

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## CERTIFICATE OF COMPLETION

This is to certify that

**H BASAMMA**

(20221CSE0312)

has successfully completed the value added course on

**MATV027: R Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Jasmine Benazir**



20221CSE0312

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/6



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## CERTIFICATE OF COMPLETION

This is to certify that

**RAYYAN SHARIFF**

(20221CSE0377)

has successfully completed the value added course on

**MATV027: R Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Jasmine Benazir**



20221CSE0377

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/8



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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**BHOOMIKA M C**

(20221CSE0313)

has successfully completed the value added course on

**MATV027: R Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Jasmine Benazir**



20221CSE0313

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/5



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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**A SUREKHA**

(20221CSE0310)

has successfully completed the value added course on

**MATV027: R Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Jasmine Benazir**



20221CSE0310

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/7



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## CERTIFICATE OF COMPLETION

This is to certify that

**SYED THOUSIF**

(20221CSE0234)

has successfully completed the value added course on

**MATV027: R Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Jasmine Benazir**



20221CSE0234

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/11



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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**AYUSH SINGH**

(20221CSE0035)

has successfully completed the value added course on

**MATV027: R Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Jasmine Benazir**



20221CSE0035

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/13



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## CERTIFICATE OF COMPLETION

This is to certify that

**HARISH S**

(20221CSE0316)

has successfully completed the value added course on

**MATV027: R Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Jasmine Benazir**



20221CSE0316

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/3



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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**YUKTHI S MOHAN**

(20221CSE0479)

has successfully completed the value added course on

**MATV027: R Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Jasmine Benazir**



20221CSE0479

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/9



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## CERTIFICATE OF COMPLETION

This is to certify that

**K GANGOTHRI**

(20221CSE0320)

has successfully completed the value added course on

**MATV027: R Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Jasmine Benazir**



20221CSE0320

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/2



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## CERTIFICATE OF COMPLETION

This is to certify that

**SAHANA RAMACHANDRA PATGAR**

(20221CSE0468)

has successfully completed the value added course on

**MATV027: R Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Jasmine Benazir**



20221CSE0468

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/10



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## CERTIFICATE OF COMPLETION

This is to certify that

**KAVYA R**

(20221CSE0322)

has successfully completed the value added course on

**MATV027: R Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Jasmine Benazir**



20221CSE0322

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/1



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## CERTIFICATE OF COMPLETION

This is to certify that

**G SYED LUQMAAN**

(20221CSE0315)

has successfully completed the value added course on

**MATV027: R Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Jasmine Benazir**



20221CSE0315

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/4



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# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**P THANEESHA**

(20221CSE0168)

has successfully completed the value added course on  
**MATV030: Introduction to Maple Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Mrs. Babitha**



20221CSE0168

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/9



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

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## CERTIFICATE OF COMPLETION

This is to certify that

**PAVAN K**

(20221CSE0294)

has successfully completed the value added course on  
**MATV030: Introduction to Maple Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Mrs. Babitha**



20221CSE0294

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/8



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# PRESIDENCY UNIVERSITY

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## CERTIFICATE OF COMPLETION

This is to certify that

**SAKSHI KUMARI**

(20221CSE0388)

has successfully completed the value added course on  
**MATV030: Introduction to Maple Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Mrs. Babitha**



20221CSE0388

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/7



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# PRESIDENCY UNIVERSITY

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## CERTIFICATE OF COMPLETION

This is to certify that

**BERELA DHEERAJ**

(20221CSE0239)

has successfully completed the value added course on  
**MATV030: Introduction to Maple Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Mrs. Babitha**



20221CSE0239

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/10



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## CERTIFICATE OF COMPLETION

This is to certify that

**BHUVAN B S**

(20221CSE0298)

has successfully completed the value added course on  
**MATV030: Introduction to Maple Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Mrs. Babitha**



20221CSE0298

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/5



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## CERTIFICATE OF COMPLETION

This is to certify that

**CHANDU H S**

(20221CSE0300)

has successfully completed the value added course on  
**MATV030: Introduction to Maple Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Mrs. Babitha**



20221CSE0300

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/4



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## CERTIFICATE OF COMPLETION

This is to certify that

**LINGESH GOWDA V N**

(20221CSE0303)

has successfully completed the value added course on  
**MATV030: Introduction to Maple Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Mrs. Babitha**



20221CSE0303

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/3



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## CERTIFICATE OF COMPLETION

This is to certify that

**PRATHAM S**

(20221CSE0305)

has successfully completed the value added course on  
**MATV030: Introduction to Maple Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Mrs. Babitha**



20221CSE0305

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/2



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# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**PRIYANKA G**

(20221CSE0307)

has successfully completed the value added course on  
**MATV030: Introduction to Maple Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Mrs. Babitha**



20221CSE0307

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/1



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# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**ABHISHEK RAVINDRA NADUGERI**

(20221CSE0296)

has successfully completed the value added course on  
**MATV030: Introduction to Maple Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Mrs. Babitha**



20221CSE0296

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/6



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# PRESIDENCY UNIVERSITY

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## CERTIFICATE OF COMPLETION

This is to certify that

**PRANEETH REDDY**

(20221CSE0232)

has successfully completed the value added course on  
**MATV030: Introduction to Maple Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Mrs. Babitha**



20221CSE0232

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/11



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# PRESIDENCY UNIVERSITY

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## CERTIFICATE OF COMPLETION

This is to certify that

**K. MANOHITH**

(20221CSE0199)

has successfully completed the value added course on  
**MATV030: Introduction to Maple Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Mrs. Babitha**



20221CSE0199

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/14



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# PRESIDENCY UNIVERSITY

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## CERTIFICATE OF COMPLETION

This is to certify that

**SURENDAR R S**

(20221CSE0053)

has successfully completed the value added course on  
**MATV030: Introduction to Maple Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Mrs. Babitha**



20221CSE0053

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/13



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# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**HARSHA VARDHANA T**

(20221CSE0224)

has successfully completed the value added course on  
**MATV030: Introduction to Maple Programming**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Mrs. Babitha**



20221CSE0224

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/12



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# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**MADHAVARAPU MADHU BABU**

(20221CSG0093)

has successfully completed the value added course on  
**MATV032: Operations Research and its Applications**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Vijaylaxmi S B**



20221CSG0093

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/5



Dean

School of Engineering



# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**N KIRANMAYI**

(20221CSG0066)

has successfully completed the value added course on  
**MATV032: Operations Research and its Applications**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Vijaylaxmi S B**



20221CSG0066

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/2



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School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**VIDHYA H R**

(20221CSG0045)

has successfully completed the value added course on  
**MATV032: Operations Research and its Applications**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Vijaylaxmi S B**



20221CSG0045

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/3



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School of Engineering



# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**VANKARI RAKESH**

(20221CSG0065)

has successfully completed the value added course on  
**MATV032: Operations Research and its Applications**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Vijaylaxmi S B**



20221CSG0065

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/4



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School of Engineering





# PRESIDENCY UNIVERSITY

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## CERTIFICATE OF COMPLETION

This is to certify that

**S MOHAMMED AFFAN**

(20221CSG0020)

has successfully completed the value added course on  
**MATV032: Operations Research and its Applications**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Vijaylaxmi S B**



20221CSG0020

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/8



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School of Engineering



# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**CEPHA G**

(20221CSG0006)

has successfully completed the value added course on  
**MATV032: Operations Research and its Applications**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Vijaylaxmi S B**



20221CSG0006

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/13



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# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**TEJAS N**

(20221CSG0104)

has successfully completed the value added course on  
**MATV032: Operations Research and its Applications**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Vijaylaxmi S B**



20221CSG0104

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/12



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School of Engineering



# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**S E MOHAMMED YOUSUF**

(20221CSG0041)

has successfully completed the value added course on  
**MATV032: Operations Research and its Applications**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Vijaylaxmi S B**



20221CSG0041

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/6



Dean

School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**RATISH RAJEEV GURAV**

(20221CSG0004)

has successfully completed the value added course on  
**MATV032: Operations Research and its Applications**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Vijaylaxmi S B**



20221CSG0004

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/11



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School of Engineering



# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**KARTHIK MP**

(20221CSG0059)

has successfully completed the value added course on  
**MATV032: Operations Research and its Applications**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Vijaylaxmi S B**



20221CSG0059

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/10



Dean

School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**SRI SAI RAGHUVeer C**

(20221CSG0069)

has successfully completed the value added course on  
**MATV032: Operations Research and its Applications**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Vijaylaxmi S B**



20221CSG0069

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/9



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School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**ADARSH A KRISHNA**

(20221CSG0023)

has successfully completed the value added course on  
**MATV032: Operations Research and its Applications**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Vijaylaxmi S B**



20221CSG0023

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/1



Dean

School of Engineering





# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**TARUN PANDIAN.M**

(20221CSG0022)

has successfully completed the value added course on  
**MATV032: Operations Research and its Applications**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Vijaylaxmi S B**



20221CSG0022

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/7



Dean

School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**VIDYA S**

(20221COM0108)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0108

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/5



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**KAUSTAV KAR**

(20221COM0060)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0060

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/1



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# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**DHANUSH G**

(20221COM0015)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0015

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/20



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School of Engineering



# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**EYAD ASAD KHAN**

(20221COM0122)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0122

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/19



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School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**GADDAM NIKHIL REDDY**

(20221COM0065)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0065

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/18



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School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**AMILINENI POOJITHA**

(20221COM0112)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0112

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/12



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**NISHMITHA K G**

(20221COM0111)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0111

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/2



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# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**VAISHNAV KRISHNA P**

(20221COM0040)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0040

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/17



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**DUDDUKURI SRI ADITYA**

(20221COM0087)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0087

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/16



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**JUTURU GOKUL SAINATH REDDY**

(20221COM0059)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0059

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/14



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**MEGHANA A**

(20221COM0110)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0110

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/3



Dean

School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**ABDUL SUBHAN OMEEZ**

(20221COM0114)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0114

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/8



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School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**SHOBHA**

(20221COM0107)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0107

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/6



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School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**RAKSHITHA N**

(20221COM0106)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0106

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/7



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**KHADEEJATUL KUBRA**

(20221COM0042)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0042

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/9



Dean  
School of Engineering





# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**ZAID HARIS**

(20221COM0109)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0109

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/4



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School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**YASHASWINI M**

(20221COM0082)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0082

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/21



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**TAMEEM KHAN S**

(20221COM0033)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0033

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/11



Dean

School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**DEEPAK L**

(20221COM0057)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0057

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/10



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**AKHILANDESHWARI S**

(20221COM0086)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0086

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/13



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**DUDEKULA KUTAGULLA SAMEER AFFAAN**

(20221COM0029)

has successfully completed the value added course on

**MATV041: Numerical Methods for Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mohammad Javed Alam**



20221COM0029

Issued on: Monday, February 6, 2023

Certificate Number: VAC/2022-2023/Odd Semester/15



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**P LAKSHMI NARASIMHA**

(20221CDV0009)

has successfully completed the value added course on  
**MATV028: Advanced Fixed Point Theory**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. R. Gopi**



20221CDV0009

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/8



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**THOTA HARSHITH KRISHNA**

(20221CDV0039)

has successfully completed the value added course on  
**MATV028: Advanced Fixed Point Theory**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. R. Gopi**



20221CDV0039

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/11



Dean  
School of Engineering





# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**SACHIN S**

(20221CDV0037)

has successfully completed the value added course on  
**MATV028: Advanced Fixed Point Theory**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. R. Gopi**



20221CDV0037

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/4



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**PASUPULA PREM SAI**

(20221CDV0008)

has successfully completed the value added course on  
**MATV028: Advanced Fixed Point Theory**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. R. Gopi**



20221CDV0008

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/9



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**SUSMITHA S**

(20221CDV0038)

has successfully completed the value added course on  
**MATV028: Advanced Fixed Point Theory**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. R. Gopi**



20221CDV0038

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/3



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**R MOHAMMED ASIM**

(20221CDV0023)

has successfully completed the value added course on  
**MATV028: Advanced Fixed Point Theory**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. R. Gopi**



20221CDV0023

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/5



Dean

School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**S HARSHAVARDHAN VARMA**

(20221CDV0029)

has successfully completed the value added course on  
**MATV028: Advanced Fixed Point Theory**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. R. Gopi**



20221CDV0029

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/10



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**M.THRISHA**

(20221CDV0011)

has successfully completed the value added course on  
**MATV028: Advanced Fixed Point Theory**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. R. Gopi**



20221CDV0011

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/2



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School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**GAANAVADITYA REDDY MORRAMREDDYGARI**

(20221CDV0030)

has successfully completed the value added course on

**MATV028: Advanced Fixed Point Theory**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. R. Gopi**



20221CDV0030

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/6



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**THAKKELLA LATHIF NAIDU**

(20221CDV0010)

has successfully completed the value added course on  
**MATV028: Advanced Fixed Point Theory**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. R. Gopi**



20221CDV0010

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/7



Dean  
School of Engineering





# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**RAMYA V**

(20221CDV0012)

has successfully completed the value added course on  
**MATV028: Advanced Fixed Point Theory**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. R. Gopi**



20221CDV0012

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/1



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**GUDDITI YASWANTH KUMAR**

(20221IST0011)

has successfully completed the value added course on

**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221IST0011

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/6



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**G DHANUSH**

(20221IST0023)

has successfully completed the value added course on  
**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221IST0023

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/5



Dean

School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**SAKETH KOYYALA**

(20221IST0070)

has successfully completed the value added course on

**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221IST0070

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/7



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**S ABHINAV**

(20221IST0064)

has successfully completed the value added course on  
**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221IST0064

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/9



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**BUGGANA THARAKESWAR REDDY**

(20221CBC0004)

has successfully completed the value added course on  
**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221CBC0004

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/17



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**GAGAN D**

(20221IST0060)

has successfully completed the value added course on

**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221IST0060

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/10



Dean

School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**HARIPRIYA BURAGOHAIN**

(20221IST0001)

has successfully completed the value added course on

**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221IST0001

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/4



Dean  
School of Engineering





# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**GUDDITI SANDHYA**

(20221IST0010)

has successfully completed the value added course on

**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221IST0010

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/8



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**POLANA RAM SAMPATH**

(20221CBC0014)

has successfully completed the value added course on  
**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221CBC0014

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/12



Dean

School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**ADITYA SAHANI**

(20221CBC0023)

has successfully completed the value added course on  
**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221CBC0023

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/16



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**AYESHA BANU**

(20221IST0012)

has successfully completed the value added course on  
**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221IST0012

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/15



Dean

School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**LOHITH S L**

(20221CBC0015)

has successfully completed the value added course on  
**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221CBC0015

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/14



Dean

School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**SHETTY PRATIKSHA KARUNAKAR**

(20221CBC0009)

has successfully completed the value added course on  
**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221CBC0009

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/1



Dean

School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**JEEVAN R**

(20221CBC0011)

has successfully completed the value added course on  
**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221CBC0011

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/13



Dean

School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**TIMMIREDDIGARI GUNASHEKHAR REDDY**

(20221CBC0016)

has successfully completed the value added course on

**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221CBC0016

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/2



Dean

School of Engineering





# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**ARGUNTA JASWANTH REDDY**

(20221IST0051)

has successfully completed the value added course on

**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221IST0051

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/11



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**KADAVAKOLLA LIKHITHA**

(20221IST0021)

has successfully completed the value added course on  
**MATV033: Introduction to Ordinary Differential Equations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Manisha Chaudhary**



20221IST0021

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/3



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**NIKHITA NINGAPPA MULAGUND**

(20221CAI0082)

has successfully completed the value added course on  
**MATV036: Convex Optimization Techniques**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:  
**Dr. Mobeen Ahmad**



20221CAI0082

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/8



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**VAISHNAVI P SOORAJ**

(20221CAI0076)

has successfully completed the value added course on  
**MATV036: Convex Optimization Techniques**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mobeen Ahmad**



20221CAI0076

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/2



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**KEERTHANA B**

(20221CAI0052)

has successfully completed the value added course on  
**MATV036: Convex Optimization Techniques**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mobeen Ahmad**



20221CAI0052

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/12



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**ANANT**

(20221CAI0079)

has successfully completed the value added course on  
**MATV036: Convex Optimization Techniques**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:  
**Dr. Mobeen Ahmad**



20221CAI0079

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/5



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**SIDDARTHA B V**

(20221CAI0099)

has successfully completed the value added course on  
**MATV036: Convex Optimization Techniques**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mobeen Ahmad**



20221CAI0099

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/11



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**SACHIN . S**

(20221CAI0026)

has successfully completed the value added course on  
**MATV036: Convex Optimization Techniques**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mobeen Ahmad**



20221CAI0026

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/10



Dean  
School of Engineering





# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**AHAD MALIK**

(20221CAI0078)

has successfully completed the value added course on  
**MATV036: Convex Optimization Techniques**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mobeen Ahmad**



20221CAI0078

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/4



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**ABDUL PARVEEZ Y A**

(20221CAI0077)

has successfully completed the value added course on  
**MATV036: Convex Optimization Techniques**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mobeen Ahmad**



20221CAI0077

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/3



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**LOKESH T**

(20221CAI0081)

has successfully completed the value added course on  
**MATV036: Convex Optimization Techniques**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:  
**Dr. Mobeen Ahmad**



20221CAI0081

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/7



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**ARVETI NAVYA**

(20221CAI0043)

has successfully completed the value added course on  
**MATV036: Convex Optimization Techniques**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mobeen Ahmad**



20221CAI0043

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/9



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**HARISH C**

(20221CAI0080)

has successfully completed the value added course on  
**MATV036: Convex Optimization Techniques**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:  
**Dr. Mobeen Ahmad**



20221CAI0080

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/6



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**SHAILESH K R**

(20221CAI0075)

has successfully completed the value added course on  
**MATV036: Convex Optimization Techniques**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Mobeen Ahmad**



20221CAI0075

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/1



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**S Y VARSHAA**

(20221CSD0021)

has successfully completed the value added course on  
**MATV044: Fuzzy Graphs and its Relations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.C. Muralidaran**



20221CSD0021

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/3



Dean

School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**DUDEKULA SHAIKSHAVALI**

(20221CSD0017)

has successfully completed the value added course on  
**MATV044: Fuzzy Graphs and its Relations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.C. Muralidaran**



20221CSD0017

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/1



Dean  
School of Engineering





# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**AVINASH MANIVANNAN P**

(20221CSD0040)

has successfully completed the value added course on  
**MATV044: Fuzzy Graphs and its Relations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.C. Muralidaran**



20221CSD0040

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/6



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**S SUMANTH PURSHOTHAM**

(20221CSD0153)

has successfully completed the value added course on  
**MATV044: Fuzzy Graphs and its Relations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.C. Muralidaran**



20221CSD0153

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/5



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**KAMBALA GURU DHEERAJ REDDY**

(20221CSD0099)

has successfully completed the value added course on  
**MATV044: Fuzzy Graphs and its Relations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.C. Muralidaran**



20221CSD0099

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/4



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**PASALA SIVA KUMAR REDDY**

(20221CSD0022)

has successfully completed the value added course on  
**MATV044: Fuzzy Graphs and its Relations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.C. Muralidaran**



20221CSD0022

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/2



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**PRATHEEK C N**

(20221CSD0080)

has successfully completed the value added course on  
**MATV044: Fuzzy Graphs and its Relations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.C. Muralidaran**



20221CSD0080

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/11



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**PRATHIK KUMAR**

(20221CSD0095)

has successfully completed the value added course on  
**MATV044: Fuzzy Graphs and its Relations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.C. Muralidaran**



20221CSD0095

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/7



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**JOSHIKA GOLDLIN J**

(20221CSD0079)

has successfully completed the value added course on  
**MATV044: Fuzzy Graphs and its Relations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.C. Muralidaran**



20221CSD0079

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/10



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**ANIKETH GOWDA C R**

(20221CSD0077)

has successfully completed the value added course on  
**MATV044: Fuzzy Graphs and its Relations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.C. Muralidaran**



20221CSD0077

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/8



Dean

School of Engineering





# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**SNEHA J**

(20221CSD0082)

has successfully completed the value added course on  
**MATV044: Fuzzy Graphs and its Relations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.C. Muralidaran**



20221CSD0082

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/13



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**RAKSHITHA B**

(20221CSD0081)

has successfully completed the value added course on  
**MATV044: Fuzzy Graphs and its Relations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.C. Muralidaran**



20221CSD0081

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/12



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**DHRITHI K A**

(20221CSD0078)

has successfully completed the value added course on  
**MATV044: Fuzzy Graphs and its Relations**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.C. Muralidaran**



20221CSD0078

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/9



Dean

School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**PETLU JAGAN MOHAN RITHIN**

(20211CIT0120)

has successfully completed the value added course on

**MATV045: Basics of Origin Software**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Hussain Basha**



20211CIT0120

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/13



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**VIJAYLAXMI KOUTANALI**

(20221CIT0088)

has successfully completed the value added course on

**MATV045: Basics of Origin Software**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Hussain Basha**



20221CIT0088

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/11



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**AARON GEORGE ABRAHAM**

(20221CIT0032)

has successfully completed the value added course on

**MATV045: Basics of Origin Software**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Hussain Basha**



20221CIT0032

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/12



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# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**RAKSHITHA S**

(20221CIT0081)

has successfully completed the value added course on

**MATV045: Basics of Origin Software**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Hussain Basha**



20221CIT0081

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/4



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# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**ZOHRA IQBAL**

(20221CIT0086)

has successfully completed the value added course on

**MATV045: Basics of Origin Software**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Hussain Basha**



20221CIT0086

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/9



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# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**PRANAVI N**

(20221CIT0080)

has successfully completed the value added course on

**MATV045: Basics of Origin Software**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Hussain Basha**



20221CIT0080

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/3



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# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**PRAJWAL M**

(20221CIT0079)

has successfully completed the value added course on

**MATV045: Basics of Origin Software**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Hussain Basha**



20221CIT0079

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/2



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# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**SOHEL BANADAR**

(20221CIT0087)

has successfully completed the value added course on

**MATV045: Basics of Origin Software**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Hussain Basha**



20221CIT0087

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/10



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# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**S SREERANJANI**

(20221CIT0082)

has successfully completed the value added course on

**MATV045: Basics of Origin Software**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Hussain Basha**



20221CIT0082

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/5



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# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**VINOD**

(20221CIT0085)

has successfully completed the value added course on

**MATV045: Basics of Origin Software**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Hussain Basha**



20221CIT0085

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/8



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# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**KOUSHIK K V**

(20221CIT0099)

has successfully completed the value added course on

**MATV045: Basics of Origin Software**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Hussain Basha**



20221CIT0099

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/14



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# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**SUJAN T S**

(20221CIT0106)

has successfully completed the value added course on

**MATV045: Basics of Origin Software**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Hussain Basha**



20221CIT0106

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/15



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# PRESIDENCY UNIVERSITY

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Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**UTTAM**

(20221CIT0084)

has successfully completed the value added course on

**MATV045: Basics of Origin Software**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Hussain Basha**



20221CIT0084

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/7



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# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**S NEHASHREE**

(20221CIT0083)

has successfully completed the value added course on

**MATV045: Basics of Origin Software**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Hussain Basha**



20221CIT0083

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/6



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School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**POOJA C**

(20221CIT0078)

has successfully completed the value added course on

**MATV045: Basics of Origin Software**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. Hussain Basha**



20221CIT0078

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/1



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School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**POOJA BAGODI**

(20221ISE0061)

has successfully completed the value added course on  
**MATV046: Introduction to Magnetohydrodynamics**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.Felicita Almeida**



20221ISE0061

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/1



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**KARAN MENDOZA**

(20221ISE0028)

has successfully completed the value added course on  
**MATV046: Introduction to Magnetohydrodynamics**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.Felicita Almeida**



20221ISE0028

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/2



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School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**N . POORVIK**

(20221ISE0024)

has successfully completed the value added course on  
**MATV046: Introduction to Magnetohydrodynamics**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:  
**Dr.Felicita Almeida**



20221ISE0024

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/5



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**KINNERA GP**

(20221ISE0164)

has successfully completed the value added course on  
**MATV046: Introduction to Magnetohydrodynamics**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:  
**Dr.Felicita Almeida**



20221ISE0164

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/7



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School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**BALARAM ABHISHEK .**

(20221ISE0011)

has successfully completed the value added course on  
**MATV046: Introduction to Magnetohydrodynamics**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:  
**Dr.Felicita Almeida**



20221ISE0011

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/4



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School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**DAPPILI NAGA GOPIKRISHNA**

(20221ISE0033)

has successfully completed the value added course on  
**MATV046: Introduction to Magnetohydrodynamics**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:  
**Dr.Felicita Almeida**



20221ISE0033

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/10



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School of Engineering





# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**GORTHI DEVENDRA NAIDU**

(20221ISE0001)

has successfully completed the value added course on  
**MATV046: Introduction to Magnetohydrodynamics**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:  
**Dr.Felicita Almeida**



20221ISE0001

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/8



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School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**LOKABHUSHAN**

(20221ISE0006)

has successfully completed the value added course on  
**MATV046: Introduction to Magnetohydrodynamics**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.Felicita Almeida**



20221ISE0006

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/9



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**ENUGANTI JAYASAI DEEPIKA**

(20221ISE0043)

has successfully completed the value added course on  
**MATV046: Introduction to Magnetohydrodynamics**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:  
**Dr.Felicita Almeida**



20221ISE0043

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/6



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**YASHPAL SINGH**

(20221ISE0169)

has successfully completed the value added course on  
**MATV046: Introduction to Magnetohydrodynamics**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr.Felicita Almeida**



20221ISE0169

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/3



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**MANGALI MADHU SAHITYA**

(20221CBC0025)

has successfully completed the value added course on  
**MATV047: Singular perturbation problems**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. M Manikandan**



20221CBC0025

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/1



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**VAIBHAV JONNAGADDALA**

(20221IST0037)

has successfully completed the value added course on  
**MATV047: Singular perturbation problems**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. M Manikandan**



20221IST0037

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/6



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**RAHUL S GOWDA**

(20221IST0049)

has successfully completed the value added course on  
**MATV047: Singular perturbation problems**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. M Manikandan**



20221IST0049

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/8



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**AKULA NAGA DIVYA DARSHINI**

(20221CBC0010)

has successfully completed the value added course on  
**MATV047: Singular perturbation problems**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. M Manikandan**



20221CBC0010

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/9



Dean  
School of Engineering





# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**MALLAKALUVA HEMANTH REDDY**

(20221IST0007)

has successfully completed the value added course on  
**MATV047: Singular perturbation problems**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. M Manikandan**



20221IST0007

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/5



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**VARSHA BR**

(20221CBC0005)

has successfully completed the value added course on  
**MATV047: Singular perturbation problems**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. M Manikandan**



20221CBC0005

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/10



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**SNEHA DEY**

(20221IST0039)

has successfully completed the value added course on  
**MATV047: Singular perturbation problems**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. M Manikandan**



20221IST0039

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/2



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**NAVYA M**

(20221IST0044)

has successfully completed the value added course on  
**MATV047: Singular perturbation problems**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. M Manikandan**



20221IST0044

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/4



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**PITTALA APSAR BASHA**

(20221IST0089)

has successfully completed the value added course on  
**MATV047: Singular perturbation problems**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. M Manikandan**



20221IST0089

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/3



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**MOHAMED AZEEM SHAIKH**

(20221IST0047)

has successfully completed the value added course on  
**MATV047: Singular perturbation problems**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. M Manikandan**



20221IST0047

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/7



Dean  
School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**MOHITH V PAWAR**

(20221CBC0008)

has successfully completed the value added course on  
**MATV047: Singular perturbation problems**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. M Manikandan**



20221CBC0008

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/11



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School of Engineering



# PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi

## CERTIFICATE OF COMPLETION

This is to certify that

**RJ ADITHYA YADAV**

(20221CBC0006)

has successfully completed the value added course on  
**MATV047: Singular perturbation problems**

offered by School of Engineering

during the Academic Year 2022-2023

Course Instructor/s:

**Dr. M Manikandan**



20221CBC0006

Issued on: Tuesday, June 6, 2023

Certificate Number: VAC/2022-2023/Even Semester/12



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School of Engineering