



SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

(Status: Linguistic Minority) (Unaided- Private)

Approved by A.I.C.T.E. Certified under ISO 9001:2015

Affiliated to Savitribai Phule Pune University, NAAC Accredited with "B+" Grade

Institute Codes: SPPU: IMMP016030, D.T.E.: 6614, AISHE: C-44578, AICTE: 1-21641511

Dr. B. H. Nanwani
Director

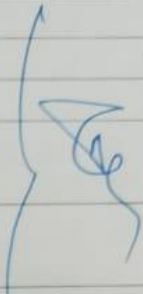
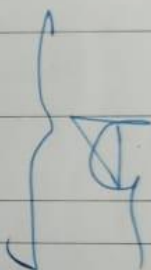
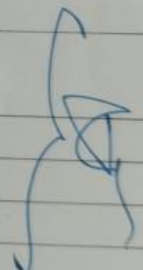



IT21L – Practical on Python Programming and Advanced Internet Technologies

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A
PRACTICAL ON
(IT21L)
**Python Programming &
Advanced Internet Technologies**

SUBMITTEDBY

Sakshi Nitin Chaudhari

SUBMITTEDTO

SAVITRIBAI PHULE PUNE UNIVERSITY,PUNE

IN PARTIAL FULFILLMENT OF DEGREE
MASTER OF COMPUTER APPLICATION(SEM-II)

UNDER THE GUIDANCE OF

Dr.Kalpana Salunkhe & Dr.Rajesh Kashyap

Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001**

2023-24



Dr. B. H. Nanwani
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

6, Koregaon Road, Pune - 411001. Ph. 020-26054471/91 Fax: 020-26054481
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Website: www.svims-pune.edu.in Email: director@svims-pune.edu.in

Certified by ISO 9001:2015, SPPU Code: IMMP016030 D.T.E. Institute Code: 6614

Certificate

This is to certify that **Ms. Sakshi Nitin Chaudhari** of class MCA - I SEM II SeatNo. ~~13117~~ has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Dr. B. H. Nanwani

DR. B. H. NANWANI
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001



Date:

Place: Pune

Sign of External Examiner

Sign of Internal Examiner

A
PRACTICAL ON

(IT21L)

Advanced Internet Technologies

&

Python Programming

SUBMITTED BY

Sayma Tamboli

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE
MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap

Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
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2023-24

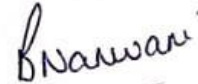
Certificate

This is to certify that Ms. **Sayma Tamboli** of class MCA - I SEM II Seat No. 13156 has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24



Dr. Rajesh Kashyap

HOD



Dr. B H Nanwani

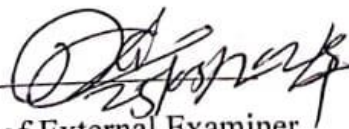

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Date:

Place: Pune


Sign of External Examiner
Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY

Pranali Pandurang Rokade

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

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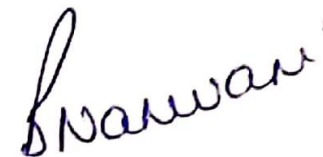
Certificate

This is to certify that Ms. Pranali Pandurang Rokade of class MCA - I SEM II Seat No. 13145 has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24



Dr. Rajesh Kashyap

HOD


Dr. B H Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001



Date:

Place: Pune



Sign of External Examiner



Sign of Internal Examiner

A
Practical on
Advance Internet Technologies

SUBMITTED BY

**Miss. Kadlag
Saumitee vijay
Seat no: 13129**

SUBMITTED TO

**SAVITRIBAI PHULE PUNE UNIVERSITY,
PUNE**

**IN PARTIAL FULFILLMENT OF DEGREE
MASTER OF COMPUTER APPLICATION
(SEM-II)**

UNDER THE GUIDANCE OF

Dr. Rajesh Kashyap

Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
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2023 - 24



Dr. B. H. Nanwani
Director

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Certificate

This is to certify that Ms. **Saumitee Vijay Kadlag**, of class MCA - I SEM II **Seat No. 13129** has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Date:

Place: Pune

Sign of External Examiner



Dr. B. H. Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Sign of Internal Examiner

A
Practical on

(IT21L)

ADVANCED INTERNET TECHNOLOGIES

&

PYTHON PROGRAMMING

SUBMITTED BY

Miss. Sakshi Mohan Toraskar.

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Rajesh Kashyap & Dr. Kalpana Salunkhe

Through,



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2023-24



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6, Koregaon Road, Pune - 411001. Ph: 020-26054471/91 Fax: 020-26054181
Approved by A.T.C. I.E. (Unaided-Private), Affiliated to S.P. Pune University
Website: www.svims-pune.edu.in | Email: director@svims-pune.edu.in

Dr. B. H. Nanwani
Director

Certified by ISO 9001:2015, SPPU Code: ISMIP016010 D.I.E. Institute Code: 6614

Certificate

This is to certify that Ms. **Sakshi Toraskar** of class MCA - I SEM II
Seat No. 13147 has completed all the practical in IT-21L - Python
& Advanced Internet Technologies for the partial fulfilment of degree-
Master of Computer Application as per prescribed syllabus of
Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Date:

Place: Pune



Dr. B. H. Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

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A
Practical on
Advance Internet Technologies
&
Python Programming

SUBMITTED BY
Miss. Pratiksha Manoj Jadhav

SUBMITTED TO
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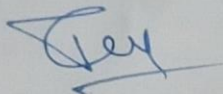


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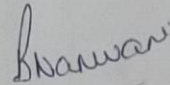
Certificate

This is to certify that Ms. Pratiksha Manoj Jadhav of class MCA - I SEM II **Seat No.** 13127 has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24



Dr. Rajesh Kashyap

HOD



Dr. B. H. Nanwani

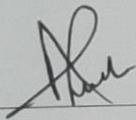
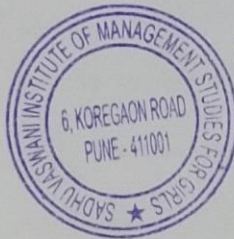
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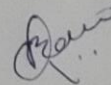
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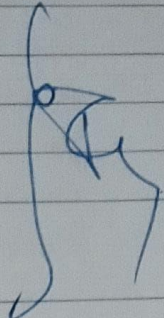
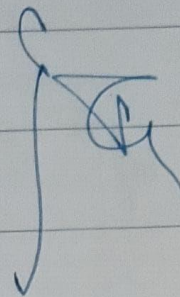
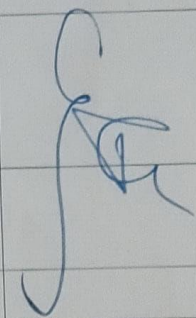
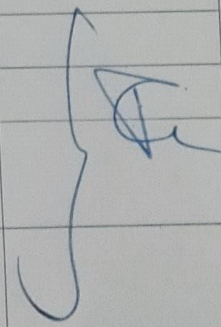


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Certified by ISO 9001:2015, (SPPU) Code: IMMPO16050 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. **Kshitija Shankar Gaikwad** of class MCA - I SEM II **Seat No. 13120** has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Dr. B H Nanwani

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DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Date:

Place: Pune



Sign of External Examiner

Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY

Sneha Kamat

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

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2023-24



SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

6, Koregaon Road, Pune - 411004. Ph. 020-26054471-91 Fax: 020-26054481
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Website: www.svims.edu.in Email: director@svims.pune.edu.in

Dr. B. H. Nanwani
Director

Certified by ISO 9001:2015, SPPU Code: INMIP016030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. Sneha Kamat of class MCA - I SEM II **Seat No. 13130** has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree-Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD



Date:

Place: Pune

Dr. B. H. Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 004

Sign of External Examiner

Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY

MISS. YASHVANTI VINAYAK GUJAR

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap

Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001**

2023-24

Certificate

This is to certify that Ms. Yashvanti Vinayak Gujar of class MCA - I SEM II **Seat No. 13125** has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

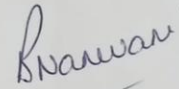


Dr. Rajesh Kashyap

HOD

Date:

Place: Pune



Dr. B. H. Nanwani

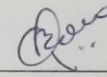
Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001



Sign of External Examiner



Sign of Internal Examiner

A
PRACTICAL ON

(IT21L)

Advanced Internet Technologies

&

Python Programming

SUBMITTED BY

Prachi Sunil Gaikwad

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap

Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001**

2023-24



SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

6, Koregaon Road, Pune - 411001. Ph: 020-26054471/91 Fax: 020-26054481
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Website: www.svims-pune.edu.in Email: director@svims-pune.edu.in

Certified by ISO 9001:2015, SPPU Code: INMMP016030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. **Prachi Sunil Gaikwad** of class MCA - I SEM II Seat No. 13141 has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree-Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Dr. B H Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Date:

Place: Pune



Sign of External Examiner

Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)

**Advance Internet Technologies
&
Python Programming**

SUBMITTED BY
Miss. Mokshita Gaur
Seat no- 13122

SUBMITTED TO
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
IN PARTIAL FULFILLMENT OF DEGREE
MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF
Dr. Rajesh Kashyap & Dr.Kalpana Saulankhe
Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001**

2023 - 24



Dr. B. H. Nanwani
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

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Certified by ISO 9001:2015, SPPU Code: IMMP016030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. **Mokshita Gaur** of class MCA - I SEM II
Seat No. 13122 has completed all the practical in IT-21L - Python
& Advanced Internet Technologies for the partial fulfilment of
degree- Master of Computer Application as per prescribed syllabus of
Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Dr. B H Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411001

Date:

Place: Pune



Sign of External Examiner

Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY

MISS. SAMRUDDHI ANANT SATAM

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap

Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001**

2023-24

Certificate

This is to certify that Ms. Samruddhi Anant Satam of class MCA - I
SEM II **Seat No. 13151** has completed all the practical in IT-21L
- Python & Advanced Internet Technologies for the partial fulfilment
of degree- Master of Computer Application as per prescribed syllabus
of Savitribai Phule Pune University, Pune in the academic year 2023-
24

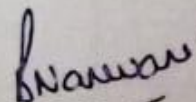


Dr. Rajesh Kashyap

HOD

Date:

Place: Pune

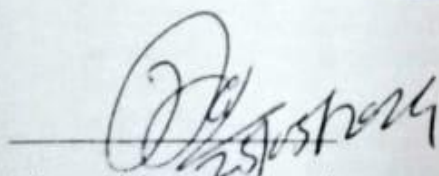


Dr. B. H. Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6 KOREGAON ROAD, PUNE-411001



Sign of External Examiner



Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Advanced Internet Technologies
&
Python Programming

SUBMITTED BY

Nikita Ganesh Jannu

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Rajesh Kashyap & Dr. Kalpana Salunkhe

Through,




**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001**

2023-24

Certificate

This is to certify that Ms. **Nikita Ganesh Jannu** of class MCA - I SEM
II **Seat No. 13138** has completed all the practical in IT-21L - Python
& Advanced Internet Technologies for the partial fulfilment of degree-
Master of Computer Application as per prescribed syllabus of
Savitribai Phule Pune University, Pune in the academic year 2023-24


Dr. Rajesh Kashyap

HOD




Dr. B. H. Nanwani


Director


DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Date:

Place: Pune


Sign of External Examiner


Sign of Internal Examiner

A

PRACTICAL ON

(IT21L)

Python Programming

&

Advanced Internet Technologies

SUBMITTED BY

Jayanti Pandurang Rokade

SUBMITTED To

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap

Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001**

2023-24



Dr. B. H. Nanwani
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

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Website: www.svims-pune.edu.in Email: director@svims-pune.edu.in

Certified by ISO 9001:2015. SPPU Code: IMMP016030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. Jayanti Pandurang Rokade of class MCA - I SEM II Seat No. 13146 has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Dr. B. H. Nanwani

Director
DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001



Date:

Place: Pune

Sign of External Examiner

Sign of Internal Examiner

A
Practical on
(IT21L)
ADVANCED INTERNET TECHNOLOGIES
&
PYTHON PROGRAMMING

SUBMITTED BY
Miss.Gauri Tukaram Khaire.

SUBMITTED TO
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
IN PARTIAL FULFILLMENT OF DEGREE
MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF
Dr. Rajesh Kashyap & Dr.Kalpana Salunkhe
Through,



**Sadhu Vaswani Institute of Management Studies for
Girls, Koregaon Park, Pune -411001**

2023-24



Dr. B. H. Nanwani
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

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Certified by ISO 9001:2015, SPPI Code: IMMPO16030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. **Gauri Khaire** of class MCA - I SEM II **Seat No. 13134** has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree-Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Dr. B H Nanwani

Director
DR. B. H. NANWANI
DIRECTOR

VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001



Date:

Place: Pune

Sign of External Examiner

Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY

Sakshi Shashikant Jadhav

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap

Through,



2023-24



Dr. B. H. Nanwani
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

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Certified by ISO 9001:2015, SPPU Code: IMMP016030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. **SAKKSHI SHASHIKANT JADHAV** of class MCA - I SEM II **Seat No. 13148** has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Dr. B H Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Date:

Place: Pune



Sign of External Examiner

Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)

**Advance Internet Technologies
&
Python Programming**

SUBMITTED BY
Miss. Geetanjali Kamanboina
Seat no- 13123

SUBMITTED TO
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
IN PARTIAL FULFILLMENT OF DEGREE
MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF
Dr. Rajesh Kashyap & Dr. Kalpana Saulankhe
Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001**

2023 - 24

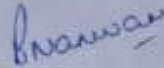
Certificate

This is to certify that Ms. **Geetanjali Kamanboina** of class MCA - I SEM II **Seat No. 13123** has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24



Dr. Rajesh Kashyap

HOD



Dr. B H Nanwani

Director
DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Date:

Place: Pune



Sign of External Examiner



Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY

Ms. Pratiksha Ramesh Chavan

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap Through,



Sadhu Vaswani Institute of Management Studies for Girls,

Koregaon Park, Pune-411001

2023-24

Certificate

This is to certify that Ms. Pratiksha Ramesh Chavan of class MCA - I
SEM II **Seat No. 13118** has completed all the practical in IT-21L
Python & Advanced Internet Technologies for the partial fulfilment of
degree- Master of Computer Application as per prescribed syllabus of
Savitribai Phule Pune University, Pune in the academic year 2023-24



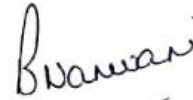
Dr. Rajesh Kashyap
HOD

Date:

Place: Pune



Sign of External Examiner



Dr. B H Nanwani
Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001



Sign of Internal Examiner

A
Practical on

(IT21L)

ADVANCED INTERNET TECHNOLOGIES

&

PYTHON PROGRAMMING

SUBMITTED BY

Miss Radhika Ranjit Patil.

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Rajesh Kashyap & Dr. Kalpana Salunkhe

Through,



**Sadhu Vaswani Institute of Management Studies
for Girls, Koregaon Park, Pune-411001**

2023-24



Dr. B. H. Nanwani
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

6, Koregaon Road, Pune - 411001 Ph: 020-26054471-91 Fax: 020-26054481
Approved by AICTE (Unaided-Private), Affiliated to S. P. Pune University
Website: www.svims-pune.edu.in | Email: director@svims-pune.edu.in

Certified by ISO 9001:2015, SPPU Code: IMMP016030 D.I.E. Institute Code: 6614

Certificate

This is to certify that Ms. **Radhika Patil** of class MCA - I SEM II
Seat No. 13143 has completed all the practical in IT-21L - Python
& Advanced Internet Technologies for the partial fulfilment of degree-
Master of Computer Application as per prescribed syllabus of
Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Dr. B. H. Nanwani

Director
DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Date: 25/05/24

Place: Pune



Sign of External Examiner

Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY

Sanskruti Sangram Bede

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap

Through,



Sadhu Vaswani Institute of Management Studies for Girls,

Koregaon Park, Pune-411001

2023-24

Certificate

This is to certify that Ms. **Sanskruti Bede** of class MCA - I SEM II
Seat No. 13114 has completed all the practical in IT-21L - Python
& Advanced Internet Technologies for the partial fulfilment of degree-
Master of Computer Application as per prescribed syllabus of
Savitribai Phule Pune University, Pune in the academic year 2023-24

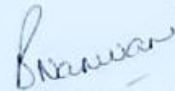


Dr. Rajesh Kashyap

HOD

Date:

Place: Pune



Dr. B H Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE - 411001



Sign of External Examiner



Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming

&

Advanced Internet Technologies

SUBMITTED BY

RIYA SANJAY BHISMIRE

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap

Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001**

2023-24



Dr. B. H. Nanwani
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

6, Koregaon Road, Pune - 411001. Ph. 020-26054471/91 Fax: 020-26054481
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Website: www.svims-pune.edu.in Email: director@svims-pune.edu.in

Certified by ISO 9001:2015, SPPU Code: IMMP016030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. **RIYA BHISMIRE** of class MCA - I SEM II
Seat No. 13115 has completed all the practical in IT-21L -
Python & Advanced Internet Technologies for the partial fulfilment of
degree- Master of Computer Application as per prescribed syllabus of
Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Dr. B H Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001



Date:

Place: Pune

Sign of External Examiner

Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY

Saniya Shabbir Qureshi

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap

Through,



2023-24



Dr. B. H. Nanwani
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

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Website: www.svims-pune.edu.in Email: director@svims-pune.edu.in

Certified by ISO 9001:2015, NPLI Code: INMIP016030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. Saniya Shabbir Qureshi of class MCA - I SEM II Seat No. B19 has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree-Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Date:

Place: Pune



Dr. B H Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Sign of External Examiner

Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY

Pooja Anil Joshi

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap

Through,

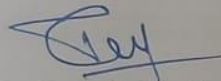


**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001**

2023-24

Certificate

This is to certify that Ms. Pooja Anil Joshi of class MCA - I SEM II
Seat No. 13140 has completed all the practical in IT-21L - Python
& Advanced Internet Technologies for the partial fulfilment of degree-
Master of Computer Application as per prescribed syllabus of
Savitribai Phule Pune University, Pune in the academic year 2023-24

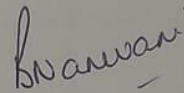


Dr. Rajesh Kashyap

HOD

Date:

Place: Pune

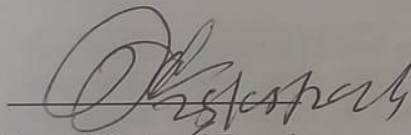


Dr. B H Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE - 411001



Sign of External Examiner



Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY
GHULE KOMAL BALIRAM
SUBMITTED TO
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
IN PARTIAL FULFILLMENT OF DEGREE
MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF
Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap

Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001**

2023-24



Dr. B. H. Nanwani
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

6, Koregaon Road, Pune - 411001 Ph: 020-26054471/91 Fax: 020-26054481
Approved by A.I.C.T.E. (Unaided- Private), Affiliated to S. P. Pune University
Website: www.svims-pune.edu.in Email: director@svims-pune.edu.in

Certified by ISO 9001:2015, SPPU Code: IMMPO16030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. **GHULE KOMAL BALIRAM** of class
MCA - I SEM II Seat No. **13124** has completed all the practical
in IT-21L - Python & Advanced Internet Technologies for the partial
fulfilment of degree- Master of Computer Application as per prescribed
syllabus of Savitribai Phule Pune University, Pune in the academic year
2023-24

Dr. Rajesh Kashyap

HOD



Dr. B. H. Nanwani

Director

DR. B. H. NANWANI

DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Date:

Place: Pune

Sign of External Examiner

Sign of Internal Examiner

A
Practical on

(IT21L)

ADVANCED INTERNET TECHNOLOGIES

&

PYTHON PROGRAMMING

SUBMITTED BY

Miss. Jagruti Nandu Sandbhor.

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Rajesh Kashyap & Dr.Kalpana Salunkhe

Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001**

2023-24



Dr. B. H. Nanwani
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

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Certified by ISO 9001:2015, SPPU Code: IMMP016030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. **Jagruti Nandu Sandbhor** of class MCA - I SEM II **Seat No. 13149** has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Date:

Place: Pune



Dr. B. H. Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Sign of External Examiner

Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
**Python Programming &
Advanced Internet Technologies**

SUBMITTED BY

Minal NathaWaghmode

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY,PUNE

IN PARTIAL FULFILLMENT OF DEGREE
MASTER OF COMPUTER APPLICATION(SEM-II)

UNDER THE GUIDANCE OF

Dr.Kalpana Salunkhe & Dr.Rajesh Kashyap

Through,



**Sadhu Vaswani Institute of Management Studies for
Girls, Koregaon Park, Pune-411001**

2023-24

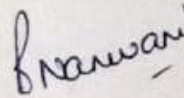
Certificate

This is to certify that **Ms. Minal Natha Waghmode** of class MCA - I
SEM II SeatNo. ~~13159~~ has completed all the practical in IT-21L
- Python & Advanced Internet Technologies for the partial fulfilment
of degree- Master of Computer Application as per prescribed syllabus
of Savitribai Phule Pune University, Pune in the academic year 2023-
24



Dr. Rajesh Kashyap

HOD



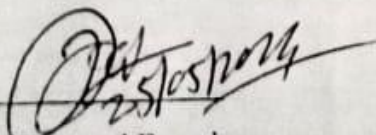
Dr. B. H. Nanwani
DR. B. H. NANWANI
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001



Date:

Place: Pune



Sign of External Examiner



Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
**Python Programming &
Advanced Internet Technologies**

SUBMITTED BY

Minal NathaWaghmode

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY,PUNE

IN PARTIAL FULFILLMENT OF DEGREE
MASTER OF COMPUTER APPLICATION(SEM-II)

UNDER THE GUIDANCE OF

Dr.Kalpana Salunkhe & Dr.Rajesh Kashyap

Through,



**Sadhu Vaswani Institute of Management Studies for
Girls, Koregaon Park, Pune-411001**

2023-24

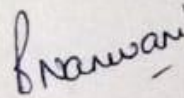
Certificate

This is to certify that **Ms. Minal Natha Waghmode** of class MCA - I
SEM II SeatNo. ~~13159~~---has completed all the practical in IT-21L
- Python & Advanced Internet Technologies for the partial fulfilment
of degree- Master of Computer Application as per prescribed syllabus
of Savitribai Phule Pune University, Pune in the academic year 2023-
24



Dr. Rajesh Kashyap

HOD



Dr. B. H. Nanwani

DR. B. H. NANWANI

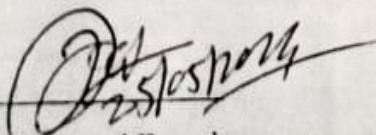
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001



Date:

Place: Pune



Sign of External Examiner



Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY

Sayali Shahaji Gaikwad

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap Through,



Sadhu Vaswani Institute of Management Studies for Girls,

Koregaon Park, Pune-411001

2023-24



SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

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Certified by ISO 9001:2015. SPPU Code: IMMP016030 D.T.E. Institute Code: 6614

Certificate

This is to certify that **Ms. Sayali Shahaji Gaikwad** of class MCA-I SEM-II
Seat No. 13121 has completed all the practical in IT-21L - Python &
Advanced Internet Technologies for the partial fulfilment of degree- Master of
Computer Application as per prescribed syllabus of Savitribai Phule Pune
University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap
HOD

Date:
Place: Pune

Sign of External Examiner
Dr. B. H. Nanwani
Director

DR. B. H. NANWANI
DIRECTOR
SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Sign of Internal Examiner

A
PRACTICAL ON

(IT211)

Python Programming

&

Advanced Internet Technologies

SUBMITTED BY

Ms. Sakshi Balkrushna Rode

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap Through,



Sadhu Vaswani Institute of Management Studies for Girls,

Koregaon Park, Pune-411001

2023-24



Dr. B. H. Nanwani
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

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Certified by ISO 9001:2015, SPPU Code: INIMP016030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms.Sakshi Balkrushna Rode of class MCA - I
SEM II Seat No. 13144 has completed all the practical in IT-21L -
Python & Advanced Internet Technologies for the partial fulfilment of
degree- Master of Computer Application as per prescribed syllabus of
Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Dr. B H Nanwani

Dr. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001



Date:

Place: Pune

25/05/2024
Sign of External Examiner
Sign of Internal Examiner

A
PRACTICAL ON

(IT21L)

Python Programming
&
Advanced Internet Technologies

SUBMITTED BY

AARTI SURENDRA MHASK
E

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap Through,



Sadhu Vaswani Institute of Management Studies for Girls,

Koregaon Park, Pune-411001

2023-24



Dr. B. H. Nanwani
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Certified by ISO 9001:2015, SPPU Code: IMMPO16030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. Aarti Mhaske of class MCA - I SEM II **Seat No. 13137** has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree-Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Dr. B. H. Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Date: 25/5/24

Place: Pune



Sign of External Examiner

Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY

Srushti Bhosale

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap

Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001**

2023-24

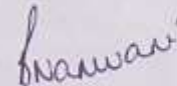
Certificate

This is to certify that Ms. **Srushti Bhosale** of class MCA - I SEM II
SeatNo. 13116 has completed all the practical in IT-21L - Python
& Advanced Internet Technologies for the partial fulfilment of degree-
Master of Computer Application as per prescribed syllabus of
Savitribai Phule Pune University, Pune in the academic year 2023-24



Dr. Rajesh Kashyap

HOD



Dr. B. H. Nanwani

Director

Date:

Place: Pune



DR. B. H. NANWANI
DIRECTOR
SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001



Sign of External Examiner



Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY

Ms. Khushbu Pralhad Harle

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap Through,



Sadhu Vaswani Institute of Management Studies for Girls,

Koregaon Park, Pune-411001

2023-24



SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

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Website: www.svims-pune.edu.in Email: director@svims-pune.edu.in

Certified by ISO 9001:2015. SPPU Code: JMMP016030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms.Khushbu Pralhad Harle of class MCA - I SEM II Seat No. ~~13126~~ has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD



Dr. B H Nanwani

DR. B. H. NANWANI
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Date:

Place: Pune

Sign of External Examiner

Sign of Internal Examiner

**A
PRACTICAL ON**

(IT211)

Advanced Internet Technologies

And

Python Programming

SUBMITTED BY

Miss. Chindarkar Amisha Rajendra

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Rajesh Kashyap and Dr. Kalpna salunkhe

Through



**Sadhu Vaswani Institute of Management Studies for
Girls**

Koregaon Park, Pune-411001

2023-24



SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

6, Koregaon Road, Pune - 411001 Ph: 020-26054171-91 Fax: 020-26054191
Approved by A.T.C. (Unaided Private), Affiliated to S. P. Pune University.
Website: www.svims-pune.edu.in Email: director@svims-pune.edu.in

Certified by ISO 9001:2015, SPPU Code: ISMSP016030 D.F.F. Institute Code: 6614

Certificate

This is to certify that **Miss. Amisha Rajendra Chindarkar** of class **MCA - I SEM II Seat No:13119** has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Dr. B H Nanwani

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001



Date:

Place: Pune

Sign of External Examiner

Sign of Internal Examiner

A
Practical on
Advance Internet Technologies
&
Python Programming

SUBMITTED BY
Miss. Punam Ashok Kad

SUBMITTED TO
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
IN PARTIAL FULFILLMENT OF DEGREE
MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF
Dr. Rajesh Kashyap & Dr. Kalpana Salunkhe

Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001**

2023-24

Certificate

This is to certify that Ms. Punam A. Kad of class MCA - I SEM II **Seat No. 13128** has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree-Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

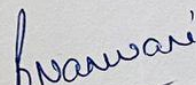
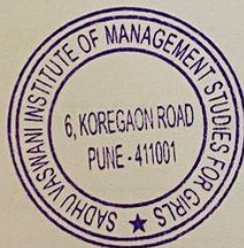


Dr. Rajesh Kashyap

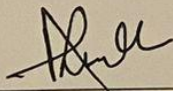
HOD

Date:

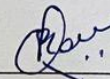
Place: Pune


Dr. B. H. Nanwani
DR. B. H. NANWANI
Director

DIRECTOR
SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001



Sign of External Examiner



Sign of Internal Examiner

A
PRACTICAL ON

(IT21L)

Python Programming

&

Advanced Internet Technologies

SUBMITTED BY

Preeti Shankar Tarade

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap

Through,



Sadhu Vaswani Institute of Management Studies for Girls,

Koregaon Park, Pune-411001

2023-24



Dr. B. H. Nanwani
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

6, Koregaon Road, Pune - 411001. Ph. 020-26054471/91 Fax: 020-26054481
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Certified by ISO 9001:2015. SPPU Code: IMMP016030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. **PREETI TARADE** of class MCA - I SEM II
Seat No. 13157 has completed all the practical in IT-21L - Python
& Advanced Internet Technologies for the partial fulfilment of degree-
Master of Computer Application as per prescribed syllabus of
Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Date:

Place: Pune



Dr. B H Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Sign of External Examiner
Sign of Internal Examiner

A
PRACTICAL ON

(IT21L)

Python Programming

&

Advanced Internet Technologies

SUBMITTED BY

Harshita Milind Meshram

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap Through,



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2023-24



Dr. B. H. Nanwani
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

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Certified by ISO 9001:2015, SPPU Code: IMMPO16030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. Harshita Meshram of class MCA - I SEM II
Seat No. ~~10136~~ has completed all the practical in IT-21L - Python
& Advanced Internet Technologies for the partial fulfilment of degree-
Master of Computer Application as per prescribed syllabus of
Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap
HOD

Dr. B H Nanwani
Director

Date: 25/5/24
Place: Pune



DR. B. H. NANWANI
DIRECTOR
SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Sign of External Examiner
Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY

SAYYED RAHAT HUSSAIN

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap

Through,



2023-24

Certificate

This is to certify that Ms. SAYYED RAHAT HUSSAIN of class MCA
- I SEM II **Seat No.** 13152 has completed all the practical in IT-21L -
Python & Advanced Internet Technologies for the partial fulfilment of
degree- Master of Computer Application as per prescribed syllabus of
Savitribai Phule Pune University, Pune in the academic year 2023-24

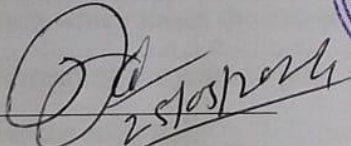


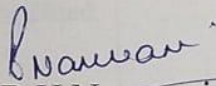
Dr. Rajesh Kashyap

HOD

Date:

Place: Pune


Sign of External Examiner



Dr. B. H. Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001




Sign of Internal Examiner

A
PRACTICAL ON

(IT21L)

Advanced Internet Technologies

&

Python Programming

SUBMITTED BY

Maryam Shaikh

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap

Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001**

2023-24



Dr. B. H. Nanwani
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

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Website: www.svims-pune.edu.in Email: director@svims-pune.edu.in

Certified by ISO 9001:2015, SPPU Code: INMIP016030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. **Maryam Razzaque Shaikh** of class MCA - I SEM II Seat No. 13155 has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Dr. B. H. Nanwani

DR. B. H. NANWANI
Director

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411001



Date:

Place: Pune

Sign of External Examiner

Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY

MISS. Aayesha Iqbal Shaikh

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap Through,



Sadhu Vaswani Institute of Management Studies for Girls,

Koregaon Park, Pune -411001



SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

6, Koregaon Road, Pune - 411001. Ph. 020-26054471/91 Fax: 020-26054481
Approved by A.I.C.T.E. (Unaided- Private), Affiliated to S. P. Pune University
Website: www.svims-pune.edu.in Email: director@svims-pune.edu.in

Certified by ISO 9001:2015, SPPU Code: IMMP016030 D.T.E. Institute Code: 6614

Certificate

This is to certify that **Ms. Aayesh Iqbal Shaikh** of class MCA - I SEM II Seat No. ~~13153~~ has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap
HOD

Dr. B. H. Nanwani
DR. B. H. NANWANI
Director
SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411001



Date:

Place: Pune

Sign of External Examiner
Sign of Internal Examiner

A
PRACTICAL ON
(IT11L)
Advance Internet Technologies
&
PYTHON PROGRAMMING
SUBMITTED BY

Miss. SANSKRUTI KURALE

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
IN PARTIAL FULFILLMENT OF DEGREE

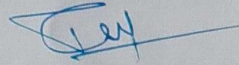
MASTER OF COMPUTER APPLICATION (SEM-I)
UNDER THE GUIDANCE OF

Dr. Rajesh Kashyap & Dr. Kalpana Salunkhe
Through,

**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001
2023-24**

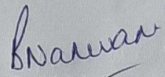
Certificate

This is to certify that Ms. **Sanskruiti Kurale** of class MCA - I SEM II
Seat No. 13135 has completed all the practical in IT-21L - Python
& Advanced Internet Technologies for the partial fulfilment of degree-
Master of Computer Application as per prescribed syllabus of
Savitribai Phule Pune University, Pune in the academic year 2023-24



Dr. Rajesh Kashyap

HOD



Dr. B H Nanwani

Director

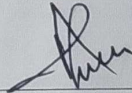
DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001



Date:

Place: Pune



Sign of External Examiner



Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY
Prerana Uttam Kamble

SUBMITTED TO
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
IN PARTIAL FULFILLMENT OF DEGREE
MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF
Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap Through,



Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001



Dr. B. H. Nanwani
Director

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Certified by ISO 9001:2015, SPPU Code: IMMPO16030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. Prerna Kamble of class MCA - I SEM II **Seat No. -----** has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree-Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Dr. B. H. Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Date:

Place: Pune



Sign of External Examiner

Sign of Internal Examiner

A
Practical on
(IT21L)
ADVANCED INTERNET TECHNOLOGIES
&
PYTHON PROGRAMMING

SUBMITTED BY
Miss.Ankita Vilas Karne.

SUBMITTED TO
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
IN PARTIAL FULFILLMENT OF DEGREE
MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF
Dr. Rajesh Kashyap & Dr.Kalpana Salunkhe
Through,

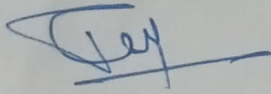


**Sadhu Vaswani Institute of Management Studies for
Girls, Koregaon Park, Pune -411001**

2023-24

Certificate

This is to certify that Ms. **Ankita Karne** of class MCA - I SEM II
Seat No. 13132 has completed all the practical in IT-21L - Python
& Advanced Internet Technologies for the partial fulfilment of degree-
Master of Computer Application as per prescribed syllabus of
Savitribai Phule Pune University, Pune in the academic year 2023-24

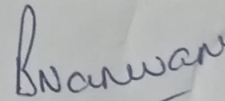


Dr. Rajesh Kashyap

HOD

Date:

Place: Pune

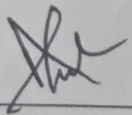


Dr. B H Nanwani

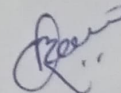
Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001



Sign of External Examiner



Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Advanced Internet Technologies
&
Python Programming

SUBMITTED BY

Pratiksha Gavaram Narawade

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Rajesh Kashyap & Dr. Kalpana Salunkhe

Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune-411001**

2023-24



Dr. B. H. Nanwani
Director

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Certified by ISO 9001:2015. SPPU Code: IMMPO16030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. **Pratiksha Gavaram Narawade** of class MCA - I SEM II **Seat No. 19142** has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap

HOD

Dr. B. H. Nanwani

Director

DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001



Date:

Place: Pune

Sign of External Examiner

Sign of Internal Examiner

A
PRACTICAL ON

(IT21L)
Python Programming
&

Advanced Internet Technologies

SUBMITTED BY

SHEWALE SWAPNA HANUMANT

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap

Through,



**Sadhu Vaswani Institute of Management Studies for Girls,
Koregaon Park, Pune -411001**

2023-24



Dr. B. H. Nanwani
Director

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Certified by ISO 9001:2015, SPPU Code: IMMP016030 D.T.E. Institute Code: 6614

Certificate

This is to certify that Ms. **SWAPNA SHEWALE** of class MCA - I SEM II **Seat No. 13154** has completed all the practical in IT-21L - Python & Advanced Internet Technologies for the partial fulfilment of degree- Master of Computer Application as per prescribed syllabus of Savitribai Phule Pune University, Pune in the academic year 2023-24

Dr. Rajesh Kashyap
HOD

Dr. B H Nanwani
Director



DR. B. H. NANWANI
DIRECTOR

SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Date:

Place: Pune

Sign of External Examiner

Sign of Internal Examiner

A
PRACTICAL ON
(IT21L)
Python Programming
&
Advanced Internet Technologies

SUBMITTED BY

Saifa Samir Kazi

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF DEGREE

MASTER OF COMPUTER APPLICATION (SEM-II)

UNDER THE GUIDANCE OF

Dr. Kalpana Salunkhe & Dr. Rajesh Kashyap


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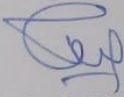


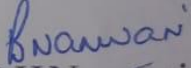
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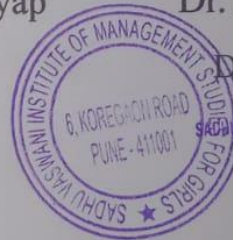
CERTIFICATE

This is to certify that **Saifa Samir Kazi** Seat No. **23133** of **MCA I SEM – II** has been completed the Mini Project entitled “Employee Payroll Management System “ for the fulfilment of **MASTER OF COMPUTER APPLICATION** under **Savitribai Phule Pune University, Pune**. This is the result of the original project work under the supervision and guidance of “**Prof. Girish Bal**” to the best of my knowledge and belief.


Prof. Girish Bal
Project Guide


Dr. Rajesh Kashyap
HOD

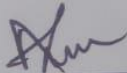

Dr. B H Nanwani
Director



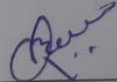
B. H. NANWANI
DIRECTOR
SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS
6, KOREGAON ROAD, PUNE-411 001

Date:

Place: Pune



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