

"Dissemination of Education for Knowledge, Science and Culture"- Shikshanmaharshi Dr. Bapuji Salunkhe.

Shri Swami Vivekanand Shikshan Sanstha Kolhapur

Padmabhushan Dr. Vasantraodada Patil Mahavidyalaya, Tasgaon

Tal-Tasgaon, Dist-Sangli-416312 (Maharashtra)

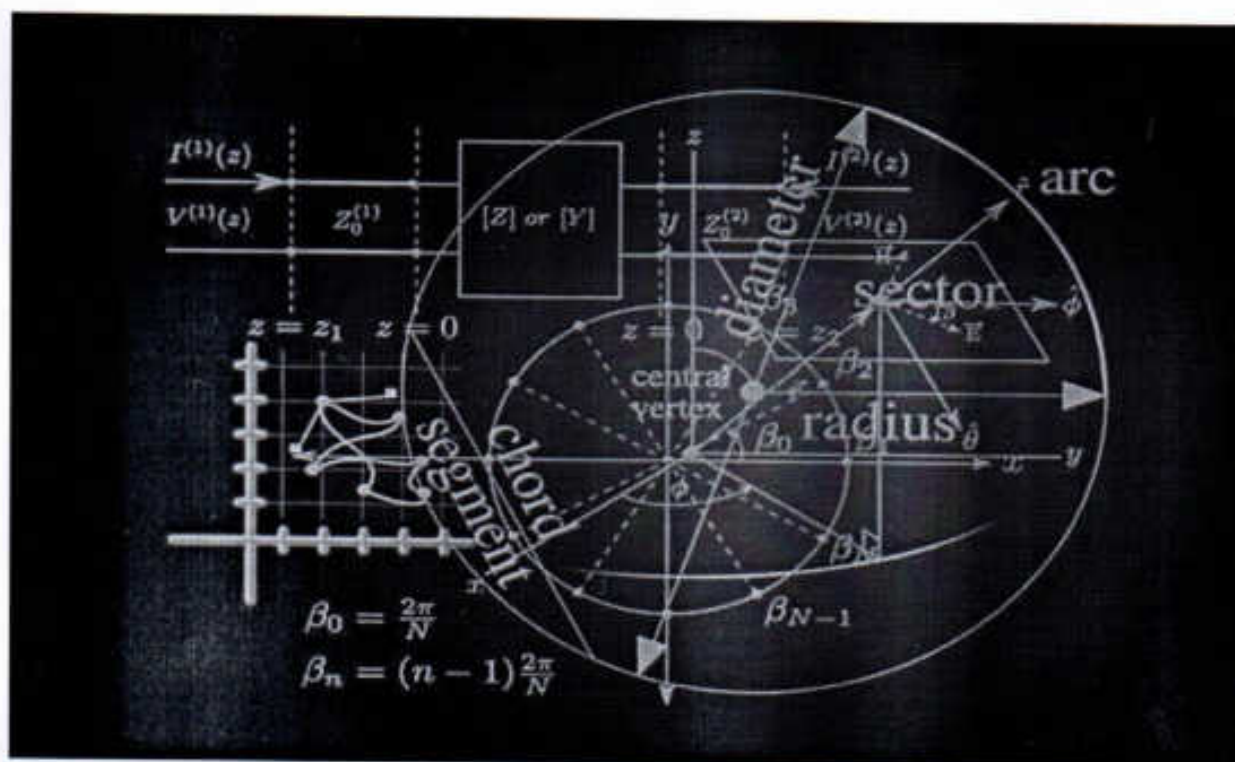
(Affiliated to Shivaji University, Kolhapur)

Department of Mathematics


REPORT

(2019-2020)

A CERTIFICATE COURSE IN LAPLACE
TRANSFORM & FOURIER TRANSFORM



Shri Swami Vivekanand Shikshan Sanstha Kolhapur


HEAD
Department OF MATHS
P. D. V. P. Mahavidyalaya
TASGAON (Sangli)

**Padmabhushan Dr. Vasantodada Patil Mahavidyalaya, Tasgaon
Tal-Tasgaon, Dist-Sangli-416312 (Maharashtra)**

(Affiliated to Shivaji University, Kolhapur)

Department of Mathematics

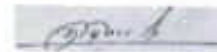
Academic year 2019-2020

Notice

13/08/2019

All the students of B.Sc part III are here by inform that, our college is going to start a certificate course entitled "LAPLACE TRANSFORMATION & FOURIER TRANSFORMATION" for this current academic year. All the students take admission as earlier

Yours faithfully,



(Mr.P.V.Patil)

Course Coordinator

Department OF MATHS
P. D. V P. Mahavidyalaya
TASGAON (Sangli)

Shri Swami Vivekanand Shikshan Sanstha Kolhapur
Padmabhushan Dr. Vasantraodada Patil Mahavidyalaya, Tasgaon
Tal-Tasgaon, Dist-Sangli-416312 (Maharashtra)
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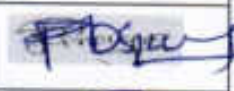


Department of Mathematics

Academic year 2019-2020

MEETING FOR SYLLABUS PREPARATION

(B.O.S)

The meeting for preparation of syllabus of a certificate course in Laplace transformation & Fourier transformation was held on 06/08/2019. The following members of the committee were present for the preparation of syllabus.

Sr.No	Name	Designation	College name	Sign
1	Mr.P.V.Patil	Chairman	P.D.V.P.College,Tasgaon	
2	Mr.B.H.Tarang	Member	P.D.V.P.College,Tasgaon	
3	Miss.P.D.Jirage	Member	P.D.V.P.College,Tasgaon	
4	Miss.S.A.Mane	Member	P.D.V.P.College,Tasgaon	
5	Miss.B.B.Patil	Member	P.D.V.P.College,Tasgaon	

The syllabus for said course has been prepared and the copy of the same is enclosed here with for your kind information and further action.

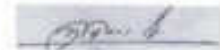
Thanking you,



(Mr.P.V.Patil)

Course Coordinator

Yours Faithfully,



HEAD
Department OF MATHS
P. D. V. P. Mahavidyalaya
Tal. Tasgaon, Dist. Sangli



“ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षणप्रसार” - शिक्षणमहर्षी डॉ. बापूजी साळुंखे

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

PADMABHUSHAN DR. VASANTODADA PATIL MAHAVIDYALAYA

TASGAON, Dist. Sangli, Pin- 416 312 ☎ - STD : 02346-250665, 250575 FAX : 250575

● **Affiliated to Shivaji University, Kolhapur** ●

E-mail : san.pdvpm.tas@gmail.com Website : www.pdvpmtasgaon.edu.in



NAAC Reaccredited 'B' (2.76)

Established Year : June 1962 P. B. No. : 14 Jr. College No. : J22-10-001 Sr. College Code No. : $\frac{SI/AC/4}{X}$ Jr.: C-8

Shikshanmaharshi
Dr. Bapuji Salunkhe
B.A., B.T., D.Lit.
FOUNDER

Hon. Chandrakant (Dada) Patil
PRESIDENT B.Com.
Minister of Revenue, Public Works
Govt. of Maharashtra

Prin. Abhaykumar Salunkhe
M.A.
CHAIRMAN

Prin. Mrs. Shubhangi Gawade
M.Sc. B.Ed.
SECRETARY

Dr. R. R. Kumbhar
M.Sc., M.Phil., Ph.D.
PRINCIPAL

Ref.No. : PDVPMT / By hand

Date : 13/08/2019

To

Prof. P. V. Patil

Department of Mathematics

P.D.V.P. College, Tasgaon.

Sub.:- BOS/Syllabus Committee Meeting

Sir,

You are appointed as Member of Board of Studies (BOS) in Certificate Course in **Laplace Transform & Fourier Transform** to be conducted in our college during academic year 2019-20.

The meeting of BOS is conveyed on **13/08/2019** for the preparation of syllabus of Certification course in **Laplace Transform & Fourier Transform**. You are kindly requested to attend the meeting at 11:00 am in IQAC Office.

Atkes
IQAC Director
IQAC Co-Ordinator,
P.D.V.P. Mahavidyalaya,
Tasgaon.

Dr. R. R. Kumbhar
(Dr. R. R. Kumbhar)
Principal

Principal
Padmabhushan Dr. Vasantodada Patil
Mahavidyalaya, Tasgaon, Sangli.



"ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षणप्रसार" - शिक्षणमहर्षी डॉ. बापूजी साकुंखे

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Dr. R. R. Kumbhar
M.Sc. M.Phil., Ph.D.
PRINCIPAL

Ref.No. : PDVPMT / By hand

Date : 13/08/2019

To

Mr. B. H Tarange

Department of Mathematics

P.D.V.P. College, Tasgaon.

Sub.:- BOS/Syllabus Committee Meeting

Sir,

You are appointed as Member of Board of Studies (BOS) in Certificate Course in **Laplace Transform & Fourier Transform** to be conducted in our college during academic year 2019-20.

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IQAC Director
IQAC Co-Ordinator,
P.D.V.P. Mahavidyalaya,
Tasgaon.


(Dr. Milind S. Hujare)

Principal
Padmabhushan Dr. Vasantodada Patil
Mahavidyalaya, Tasgaon. (Sangli)



"ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षणप्रसार" - शिक्षणमहर्षी डॉ. बापूजी साळुंखे

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Shikshanmaharshi
Dr. Bapuji Salunkhe
B.A., B.T., D.Lit
FOUNDER

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PRESIDENT
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Minister of Revenue, Public Works
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SECRETARY

Dr. R. R. Kumbhar
M.Sc. M.Phil., Ph.D.
PRINCIPAL

Ref.No. : PDVPMT / By hand
To

Date : 13/08/2019

Miss. P. D. Jirage

Department of Mathematics

P.D.V.P. College, Tasgaon.

Sub.:- BOS/Syllabus Committee Meeting

Sir,

You are appointed as Member of Board of Studies (BOS) in Certificate Course in **Laplace Transform & Fourier Transform** to be conducted in our college during academic year 2019-20.

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IQAC Director
IQAC Co-Ordinator,
P.D.V.P. Mahavidyalaya,
Tasgaon.

(Dr. Milind S. Hujare)
Principal
Padmabhushan Dr. Vasanturadada Patil
Mahavidyalaya, Tasgaon. (Sangli)



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NAAC Reaccredited 'B' (2.75)

Shikshanmaharshi
Dr. Bapuji Salunkhe
B.A., B.T., D.Lit.
FOUNDER

Hon. Chandrakant (Dada) Patil
PRESIDENT
B.Com.
Minister of Revenue, Public Works
Govt. of Maharashtra

Prin. Abhaykumar Salunkhe
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CHAIRMAN

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SECRETARY

Dr. R. R. Kumbhar
M.Sc., M.Phil., Ph.D.
PRINCIPAL

Ref.No. : PDVPMT / By hand

Date : 13/08/2019

To

Miss. S. A. Mane

Department of Mathematics

P.D.V.P. College, Tasgaon.


Sub.:- BOS/Syllabus Committee Meeting

Sir,

You are appointed as Member of Board of Studies (BOS) in Certificate Course in **Laplace Transform & Fourier Transform** to be conducted in our college during academic year 2019-20.

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IQAC Director
IQAC Co-Ordinator,
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Tasgaon.


(Dr. Milind S. Hujare)
Principal
Padmabhushan Dr. Vasantodada Patil
Mahavidyalaya, Tasgaon. (Sangli)



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Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

PADMABHUSHAN DR. VASANTRAODADA PATIL MAHAVIDYALAYA

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NAAC Reaccredited 'B⁺⁺' (2.76)

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Shikshanmaharshi
Dr. Bapuji Salunkhe
B.A., B.T., D.Lit.
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SECRETARY

Dr. R. R. Kumbhar
M.Sc. M.Phil., Ph.D.
PRINCIPAL

Ref.No. : PDVPMT / By hand

Date : 13/08/2019

To

Miss. B. B. Patil

Department of Mathematics

P.D.V.P. College, Tasgaon.

Sub.:- BOS/Syllabus Committee Meeting

Sir,

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IQAC Director
IQAC Co-Ordinator,
P.D.V.P. Mahavidyalaya,
Tasgaon.

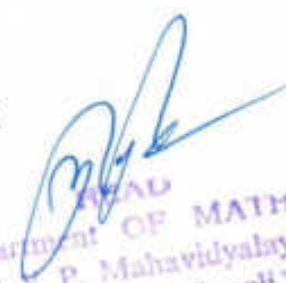
(Dr. Milind S. Hujare)
(Dr. Milind S. Hujare)

Principal
Padmabhushan Dr. Vasantodada Patil
Mahavidyalaya, Tasgaon. (Sangli)

Department of Mathematics
Certificate Course (2019-20)

Syllabus: Laplace transform and Fourier transform

1. Laplace Transform
 - 1.1 Preliminaries
 - 1.1 Integral transform
 - 1.2 Laplace transform
 - 1.3 Existence theorem
 - 1.4 Laplace transform of elementary functions
 - 1.5 Theorems: Linear property, first shifting, second shifting, change of scale property.
- 2 Inverse Laplace Transform
 - 2.1 Definitions
 - 2.2 Null function
 - 2.3 Uniqueness
 - 2.4 Some elementary functions
 - 2.5 Theorems: Linear property, first shifting, second shifting, change of scale property.
- 3 Convolution
 - 3.1 Definition of convolution of two functions
 - 3.2 Convolution theorem.
4. Fourier transform
 - 4.1 Fourier transform
 - 4.2 Fourier Sine transform of $f(x)$
 - 4.3 inverse Fourier Sine transform $f_s(S)$
 - 4.4 Fourier Cosine transform of $f(X)$
 - 4.5 Inverse Fourier Cosine transform $f_c(S)$
 - 4.6 Relation between Fourier transform and Laplace transform


HEAD
Department OF MATHS
P. D. V. P. Mahavidyalaya
SANGLI (Sangli)

18	JADHAV MEENAKSHI ALIS MATABAI SUBHASH	100	MANE RUTUJA BHAGWAN
19	KALBAGE SURAJ JAYWANT	101	MANE SHWETA ANIL
20	KHARMATE PRAJAKTA KESHAV	102	MANE SONALI MADHUKAR
21	KUMBHAR PRAJAKTA RAMCHANDRA	103	MANER GULANAR RAJJAK
22	MANE CHANDRAKANT BHAGWAN	104	MITHARE RUTUJA KALGONDA
23	MANE MAHESH MOHAN	105	MORE YOGITA JAYJAYRAM
24	MANE SUPRIYA SURYAKANT	106	MULANI RAJIYA SHAHABUDDIN
25	MOMIN SAEED LIYAKAT	107	NADAF AYESHA RASUL
26	NADAF KAUSAR SHAMSHUDDIN	108	NALWADE RUTUJA SHAHAJI
27	PATIL ADITI SUNIL	109	NIMAL AMIT DATTATRAY
28	PATIL ASHWINI RAJENDRA	110	NYAYNIRGUNE KOMAL ANIL
29	PATIL MONIKA GANESH	111	PALASE SNEHAL SATISH
30	PATIL MONIKA GHANASHAM	112	PATIL AJIT GORAKH
31	PATIL PALLAVI CHANDRAKANT	113	PATIL AMRUTA ANIL
32	PATIL PRANJALI ABHIJEET	114	PATIL AMRUTA ARUN
33	PATIL SAYALI YASHWANT	115	PATIL DIVYA DEVGONDA
34	PAWAR KAJAL MANIK	116	PATIL KAJAL ARUN
35	PUJARI DIPALI MAHESH	117	PATIL KETAN SHIVAJI
36	SHENDAGE DIPTI DNYANDEV	118	PATIL KOMAL DEEPAK
37	SHIKALGAR SALMAN RAJU	119	PATIL KOMAL VISHWAS
38	SHINDE GANESH MALOJI	120	PATIL MANISHA BALKRUSHNA
39	SHINDE GEETANJALI POPAT	121	PATIL MRUNALI BALAWANT
40	SUTAR NISHA SATISH	122	PATIL OMKAR MAHADEV
41	WALE MANISHA MAHALING	123	PATIL PRATIBHA VISHVANATH
42	ZAMBRE MANISHA SUBHASH	124	PATIL PRATIKSHA PRALHAD



HEAD

Department OF MATHEMATICS
P. D. V. P. Mahavidyalaya,
TASGAON, (Sangli)

43	AMRUTSAGAR ASHITOSH AMOL	125	PATIL SHUBHANGI ARVIND
44	BANSAVADE DATTATRAY ASHOK	126	PATIL SIMA DINKAR
45	BANSODE SNEHAL DILIP	127	PATIL SMITA RAJARAM
46	BEDAGE PRATIKSHA RAMCHANDRA	128	PATIL SUYOG RAVASAHEB
47	BENDREKAR MANISHA MAHADEV	129	PAWAR ARJUN JANARDAN
48	BHASME ANKITA SANDIP	130	PAWAR KOMAL POPAT
49	BHAVASAR ATHARV GAJAJAN	131	PAWAR PALLAVI PRALHAD
50	BHOMANNACHE SUJATA ADVYAPPA	132	PAWAR PRADNYA PRADEEP
51	BHOSALE SNEHAL BALSAAHEB	133	PAWAR SWATI SUBHASH
52	BHUBAL DIPALI CHANDRAKANT	134	POTDAR GITANJALI DAYANAND
53	BOBADE ROHAN SANJAY	135	ROKADE SAKSHI SHARAD
54	BODARE PRAJAKTA UTTAM	136	SADANAND SAHIL SANTOSH
55	CHAUGULE TEJASWINI NARENDRA	137	SAGARE ARATI SUDESH
56	CHAVAN MONIKA RAJENDRA	138	SALUNKHE ANITA VINAYAK
57	CHAVAN POOJA BAPURAO	139	SALUNKHE ANURADHA DNYANDEV
58	CHAVAN RANJANA DEVDAS	140	SALUNKHE KIRTI HANMANT
59	CHAVAN RESHMA ANIL	141	SALUNKHE RUTUJA ASHOK
60	CHAVAN USHA SANJAY	142	SASANE SHAILESH BABURAO
61	DAKE ROHIT SUHAS	143	SAWANT PRAJAKTA MAHADEV
62	DEVKULE SURAJ VILAS	144	SAWANT RESHMA DHANAJI
63	DHENDE SAYALI SADANAND	145	SAWANT TEJAS SURESH
64	GAIKWAD RUTUJA JAYANT	146	SAWANT VAIBHAV SHASHIKANT
65	GAVALI PRATIKSHA SURESH	147	SHINDE ANITA PANDURANG
67	GHORPADE SUSHESHA MADHUKAR	148	SHINDE DHANASHRI BABURAO
68	GHULE SHUBHAM SANJAY	149	SHINDE ROCKEY RAMESH

69	GORE PRASAD JAYANT	150	SHINDE SANDHYA DHANAJI
70	GURAV ASHWINI PANDIT	151	SHINDE SHRUTI VISHWAS
71	HAKE RUTUJA KRISHNA	152	SHIRTODE HARSHADA BABAN
72	HIVARE MAYURI MAHADEV	153	SHIVANKAR SUMIT VIJAYKUMAR
73	INGAWALE PRATIK DIPAK	154	SURYAWANSHI APURVA AMAR
74	JADHAV MAYURI SUKHADEV	155	SUTAR NAMRATA POPAT
75	JADHAV NIKHIL PRABHAKAR	156	SUTAR NILAM SURESH
76	JADHAV SHITAL SHASHIKANT	157	SUTAR SANIYA MARUTI
77	JADHAV VISHAL VILAS	158	SUTAR SUSHANT SHIVAJI
78	KALE AMRUTA ANIL	159	SWAMI KANCHANA SANJAY
79	KAMBLE NISHA ANANDA	160	THOMBARE PRATIKSHA VIJAY
80	KAMBLE RUCHITA SHAM	161	WAGHMODE SNEHAL SARJERAO
81	KAMBLE RUTIKA MILIND	162	YADAV POOJA OMKAR
		163	YALAMAR SONALI POPAT



HEAD
Department OF MATHS
P. D. V. P. Mahavidyalaya
PASGAON (Sangli)

Shri Swami Vivekanand Shikshan Sanstha Kolhapur
Padmabhushan Dr. Vasantodada Patil Mahavidyalaya, Tasgaon

Department of Mathematics

Title of Course: Laplace Transform & Fourier Transform

Time Table for Certificate Course

Academic year 2019-20

Three Week Course [3 September 2019 to 24 September 2019]

Time Table

18 Lectures 4.30 pm to 5.30 pm

03/09/2019 – PDJ	04/09/2019 – SAM
05/09/2019 – BBP	06/09/2019 – TBH
07/09/2019 - PDJ	09/09/2019 – SAM
11/09/2019 – BBP	12/09/2019 – TBH
13/09/2019 – PDJ	14/09/2019 – SAM
16/09/2019 – BBP	17/09/2019 – TBH
18/09/2019 – PDJ	19/09/2019 – SAM
20/09/2019 – BBP	21/09/2019 – TBH
23/09/2019 – PDJ	24/09/2019 – SAM

Name of the Teachers:

- [1] Miss. Jirage P.D. M.Sc. SET [PDJ]
- [2] Miss. Mane S. A. M.Sc. [SAM]
- [3] Miss. Patil B.B. M.Sc. [BBP]
- [4] Mr. Tarange B.H. M.Sc. [TBH]


HEAD
Department OF MATHS
P. D. V. P. Mahavidyalaya
TASGAON (Sangli)

Shri Swami Vivekanand Shikshan Sanstha Kolhapur
Padmabhushan Dr. Vasantrodada Patil Mahavidyalaya, Tasgaon
Tal-Tasgaon, Dist-Sangli-416312 (Maharashtra)

(Affiliated to Shivaji University, Kolhapur)


Department of Mathematics

Academic year 2019-2020

Sr No	student's name	03/09	04/09	05/09	06/09	07/09	08/09	09/09	10/09	11/09	12/09	13/09	14/09	15/09	16/09	17/09	18/09	24/09	24/09
1	BANSODE SAPANA SATISH	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
2	DEVKULE PRANALI ANIL	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
3	MALI ATUSHA SURESH	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
4	MALI NILAM SURESH	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P
5	PATANKAR RUPALI NAMDEV	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P
6	PATIL MEGHA RAJARAM	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	PATIL RUSHIKESH SHANKARRAO	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
8	RANKHAMBE PAYAL ARUN	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
9	SHENDAGE BHAGYASHRI SHIVAJI	P	P	P	A	A	P	P	P	P	P	P	P	P	P	A	P	P	P
10	SHINDE VAISHNAVI SHRIKANT	A	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P
11	YADAV TEJASHREE PATANGRAO	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P
12	ZAMBRE SHREYA DAGADU	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P
13	BHILAWADE VARSHA SANJAY	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P
14	GADE SHWETA SATISH	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P
15	GAIKWAD RUSHIKESH RAJENDRA	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P
16	GALANDE PRUTHVEERAJ GANPATI	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P
17	JADHAV DHANASHREE MURLIDHAR	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P
18	JADHAV MEENAKSHI ALIS MATABAI SUBHASH	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
19	KALBAGE SURAJ JAYWANT	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A
20	KHARMATE PRAJAKTA KESHAV	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A
21	KUMBHAR PRAJAKTA RAMCHANDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	MANE CHANDRAKANT BHAGWAN	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P


 Department OF MATHS
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23	MANE MAHESH MOHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	MANE SUPRIYA SURYAKANT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	MOMIN SAEED LIYAKAT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	NADAF KAUSAR SHAMSHUDDIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	PATIL ADITI SUNIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	PATIL ASHWINI RAJENDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	PATIL MONIKA GANESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	PATIL MONIKA GHANASHAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	PATIL PALLAVI CHANDRAKANT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	PATIL PRANJALI ABHIJEET	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	PATIL SAYALI YASHWANT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	PAWAR KAJAL MANIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	PUJARI DIPALI MAHESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	SHENDAGE DIPTI DNYANDEV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	SHIKALGAR SALMAN RAJU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	SHINDE GANESH MALOJI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	SHINDE GEETANJALI POPAT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	SUTAR NISHA SATISH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	WALE MANISHA MAHALING	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	ZAMBRE MANISHA SUBHASH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	AMRUTSAGAR ASHITOSH AMOL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	BANSAVADE DATTATRAY ASHOK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	BANSODE SNEHAL DILIP	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	BEDAGE PRATIKSHA RAMCHANDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	BENDREKAR MANISHA MAHADEV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	BHASME ANKITA SANDIP	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	BHAVASAR ATHARV GAJAJAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	BHOMANNACHE SUJATA ADVYAPPA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	BHOSALE SNEHAL BALSABEB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	BHUJBAL DIPALI CHANDRAKANT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P


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53	BOBADE ROHAN SANJAY	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
54	BODARE PRAJAKTA UTTAM	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
55	CHAUGULE TEJASWINI NARENDRA	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P
56	CHAVAN MONIKA RAJENDRA	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
57	CHAVAN POOJA BAPURAO	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P
58	CHAVAN RANJANA DEVDAS	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P
59	CHAVAN RESHMA ANIL	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
60	CHAVAN USHA SANJAY	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P
61	DAKE ROHIT SUHAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
62	DEVKULE SURAJ VILAS	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
63	DHENDE SAYALI SADANAND	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
64	GAIKWAD RUTUJA JAYANT	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
65	GAVALI PRATIKSHA SURESH	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
67	GHORPADE SUHESHA MADHUKAR	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
68	GHULE SHUBHAM SANJAY	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
69	GORE PRASAD JAYANT	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
70	GURAV ASHWINI PANDIT	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P
71	HAKE RUTUJA KRISHNA	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
72	HIVARE MAYURI MAHADEV	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
73	INGAWALE PRATIK DIPAK	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
74	JADHAV MAYURI SUKHADEV	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
75	JADHAV NIKHIL PRABHAKAR	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
76	JADHAV SHITAL SHASHIKANT	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
77	JADHAV VISHAL VILAS	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
78	KALE AMRUTA ANIL	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
79	KAMBLE NISHA ANANDA	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
80	KAMBLE RUCHITA SHAM	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
81	KAMBLE RUTIKA MILIND	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
82	KANASE SONALI VIJAY	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
83	KARMARKAR DIVYA DAMODAR	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P
84	KHADE MAYUR BALU	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P

85	KHANDAGALE AMRUTA ADHIK	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P
86	KHARAT SNEHAL SATISH	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
87	KOKANRE PALLAVI RAVINDRA	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
88	KOLEKAR SACHIN BIRU	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
89	KOLI NILESH SUDAM	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
90	KUMBHAR ARATI ANNASO	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
91	LONDHE VIVEK ANIL	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
92	MALAME ANKITA JAYSING	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
93	MALAME SWAPNALI BHIMRAO	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
94	MALI ASHWINI ANIL	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
95	MALI NUTAN SUBHASH	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P
96	MALI SAMEER HANMANT	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A
97	MALI SONALI RAJENDRA	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
98	MANE PRABHAKAR BABASO	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P
99	MANE RADHIKA SUBHASH	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A
100	MANE RUTUJA BHAGWAN	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P
101	MANE SHWETA ANIL	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P
102	MANE SONALI MADHUKAR	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P
103	MANER GULANAR RAJJAK	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P
104	MITHARE RUTUJA KALGONDA	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A
105	MORE YOGITA JAYJAYRAM	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P
106	MULANI RAJIYA SHAHABUDDIN	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P
107	NADAF AYESHA RASUL	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P
108	NALWADE RUTUJA SHAHAJI	P	A	P	P	A	P	P	P	P	P	P	P	P	P	A
109	NIMAL AMIT DATTATRAY	P	A	A	P	P	P	A	P	P	P	P	P	P	P	P
110	NYAYNIRGUNE KOMAL ANIL	P	A	P	A	P	P	A	P	P	P	P	P	P	P	P
111	PALASE SNEHAL SATISH	P	A	A	P	P	P	A	P	P	P	P	P	P	P	A
112	PATIL AJIT GORAKH	A	P	P	P	P	A	P	P	P	P	P	A	P	A	P
113	PATIL AMRUTA ANIL	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P
114	PATIL AMRUTA ARUN	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P
115	PATIL DIVYA DEVGONDA	P	P	A	P	P	P	A	P	P	P	P	P	P	A	P


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Department of MATHS
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116	PATIL KAJAL ARUN	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P
117	PATIL KETAN SHIVAJI	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P
118	PATIL KOMAL DEEPAK	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P
119	PATIL KOMAL VISHWAS	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P
120	PATIL MANISHA BALKRUSHNA	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P
121	PATIL MRUNALI BALAWANT	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P
122	PATIL OMKAR MAHADEV	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P
123	PATIL PRATIBHA VISHVANATH	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P
124	PATIL PRATIKSHA PRALHAD	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P
125	PATIL SHUBHANGI ARVIND	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A
126	PATIL SIMA DINKAR	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A
127	PATIL SMITA RAJARAM	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P
128	PATIL SUYOG RAVASAHEB	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P
129	PAWAR ARJUN JANARDAN	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A
130	PAWAR KOMAL POPAT	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A
131	PAWAR PALLAVI PRALHAD	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
132	PAWAR PRADNYA PRADEEP	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
133	PAWAR SWATI SUBHASH	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
134	POTDAR GITANJALI DAYANAND	P	P	P	P	A	P	A	P	P	P	P	P	P	A	P
135	ROKADE SAKSHI SHARAD	P	P	P	A	P	A	P	P	P	P	P	P	P	A	P
136	SADANAND SAHIL SANTOSH	P	P	A	P	A	P	P	P	P	P	P	P	P	A	P
137	SAGARE ARATI SUDESH	P	A	P	A	P	P	P	P	P	P	P	P	P	A	P
138	SALUNKHE ANITA VINAYAK	P	P	A	P	A	P	P	P	P	P	P	P	P	A	P
139	SALUNKHE ANURADHA DNYANDEV	P	P	P	A	P	A	P	P	P	P	P	P	P	A	P
140	SALUNKHE KIRTI HANMANT	P	P	P	P	A	P	A	P	P	P	P	P	P	A	P
141	SALUNKHE RUTUJA ASHOK	P	P	P	P	P	A	P	A	P	P	P	P	P	A	P
142	SASANE SHAILESH BABURAO	P	P	P	P	P	P	A	P	A	P	P	P	P	A	P
143	SAWANT PRAJAKTA MAHADEV	P	P	P	P	P	P	P	A	P	A	P	P	P	A	P
144	SAWANT RESHMA DHANAJI	P	P	P	P	P	P	P	P	A	P	A	P	P	A	P
145	SAWANT TEJAS SURESH	P	P	P	P	P	P	P	P	P	A	P	A	P	P	A
146	SAWANT VAIBHAV SHASHIKANT	P	P	P	P	P	P	P	P	P	P	A	P	A	P	A


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147	SHINDE ANITA PANDURANG	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
148	SHINDE DHANASHRI BABURAO	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P
149	SHINDE ROCKEY RAMESH	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
150	SHINDE SANDHYA DHANAJI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
151	SHINDE SHRUTI VISHWAS	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
152	SHIRTODE HARSHADA BABAN	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P
153	SHIVANKAR SUMIT VIJAYKUMAR	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
154	SURYAWANSHI APURVA AMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
155	SUTAR NAMRATA POPAT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
156	SUTAR NILAM SURESH	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
157	SUTAR SANIYA MARUTI	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
158	SUTAR SUSHANT SHIVAJI	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
159	SWAMI KANCHANA SANJAY	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P
160	THOMBARE PRATIKSHA VIJAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
161	WAGHMODE SNEHAL SARJERAO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
162	YADAV POOJA OMKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
163	YALAMAR SONALI POPAT	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P

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Warananasi (Sangli)

Shri Swami Vivekanand Shikshan Sanstha Kolhapur
Padmabhushan Dr. Vasantodada Patil Mahavidyalaya, Tasgaon
Tal-Tasgaon, Dist-Sangli-416312 (Maharashtra)

(Affiliated to Shivaji University, Kolhapur)

Department of Mathematics

Academic year 2019-2020

Notice

All the students of B.Sc-III are hereby informed that the examination of Laplace and Fourier transform certificate course will be held on following time table wise.

Day	Date	Time
Monday	02/03/2020	11.00 am to 1.00 pm


HEAD
Department of MATHEMATICS
P. D. V. P. Mahavidyalaya
TASGAON (Sangli)

DEPARTMENT OF MATHEMATICS
PADMABHUSHAN DR VASANTRAODADA PATIL MAHAVIDYALAYA
TASGAON

CERTIFICATE COURSE

IN

“Laplace Transform and Fourier transform”

Date:

Total marks: 50

Time: 11:00am to 01:00pm

Q.1) Answer the following one or two sentence.

- a) Define Laplace transform of elementary function.
- b) Define inverse Laplace transform of elementary function.
- c) State linearity property.
- d) State first linearity property and second linearity property.
- e) Define Fourier transform and inverse of Fourier transform.

Q.2) State convolution theorem and evaluate $L^{-1} \left| \frac{1}{(s+a)(s+b)} \right|$.

Q.3) State relation between Fourier transform and Laplace transform.

Q.4) show that $L \{ \sin(at) \} = \frac{a}{s^2+a^2}$ if $s > 0$.

Q.5) Evaluate $[\sin \sqrt{t}]$.

Q.6) Find the Fourier transform of $f(x) = \begin{cases} 1, & |x| < a \\ 0, & |x| > a \end{cases}$


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P. D. V. P. Mahavidyalaya
TASGAON. (Sangli)

Shri Swami Vivekanand Shikshan Sanstha Kolhapur
Padmabhushan Dr. Vasantraodada Patil Mahavidyalaya, Tasgaon
Tal-Tasgaon, Dist-Sangli-416312 (Maharashtra)

Department of Mathematics

Academic year 2019-2020


Sr. No.	Name of the students	Sign
1	BANSODE SAPANA SATISH	S.S.B.
2	DEVKULE PRANALI ANIL	P.A.P.
3	MALI ATUSHA SURESH	A.Mali.
4	MALI NILAM SURESH	N.Mali.
5	PATANKAR RUPALI NAMDEV	R.Patankar.
6	PATIL MEGHA RAJARAM	M.Patil.
7	PATIL RUSHIKESH SHANKARRAO	R.Patil.
8	RANKHAMBE PAYAL ARUN	P.Rankhambe.
9	SHENDAGE BHAGYASHRI SHIVAJI	Bhagyashrishendge
10	SHINDE VAISHNAVI SHRIKANT	Vshinde.
11	YADAV TEJASHREE PATANGRAO	T.Patangrao.
12	ZAMBRE SHREYA DAGADU	Sshreya.
13	BHILAWADE VARSHA SANJAY	Vsanjayb.
14	GADE SHWETA SATISH	S.Gade.
15	GAIKWAD RUSHIKESH RAJENDRA	RushikeshG.
16	GALANDE PRUTHVEERAJ GANPATI	P.Galande.
17	JADHAV DHANASHREE MURLIDHAR	D.Jadhav.
18	JADHAV MEENAKSHI ALIS MATABAI SUBHASH	MeenakshJadhav
19	KALBAGE SURAJ JAYWANT	SJK
20	KHARMATE PRAJAKTA KESHAV	P.Kharmate.
21	KUMBHAR PRAJAKTA RAMCHANDRA	P.Kumbhar.
22	MANE CHANDRAKANT BHAGWAN	Cbmane.


HEAD,
Department of MATHEMATICS
P. D. V. P. Mahavidyalaya
TASGAON. (Sangli)

23	MANE MAHESH MOHAN	<u>Manem</u>
24	MANE SUPRIYA SURYAKANT	<u>Manes.s.</u>
25	MOMIN SAEED LIYAKAT	<u>Momin&L.</u>
26	NADAF KAUSAR SHAMSHUDDIN	<u>Nadaf&K</u>
27	PATIL ADITI SUNIL	<u>PatilA&S</u>
28	PATIL ASHWINI RAJENDRA	<u>PatilA</u>
29	PATIL MONIKA GANESH	<u>PatilM&G</u>
30	PATIL MONIKA GHANASHAM	<u>MG.Patil</u>
31	PATIL PALLAVI CHANDRAKANT	<u>PatilP&C</u>
32	PATIL PRANJALI ABHJEET	<u>PatilP&A</u>
33	PATIL SAYALI YASHWANT	<u>PatilS&Y</u>
34	PAWAR KAJAL MANIK	<u>PawarK.M</u>
35	PUJARI DIPALI MAHESH	<u>PujariD.M</u>
36	SHENDAGE DIPTI DNYANDEV	<u>ShendageD</u>
37	SHIKALGAR SALMAN RAJU	<u>ShikalgarS</u>
38	SHINDE GANESH MALOJI	<u>ShindeG.M</u>
39	SHINDE GEETANJALI POPAT	<u>ShindeG.P</u>
40	SUTAR NISHA SATISH	<u>SutarN.S</u>
41	WALE MANISHA MAHALING	<u>WaleM.M</u>
42	ZAMBRE MANISHA SUBHASH	<u>ZambreM.S.</u>
43	AMRUTSAGAR ASHITOSH AMOL	<u>Amrutsagar</u>
44	BANSAVADE DATTATRAY ASHOK	<u>BansavadeD.A</u>
45	BANSODE SNEHAL DILIP	<u>BansavadeS.P.</u>
46	BEDAGE PRATIKSHA RAMCHANDRA	<u>Bedage</u>
47	BENDREKAR MANISHA MAHADEV	<u>BendrekarM.M</u>
48	BHASME ANKITA SANDIP	<u>BhasmeA.S.</u>
49	BHAVASAR ATHARV GAJAJAN	<u>BhavasagarA.G</u>
50	BHOMANNACHE SUJATA ADVYAPPA	<u>BhormannacheS.A</u>
51	BHOSALE SNEHAL BALSABHEB	<u>Bhosales.S.</u>
52	BHUJBAL DIPALI CHANDRAKANT	<u>BhujbalD.C</u>
53	BOBADE ROHAN SANJAY	<u>BobadeR.S</u>


 Department of MATHE
 P.D.V.P. Mahavidyalaya
 TARGAON (Sangli)

54	BODARE PRAJAKTA UTTAM	Bodare P.U.
55	CHAUGULE TEJASWINI NARENDRA	Chaugule T.N.
56	CHAVAN MONIKA RAJENDRA	Chavan M.R.
57	CHAVAN POOJA BAPURAO	Chavan P.
58	CHAVAN RANJANA DEVDAS	Chavan R.D.
59	CHAVAN RESHMA ANIL	Chavan R.A.
60	CHAVAN USHA SANJAY	Chavan U.S.
61	DAKE ROHIT SUHAS	Dake R.S.
62	DEVKULE SURAJ VILAS	Devkule S.V.
63	DHENDE SAYALI SADANAND	Dhendess
64	GAIKWAD RUTUJA JAYANT	Gaikwad R.J.
65	GAVALI PRATIKSHA SURESH	Gavali P.S.
67	GHORPADE SUHESHA MADHUKAR	Ghorpade S.M.
68	GHULE SHUBHAM SANJAY	Ghules S.
69	GORE PRASAD JAYANT	Gore P.J.
70	GURAV ASHWINI PANDIT	Gurav A.P.
71	HAKE RUTUJA KRISHNA	Hake R.K.
72	HIVARE MAYURI MAHADEV	H.M.M.
73	INGAWALE PRATIK DIPAK	I.P.D.
74	JADHAV MAYURI SUKHADEV	Jadhav M.S.
75	JADHAV NIKHIL PRABHAKAR	J.N.P.
76	JADHAV SHITAL SHASHIKANT	Jadhav S.S.
77	JADHAV VISHAL VILAS	Jadhav V.V.
78	KALE AMRUTA ANIL	Kale A.A.
79	KAMBLE NISHA ANANDA	Kamble N.A.
80	KAMBLE RUCHITA SHAM	Kamble R.S.
81	KAMBLE RUTIKA MILIND	Kamble R.M.
82	KANASE SONALI VIJAY	Kanase S.V.
83	KARMARKAR DIVYA DAMODAR	Karmarkar D.D.
84	KHADE MAYUR BALU	Khade M.B.
85	KHANDAGALE AMRUTA ADHIK	Khandagale A.A.


HEAD
 Department of MATHS
 P. D. V. P. Mahavidyalaya
 TARGAON (Sangli)

86	KHARAT SNEHAL SATISH	<u>GHART</u>
87	KOKANRE PALLAVI RAVINDRA	<u>Kokanre</u>
88	KOLEKAR SACHIN BIRU	<u>Kolekar</u>
89	KOLI NILESH SUDAM	<u>KOLI</u>
90	KUMBHAR ARATI ANNASO	<u>Kumbhar</u>
91	LONDHE VIVEK ANIL	<u>Vonde</u>
92	MALAME ANKITA JAYSING	<u>Malame</u>
93	MALAME SWAPNALI BHIMRAO	<u>Malame S.B</u>
94	MALI ASHWINI ANIL	<u>Mali A.A.</u>
95	MALI NUTAN SUBHASH	<u>Mali Nutan</u>
96	MALI SAMEER HANMANT	<u>Mali Sameer</u>
97	MALI SONALI RAJENDRA	<u>Mali Sonali</u>
98	MANE PRABHAKAR BABASO	<u>Mane</u>
99	MANE RADHIKA SUBHASH	<u>rmane</u>
100	MANE RUTUJA BHAGWAN	<u>Mane R.B</u>
101	MANE SHWETA ANIL	<u>Shetwa Mane</u>
102	MANE SONALI MADHUKAR	<u>Sonali Mane</u>
103	MANER GULANAR RAJAK	<u>MANER G.R</u>
104	MITHARE RUTUJA KALGONDA	<u>MITHARE R</u>
105	MORE YOGITA JAYJAYRAM	<u>more</u>
106	MULANI RAJIYA SHAHABUDDIN	<u>Rmulani</u>
107	NADAF AYESHA RASUL	<u>Nadaf</u>
108	NALWADE RUTUJA SHAHAJI	<u>Nalwade</u>
109	NIMAL AMIT DATTATRAY	<u>Nimal</u>
110	NYAYNIRGUNE KOMAL ANIL	<u>Nemal</u>
111	PALASE SNEHAL SATISH	<u>Snehal</u>
112	PATIL AJIT GORAKH	<u>Ajit</u>
113	PATIL AMRUTA ANIL	<u>Patil</u>
114	PATIL AMRUTA ARUN	<u>Amruta</u>
115	PATIL DIVYA DEVGONDA	<u>Patil</u>
116	PATIL KAJAL ARUN	<u>Kajal Patil</u>


HEAD
 Department OF MATHS
 P. D. V. P. Mahavidyalaya
 Sangli

117	PATIL KETAN SHIVAJI	patil ketan.
118	PATIL KOMAL DEEPAK	<u>komal</u>
119	PATIL KOMAL VISHWAS	patil. vishwas
120	PATIL MANISHA BALKRUSHNA	Manisha patil
121	PATIL MRUNALI BALAWANT	MRUNALI patil
122	PATIL OMKAR MAHADEV	<u>Omkar</u>
123	PATIL PRATIBHA VISHVANATH	Pratibha . Y
124	PATIL PRATIKSHA PRALHAD	<u>Patil</u>
125	PATIL SHUBHANGI ARVIND	<u>Patil</u>
126	PATIL SIMA DINKAR	<u>Patil</u>
127	PATIL SMITA RAJARAM	patil. <u>smita</u>
128	PATIL SUYOG RAVASAHEB	<u>Suyogpatil</u>
129	PAWAR ARJUN JANARDAN	PAWAR. A. J
130	PAWAR KOMAL POPAT	<u>PAWAR</u>
131	PAWAR PALLAVI PRALHAD	<u>PALLAVI</u>
132	PAWAR PRADNYA PRADEEP	<u>Pradnya</u>
133	PAWAR SWATI SUBHASH	<u>PAWAR. S</u>
134	POTDAR GITANJALI DAYANAND	<u>POTDAR. G</u>
135	ROKADE SAKSHI SHARAD	<u>ROKADE. S</u>
136	SADANAND SAHIL SANTOSH	<u>SADANAND. SA</u>
137	SAGARE ARATI SUDESH	<u>SAGARE. ARJI</u>
138	SALUNKHE ANITA VINAYAK	<u>SALUNKHE. A</u>
139	SALUNKHE ANURADHA DNYANDEV	<u>SALUNKHE</u>
140	SALUNKHE KIRTI HANMANT	<u>SALUNKHE. K</u>
141	SALUNKHE RUTUJA ASHOK	<u>SALUNKHE. R</u>
142	SASANE SHAILESH BABURAO	<u>S. S. B.</u>
143	SAWANT PRAJAKTA MAHADEV	<u>Swant. R</u>
144	SAWANT RESHMA DHANAJI	<u>SAWANT TEJAS.</u>
145	SAWANT TEJAS SURESH	<u>SAWANT. X</u>
146	SAWANT VAIBHAV SHASHIKANT	<u>SAWANT</u>
147	SHINDE ANITA PANDURANG	<u>shindeANITA</u>

148	SHINDE DHANASHRI BABURAO	D. B. shinde
149	SHINDE ROCKEY RAMESH	Shinde. R. R
150	SHINDE SANDHYA DHANAJI	Sshinde.
151	SHINDE SHRUTI VISHWAS	SVShinde
152	SHIRTODE HARSHADA BABAN	H. B. shirtode
153	SHIVANKAR SUMIT VIJAYKUMAR	S. V. shivankar
154	SURYAWANSHI APURVA AMAR	Asuryawanshi
155	SUTAR NAMRATA POPAT	N. M. sutar
156	SUTAR NILAM SURESH	Sutar
157	SUTAR SANIYA MARUTI	Sutar.
158	SUTAR SUSHANT SHIVAJI	Sutar.
159	SWAMI KANCHANA SANJAY	S. K. Swarni.
160	THOMBARE PRATIKSHA VIJAY	R. Thombare.
161	WAGHMODE SNEHAL SARJERAO	Swadhmode.
162	YADAV POOJA OMKAR	Yadav P. O
163	YALAMAR SONALI POPAT	Yalamar. S. P.


 A. D. V. P. Mahavidyalaya
 TASGAON. (Sangli)

Shri Swami Vivekanand Shikshan Sanstha Kolhapur
Padmabhushan Dr. Vasantodada Patil Mahavidyalaya, Tasgaon
Tal-Tasgaon, Dist-Sangli-416312 (Maharashtra)

(Affiliated to Shivaji University, Kolhapur)

Department of Mathematics


Academic year 2019-2020

RESULT ANALYSIS

Sr.No.	Name of the students	Marks out of 50	Result
1	BANSODE SAPANA SATISH	32	PASS
2	DEVKULE PRANALI ANIL	34	PASS
3	MALI ATUSHA SURESH	12	PASS
4	MALI NILAM SURESH	50	PASS
5	PATANKAR RUPALI NAMDEV	38	PASS
6	PATIL MEGHA RAJARAM	38	PASS
7	PATIL RUSHIKESH SHANKARRAO	48	PASS
8	RANKHAMBE PAYAL ARUN	40	PASS
9	SHENDAGE BHAGYASHRI SHIVAJI	40	PASS
10	SHINDE VAISHNAVI SHRIKANT	40	PASS
11	YADAV TEJASHREE PATANGRAO	23	PASS
12	ZAMBRE SHREYA DAGADU	34	PASS
13	BHILAWADE VARSHA SANJAY	40	PASS
14	GADE SHWETA SATISH	38	PASS
15	GAIKWAD RUSHIKESH RAJENDRA	40	PASS
16	GALANDE PRUTHVEERAJ GANPATI	40	PASS
17	JADHAV DHANASHREE MURLIDHAR	42	PASS
18	JADHAV MEENAKSHI ALIS MATABAI SUBHASH	32	PASS
19	KALBAGE SURAJ JAYWANT	17	PASS
20	KHARMATE PRAJAKTA KESHAV	30	PASS


HEAD
Department of MATHS
D. V. P. Mahavidyalaya
TASGAON (Sangli)

21	KUMBHAR PRAJAKTA RAMCHANDRA	38	PASS
22	MANE CHANDRAKANT BHAGWAN	38	PASS
23	MANE MAHESH MOHAN	28	PASS
24	MANE SUPRIYA SURYAKANT	42	PASS
25	MOMIN SAEED LIYAKAT	38	PASS
26	NADAF KAUSAR SHAMSHUDDIN	36	PASS
27	PATIL ADITI SUNIL	12	PASS
28	PATIL ASHWINI RAJENDRA	38	PASS
29	PATIL MONIKA GANESH	32	PASS
30	PATIL MONIKA GHANASHAM	34	PASS
31	PATIL PALLAVI CHANDRAKANT	12	PASS
32	PATIL PRANJALI ABHIJEET	23	PASS
33	PATIL SAYALI YASHWANT	36	PASS
34	PAWAR KAJAL MANIK	33	PASS
35	PUJARI DIPALI MAHESH	23	PASS
36	SHENDAGE DIPTI DNYANDEV	42	PASS
37	SHIKALGAR SALMAN RAJU	34	PASS
38	SHINDE GANESH MALOJI	42	PASS
39	SHINDE GEETANJALI POPAT	12	PASS
40	SUTAR NISHA SATISH	44	PASS
41	WALE MANISHA MAHALING	40	PASS
42	ZAMBRE MANISHA SUBHASH	46	PASS
43	AMRUTSAGAR ASHITOSH AMOL	32	PASS
44	BANSAVADE DATTATRAY ASHOK	34	PASS
45	BANSODE SNEHAL DILIP	23	PASS
46	BEDAGE PRATIKSHA RAMCHANDRA	32	PASS
47	BENDREKAR MANISHA MAHADEV	38	PASS
48	BHASME ANKITA SANDIP	38	PASS
49	BHAVASAR ATHARV GAJAJAN	40	PASS
50	BHOMANNACHE SUJATA ADVYAPPA	40	PASS
51	BHOSALE SNEHAL BALSARE	40	PASS


HEAD
 Department OF MATHS
 P. D. V. P. Mahavidyalaya
 TARGAON, (Sangli)

Department of Mathematics
Certificate Course CMCE -2016-17

[A CERTIFICATE COURSE IN OPTIMIZATION PROBLEMS]

SYLLABUS

- [1] Decision theory
- [2] Assignment problem
- [3] Transportation problem
- [4] Travelling Sales-man problem
- [5] Minimax theorem
- [6] Dominance principle
- [7] Graphical method
- [8] Arithmetic theorem
- [9] Game theory
- [10] Optimization problem

52	BHUBAL DIPALI CHANDRAKANT	40	PASS
53	BOBADE ROHAN SANJAY	23	PASS
54	BODARE PRAJAKTA UTTAM	34	PASS
55	CHAUGULE TEJASWINI NARENDRA	40	PASS
56	CHAVAN MONIKA RAJENDRA	38	PASS
57	CHAVAN POOJA BAPURAO	40	PASS
58	CHAVAN RANJANA DEVDAS	40	PASS
59	CHAVAN RESHMA ANIL	42	PASS
60	CHAVAN USHA SANJAY	40	PASS
61	DAKE ROHIT SUHAS	40	PASS
62	DEVKULE SURAJ VILAS	40	PASS
63	DHENDE SAYALI SADANAND	40	PASS
64	GAIKWAD RUTUJA JAYANT	23	PASS
65	GAVALI PRATIKSHA SURESH	34	PASS
67	GHORPADE SUHESHA MADHUKAR	40	PASS
68	GHULE SHUBHAM SANJAY	38	PASS
69	GORE PRASAD JAYANT	40	PASS
70	GURAV ASHWINI PANDIT	40	PASS
71	HAKE RUTUJA KRISHNA	23	PASS
72	HIVARE MAYURI MAHADEV	47	PASS
73	INGAWALE PRATIK DIPAK	23	PASS
74	JADHAV MAYURI SUKHADEV	42	PASS
75	JADHAV NIKHIL PRABHAKAR	34	PASS
76	JADHAV SHITAL SHASHIKANT	42	PASS
77	JADHAV VISHAL VILAS	49	PASS
78	KALE AMRUTA ANIL	44	PASS
79	KAMBLE NISHA ANANDA	40	PASS
80	KAMBLE RUCHITA SHAM	46	PASS
81	KAMBLE RUTIKA MILIND	32	PASS
82	KANASE SONALI VIJAY	34	PASS
83	KARMARKAR DIVYA DAMODAR	23	PASS


HEAD
 Department OF MATHS
 'D. V. P. Mahavidyalaya
 CASGAON (Sangli)'

Shri Swami Vivekanand Shikshan Sanstha Kolhapur
Padmabhushan Dr. Vasantraodada Patil Mahavidyalaya, Tasgaon
Tal-Tasgaon, Dist-Sangli-416312 (Maharashtra)
(Affiliated to Shivaji University, Kolhapur)

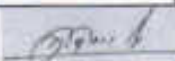
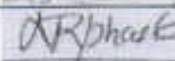
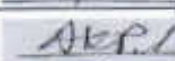
Department of Mathematics

Academic year 2016-2017

MEETING FOR SYLLABUS PREPARATION

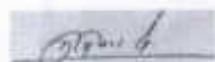
(B.O.S)

The meeting for preparation of syllabus of a certificate course in A CERTIFICATE COURSE IN OPTIMIZATION PROBLEMS was held on 19/09/2016. The following members of the committee were present for the preparation of syllabus.

Sr.No	Name	Designation	College name	Sign
1	Mr.P.V.Patil	Chairman	P.D.V.P.College, Tasgaon	
2	Miss.N.R.Dhaske	Member	P.D.V.P.College, Tasgaon	
3	Miss.A.K.Patil	Member	P.D.V.P.College, Tasgaon	

The syllabus for said course has been prepared and the copy of the same is enclosed here with for your kind information and further action.

Thanking you,




(Mr.P.V.Patil)

Course Coordinator

Yours Faithfully,

84	KHADE MAYUR BALU	32	PASS
85	KHANDAGALE AMRUTA ADHIK	38	PASS
86	KHARAT SNEHAL SATISH	38	PASS
87	KOKANRE PALLAVI RAVINDRA	40	PASS
88	KOLEKAR SACHIN BIRU	40	PASS
89	KOLI NILESH SUDAM	40	PASS
90	KUMBHAR ARATI ANNASO	40	PASS
91	LONDHE VIVEK ANIL	23	PASS
92	MALAME ANKITA JAYSING	34	PASS
93	MALAME SWAPNALI BHIMRAO	40	PASS
94	MALI ASHWINI ANIL	38	PASS
95	MALI NUTAN SUBHASH	40	PASS
96	MALI SAMEER HANMANT	40	PASS
97	MALI SONALI RAJENDRA	42	PASS
98	MANE PRABHAKAR BABASO	40	PASS
99	MANE RADHIKA SUBHASH	40	PASS
100	MANE RUTUJA BHAGWAN	40	PASS
101	MANE SHWETA ANIL	40	PASS
102	MANE SONALI MADHUKAR	23	PASS
103	MANER GULANAR RAJJAK	34	PASS
104	MITHARE RUTUJA KALGONDA	32	PASS
105	MORE YOGITA JAYJAYRAM	34	PASS
106	MULANI RAJIYA SHAHABUDDIN	12	PASS
107	NADAF AYESHA RASUL	32	PASS
108	NALWADE RUTUJA SHAHAJI	38	PASS
109	NIMAL AMIT DATTATRAY	38	PASS
110	NYAYNIRGUNE KOMAL ANIL	40	PASS
111	PALASE SNEHAL SATISH	40	PASS
112	PATIL AJIT GORAKH	42	PASS
113	PATIL AMRUTA ANIL	34	PASS
114	PATIL AMRUTA ARUN	42	PASS


 Department OF MATHS
 P. D. V. P. Mahavidyalaya
 TASGAON, (Sangli)

Shri Swami Vivekanand Shikshan Sanstha Kolhapur
Padmabhushan Dr. Vasantraodada Patil Mahavidyalaya, Tasgaon
Tal-Tasgaon, Dist-Sangli-416312 (Maharashtra)
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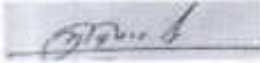
Department of Mathematics

Academic year 2016-2017

Notice

19/09/2016

All the students of are here by inform that, our college is going to start a certificate course entitled "A CERTIFICATE COURSE IN OPTIMIZATION PROBLEMS" for this current academic year. All the students take admission as earlier.




(Mr.P.V.Patil)
Course Coordinator

Yours Faithfully,

115	PATIL DIVYA DEVGONDA	49	PASS
116	PATIL KAJAL ARUN	44	PASS
117	PATIL KETAN SHIVAJI	40	PASS
118	PATIL KOMAL DEEPAK	46	PASS
119	PATIL KOMAL VISHWAS	23	PASS
120	PATIL MANISHA BALKRUSHNA	34	PASS
121	PATIL MRUNALI BALAWANT	40	PASS
122	PATIL OMKAR MAHADEV	38	PASS
123	PATIL PRATIBHA VISHVANATH	40	PASS
124	PATIL PRATIKSHA PRALHAD	40	PASS
125	PATIL SHUBHANGI ARVIND	23	PASS
126	PATIL SIMA DINKAR	47	PASS
127	PATIL SMITA RAJARAM	23	PASS
128	PATIL SUYOG RAVASAHEB	42	PASS
129	PAWAR ARJUN JANARDAN	34	PASS
130	PAWAR KOMAL POPAT	42	PASS
131	PAWAR PALLAVI PRALHAD	49	PASS
132	PAWAR PRADNYA PRADEEP	44	PASS
133	PAWAR SWATI SUBHASH	40	PASS
134	POTDAR GITANJALI DAYANAND	46	PASS
135	ROKADE SAKSHI SHARAD	32	PASS
136	SADANAND SAHIL SANTOSH	34	PASS
137	SAGARE ARATI SUDESH	23	PASS
138	SALUNKHE ANITA VINAYAK	32	PASS
139	SALUNKHE ANURADHA DNYANDEV	38	PASS
140	SALUNKHE KIRTI HANMANT	38	PASS
141	SALUNKHE RUTUJA ASHOK	40	PASS
142	SASANE SHAILESH BABURAO	40	PASS
143	SAWANT PRAJAKTA MAHADEV	23	PASS
144	SAWANT RESHMA DHANAJI	34	PASS
145	SAWANT TEJAS SURESH	40	PASS


 HEAD
 DEPARTMENT OF MATHS
 D. J. S. J. W. D. Y. A. L. Y.
 P. O. BOX 1000 (Sangli)

146	SAWANT VAIBHAV SHASHIKANT	42	PASS
147	SHINDE ANITA PANDURANG	34	PASS
148	SHINDE DHANASHRI BABURAO	42	PASS
149	SHINDE ROCKEY RAMESH	40	PASS
150	SHINDE SANDHYA DHANAJI	44	PASS
151	SHINDE SHRUTI VISHWAS	40	PASS
152	SHIRTODE HARSHADA BABAN	46	PASS
153	SHIVANKAR SUMIT VIJAYKUMAR	00	AB
154	SURYAWANSHI APURVA AMAR	34	PASS
155	SUTAR NAMRATA POPAT	AB	PASS
156	SUTAR NILAM SURESH	32	PASS
157	SUTAR SANIYA MARUTI	38	PASS
158	SUTAR SUSHANT SHIVAJI	38	PASS
159	SWAMI KANCHANA SANJAY	40	PASS
160	THOMBARE PRATIKSHA VIJAY	40	PASS
161	WAGHMODE SNEHAL SARJERAO	00	AB
162	YADAV POOJA OMKAR	40	PASS
163	YALAMAR SONALI POPAT	00	AB


 HEAD
 DEPARTMENT OF MATHS
 P. D. V. P. Mahavidyalaya
 SASURDOL (Sangli)

Shri Swami Vivekanand Shikshan Sanstha Kolhapur
Padmabhushan Dr. Vasantodada Patil Mahavidyalaya, Tasgaon

Department of Mathematics

Academic year 2019-2020


RESULT ANALYSIS

RANKERS

Sr. No.	Name of the student	Total Marks	Rank
1	Miss.Mali Nilam Suresh	50	I st
2	PATIL DIVYA DEVGONDA	49	II nd
3	Mr.Patil Rushikesh Shankarrao	48	III rd


HEAD
Department OF MATHS
P. D. V P Mahavidyalaya
TASGAON, Kolhapur (Sinh)

21	KUMBHAR PRAJAKTA RAMCHANDRA	38	PASS
22	MANE CHANDRAKANT BHAGWAN	40	PASS
23	MANE MAHESH MOHAN	40	PASS
24	MANE SUPRIYA SURYAKANT	42	PASS
25	MOMIN SAEED LIYAKAT	32	PASS
26	NADAF KAUSAR SHAMSHUDDIN	AB	AB
27	PATIL ADITI SUNIL	30	PASS
28	PATIL ASHWINI RAJENDRA	38	PASS
29	PATIL MONIKA GANESH	38	PASS
30	PATIL MONIKA GHANASHAM	28	PASS
31	PATIL PALLAVI CHANDRAKANT	42	PASS
32	PATIL PRANJALI ABHUEET	38	PASS
33	PATIL SAYALI YASHWANT	36	PASS
34	PAWAR KAJAL MANIK	AB	AB
35	PUJARI DIPALI MAHESH	38	PASS
36	SHENDAGE DIPTI DNYANDEV	AB	AB
37	SHIKALGAR SALMAN RAJU	34	PASS
38	SHINDE GANESH MALOJI	AB	AB
39	SHINDE GEETANJALI POPAT	AB	AB
40	SUTAR NISHA SATISH	36	PASS
41	WALE MANISHA MAHALING	AB	AB
42	ZAMBRE MANISHA SUBHASH	AB	AB


HEAD
Department OF MATHS
P. D. V. P. Mahavidyalaya
TASGAON. (Sangli)

**PADMABHUSHAN DR. VASANTRAODADA PATIL
MAHAVIDYALAYA, TASGAON**

Tal-Tasgaon, Dist-Sangli-416312 (Maharashtra)

(Affiliated to Shivaji University, Kolhapur)

2019-2020

This is to Certify that Mr. /Miss. _____

*Mother's name _____ has passed the
certificate course in Laplace Transform and Fourier Transform in _____
_____ Class in the year _____ The examination of which was held
in April _____*

This said certificate has been issued to him/her at Tasgaon (Dist-Sangli)

Co-Ordinator

HEAD
Department OF MATHS
P. D. V. P. Mahavidyalaya
TASGAON (Sangli)

Principal