B.Sc. III Physics 21-22

#### ।। ओ३म्।। तमसो मा ज्योतिर्गमय

#### D.B.F. Dayanand College of Arts & Science, Solapur.



Department of Physics

Certificate

Date: 20 /06 / 20 21

This is to certify that,

Mr./Ms. Jakikove Shantkumar Rejendres.
has satisfactorily completed the project entitled

K-S and J-K Hip- flop

as prescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur for B. Sc. III course during the academic year 2011-2011

Teacher Incharge

	-
Exam. Seat No.	

#### ।। ओ३म्।। तमसो मा ज्योतिर्गमय

Damani Bhaisusatan Fathchand
Dayanand College of Arts & Science, Solapur.



Department of Physics

• Certificate •

Date: 17/6 / 2022

This is to certify that,

TTTTTPPPPPPPPPPPPPPPPPPPP

Mr. /Ms.: Dhuroshetti, Haritar, Rathod, Kore, Hamaji, Bondichode

Roll No: \_\_\_\_\_has completed the "Project" as required in B. Sc. III (Physics) course prescribed by P.A.H. Solapur University, Solapur for the academic year 2021-22.

Teacher in charge

Head of Department

Examiner



#### ।। ओ३म्।। तमसो मा ज्योतिर्गमय

तमसो मा ज्योतिर्गमय Exam Seat No.: १११०६९

#### D. B. F. Dayanand College of Arts & Science, Solapur.



Department of Physics

Certificate

Date: / /20

This is to certify that,

Mr./Ms. Chendake Varsharan Shivshan has satisfactorily completed the Project Entitled/Educational Tour to

as prescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur mell for B. Sc. III (Physics) course during the academic year 2021-2022

Teacher In charge

#### ।। ओ३म्।। तमसो मा ज्योतिर्गमय Exam Seat No.:

### D. B. F. Dayanand College of Arts & Science, Solapur.



Department of Physics

Certificate

Date: 07/06/2022

This is to certify that,

Mr./Ms. Shinge, Pore, Kambale, Bhoge, Birajdar satisfactorily completed the Project Entitled/Educational Tour to

ON DUTY CYCLE (D) OF ASTABLE IC SSS

esprescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur for B. Sc. III (Physics) course during the academic year 2021-20 22.

Teacher In charge

#### ।। ओइप्।। तमसो मा ज्योतिर्गमय Exam Seat No.:

### D. B. F. Dayanand College of Arts & Science, Solapur.



Department of Physics

Certificate

Date: 10/06/2022

This is to certify that,

Mr./Ms. M.A. kanaki, M.S. Kore, A.G. Biraclar, Swanne & has satisfactorily completed the Project Entitled/Educational Tour to Bhimne

Study on characterization of material by Hall Effect as prescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur

for B. Sc. III (Physics) course during the academic year 202 - 2022

Teacher In charge

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#### ।। ओ३म्।। तमसो मा ज्योतिर्गमय Exam Seat No.:

### D. B. F. Dayanand College of Arts & Science, Solapur.



Department of Physics

#### Certificate

Date: /20

This is to certify that,

Mr./Ms. Shrikont Kamesh Mane

has satisfactorily completed the Project Entitled/Educational Tour to

Surface tension of soap Solution

as prescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur for **B. Sc. III** (Physics) course during the academic year 2021-202?

Teacher In charge

28/6/02 Head of Department

#### ।। ओ३म्।। तमसो मा ज्योतिर्गमय Exam Seat No.:

#### D. B. F. Dayanand College of Arts & Science, Solapur.



Department of Physics

#### Certificate

Date: 24 /0 5/20 22

This is to certify that,

V V Borrade = = sonowate, A M These, Mr./Ms. - - 11 - 200 - 1 - fathod IA R. Gawade has satisfactorily completed the Project Entitled/Educational Tour to Led Method as prescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur

for B. Sc. III (Physics) course during the academic year 2021-2022

Teacher In charge

Exam. Seat No.

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## तमसो मा ज्योतिर्गमय

Dumani Bhaiswsalan Fatekhand

Dayanand College of Arts & Science, Solapur.



Department of Physics

Certificate

Date: / /2021

Mr. /Ms.: This is to certify that,

Rushi leagh Dinesh

Roll No:\_ academic year 2021-22. (Physics) course prescribed by P.A.H. Solapur University, Solapur for the has completed the "**Project**" as required in B. Sc. III

Teacher in charge

Head of Department

Examiner



### ।। ओ३म्।। स्सो मा ज्योतिर्गम

तमसो मा ज्योतिर्गमय Exam Seat No .: 917578

# D. B. F. Dayanand College of Arts & Science, Solapur.



Department of Physics

Certificate

Date: 13/06/2022

This is to certify that,

has satisfactorily completed the Project Entitled/Educational Tour to

as prescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur Sunthesis of Nickelferite (Nife, Oa) by solid slate for B. Sc. III (Physics) course during the academic year 2011-20 22

Teacher in charge

30.06.77 Head of Department



#### Student Projects

	B.Sc. III Zoology 2020-	2021	Title of project	Roll No
Sr. No.	Name of Guide	Name of Student	Animal behaviour of Indian	5353
	Prof Dama L.B	MOHITE PRADNYA PRABHAKAR	pigeon  Different bird species in college	5202
1	Prof Dama L.B	GAIKWAD RUPESH NILKANTH	campus	5153
2	Prof Dama L.B	GADAGI SOUNDARYA PRAKASH	Study of Blood groups	5152
3	Prof Dama L.B	GAIKWAD PRIYANKA VITTHAL	Study of drossophilla culture Study of the laughing dove and	5209
	Prof Dama L.B	GAJUL ANJALI BALRAJ	feding behaviour Study of Diversity of Butterfly in	5205
5	Prof Dama L.B	THELE GANESH NANDKUMAR	Solapur(MH) India	5122
7	Prof Dama L.B	MUDHOLKAR TRUPTI RAJU PERAL NIKITA VYANKATRAJU	Study of insects Zooplankton biodiversity of	5263
8	Prof Dama L.B		sambhaji lake district, Solapur Study of pigeons in city	5166
9	Prof Dama L.B Prof.Shagalolu.V.V	PATEL QUDSIYA CHAND AKADE PRATIKSHA SUDHIR	Fish migration	5163
10		CHHATRABANDH RUSHIKESH	Medicinal use of honey	5310
11	Prof.Shagalolu.V.V	MAHESH DONTUL AAKANKSHA	Study of rock pigeons	5158
12	Prof.Shagalolu.V.V	LAXMIKANT JAMADAR TABASSUM		5254
13	Prof.Shagalolu.V.V	DASTAGIR  JALKOTE LAXMI BASVANT	Poultry Management Study of DNA	5162
14	Prof.Shagalolu.V.V Prof.Shagalolu.V.V	SAMBHARAM AMANI	Blood group	5304
15		RAMKRUSHNA GANGANE ANUJA RAVINDRA	Mendilian genetics the study of	5398
16	Prof.Shagalolu.V.V	HIROLI DIKSHA BASAWRAJ	heredity Body mass index	5169
17	Prof. Shagalolu.V.V Prof. Dawale R.K	VITKAR VIDYA PRAKASH	Inheritance of earlobe Study of Inheritance of	5159
18	Prof. Dawale R.K	DHUMAKNALE SANJANA SUDESH	colourblindness	5406
19	Prof. Dawale R.K	KAVITKAR SHRUTKIRTI SHRIRANG	Sports diet and nutrition	5077
20	Prof. Dawale R.K	KATARMAL MINAKSHI SANJAY	Bee Keeping	5168
21	Prof. Dawale R.K	KADA SHARANABASAPPA	Indian Animals	5178
22 23	Prof. Dawale R.K	MAHADEV BELLE ATUL RAJKUMAR	Lac culture	5167



ZOOLOGY DEPARTMENT 1, B F Dovenand College Colors

24	Prof. Dawale R.K	BAGALE SANJANA APPASABHEB	Project on sunbird	5295
25	Prof. Dawale R.K	PATIL SONALI RAVINDRA	Aproject on Apiculture	5342
26	Prof. Dawale R.K	PATIL AVINASH PRAKASH	Dairy product	5125
27	Prof. Mushan L.C	SAWANT PRAGATI PRAKASH	Human blodd and its circulation	5318
28	Prof. Mushan L.C	CHAVAN NIRAJ BHIMRAO	Types of Butterflies found around my house area	5231
29	Prof. Mushan L.C	KONE AKASH AMBADAS	Life cycle of butterfly	5103
30	Prof. Mushan L.C	VHATKAR VAISHNAVI RAMESH	Study of chick egg	5182
31	Prof. Mushan L.C	KOLI KAVERI SHIVSHARAN	Structure of ear lobe	5176
32	Prof. Mushan L.C	KURLE AMBIKA RAJENDRA	Body mass index	5234
33	Prof. Mushan L.C	SHAMASHAPURE PRITI SANJAYKUMAR	Study ofblack ant	5248
34	Prof. Mushan L.C	QAZI MUSKAN AKEEL	Types of Fishes in Solapur	5161
35	Prof. Mushan L.C	MANTHALKAR SANKET SIDRAM	Blood group test	5170
36	Prof.Shagalolu.V.V	FULPATI PRANATI SHRINIVAS	Study of Pholcus phalangioides(Spider)	5264
37	Prof.Shagalolu.V.V	SUNCHU LAVANYA SUDARSHAN	Kidney function test	5219
38	Prof Dawale Rk	Shoutika Balaji Arkam	study of Peacock	515



ZOOLOGY DEPARTMENT

J. B. F. Davanand College. Solapu-



### D.B. F. Dayanand College of Arts and Science, Solapur Department of Zoology

#### Certificate

Date: 26/05/2022

This is to	certify that Skr	Kum Pradnya Prabhakar Mohite	
Roll No.	5353	has satisfactorily completed the Project entitled	
mana armana a		inimal behaviour of Indian pigeon	
			1.10

at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during the year 2021-2022.

Teacher In-Charge

26/05/2012

Examiner

Head of the Department

ZOOLOGY DEPARTMENT

O. B F Trivonage College, Soland

29/6/2022



## Certificate

Department of Zoology

S		Roll No.	This is to
lege &		Roll No: 5202	certify th
pliege Compus			at Shri / Ky
	Differe	has satisfactorily completed the Project entitled:	This is to certify that Shri / Kum Jaikwad Bupesh Wilkows
V	Different Bised Species in	ictorily com	wood for
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Part III, as prescribed by P. A. H. Solapur University, Solapur, during

the year 2021-2022

Teacher In-Charge

ZOOLOGY DEPARTMENT Head of the Benglisment 29/18/2012

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D.B. F. Dayanand College of Arts and Science, Solapur Department of Zoology

## Certificate

2/06/201

Roll No. This is to certify that Shfr7 Kum\_ has satisfactorily completed the Project entitled Soundonya nadagi

Schoel study of 四日中 do

the year 2021-2022 at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

Teacher In-Charge





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ZOOLOGY DEPARTMENT

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# D.B. F. Dayanand College of Arts and Science, Solapur

## Department of Zoology

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Date

 Strick PLD	) - - -	Roll No.	This is to o
 Stycy of Descophila Callage	A	2152	certify that Shri7
Coulture		has satisfactorily con	This is to certify that Shri7 Kum Psiyonkq
		has satisfactorily completed the Project entitled	without marketical
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the year 2021-2022. at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

Teacher In-Charge

Examiner

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ZOOLOGY DEPARTMENT

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## D.B. F. Dayanand College of Arts and Science, Solapur Department of Zoology

### Certificate

Date: 27.6.22

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viox	ly 0.6 H	5209	certify that SI
behaviar	study of the laughing Dove & recainy	has satisf	This is to certify that Shri / Kum Anjali Balvaj Graje
	ng. Dave	factorily comp	jali Bah
	K TEED	has satisfactorily completed the Project entitled:	ed crafter
	н.у.у	ect entitled:	

the year 2021-2022. at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

Teacher In-Charge

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Examiner 29/6/22

Head of the Department
HEAD OF THE
ZOOLOGY DEPARTMENT

O. B. F. Dayanand College, Solapu:
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## Department of Zoology

### Certificate

Date: 27-6.2022

2022. as prescribed by P. A. H. Solapur University, Solapur, during the year 2021-Roll No. 52.05 has satisfactorily completed the Study tour at B.Sc. / / WIII This is to certify that Shri / Kum Thele About Butter flies Ganesh NandKumar

Teacher in-Charge



Head of the Department

ZOOLOGY DEPARTMENT

3. B. F. Davanang College, Solapu

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# Department of Zoology

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Study of Insects

the year 2021-2022 at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

Teacher In-Charge

Johalal







## Department of Zoology

### Certificate

Date: 17 / 06 / 2012

Solar	Sook	Roll No.	This is to
Solapur"	"Zooplankton biodiversity of Sambhaji Lake Vistrict	5263	This is to certify that Spri / Kum Nikita Vyaakatnaju Penal
	oiodivess	has sa	Spri / Kum_]
	ity of s	atisfactorily c	Noteta 1
	ambhaj.I.	has satisfactorily completed the Project entitled	yenkata
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the year 2021-2022 at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

Teacher In-Charge

LooLogy Department
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## Department of Zoology

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	This is to certify that office your conditions and the conditions are the conditions and the conditions are the conditions and the conditions are	This is to certify that Shri / Kum Quassiya Chand Pate.	The Design of the Project entitles	
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the year 2021-2022 at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

Teacher In-Charge

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Hadd of the Deprement 2001 OGY DEPARTMENT B. F. Davanand College, Solanova Unaharlo

29/18/22



## Department of Zoology

Certificate

Date: 29-06 -2021

This is to certify that Shri / Kum\_

\_has satisfactorily completed the Study tour at B.Sc. ♣/44/III

as prescribed by P. A. H. Solapur University, Solapur, during the year 2021.

FISK Migration Project.

Teacher In-Charge

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## D.B. F. Dayanand College of Arts and Science, Solapur Department of Zoology

### Certificate

*	Roll No.	This is t
Tedi Liney	Roll No. S310	o certify that Sh
* Medicinal Uses of honey +	has satisfactorily completed the Project entitled	This is to certify that Shri / Kum CHHATRABANDH R. F7

the year 2021-2022 at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

Teacher In-Charge

Examiner

Hear AFERS DEPARTMENT ZOOLOGY DEPARTMENT J. B. F Daymon College. Solabore

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# D.B. F. Dayanand College of Arts and Science, Solapur

Department of Zoology

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that Shri /
Kum
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a laxmika
7

Stud	Roll No.
of of	\$158
rack pigeons	has satisfactorily completed the Project entitled:
88	-

the year 2021-2022 at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

Teacher In-Charge

Examiner



Head of the Department
ZOOLOGY DEPARTMENT
3. B. F. Daving College Solary



# Department of Zoology

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	Dastagir Jamada

The year 2021-2022 at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

Teacher In-Charge

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Head of the Department Head of the Department Zoology DEPARTMENT THE ZOOLOGY DEPARTMENT OF DEPARTMEN



Department of Zoology

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This is to certify that Shri / Kum Laxmi Basuant

Roll No. 5162 has satisfactorily completed the Study tour at B.Sc. 1 / I / IIII as prescribed by P. A. H. Solapur University, Solapur, during the year 2021-

122. - DNA Project.

Teacher In-Charge

Example



Head of the Department HEAD OF THE ZOSTOGY DEPARTMEN.

7. B. F. Davanard College. Solapu.

Examiner

7.3 6 2022

## Guide Shagalolu, VV.

Exam Seat No 91934/



# D.B. F. Dayanand College of Arts and Science, Solapur

Department of Zoology

Certificate

29/06/2022

is to sertify that Silva Kum Sambharam Aman'i Ramkawhaa

as prescribed by P. A. H. Solabui University is strong the re-Row No. 5364 has satisfactorily completed the Study tour at E.Sc B100d Project

Teacher Charge

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Department of Zoology

## Certificate

- III	ROII No	This is to
es dilles	5398	certify that Sh
Genetics CT	has satisfactorily of	1/ Kum Grangane
Mendillan Genetics CThe study of	has satisfactorily completed the Project entitled	This is to certify that Shri/ Kum Grangane Anuja Ravind and

the year 2021-2022. at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

Teacher In-Charge

0. B F. Davanaud College, Solani ZOOLOGY DEPARTMENT Head left be paparment ualator -Example 12 02 2



Department of Zoology

Certificate

Date: 2 6

This is to certify that Shri / Kum\_ Diksha Basanlaser

as prescribed by P. A. H. Solapur University, Solapur, during the year 2021-5/69 has satisfactorily completed the Study tour at B.Sc. 11/11/11

2022.

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Teacher In-Charge

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3. B. F. Davanand College, Solapes ZOOLOGY DEPARTMENT

1/6/2017



## D.B. F. Dayanand College of Arts and Science, Solapur Department of Zoology

### Certificate

Date: 30/05/2022

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Prakash

Roll No.	
6515	
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Inheritance of earlobe

the year 2021-2022	at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during	
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Teacher in Charge

ZOOLOGY DEPARTMENT Head of the pepartment Exacine or



## D.B. F. Dayanand College of Arts and Science, Solapur Department of Zoology

## Certificate

6 22

Roll No. This is to certify that  $Sh/ri / Kum_$ 2406 Sanjana

Inheritance has satisfactorily completed the Project entitled

at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during the year 2021-2022 olourblind ness

Teacher in-Charge



Head of the Department ZOOKOGY DEPARTMENT N. B. & Dissand Bullings. Science Examiner 24/6/2027

## CERTIFICATE

### B.F DAYANAND COLLEGE OF ARTS AND SCIENCE SOLAPUR

DEPARTMENT OF ZOOLOGY

Date: 39/5/2022

This is to certify that Miss KAVITKAR S.S. Roll no. 5077

2021-2022. by the P. A. H. Solapur University, Solapur, during the Year Satisfactory completed the Project entitled: Sports Diet & Nutrition. Term paper in Zoology. At B.Sc. part III as prescribed

Teacher in charge.

Head of Department

ZOOLOGY DEPARTMENT

Examiner.

2 45 464



Department of Zoology

Certificate

2022
the year 2021-
as prescribed by P. A. H. Solander I billions to Selection
1) XIVI
Roll No. 5168 has satisfactorily completed the Study tour of B South And
This is to certify that Shri Kum katarmal Minakshi Saniav

Teacher In-Charge

Head output Department ZOOLOGY DEPARTMENT

Jakalos

25/16/2022



## Department of Zoology

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Date

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has satisfactorily completed the Project entitle	
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This is to certify that Shri / Kum

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the year 2021-2022 at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

Teacher In-Charge

ZOOLOGY DEPARTMENT Head of the Department f. Onvanant College, Solanu

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## Department of Zoology

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the year 2021-2022 at B Sc. Part III, as prescribed by P. A. H. Solapur University. Solapur, during

Teacher In-Charge

Example







## Department of Zoology

Certificate

Date:

	Roll No.	This is to
Project - sunbird CB	5295	This is to certify that Shri / Kum Bayale Sanjand Appalheb
- Sun)		/ Kum Bag
oird Cather	torily completed	ale 8 anjano
Project - sunbird (Bluebto)	has satisfactorily completed the Project entitled	Appasheb

the year 2021-2022 at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

Teacher In-Charge



J. B. F. Davanand College, Solanus head picklig op eppertment ZOOLOGY DEPARTMENT

29/16/2022



# D.B. F. Dayanand College of Arts and Science, Solapur Department of Zoology

## Certificate

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at B.Sc. the year 2021-2022 Fart III, as prescribed by P. A. H. Solapur University, Solapur, during



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# D.B. F. Dayanand College of Arts and Science, Solapur Department of Zoology

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ZOOLOGY DEPAR WENT	Head of the Department		>	B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

25/2/2/2022



D.B. F. Dayanand College of Arts and Science, Solapur

# Department of Zoology

Certificate

Date

22

Roll No This is to certify that Shri / Kum Nawant has satisfactorily completed the Project entitled

Human Blood and THS Circulation

the year 2021-2022 at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

Teacher In-Charge



Head NEAR Department
ZOOLOGY DEPARTMENT
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29/6/2022



# D.B. F. Dayanand College of Arts and Science, Solapur

# Department of Zoology

Certificate

Date

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the year 2021-2022 at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

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Head of the Department 2001 CGY DEPARTMENT 1.8 F Davinand Collage, Solabu.



# D.B. F. Dayanand College of Arts and Science, Solapur Department of Zoology

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the year 2021-2022 at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

Teacher In-Charge



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Examiner



# D.B. F. Dayanand College of Arts and Science, Solapur Department of Zoology

# Certificate

Date:

the year 2021-2022	at B.Sc. Pa		Roll No.	This is to
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0	at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during	chick Egg	has satisf	This is to certify that Shri/Kum_Vaishnavi Ramesh Vhalkar
١,	H. Solapur U	S 9	has satisfactorily completed the Project entitled:	Shnevi Ro
9	niversity, Sola		leted the Proj	umesh Vho
	ipur, during		ect entitled:	Hkar

Teacher In-Charge

J. B. F. Davanged College, Solabus

TOOLOGY DEPARTMENT



D.B. F. Dayanand College of Arts and Science, Solapur

Department of Zoology

Certificate

06/2012

his is to certify that Shri / Kum\_ Kavel

Roll No. has satisfactorily completed the Project entitled

the year 2021-2022. at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

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# D.B. F. Dayanand College of Arts and Science, Solapur

# Department of Zoology

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Head offthe Bepartment
ZOOLOGY DEPARTMEN

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Examiner ...



# D.B. F. Dayanand College of Arts and Science, Solapur Department of Zoology

# Certificate

Date: 27-6-22

This is to certify that Shri / Kum Shannashapure has satisfactorily completed the Project entitled

the year 2021-2022 at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

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# D.B. F. Dayanand College of Arts and Science, Solapur

Department of Zoology

# Certificate

Date: 20/5/2022

This is to certify that Shri / Kum Muskan Akeel Quzi

Roll No has satisfactorily completed the Project entitled.

Shes in Solapur

the year 2021-2022 at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

Teacher In-Charge



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# D.B. F. Dayanand College of Arts and Science, Solapur

# Department of Zoology

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Head State Department
ZOOLOGY DEPARTMENT
1. B. F. Davanand College, Store,
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Exam Seat No 917069



D.B. F. Dayanand College of Arts and Science, Solapur

Department of Zoology

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# Certificate

2022

Roll No.	
5264	
has satisfactorily	
completed the F	
the Project entitled:	
entitled:	

This is to certify that Shri / Kum

of Pholous phalangioides (spider

at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during

the year 2021-2022

Teacher In-Charge







D.B. F. Dayanand College of Arts and Science, Solapur

Certificate

Department of Zoology

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Date: 2 3

This is to certify that Shhi / Kum Sunchu lawanya Sudaeshow

Roll No.  $\leq 2_{-}9$  has satisfactorily completed the Study tour at B.Sc. / 1/1/11 as prescribed by P. A. H. Solapur University. Solapur, during the year 2021--Kidney Function Test.

Teacher In-Charge

Head of EAR GRANE There walaclac

J. B. F. Dayanand College, Solapu ZOOLOGY DEPARTMENT John

29/6/2012



# D.B. F. Dayanand College of Arts and Science, Solapur Department of Zoology

# Certificate

Date: 29 - 6 -

has satisfactorily completed the Project entitled: Balaji Hakam This is to certify that Spri / Kum Shrufika Roll No.

Eacock (Pavo Cristatus Study

N. P

at B.Sc. Part III, as prescribed by P. A. H. Solapur University, Solapur, during the year 2021-2022

Teacher In-Charge

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# DBF Dayanand collage of Arts and science, Solapur



### **Department of Electronics**

# **CERTIFICATE**

Date: 29-06-2012

This is to certify that,

4 44 5	2 20 20 10 10 10	
<ol> <li>Mr.Pruthvira</li> </ol>	j Kondiba Pol	Roll No :- 505

Class:- **Bsc III**, have completed a project – **Motion Detection Alarm And Security Systems** as part of syllabus by Solapur during the year 2021-22.

Teacher

In – charge

Examination

Head of

Department

# DBF Dayanand collage of Arts and science, Solapur



### **Department of Electronics**

### **CERTIFICATE**

Date:- 29/06/22

This is to certify that,

1. Mr.Pranay Ambadas Chirlanchi Roll No :- 5092

2. Mr.Pramod shriniwas Irabatti Roll No :- 5284

3. Mr.Onkar Dharmendra Mohite Roll No :- 5312

4. Mr.Madhur Yashwant Nili Roll No :- 5282

Class:- **Bsc III**, have completed a project – **Home Automation** as part of syllabus by Solapur during the year 2021-22.

Teacher

In - charge

Lomation

2006

Examination

Head of

Department

### June - 2022

# D.B.F. DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



# DEPARTMENT OF GEOGRAPHY CERTIFICATE

Date:30/06/2022

This is to certify that Sh/ri / Kum. BACHUTE R.D. Class M.A./M.Sc.II, Exam. Seat No. 713449 has satisfactorily carried out the required project in Geographyunder the guidance of Dr. M. G. Lavate, as prescribed by the P. A. H. Solapur University, Solapur during the year 2021-2022.

Teacher in Charge

Head of Department

# D.B.F. DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



# DEPARTMENT OF GEOGRAPHY CERTIFICATE

Date:30/06/2022

This is to certify that Shri / Kum. Yerwade Pratiksha

Class M.A./M.Sc.II, Exam. Seat No. 712722 has satisfactorily carried out the required project in Geography under the guidance of Dr. V. C. Dande, as prescribed by the P. A. H. Solapur University, Solapur during the year 2021-2022.

Teacher in Charge

Head of Department

Examiner

# DBF DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



# CERTIFICATE

This is to certify that Mr./Miss Sonkawade Ajinkya Hiralal has satisfactorily completed a project entitled "DELINEATION OF FLOOD HAZARD ZONES IN SAVITRI RIVER BASIN" for the partial fulfilment of the course, "Certificate course in Geoinformatics" for the academic year 2021-22.

Head

Geology department

DBF Dayanand College
of Arts and Science, Solapur
Head of Geology Department
D.B.F. Dayanand College of Arts & Science,
SOLAPUR-413002,

# DBF DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



# CERTIFICATE

This is to certify that Mr./Miss <a href="Dhengale Darshana Maruti">Dhengale Darshana Maruti</a> has satisfactorily completed a project entitled "DELINEATION OF FLOOD HAZARD ZONES IN SAVITRI RIVER BASIN" for the partial fulfilment of the course, "Certificate course in Geoinformatics" for the academic year 2021-22.

Geology department

DBF Dayanand College

of Arts and Science, Solapur

Head of Geology Department

D.B.F. Dayanand College of Arts & Science,

SOLAPUR-413002.

# DBF DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



## CERTIFICATE

This is to certify that Mr./Miss Waghmare Onkar Satisfactorily completed a project entitled "DELINEATION OF FLOOD HAZARD ZONES IN SAVITRI RIVER BASIN" for the partial fulfilment of the course, "Certificate course in Geoinformatics" for the academic year 2021-22.

Head

Geology department

DBF Dayanand College
of Arts and Science, Solapur
Head of Geology Department
D.B.F. Dayanand College of Arts & Science,
SOLAPUR-413002.

# DBF DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



# CERTIFICATE

This is to certify that Mr./Miss Pogul Dipika Prabbakar has satisfactorily completed a project entitled "DELINEATION OF FLOOD HAZARD ZONES IN SAVITRI RIVER BASIN" for the partial fulfilment of the course, "Certificate course in Geoinformatics" for the academic year 2021-22.

Geology department

DBF Dayanand College
of Arts and Science, Solapur
Weed of Geology Department

B.B.F. Dayanand College of Arts & Science, SOLAPUR-413002.

# DBF DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



# CERTIFICATE

This is to certify that Mr./Miss Begade Sameer Sikandar has satisfactorily completed a project entitled "DELINEATION OF FLOOD HAZARD ZONES IN SAVITRI RIVER BASIN" for the partial fulfilment of the course, "Certificate course in Geoinformatics" for the academic year 2021-22.

Geology department

DBF Dayanand College
of Arts and Science, Solapur
Wood of Geology Department
D.B.F. Dayanand College of Arts & Science,
SOLAPUR-413002.

# DBF DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



# CERTIFICATE

This is to certify that Mr./Miss Mashalkar vidya Anil has satisfactorily completed a project entitled "DELINEATION OF FLOOD HAZARD ZONES IN SAVITRI RIVER BASIN" for the partial fulfilment of the course, "Certificate course in Geoinformatics" for the academic year 2021-22.

Head

Geology department

DBF Dayanand College

of Arts and Science, Solapur

Head of Geology Department

D.B.F. Dayanand College of Arts & Science,

SOLAPUR-413002.

# DBF DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



# CERTIFICATE

This is to certify that Mr./Miss Rathod Abhishek Ashok has satisfactorily completed a project entitled "DELINEATION OF FLOOD HAZARD ZONES IN SAVITRI RIVER BASIN" for the partial fulfilment of the course, "Certificate course in Geoinformatics" for the academic year 2021-22.

Head

Geology department

DBF Dayanand College

of Arts and Science, Solapur
Head of Geology Department
D.B.F. Dayanand College of Arts & Science,

SOLAPUR-413002.

# DBF DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



# CERTIFICATE

This is to certify that Mr./Miss Majal Akash Bhima has satisfactorily completed a project entitled "Best probable sites for wind farms for electricity generation in Ratnagiri coastal region." for the partial fulfilment of the course, "Certificate course in Geoinformatics" for the academic year 2021-22.

Geology department

DBF Dayanand College
of Arts and Science, Solapur

Hend of Geology Department
D.B.H. Dayanand College of Arts & Science,
SOLAPUR-413002.

# DBF DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



# CERTIFICATE

This is to certify that Mr./Miss <u>Chilka charan Amar</u>
has satisfactorily completed a project entitled "Best probable sites for wind farms for electricity generation in Ratnagiri coastal region." for the partial fulfilment of the course, "Certificate course in Geoinformatics" for the academic year 2021-22.

Head
Geology department
DBF Dayanand College
of Arts and Science, Solapur
Hond of Geology Department
D.U.F. Dayanand College of Arts & Science,
SOLAPUR-413002.

# DBF DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



# CERTIFICATE

This is to certify that Mr./Miss Danane Sourabh Manoj has satisfactorily completed a project entitled "Best probable sites for wind farms for electricity generation in Ratnagiri coastal region." for the partial fulfilment of the course, "Certificate course in Geoinformatics" for the academic year 2021-22.

Geology department

DBF Dayanand College
of Arts and Science, Solapur
Head of Geology Department
D.B.F. Dayanand College of Arts & Science,
SOLAPUR-413002.

# DBF DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



# CERTIFICATE

This is to certify that Mr./Miss Kinagi Basavaraj Rajkumar has satisfactorily completed a project entitled "Best probable sites for wind farms for electricity generation in Ratnagiri coastal region." for the partial fulfilment of the course, "Certificate course in Geoinformatics" for the academic year 2021-22.

Geology department

DBF Dayanand College

of Arts and Science, Solapur
Head of Geology Department

DB.F. Dayanand College of Arts & Science,

SOLAPUR-413002.

# DBF DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



# CERTIFICATE

This is to certify that Mr./Miss Konda Snehal Anil has satisfactorily completed a project entitled "Best probable sites for wind farms for electricity generation in Ratnagiri coastal region." for the partial fulfilment of the course, "Certificate course in Geoinformatics" for the academic year 2021-22.

Head

Geology department

DBF Dayanand College

of Arts and Science, Solapur

Head of Geology Department

D.B.F. Dayanand College of Arts & Science,

SOLAPUR-413002,

# DBF DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



# CERTIFICATE

This is to certify that Mr./Miss Hanchate Rutuja Nagesh has satisfactorily completed a project entitled "Best probable sites for wind farms for electricity generation in Ratnagiri coastal region." for the partial fulfilment of the course, "Certificate course in Geoinformatics" for the academic year 2021-22.

Geology department
DBF Dayanand College

of Arts and Science, Solapur

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D.B.F. Dayanand College of Arts & Science,

SOLAPUR-413002.

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### CERTIFICATE

D.B.F.Dayanand College of Arts and Science Solapur.

### **BOTANY DEPARTMENT**

Date: -21/06/2029 2

This is a certified that, Miss. Jadhav Gayatri Ganpat Roll No. 5189

has satisfactorily completed required horticulture term paper on

BONSAI PLANT in BOTANY.

As prescribed by the

P.A.H.SOLAPUR UNIVERSITY, SOLAPUR

for B.Sc.PART.III during

the year 2021- 22.

Guide in Charge Head of Department

**Examiner** 

NO



# Damani Bhairuratan Fatechand Dayanand college of Arts and Science, Solapur

### **Botany Department**

Date: / /2022

These is certified that, Miss. Prachi Anil Giram roll no. 5341 has satisfactorily completed required Ornamental Flower Plants in Botany as prescribed by the Solapur University, for B.Sc. - part during the year- 2021-2022.

Teacher in charge

14/0/2020

Head of Department

Examiner



### CERTIFICATE



### DAMANI BHAIRURATAN FATECHAND DAYANAND COLLAGE OF ARTS AND SCIENCE SOLAPUR.

### BOTANY DEPARTMENT

This is Certified That Mr.Riyaz Nabilal Mulani Roll No.5397 Exam Seat No.917370. Has Satisfactorily completed Required Foliage Plants in Botany has prescribed by the Solapur University, Solapur For BSc -Part III During Year 2021-2022

25/06/2022 Teacher in Charge
Completion

**Head of Department** 

Examiner

### CERTIFICATE

### D.B.F.Dayanand College of Arts and Science Solapur.

### BOTANY DEPARTMENT

Date: - 23/6/2022

This is a certified that, Mr. Ujjwal Ashok Sonkamble. Roll No.- 5022 has satisfactorily completed required Project on Cactii & Succulents in BOTANY. As prescribed by the Punyashlok Ahilyadevi Holkar SOLAPUR, UNIVERSITY-SOLAPUR for B.Sc. PART-III During the year 2021-22.

2014

Guide – In – Charge

Head Of Department

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Damini Bhairuratan Fatehand

Dayanand College Of Arts & Science, Solapur

# CERTIFICATE

Date

This is to certify that Mr. KONDA VINIT SANJAY Roll no. 5292 has satisfactory completed project of inorticulture term paper by the botany Department of D.B.F Dayanand college of Arts & Science, solapur for Bsc III during the year 2021-22.

Teacher in charge

Dank

Head of Department



Examiner



Damini Bhairuratan Fatehand

Dayanand College Of Arts & Science, Solapur

### **CERTIFICATE**

Date 25.06.2022

This is to certify that Mr. AKASH NARSINGRAO TALKOKUL Roll no. 5285 has satisfactory completed project of Horticulture term paper by the botany Department of D.B.F Dayanand college of Arts & Science, solapur for Bsc.lll during the year 2021-22.

25/06/2012 Teacher in charge

- 3104

Head of Department







Damini Bhairuratan Fatehand

Dayanand College Of Arts & Science, Solapur

# CERTIFICATE

Date 25 06 2022

This is to certify that Mr.Mangalpalli Rohit Prabhakar Roll no. 5253 has satisfactory completed project of Horticulture term paper by the botany Department of D.B.F Dayanand college of Arts & Science, solapur for Bsc.lll during the year 2021-22.

25 | 06 | 2022. Teacher in charge

Examiner

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Head of Department

# Damani Bhairuratan Fatechand Dayanand college of Arts and Science, Solapur.

#### **Botany Department**

Date:

These is certified that Miss. KANKI. S.P. roll no. 5243 has satisfactorily completed required Flowering Plants in Botany as prescribed by the Solapur University, for BSC- part 3 during the year- 2021-2022.

Teacher in charge

unal

Head of department



Damani Rhairuratan Fatechand

Dayanand college of Acts and Science

Solapae

### Botany Department

Date 21/4 /2022

These is certified that, Miss. Shivani Sanjiv Shinde roll no. 5335 has satisfactorily completed required Ornamental Flower Plants in Botany as prescribed by the Solapsus University, for B.Sc. - part during the year- 2021-2022.

By 6122

Teacher in charge

Jan 202-

Head of Department



# Damani Bhairuratan Fetechand Dayanand College Of Art's and Science, Solapur.

# **Botany Department**

Date: 4 / 6 /2022

Head of department

This is certified that Miss. <u>Kamble P.U.</u> roll no. <u>5240</u> has satisfactorily completed required <u>Endemic Plant Of Maharashtra</u> in Botany as prescribed by the Solapur University, solapur for BSC – part III during the year- 2021- 2022

Teacher in charge



# Damain Bhairmatan Esterhand

# Dayanand Collage of Arts and Science

Solapen

Botany Department

Onte Mall 2023

This Is Certified That Miss Shaikh Humera Roll No. 5326 Has Satisfactority Completed Required Ornamental plants in Botany as Prescribed by the Solapur University, Solapur For BSC -Part III During Year 2021-2022

Teacher in Charge.

Examiner

1988

Head of Department



D.B.F.Dayanand College of Arts and Science Solapur.

#### **BOTANY DEPARTMENT**

Date:- / /2020

This is a certified that, Miss. Netke sneha. Dayandev Roll No 5195 has satisfactorily completed required horticulture term paper on BONSAI PLANT in BOTANY. As prescribed by the P.A.H.SOLAPUR UNIVERSITY, SOLAPUR for B.Sc.PART. during the year 2021- 22.

Guide

**Head of Department** 



# DAMANI BHAIRURATAN FATECHAND DAYANAND COLLAGE OF ARTS AND SCIENCE SOLAPUR.

#### **Botany Department**

Date:23/6/2022

This Is certified that Miss Shaikh Asima Arif Roll No. 5172 Has Satisfactorily Completed Required Catci and Succulents Plants in Botany as Prescribed by the Solapur University, Solapur For BSC –Part III During Year 2021-2022

Teacher in Charge.

Head of botany

Department



D.B.F.Dayanand College of Arts and Science Solapur.

# **BOTANY DEPARTMENT**

Date:- 1/6/2022

This is a certified that, Miss. Channa S.S. Roll No.5188 has satisfactorily completed required horticulture term paper on BONSAI PLANT in BOTANY. As prescribed by the P.A.H.SOLAPUR UNIVERSITY, SOLAPUR for B.Sc. PART.III during the year 2021- 2022

**Guide** in Charge

**Head of Department** 

**Examiner** 

3014



#### Damani Bhairuratan Fatechand

# Dayanand Collage of Arts and Science

Solapur.

#### Botany Department

Date:23/6/ 2022

This Is certified that Miss Kamble Shreya Raju. Roll No. 5173 Has Satisfactorily Completed Required Catci and Succulents Plants in Botany as Prescribed by the Solapur University, Solapur For BSC –Part III During Year 2021-2022

Du 22.622

Teacher in Charge.

Head of Department



# Dayanand college of art's and science Solapur

**Botany Department** 

Date: - 23 - 6 - 2022

This is certified that Miss Hirapure s.s roll no. 5256 has satisfactorily completed required Horticulture term paper in botany as prescribed by the Solapur University, solapur for B.Sc III during the year-2021-2022



# D.B.F. DAYANAND COLLEGE OF ART'S AND SCIENCE,

### BOTANY DEPARTMENT

Date: 24/6/22

This is certified that Miss. Jamdarkhane L.R. roll no. 5239 has satisfactorily completed required Endemic Plants Of Maharashtra in Botany as prescribed by Solapur University, solapur for B.sc - part III during the year-2021-22

Teacher in charge

Head of department



D.B.F.Dayanand College of Arts and Science Solapur.

# **BOTANY DEPARTMENT**

Date:- / /2022

This is a certified that, Miss. Yalasangi D.B. Roll No.5215 has satisfactorily completed required horticulture term paper on BONSAI PLANT in BOTANY. As prescribed by the P.A.H.SOLAPUR UNIVERSITY, SOLAPUR for B.Sc.PART.III during the year 2021- 2022.

Guide in Charge

**Head of Department** 



# D.B.F DA YANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR

#### **BOTONY DEPARTMENT**

Date - 33/5/2022

This is certified that Miss. Prathamshetti Aishwarya Ramesh Roll No. 5300 has satisfactorily completed required Oranamental Plant in Botany has prescribed by the Solapur University, Solapur for B.Sc part III during the year 2021-2022

Teacher In charge

Head of Department



# Damani Bhairuratan Fatechand

# Dayanand College Of Art's And Science,

Solapur.

# **Botany Department**

Date !/ 6/2022

:to

11

This is certified that Miss. Monika Vishwanath Kamble roll No.5317 has satisfactorily Completed required Ornamental Plants in Botany as prescribed By the Solapur university . Solapur for BSC - Part III

During the year 2021-2022.

**Teacher In Charge** 

**Head Of Department** 

**Examiner** 

1100



This is to certify that Adidya Anand Dudhale.
the student of Department of Mathematics D.B.F. Dayanand College of Arts &
Science, Solapur, has undertaken the project on
Parabola during semester-VI of the academic
year 2021-22. This data collection and analysis of work for preparing the project
has been carried out by the student of this College under Solapur University.
Solapur under the guidance of P.N. Channa
I am satisfied with his/her work.

Project Guide

Shri. B. S. Shivsharan Head, Department of Mathematics

Deportme delthematics (



This is to certify that ... Share. ... Characo. ... Paultoxing J. Agroado. ... , the student of Department of Mathematics D.B.T. Dayanand College of Arts. & Science. Solapur. has undertaken the project on ... EALOGE ... Deltailed. ... ... ... during semester-VI of the academic year 2021-22. This data collection and analysis of work for preparing the project has been carried out by the student of this College under Solapur University. Solapur under the guidance of ... Mist. ... Pans. ... charanac. ...

I am satisfied with his/her work.

Project Guide

Shri, B. S. Shivsharan Head. Department of Mathematics

Heart

This is to certify that Jadhan Malali Hananal
the student of Department of Mathematics D.B.F. Dayanand College of Arts & Science, Solapur, has undertaken the project on Hyperbola. (Delails
year 2021-22. This data collection and analysis of work for preparing the project
has been carried out by the student of this College under Solapur University, Solapur under the guidance of
I am satisfied with his/her work.

Project Guide

Shri. B. S. Shivsharan

Head,

Department of Mathematics

Department athematics, D.B.F. Cavanand College of Lits and Science Science



This is to certify that Change Esbilife Dhonderaup.....

the student of Department of Mathematics D.B.F. Dayanand College of Arts & Science. Solapur, has undertaken the project on Equation of Ciacle,

ellipse, hyperbola, Parabola in during semester-VI of the academic complex variable z.

year 2021-22. This data collection and analysis of work for preparing the project has been carried out by the student of this College under Solapur University. Solapur under the guidance of Mrs. A.R. Rahane.

I am satisfied with his/her work.

Shri B. S. Shivsharan

Head.

Section 1. The sectio
This is to certify that Chavan Ankita Vinad.
the student of Department of Mathematics D.B.F. Dayanand College of Arts &
Science. Solapur. has undertaken the project on
Subgroups during semester-VI of the academic
year 2021-22. This data collection and analysis of work for preparing the project
has been carried our by the student of this College under Solapur University.
Solapur under the guidance of Mrs. A.R. Rahane.
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I am satisfied with his her work.

Project Sinde



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This is to certify that	1.0903		

the student of Department of Mathematics D.B.F. Dayanand College of Arts & Science, Solapur, has undertaken the project on Homogeneous motor & Ego

I am satisfied with his/her work.

Shri. B. S. Shivsharan

Head



This is to certify that Kalthad Ruman h	2.12.2.12.0.
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the student of Department of Mathematics D.B.F. Dayanand College of Arts & Science, Solapur, has undertaken the project on Nam. Homogeneous. Matrix

I am satisfied with his/her work.

Project Guide



This is to certify that Ub ale Adiff Anof	
the student of Department of Mathematics D.B.F. Dayanand College of Arts	&
Science, Solapur, has undertaken the project on	
year 2021-22. This data collection and analysis of work for preparing the	ic ie
University, Solapur under the guidance of Miss. P.N. Chang	ır
I am satisfied with his/her work.	

Project Guide

Shri. B. S. Shivsharan Head, Department of Mathematics

Department of crackematics



This is to certify that
the student of Department of Mathematics D.B.F. Dayanand College of Arts &
Science, Solapur, has undertaken the project on
year 2021-22. This data collection and analysis of work for preparing the
project has been carried out by the student of this College under Solapur
University, Solapur under the guidance of
Lam satisfied with his/her work

Project Guide

Shri. B. S. Shivsharan Head, Department of Mathematics

Department of Mathematics, n.p.: Dayanani College of the unit Science in Science



This is to certify that NOGHMODE GANESH NAGNATH
the student of Department of Mathematics D.B.F. Dayanand College of Arts &
Science, Solapur, has undertaken the project on Ed cletinitor
year 2021-22. This data collection and analysis of work for preparing the
University, Solapur under the guidance of
I am satisfied with his/her work.

Project Guide

Shri. B. S. Shivsharan Head,

Department of Mathematics

Head,



This is to certify that Tondale Pradnya Uttam
the student of Department of Mathematics D.B.F. Dayanand College of Arts & Science. Solapur, has undertaken the project on
Mapping during semester-VI of the academic year 2021-22. This data collection and analysis of work for preparing the project
has been carried out by the student of this College under Solapur University.  Solapur under the guidance of Miss P.N. Charana.
I am satisfied with his/her work.

Project Guide

Shri, B. S. Shivsharan Head.



This is to certify that Asheo Ini Dhondiha Kawle "
the student of Department of Mathematics D.B.F. Dayanand College of Arts & Science. Solapur, has undertaken the project on
year 2021-22. This data collection and analysis of work for preparing the project
has been carried out by the student of this College under Solapur University Solapur under the guidance of Phleman.
Lam satisfied with his/her work.



This is to certify that Miss - Miredita K. Khair at . the student of Department of Mathematics D.B.F. Dayanand College of Arts & Science. Solapur, has undertaken the project on Standard functions & their graphs during semester-VI of the academic year 2021-22. This data collection and analysis of work for preparing the project has been carried out by the student of this College under Solapur University, Solapur under the guidance of Miss P.N. Chanca

I am satisfied with his/her work.



This is to certify that Pratiksha Babusaheb Susanc

the student of Department of Mathematics D.B.F. Dayanand College of Arts & Science, Solapur, has undertaken the project on Differentiability of Careatest Integer Function during semester-VI of the academic year 2021-22. This data collection and analysis of work for preparing the project has been carried out by the student of this College under Solapur University,

Solapur under the guidance of Shri B. S. Shivsharan

I am satisfied with his/her work.

Project Guide

Shri. B. S. Shivsharan Head.

Project Guide

Shri. B. S. Shivsharan Head,

Department of Mathematics



This is to certify that Shakh Suliya A Holmid
the student of Department of Mathematics D.B.F. Dayanand College of Arts'& Science, Solapur, has undertaken the project on Silver 2016
during semester-VI of the academic
year 2021-22. This data collection and analysis of work for preparing the project
has been carried out by the student of this College under Solapur University,
Solapur under the guidance of Shri R.S. Shiushaman.
Low satisfied with his/her work.

Project Guide

Shri. B. S. Shivsharan Head,

This is to certify that Raccha Vaishpavi Ashak
the student of Department of Mathematics D.B.F. Dayanand College of Arts & Science, Solapur, has undertaken the project on Science.
totio during semester-VI of the academic
year 2021-22. This data collection and analysis of work for preparing the project
has been carried out by the student of this College under Solapur University.
Solapur under the guidance of
I am eatisfied with his/her work

Project Guide

Shri. B. S. Shivsharan Head,





This is to certify that Vadaje Kanchana Shrimant
the student of Department of Mathematics D.B.F. Dayanand College of Arts &
Science. Solapur, has undertaken the project on
countable set during semester-VI of the academic
year 2021-22. This data collection and analysis of work for preparing the project
has been carried out by the student of this College under Solapur University,
Solapur under the guidance of Shri. B.S. Shivsharan.
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I am satisfied with his/her work.

Project Guide

Shri, B. S. Shivsharan Head, Department of Mathematics

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This is to certify that Nadaje Savitri Shankar
the student of Department of Mathematics D.B.F. Dayanand College of Arts &
Science. Solapur, has undertaken the project on
Set during semester-VI of the academic
year 2021-22. This data collection and analysis of work for preparing the project
has been carried out by the student of this College under Solapur University.
Solapur under the guidance of Shri B.S. Shivsharan
Lam satisfied with his/her work.

Project Guide



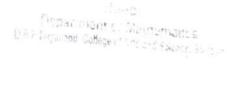
This is to certify that Skirkamar Gususham appa Ankian
the student of Department of Mathematics D.B.F. Dayanand College of Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the project on Arts & Science, Solapur, has undertaken the Arts & Science, Scien
year 2021-22. This data collection and analysis of work for preparing the project has been carried out by the student of this College under Solapur University, Solapur under the guidance of
I am satisfied with his/her work.

Project Guide



This is to certify that Probhovar Gavine Pandhaic the student of Department of Mathematics D.B.F. Dayanand College of Arts & year 2021-22. This data collection and analysis of work for preparing the project has been carried out by the student of this College under Solapur University, Solapur under the guidance of Shyi R.S. Shinsharan I am satisfied with his/her work.

Project Guide





# D.B.F. Dayanand College of Arts and Science, Solapur

#### **Department of Statistics**

#### B.Sc. III Student List (2021-22)

Sr.No.	Roll No.	Name of the Student
1	5452	BHURALE MALLINATH JAGDEV
2	5453	GATE NIKITA RANJEET
3	5454	SONAR KSHITEEJA UDAYKUMAR
4	5455	VADALAKONDA NAVINA MARKANDEYA
5	5457	BITLA ARVIND AMBADAS
6	5461	RAUL SNEHA ASHOK
7	5462	KALSAIT SWAPNALI SANJAY
8	5463	KHADLOYA KHUSHI LAXMIKANT
9	5464	JADHAV MEERA MAHADEV
10	5465	MULAJE VINOD PANDIT

#### Project Group 1:

- 1. Miss. KhushiLaxmikantKhadloya
- 2. Miss. Nikita Ranjeet Gate
- 3. Mr. MallinathJagdevBhurale
- 4. Miss. Swapnali SanjayKalsait
- 5. Mrs. MeeraMahadevJadhav

#### Project Group 2:

- 1. Miss. NavinaMarkandeyaVadalakonda
- 2. Miss. Sneha Ashok Raul
- 3. Miss. KshiteejaUdaykumar Sonar
- 4. Mr. Arvind AmbadasBitla
- 5. Mr. Vinod PanditMulaje



#### CERTIFICATE

This is to certify that the project report entitled "A Socio-Economic Status of Rural Population - An Employment Level Statistical Analysis" being submitted by the following group of students:

Miss. Khushi Khadloya, Miss. Nikita Gate, Mr. Mallinath Bhurale, Miss. Swapnali Kalsait & Mrs. Meera Jadhay

of DBF Dayanand College of Arts & Science, Solapur as a part of project work for partial fulfilment of B.Sc.III (Statistics). This project represents the sincere work carried out by these students under my supervision and guidance.

To the best of my knowledge the matter presented in the project has not been submitted earlier.

patil p.m

Mr. Parmeshwar M. Patil

Project Guide

Date:09/05/2022 Place: Solapur Mr. R. V. Rajmane

Department of Statistics

Farts a suferior Salenia



#### Certificate

This is to certify that the project report entitled 'A Statistical Analysis of Various Factors Causing Stress among B.Sc.III Students' being submitted by the group of students:

Miss.Navina vadalakonda Miss. Sneha Raul Miss. Kshiteeja Sonar Mr. Arvind Bitla Mr.Vinod Mulje

Studying in Department of Statistics, DBF Dayanand College of Arts and Science, Solapur as a part of project work for partial fulfillment of B.Sc.III (Statistics). This project represents the sincere work carried out by these students under my supervision and guidance.

To the best of my knowledge the matter presented in the project has not been submitted earlier.

Place: Solapur

patil p.m.

Project Guide

THE RESIDENCE OF ARTS OF STREET

Mr. R.V.Rajmane

Department of Statistics legs of Arts & Science, Solapur

ExamSeatNo. 905091



### DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR(2021-2022)

#### DEPARTMENTOFCOMPUTERSCIENCE

#### **CERTIFICATE**

Date:-

Thisistocertify that-

Ms. Trupti Prabhakar Bidave Roll No. 5910 has satisfactorily completed the project entitled Online Plant Shop as prescribed by the Solapur University, Solapurfor B.Sc. (E.C.S.) Part-III, during they ear 2021-2022.

Guide

Prof. Dr. B. H. Dami

D.B.F. Dayanand College of Arts & Science, Solapur.

Headof the Department



ExamSeatNo. 918108



#### DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR(2021-2022)

#### DEPARTMENTOFCOMPUTERSCIENCE

#### **CERTIFICATE**

Date:-

Thisistocertify that-

Ms. Ambika AndappaMulgeRoll No. 5936 has satisfactorily completed the project entitled Online Plant Shop as prescribed by the SolapurUniversity, SolapurforB.Sc.(E.C.S.) Part-III, during theyear 2021-2022.

Guide

Headof the Department

Prof. D. I/C PRINCIPAL D.B.F. Dayanand College of

Arls & Science, Solapur.

B.Sc. ECS-III

Exam Seat No. \_ 918102



DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022)

DEPARTMENT OF COMPUTER SCIENCE

#### **CERTIFICATE**

Date:-

This is to certify that-

Mr. Lokhande Saurabh Shrikant Roll No. 5941 has satisfactorily completed the project entitled Agri Shop Management System as prescribed by the Solapur University, Solapur for B.Sc. (E.C.S.) Part-III, during the year 2021-2022.

Prof. Principal Damji

D.B.F. Dayanand College of Arts & Science, Schapur.

Examiner

Head of the Department



B.Sc. ECS-III

Exam Seat No. \_ 518123



DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022)

DEPARTMENT OF COMPUTER SCIENCE

#### **CERTIFICATE**

Date:-

27777777777777777777777

This is to certify that-

Mr. Bansode Rohan Raju Roll No. 5962 has satisfactorily completed the project entitled Agri Shop Management System as prescribed by the Solapur University, Solapur for B.Sc. (E.C.S.) Part-III, during the year 2021-2022.

D.B.F. Dayanand College of

Arts & Geience, Solapur,

Examiner

Head of the Department



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B.Sc. ECS-III

Exam Seat No : 39 919154



### DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022) DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

Date:

This is to certify that-

Mr. Ratnadip Dnyaneshwar Fadtare Roll No. 5951 has to satisfactorily completed the project Entitled "Online library Management System" as prescribed by the Punyashloak Aahilyadevi Holkar Solapur University Solapur for BSC(ECS) -3, during the year 2021-2022.

Guide ME

Head Of The Department

Prof. Dr. Printippem)

D.B.F. De renand College of Arts & Spience, Solapur.

Exam Scat No : 918697



### DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022) DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

Date:

This is to certify that-

Mr. Pramod Annasaheb Waghchavare Roll No. 5914 has to satisfactorily completed the project Entitled "Online library Management System" as prescribed by the Punyashloak Aahilyadevi Holkar Solapur University Solapur for BSC(ECS) -3, during the year 2021-2022.

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Head Of The Department

Prof. D.P. rinciple mji
1/6 PTUNCIPAL
D.B.F. dayrasad College of
Arts & Science, Sciapur.

Exam Seat No. 918096

B.Sc.ECS-III



#### DBF DAYANAND COLLEGE SOLAPUR(2021-2022) OF ARTS 80 SCIENCE,

DEPARTMENT OF COMPUTER SCIENCE

### CERTIFICATE

Date:-

This is to certify that-

2021-2022. Solapur University, Solapur for B.Sc.(E.C.S.) Part-III, during the year project Ms. Nikita Narendra Jatla Roll No. 5973 her satisfactorily completed the entitled Medical Shop Management as prescribed by the

Guide

D.S.S. Depended College of Aria & Science, Sotapur, Prof.

Head of the Department



Exam Seat No. 910004



DAYANAND COLLEGE SOLAPUR(2021-2022) 0F ARTS 80 SCIENCE,

DEPARTMENT OF COMPUTER SCIENCE

### CERTIFICATE

Date:-

This is to certify that-

2021-2022. Solapur University, Solapur for B.Sc.(E.C.S.) Part-III, during the year project Ms. Shruti Anil Banda Roll No. 5972 her satisfactorily completed the entitled Medical Shop Management as prescribed by the

Guide

Prof

Damil

Principal Princi

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Examiner

Head of the Department



B.Sc.ECS-III

ExamSeatNo. 918129



DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR(2021-2022)

DEPARTMENTOFCOMPUTERSCIENCE

### CERTIFICATE

Date:

Thisistocertify that-

SolapurforB.Sc.(E.C.S.) Part-III, during theyear2021-2022. project entitled Online Shoe Shop as prescribed by the SolapurUniversity, Ms.Prajakta Satish IngaleRoll No. 5989 has satisfactorily completedthe

Guide

Headof theDepartment







DREDavamandCollegeofArts&Science, Solapur

ExamSeatNo. 918116

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DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR(2021-2022)

DEPARTMENTOFCOMPUTERSCIENCE

### CERTIFICATE

Date:-

Thisistocertify that-

SolapurforB.Sc.(E.C.S.) Part-III, during theyear2021-2022. project entitled Online Shoe Shop as prescribed by the SolapurUniversity, Ms.Pooja Rajkumar PatilRoll No. 5988 has satisfactorily completed the

Guide

Headof the Department

Prof. D. Principalamji
I/C Principal
D.B.F. Dayanand College of
Arts & Science, Solapur.



Exam Scat No. 918152



# DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022)

DEPARTMENT OF COMPUTER SCIENCE

### ERTIFICATE

Date:-

This is to certify that-

during the year 2021-2022. prescribed by the Solapur University, Solapur for B.Sc. (E.C.S.) Part-III, completed the project entitled Attendance Management System as Mr. Gandi Abhishek Dattatray Roll No. 5967 has satisfactorily

Guide

Head of the Department

Prof. Dr. B. H. Damji I/CRriuntbrial D.B.F. Dayenand Collega of Arts & Science, Sulayur.

Exam Sent No. 918189



DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022)

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DEPARTMENT OF COMPUTER SCIENCE

### CERTIFICATE

Date:-

This is to certify that-

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Solapur University, Solapur for B.Sc. (E.C.S.) Part-III, during the year 2021-2022 the project entitled Attendance Management System as prescribed by the Mr. Basude Kunal Pradeep Roll No. 5975 has satisfactorily completed

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Prof. Dr. B.

D.D.F. DEYMAND COMES OF Arts & Science, Sciause. H. Demji

Examiner The same

Head of the Department

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ExamSeatNo. 918145



## DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR(2021-2022)

DEPARTMENTOFCOMPUTERSCIENCE

### CERTIFICATE

Date:- 30|06|2012

Thisistocertify that-

2022. SolapurUniversity, SolapurforB.Sc.(E.C.S.) Part-III, during theyear 2021project entitled Online Home DecorKart as prescribed by the Ms.Sujata Suresh Londhe Roll No. 5963 has satisfactorily completed the

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Guide

Headof the Department



ExamSeatNo. 905091\_\_\_\_



#### DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR(2021-2022)

#### DEPARTMENTOFCOMPUTERSCIENCE

#### **CERTIFICATE**

Date: - 30|06|2022

Thisistocertify that-

Ms. Fija Jahangir Shaikh Roll No. 5976 has satisfactorily completed the project entitled Online Home DecorKart as prescribed by the SolapurUniversity, SolapurforB.Sc.(E.C.S.) Part-III, during theyear 2021-2022.

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Guide

Headof the Department



Prof. Dr. B. H. Damji 10 Principal D.S.F. Dayanand College of Arts & Science, Schapur.

ExamScatNo.



### DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR(2021-2022)

#### DEPARTMENTOFCOMPUTERSCIENCE

#### CERTIFICATE

Date:-

Thisistocertify that-

Ms. Raut Shweta Jaykumar Roll No.5992 has satisfactorily completed the project entitled Online Cab Booking as prescribed by the SolapurUniversity, SolapurforB.Sc.(E.C.S.) Part-III, during theyear 2021-2022.

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Guide

Headof the Department

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Prof. [PrincipaDamji

D.B.F. Dayanand College of Arts & Science, Solapur.

ExamScatNo. \_\_\_\_



### DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR(2021-2022)

#### DEPARTMENTOFCOMPUTERSCIENCE

#### CERTIFICATE

Date:-

Thisistocertify that-

Ms.Achalare Arati Gajanan Roll No.5853 has satisfactorily completed the project entitled Online Cab Booking as prescribed by the SolapurUniversity, SolapurforB.Sc.(E.C.S.) Part-III, during theyear 2021-2022.

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Guide

Headof the Department

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Prof. Principal Damji 1/C PRINCIPAL D.B.F. Dayanand College of Arts & Science, Sciapur.

ExamSeatNo. 918107\_\_\_\_\_



#### DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR(2021-2022)

#### **DEPARTMENTOFCOMPUTERSCIENCE**

#### **CERTIFICATE**

Date:-

Thisistocertify that-

Ms.RutujaMurlidharHulsure Roll No. 5911has satisfactorily completed the project entitled Cet Examination as prescribed by the SolapurUniversity, SolapurforB.Sc.(E.C.S.) Part-III, during theyear 2021-2022.

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Prof. Dirincip famji
Mo Princip famji
D.B.F. Daysnand College of

Arts & Science, Selapur.

Headof theDepartment



ExamSeatNo. 918129



#### DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR(2021-2022)

#### DEPARTMENTOFCOMPUTERSCIENCE

#### **CERTIFICATE**

Date:-

Thisistocertify that-

Ms. Vandana Anil Jadhav Roll No. 5912has satisfactorily completed the project entitled Cet Examination as prescribed by the Solapur University, Solapur for B. Sc. (E.C.S.) Part-III, during the year 2021-2022.

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Guide

Headof the Department

Prof. Principal Dansii I/C PRINCIPAL D.B.F. Dayanand College of Arts & Science, Salapur.

#### Exam Seat No:



### DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022) DEPARTMENT OF COMPUTER SCIENCE

#### CERTIFICATE

Date:

This is to certify that-

Mr. Prasad Subhash Beldar

Roll No. 5987 has to satisfactorily completed the project Entitled "EMOTIONS BASED MUSIC SYSTEM" as prescribed by the PunyashloakAahilyadevi Holkar Solapur University Solapur for BSC(ECS) -3, during the year 2021-2022.

Guide

Head Of The Department

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Prof. D. Principamii I/C Principal D.B.f. Dayonand College of Arts & Soience, Solanur

Exam Seat No:



### DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022) DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

Date:

This is to certify that-

Mr. Ravikiran Ashok Yaldandi Roll No . 5958 has to satisfactorily completed the project Entitled "EMOTIONS BASED MUSIC SYSTEM" as prescribed by the PunyashloakAahilyadevi Holkar Solapur University Solapur for BSC(ECS) -3, during the year 2021-2022.

Guide

Head Of The Department

Prof. Dr. B. H. Damji I/C PRINCIPACIPLE D.B.F. Dayanand College of Arts & Science, Solapur.

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Exam Seat No. 418174



DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022)

DEPARTMENT OF COMPUTER SCIENCE

### CERTIFICATE

This is to certify that-

Date:-

30-06-2022

2022 Solapur University, Solapur for B.Sc. (E.C.S.) Part-III, during the year 2021the project entitled "Vehicle Parking Management" as prescribed by the Mr. Swami Aashitosh Nagayya Roll No. 5943 has satisfactorily completed

Prof. Dr. B

Damij

Head of the Department



I/C PRINCIPAL
D.B.F. Dayanand College of
Aris & Science, Solapur. Examiner



DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR(2021-2022)

DEPARTMENT OF COMPUTER SCIENCE

### CERTIFICATE

30-06-22

This is to certify that-

2022. Solapur University, Solapur for B.Sc. (E.C.S.) Part-III, during the year 2021-Mr. Kore Prajwal Umakant Roll No. 5942 has satisfactorily completed the project entitled "Vehicle Parking Management" as prescribed by the

Raw gul

Head of the Department

Prof. Dr. B. H. Damji 1/0 FTRINGHBAL D.B.E. Dayanand College of Aris & Science, Solapur.

Exam Scat No. 713712



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# DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022)

DEPARTMENT OF COMPUTER SCIENCE

## CERTIFICATE

Date: 30.06.200

This is to certify that-

during the year 2021-2022 prescribed by the Solapur University, Solapur for B.Sc. (E.C.S.) Part-III, completed the project entitled Food Cafe Management System as Mr. Salahuddhin Sirajoddin Quadari Roll No. 5974 has satisfactorily

(Guide

Head of the Department

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Prof. Dr. B. H. Demji I/PrintingaPAL D.B.F. Daymand College of Arts & Seience, Solapur.

Exam Seat No. 918193



# DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022)

DEPARTMENT OF COMPUTER SCIENCE

## CERTIFICATE

Date: - 30-06-2022

This is to certify that-

during the year 2021-2022. prescribed by the Solapur University, Solapur for B.Sc. (E.C.S.) Part-III, completed the project entitled Food Cafe Management System as Mr. Shaikh Md Saqlain Naeem Roll No. 5994 has satisfactorily

Guide

Head of the Department



Prof. Dr. Reibal Damji I/C PRINCIPAL D.B.F. Daysnand College of Arts & Selence, Solapur.

Exam Scat No. 918190



# DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022)

DEPARTMENT OF COMPUTER SCIENCE

### CERTIFICATE

Date: - 3178-2022

This is to certify that-

during the year 2021-2022 prescribed by the Solapur University, Solapur for B.Sc. (E.C.S.) Part-III, completed the project entitled AC Shop Management System as Mr. Nadeghar Abu Sufiyan Md.Husain Roll No. 5996 has satisfactorily

Guide

Head of the Department

Prof. Dr. B. H. Damji i/O Prividual. P.B.F. Dayenand College of Arts & Science, Scripper.

Exam Scat No. 918194



# DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022)

DEPARTMENT OF COMPUTER SCIENCE

## CERTIFICATE

Date: - 30 106- 2022

This is to certify that-

2021-2022. the project entitled AC Shop Management System as prescribed by the Solapur University, Solapur for B.Sc. (E.C.S.) Part-III, during the year Mr. Nadgiri Shreyas Santosh Roll No. 5921 has satisfactorily completed

Calde

TALLAN COLLEGE OF ALL

Head of the Department

Prof. Dr. B. H. Damji I/APHINICOPAL D.S.F. Dayanand College of Arts & Science, Solapur.

### Exam Seat No:



### DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR DEPARTMENT OF COMPUTER SCIENCE (2021-2022)

CERTIFICATE

Date: 50-06-22

This is to certify that-

for BSC(ECS) -3 , during the year 2021-2022. PunyashloakAahilyadevi Holkar Solapur University Solapur Entitled "Library Management System" as prescribed by the Roll No . 5969 has to satisfactorily completed the project Ms. Pawar Tanuja Sharad

Alexa gal

Head Of The Department



Prof. Dr. B. H. Damii I/C Pri. Well photo D.B.F. Dayanand College of Arts & Science, Solapur.

Exammer

B.Sc. ECS-III

Exam Seat No:



DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR DEPARTMENT OF COMPUTER SCIENCE (2021-2022)

CERTIFICATE

Date: 30-05-202

This is to certify that-

for BSC(ECS) -3 , during the year 2021-2022. PunyashloakAahilyadevi Holkar Solapur University Solapur Entitled "Library Management System" as prescribed by the Roll No . 5981 has to satisfactorily completed the project Ms. Gaikwad Snehal Sunil

Guide

Head Of The Department

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Prof. Dr. B. H. Damji D.B.F. Dayanand College of Arts & Science, Solapur.

ExamSeatNo. 910784



## DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR(2021-2022)

DEPARTMENTOFCOMPUTERSCIENCE

### CERTIFICATE

Date:-

Thisistocertify that-

SolapurforB.Sc.(E.C.S.) Part-III, during theyear2021-2022. entitled Gym management as prescribed by the SolapurUniversity, Mr. Bhushan Kate Roll No. 5999 has satisfactorily completedthe project



Headof theDepartment



Frof. Dr. RINE parmij 1/C PRINC PAL D.E.F. Daysnand College of NIS & Science, Solapur.



# DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR(2021-2022)

# DEPARTMENTOFCOMPUTERSCIENCE

30-06-202

Thisistocertify that

prescribed by the SolapurUniversity, SolapurforB.Sc.(E.C.S.) Partproject entitled TOURS AND TRAVELS MANAGEMENT SYSTEMas Mr. Rahul Mohan KompelliRoll No. 5984 has satisfactorily completed the III,during theyear2021-2022

Guide

Headof theDepartment

I/CPIRANDARAL D.B.F. Dayanand College of Arts & Soience, Sciapur.

Prof. Dr. B.

H. Damji

annaer

ExamSeatNo.



## DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR(2021-2022)

DEPARTMENTOFCOMPUTERSCIENCE

## CERTIFICATE

Date: - 30-06- 2022

Thisistocertify that-

Part-III, during theyear 2021-2022. SYSTEMas prescribed by the SolapurUniversity, SolapurforB.Sc.(E.C.S.) completed the project entitled TOURS AND TRAVELS MANAGEMENT Mr. Govind Sanjay SomshettyRoll No. 5965 has satisfactorily

Alands

Headof the Department



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Exam Seat No. 918135

H.Sc. ECS-III



DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022)

DEPARTMENT OF COMPUTER SCIENCE

### CERTIFICATE

Date: - 30~0 6~2>

University, Solapur for B.Sc. (E.C.S.) Part-III, during the year 2021-2022. project entitled Vehicle Management System as prescribed by the Solapur Mr. Katare Tejas Vijay Roll No. 5997 has satisfactorily completed the

Guide

Head of the Department

Prof. Dr. B. H. Damji I/Clarengeral D.B.F. Daymand Colbys of Arts & Science, Selapur

Exam Scat No. 918192



# DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022)

DEPARTMENT OF COMPUTER SCIENCE

## CERTIFICATE

Date: - 30-16-2000

This is to certify that-

year 2021-2022. by the Solapur University, Solapur for B.Sc. (E.C.S.) Part-III, during the completed the project entitled Vehicle Management System as prescribed Mr. Chitapure Faizan Ahmed Farooque Roll No. 5991 has satisfactorily

Guide

Prof. Dr. B. H. Damji I/C Printfier L D.B.F. Daysnand College of Arts & Science, Sciepur.

Head of the Department



Exam Seat No. 918114



# DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022)

DEPARTMENT OF COMPUTER SCIENCE

## CERTIFICATE

Date: 3001-202

This is to certify that-

year 2021-2022. by the Solapur University, Solapur for B.Sc. (E.C.S.) Part-III, during the completed the project entitled Online Hotel Room Booking as prescribed Shri. Talbhandare Aviraj Virendra Roll No. 5939 has satisfactorily

Rawel

Head of the Department

Prof. Dr. B. H. Damji I/> Principal D.S.F. Dayenand College of Arts & Science, Sciapur.



DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR (2021-2022)

DEPARTMENT OF COMPUTER SCIENCE

# CERTIFICATE

Date: - 30 で ピンン

This is to certify that-

year 2021-2022. by the Solapur University, Solapur for B.Sc. (E.C.S.) Part-III, during the completed the project entitled Online Hotel Room Booking as prescribed Shri. Kamale Dhareppa Dhondappa Roll No. 5940 has satisfactorily

Guide

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Head of the Department

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Prof. Principal,
D.B.F. Deysnand College of
Arts & Science, Solapur,





DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR DEPARTMENT OF COMPUTER SCIENCE (2021-2022)

CERTIFICATE

Date: 30 -06-20

This is to certify that-

for BSC(ECS) -3 , during the year 2021-2022. Mr. Baban Chandrkant Kamble PunyashloakAahilyadevi Holkar Solapur University Solapur Entitled "Online Attendence System" as prescribed by the Roll No . 5995 has to satisfactorily completed the project

Guide

Head Of The Department

Prof. Dr. B. H. Damji
W. Princepte
D.B.F. Daysnand College of
Arts & Science, Sciaper.

Exuminer



# DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR DEPARTMENT OF COMPUTER SCIENCE (2021-2022)

CERTIFICATE

Date: 300 6 6-202

This is to certify that-

Roll No . 5946 has to satisfactorily completed the project Mr. Ankit Uttkarsh Ingale for BSC(ECS) -3, during the year 2021-2022. PunyashloakAahilyadevi Holkar Solapur University Solapur Entitled "Online Attendence System" as prescribed by the

Guide

Head Of The Department

Prof. D.P. Hill amii
D.D.F. Daysnand College of
Arts & Science, Solupur.



DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR DEPARTMENT OF COMPUTER SCIENCE (2021-2022)

CERTIFICATE

Date:30-06-202

This is to certify that-

for BSC(ECS) -3 , during the year 2021–2022. PunyashloakAahilyadevi Holkar Solapur University Solapur Entitled "Online School Website" as prescribed by the Roll No .5932 has to satisfactorily completed the project Mr. SachinSopan Ingale

Guide

Head Of The Department



Prof. DP. None ip tramiling Prof. DP. None ip tramiling of Arts & Spenger Solapus

Examiner



## DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR DEPARTMENT OF COMPUTER SCIENCE (2021-2022)

CERTIFICATE

This is to certify that-

for BSC(ECS) -3 , during the year 2021-2022. Mr. Sarang Vijay Agawane PunyashloakAahilyadevi Holkar Solapur University Solapur Entitled "Online School Website" as prescribed by the Roll No .5971 has to satisfactorily completed the project

Guide

\* E

Prof. Dr. Principal

D.B. T. Daysnand College of Arts & Science, Solspur.





# DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR DEPARTMENT OF COMPUTER SCIENCE (2021-2022)

CERTIFICATE

Date: 30-06-2022

This is to certify that-

for BSC(ECS) -3 , during the year 2021-2022. Mr. Raj Alpesh Patel PunyashloakAahilyadevi Holkar Solapur University Solapur Entitled "Online Mobile Shop" as prescribed by the Roll No .5938 has to satisfactorily completed the project

Guide

Head Of The Department



Examiner

Prof. Dr. Brung Die in D.S.F. Daysnand College of Arts & Science, Sqiapur.



# DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR DEPARTMENT OF COMPUTER SCIENCE (2021-2022)

CERTIFICATE

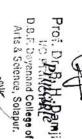
Date: 3006.202

This is to certify that-

Mr. Abhishek Tanaji Jadhav for BSC(ECS) -3, during the year 2021-2022. Roll No .5998 has to satisfactorily completed the project PunyashloakAahilyadevi Holkar Solapur University Solapur Entitled "Online Mobile Shop" as prescribed by the

Curide

Head Of The Department



### Exam Sent No:



# DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR DEPARTMENT OF COMPUTER SCIENCE (2021-2022)

CERTIFICATE

Date: 30.06-202

This is to certify that-

for BSC(ECS) -3 , during the year 2021-2022. Mr. Kshitij Sanjay Jadhav PunyashloakAahilyadevi Holkar Solapur University Solapur Entitled "Online Railway Reservation" as prescribed by the Roll No . 5931 has to satisfactorily completed the project

Guide

Head Of The Department



Prof. Dr. B. H. Darnji
I/C PRINCIPADIE
D. E. Dayanand Collego of
Arts & Science, Solagyr.
Exception



# DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR DEPARTMENT OF COMPUTER SCIENCE (2021-2022)

CERTIFICATE

Date: 30.06. 102

This is to certify that-

Mr. Akash Sanjay Jadhav for BSC(ECS) -3 , during the year 2021-2022. PunyashloakAahilyadevi Holkar Solapur University Solapur Entitled "Online Railway Reservation" as prescribed by the Roll No . 5929 has to satisfactorily completed the project

Guide

Head Of The Department



Prof. Dr. Frid College of Arts & Science, Schapur.



## DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR DEPARTMENT OF COMPUTER SCIENCE (2021-2022)

CERTIFICATE

This is to certify that-

prescribed by the PunyashloakAahilyadevi Holkar Solapur University Solapur for BSC(ECS) -3 , during the year 2021-Mr. RavirajBalasaheb Sutkar Entitled "Electric Billing Management System" as Roll No . 5953 has to satisfactorily completed the project

Head Of The Department



Prof. Dr. B. H. Dalbii I/C PRANGIFUE DO. D.B.F. Daysnand College of Arts & Science, Science,



# DBF DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR DEPARTMENT OF COMPUTER SCIENCE (2021-2022)

CERTIFICATE

This is to certify that-

2022. Mr. Vaibhav Lalasaheb Sutkar prescribed by the PunyashloakAahilyadevi Holkar Solapur Roll No . 5949 has to satisfactorily completed the project University Solapur for BSC(ECS) -3 , during the year 2021-Entitled "Electric Billing Management System" as

Head Of The Department



D.B.F. Dayanand College of Prof. Dr. B. M. Damii Arts & Science, Schapur, Examiner

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#### D. B. F. Dayanand College of Arts and Science, Solapur

Department of Chemistry

#### **CERTIFICATE**

Date: / ( / 2022

This is to certify that Mr./Miss....\summuse...\practicep...\tau\unippa
Roll No. 3152.... has successfully completed the project work on study of Reflect...\tau\unippa and actualized praction for the field of Chemistry under the guidance of \textit{D. DU.J.a.i.} Type your text

at D. B. F. Dayanand College of Arts & Science, Solapur for M. Sc.-II Sem.-VI during the academic year 2021-2022.

Project Guide /Mentor Teacher

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Head of the Department



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D. B. F. Dayanand College of Arts and Science, Solapur

Department of Chemistry

#### **CERTIFICATE**

Date: 24 / 66 / 2022

Project Guide/Mentor Teacher

Head of the Department

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तमसो मा ज्योतिर्गमय



### D. B. F. Dayanand College of Arts and Science, Solapur Department of Chemistry

#### CERTIFICATE

Date: 25/06/2022

This is to certify that Mr./M/ss. Haftali thanjunath Annappa.

Roll No. 7155..... has successfully completed the project work on Western Trectiment Plant

the field of Chemistry under the guidance of Prof. Dr. Pujersi S. R. Sis.

at D. B. F. Dayanand College of Arts & Science, Solapur for MSc II Physical Chemistry during the academic year 2021-2022.

Project Guide/Mentor Teacher

Head of the Department



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D. B. F. Dayanand College of Arts and Science, Solapur

Department of Chemistry

#### CERTIFICATE

Date: 01/66 / 2022

This is to certify that Mr./Miss. **Jodave Ankita Bibhishan**Roll No. **7157** has successfully completed the project work on **Waste Water Tretment Plant** in the field of Chemistry under the guidance of **Mr. Mahajan K. J.** at

D. B. F. Dayanand College of Arts & Science, Solapur for M. Sc.- II Sem.- IV during the academic year 2021-2022.

Project Guide /Mentor Teacher

Head of the Department



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तमसो मा ज्योतिर्गमय



### D. B. F. Dayanand College of Arts and Science, Solapur Department of Chemistry

#### CERTIFICATE

Date: 25 / 06 / 2022

	This is to certify that Mr. Miss. Pathanikor R.S.
Roll	No. 7158 has successfully completed the project work on
	Water Treatement plant in
the fi	ield of Chemistry under the guidance of Prof. Dr. S. R. Pujcer 1
at D	B. F. Dayanand College of Arts & Science, Solapur for MSc II Physical
Cher	nistry during the academic year 2021-2022.

Project Guide Mentor Teacher

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Head of the Department



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#### तमसो मा ज्योतिर्गमय



#### D. B. F. Dayanand College of Arts and Science, Solapur

Department of Chemistry

#### CERTIFICATE

Date: 25/06/2022

This is to certify that Mr./Mjss. Kulkanni Prasad Hammant
Roll No. 1159... has successfully completed the project work on
Lucton to catherent plant
in
the field of Chemistry under the guidance of Land S. In

B. I. Dav mand College of Arts & Science, Solapur for MSc II Physical
mathematical and 2021-2022

Project Guide/Mentor Teacher

Head of the Department



### DAV COLLAGE TRUST AND MANAGEMENT SOCIETY, NEW DEHLI'S

### D.B.F. DAYANAND COLLAGE OF ARTS & SCIENCE, SOLAPUR



DBF Dayanand College of Arts & Science, Solapur

NAAC Reaccredited 'B++' Grade | College with Potential for Excellence | ISO 9001:2015 Best College 2017 by SUS | AAA Rank # 1 | Clean College - Green College 2018

#### DEPARTMENT OF CHEMISTRY

#### CERTIFICATE

This is to certify that

Name:

Miss. Mahasagar Tejaswini Ashok.

Exam Seat no:

Q514838

(76))

Student of Dayanand College have successfully completed a Project Report entitled "CITRIC ACID IN FRUITS" in partialfulfillment of Master of Science as prescribed by Solapur University, Solapur for the Academic Year 2021-22.

Project Guide

External Examiner

Head Of Department

Prof. K.J Mahajan

Prof. Dr. Sidram Pujari



।। ओ३म् ।। तमसो मा ज्योततर्गमय



D. B. F. Dayanand College of Arts and Science, Solapur

Department of Chemistry

#### **CERTIFICATE**

Date: 25/6 /2022

This is to certify that Mr./Miss. Gundeli Gayatri Vyankatswami

Roll No. 7162 has successfully completed the project work on Waste Water Tretment Plant in the field of Chemistry under the guidance of Dr. Pujari S. R. at D. B. F. Dayanand College of Arts & Science, Solapur for M. Sc.- II Sem.- IV during the academic year 2021-2022.

Project Guide /Mentor Teacher

Head of the Department

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D. B. F. Dayanand College of Arts and Science, Solapur

Department of Chemistry

CERTIFCATE

Date: 24/6 /2022

This is to certify that Mr./Miss. Priyanka Pramod Kulkarni.

Roll No. 7163 has successfully completed the project work on Determination of surface tension of various surfactants in the field of Chemistry under the guidance of Mr. Mahajan K.J at D. B. F. Dayanand College of Arts & Science, Solapur for M. Sc.- II Sem.-IV during the academic year 2021-2022.

Project Guide / Mentor Teacher

Head of the Department

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D. B. F. Dayanand College of Arts and Science, Solapur

Department of Chemistry

#### CERTIFICATE

Date: 1 6 / 2022

This is to certify that Mr/Miss. Aishway Jal. chandrakant Palaskar Roll No. 1169. has successfully completed the project work on The Study of different Colours, manufactured 9 KEM in the field of Chemistry under the guidance of Dr. Pujari S.R. at D. B. F. Dayanand College of Arts & Science, Solapur for MSc II Physical Chemistry during the academic year 2021-2022.

Project Guide Mentor Teacher

Head of the Department

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D. B. F. Dayanand College of Arts and Science, Solapur

Department of Chemistry

#### CERTIFICATE

Date: 25/ 06/2022

Roll No. 71.65... has successfully completed the project work on water teachment plant in the field of Chemistry under the guidance of Peot. Gaik wad 5.V. at D. B. F. Dayanand College of Arts & Science, Solapur for MSc II Physical Chemistry during the academic year 2021-2022.

Project Guide Mentor Teacher

Head of the Department

Exam. Seat No. ..7.13.2.06

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D. B. F. Dayanand College of Arts and Science, Solapur

Department of Chemistry

#### CERTIFICATE

Date: 25 / 06 / 2022

Project Guide Mentor Teacher

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Head of the Department

Exam. Seat No. 72.05455

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### D. B. F. Dayanand College of Arts and Science, Solapur Department of Chemistry

#### CERTIFICATE

Date: 25/6 / 2022

Project Guide /Mentor Teacher

Head of the Department

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D. B. F. Dayanand College of Arts and Science, Solapur

Department of Chemistry

#### CERTIFICATE

Date: 26/ 6/2022

Shaikh Shirin Babulal

1 - 1 de mairet work on Waste Water Tretment

tield of Chemistry under the guidance of Mr. Mahajan K. J. at an and College of Arts & Science, Solapur for M. Sc.- II Sem.- IV during the 2021-2022.

--- Mentor Teacher

Head of the Department

LABORECTS



#### Damani Bhairuratan Fatehchand

#### DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR.



#### DEPARTMENT OF CHEMISTRY

#### CERTIFICATE

Date: 24 / 6 / 22

This is to certify that Miss. Uzma Fatima Azimoddin shaikh has successfully carried out the project entitled "EFFECTS OF IMPURITIES ON THE HEAT ABSORPTION AND RETENTION CAPACITY OF FRESH WATER". Assign as a part of her M.Sc. II consistent of the project as part the rules and regulation of Solapur University, Solapur during academic year 2021-2022.

TEACHER IN CHARGE

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EXAMINAR

DEPARTMENT OF CHEMISTRY



Exam. Seat No. JOG2244

।। ओ३म्।। तमसो मा ज्योतिर्गमय



D. B. F. Dayanand College of Arts and Science, Solapur

Department of Chemistry

#### **CERTIFICATE**

Date: 25/ 06/2022

Project Guide/Mentor Teacher

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Head of the Department

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D. B. F. Dayanand College of Arts and Science, Solapur

Department of Chemistry

#### **CERTIFICATE**

Date: 25/06/2022

This is to certify that Miss. Snehal Nanaso Kharade Roll No. 7171 has successfully completed the project work on 'Chocolate-Analysis' in the field of Chemistry under the guidance of Dr S.R. Pujari at D. B. F. Dayanand College of Arts & Science, Solapur for M. Sc.- II Sem.-IV during the academic year 2021-2022.

Project Guide / Mentor Teacher

Head of the Department



।। औश्म् ।। तमसो मा ज्योततर्गमय



D. B. F. Dayanand College of Arts and Science, Solapur

Department of Chemistry

#### CERTIFICATE

Date: 25/6/2022

This is to certify that Mr./Miss. **Dhumma Pooja Dhanappa**Roll No. 7172 has successfully completed the project work on **Waste Water Tretment Plant** in the field of Chemistry under the guidance of **Dr. Pujari S. R.** at
D. B. F. Dayanand College of Arts & Science, Solapur for M. Sc.- II Sem.- IV during the
academic year 2021-2022.

Project Guide /Mentor Teacher

Head of the Department

Exam. Seat No. .7.12.0.72.....

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#### D. B. F. Dayanand College of Arts and Science, Solapur Department of Chemistry

CERTIFICATE

Date: 25/06/2022

This is to certify that Mr./Miss. Priya Shivkumar Shete.

Roll No. 7173 has successfully completed the project work on CEPT That is common Effulent Plant in the field of Chemistry under the guidance of Mr. Mahajan Sir at D. B. F. Dayanand College of Arts & Science, Solapur for M. Sc.- II Sem.-IV during the academic year 2021-2022.

Project Guide Mentor Teacher

Head of the Department

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### D.B.F. Dayanand College of Arts and Science, Solapur Department of Chemistry

#### CERTIFICATE

Date 25/6/2022

Dr. S. R. Pujari Project Guide / Mentor Teacher

Head of the Department



।। ओ३म् ।। तमसो मा ज्योतिर्गमय



### D. B. F. Dayanand College of Arts and Science, Solapur Department of Chemistry

#### CERTIFICATE

Date: 25 16 / 2022 7

This is to certify that Mr./Miss. Chadaze. Yogesh Magnath Roll No. 7175... has successfully completed the project work on water treatment plant... in the field of Chemistry under the guidance of prof. Gaikwad S.V. at D. B. F. Dayanand College of Arts & Science, Solapur for MSc II Physical Chemistry during the academic year 2021-2022.

Project Guide /Mentor Teacher

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Head of the Department

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#### D. B. F. Dayanand College of Arts and Science, Solapur

Department of Chemistry

#### CERTIFICATE

Date: 24/ 06/2022

This is to certify that Mr./Miss. Jindam Pankaj Maruti

Roll No. 1176 has successfully completed the project work on Antifungal Activity of Biosynthesized Silver Nanoporticlean the field of Chemistry under the guidance of Prof. M. T. Mahajan

at D. B. F. Dayanand College of Arts & Science. Solapur for MSc II Physical Chemistry during the academic year 2021-2022.

Project Guide Mentor Teacher

Head of the Department

MSc. IC Pharma)



#### CERTIFICATE

This is to certify that, MISS. PAWAR PRIYA PRABHAKAR (Seat No. 1722320) student of M.Sc.II (Pharmaceutical Chemistry) has duly completed her synopsis for project entitled <u>Isolation and extraction of different parts of "Tinospora cordifolia" plant and biological evaluation</u> at Department of Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021-2022. This report represents the bonafide work of the student.

Project Guide

Dr. Mrs. R.G. Gawali.

Examiner Whool on

Head Department

of chemistry



#### CERTIFICATE

This is to certify that, Miss. Nayana Shivanand Dhanshetti student of M.Sc.II (Pharmaceutical Chemistry) has duly completed her synopsis for project entit "Isolation and Extraction Of Different Prats of Vitex negundo evaluation Of Biological Activities" at Department of Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021-2022 This report represents the bonafide work of the student.

Project Guide

Prof. R. G. Gawali

200 Examiner

Mead

Department of chemistry

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#### CERTIFICATE

This is to certify that, Kumbhar Prasad Bhimashankar student of M.Sc.II (Pharmaceutical Chemistry) has duly completed his project entitled "Extraction of different parts of Tridax Procumbens and its biological evaluation" at Department of Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021-2022. This report represents the bonafide work of the student.

Project Guide

Prof. (Dr). R. G. Gawali.

Examiner

Mead

Department of chemistry

student academic year 2021-2022. This report represents the bonafide work of the fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the "synthesis and characterization of ParacetamolPowder" at Department of of M.Sc.II (Pharmaceutical Chemistry) has duly completed her project entitled Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial This is to certify that, Miss. Bhagyashri Sidharam Susaladi student

Project Guide

M.Sc, B.Ed, SET, Ph.D Dr. Mrs. R.G. Gawali

(Associate Professor)

A Day Ball Research guide

Head of Department

Principal



report represents the bonafide work of the student. degree in Pharmaceutical Chemistry during the academic year 2021-2022. This M.Sc.II (Pharmaceutical Chemistry) has duly completed her project entitled "Synthesis of Paracetamol Powder" at VAMSI LABS LTD A-14&15MIDC Chincholi , Solapur for the partial fulfilment and award of M.Sc. This is to certify that, Miss. Helave Shilpa Naganath student of

Project Guide

Examiner

Dr. Mrs. R.G. Gawali

(M.sc., B.Ed., SET., Ph.D)

(Associate Professor)



represents the bonafide work of the student. GURUSHANTAYYA Pharmaceutical Chemistry Science, Solapur for the evaluation at Department of Chemistry, D.B.F. Dayanand College of Arts & extraction of different parts of "Tinospora cordifolia" plant and biological Chemistry) has duly completed her synopsis for project entitled Isolation and (Seat No. 1718505) student of M.Sc.II (Pharmaceutical certify during the academic year 2021-2022. This report partial fulfilment and award of M.Sc. degree in that, MISS. MATHAPATI POONAM

Project Guide A BARRETON A PROPERTY OF THE P

Department

Dr. Mrs. R.G. Gawali.







academic year 2021-2022. This report represents the bonafide work of the student fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial Different parts of Aegle Marmelos & its Biological Activity" at Department of project entitled "Isolation & Extraction of Phytochemical Constituents from (Pharmaceutical Chemistry) Seat No.1713479 has duly completed his synopsis for This is to certify that, Mr.Hiremath.M.B student of M.Sc.II

Project Guide

Prof. (Dr). Miss R.G.Gawali Department of chemistry



represents the bonafide work of the student. Pharmaceutical Chemistry during the academic year 2021-2022. This report & Science, Solapur for the partial fulfilment and award of M.Sc. degree in evaluation" at Department of Chemistry, D.B.F. Dayanand College of Arts (Pharmaceutical Chemistry) has duly completed his project entitled "Extraction of different parts of Tridax Procumbens and its biological This is to certify that, Kadam Ram Maruti student of M.Sc.II

中國 Project Guide

Prof. (Dr). R. G. Gawali.

aminer Alle 12022



academic year 2021-2022. This report represents the bonafide work of the student. project entitled "Isolation & Extraction of Phytochemical Constituents from fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the Different parts of Aegle Marmelos & its Biological Activity" at Department of (Pharmaceutical Chemistry) Seat No.1616367 has duly completed his synopsis for Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial This is to certify that, Mr.Jangamshetty D.R student of M.Sc.II

Project Guide

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lead a

Prof. (Dr). Miss R.G.Gawali Department of chemistry







#### A SYNOPSIS FOR PROJECT SUBMITTED TO

FOR THE DEGREE OF

## UNDER THE FACULTY OF

SCIENCE

BY

UNDER THE GUIDANCE OF

Department of Licenseis,

sell as





This is to certify that, Mr. DESHMUKH RANJIT GANPATRAO student of M.Sc.II (Pharmaceutical Chemistry) has duly completed her/her project entitled "Extraction and pharmaceutical Activities of Justicia adhathoda" at Department of Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021-2022. This report represents the bonafide work of the student.

Prof.( Mr).S.S.Kumbhare





This is to certify that, Mr. Bagale Mahesh Prakash student of M.Sc.II (Pharmaceutical Chemistry) has duly completed his project entitled "Extraction and pharmaceutical Activities of Ocimum Sanctum" at Department of Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021-2022. This report represents the bonafide work of the student.

**Project Guide** 

Prof. (Mr). S. S. Kumbhare

(Stelloase

24. Examiner 29/06/2022

Head



This is to certify that, Ms. Patil Maxari Surgalcanat student of M.Sc.II (Pharmaceutical Chemistry) Seat No.1712734 has duly completed her project entitled "Isolation & Extraction of Phytochemical Constituents from Different acts of Sparagus recemosus & it Biological Activity" at Department of Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021-2022. This report represents the bonafide work of the student.

Project Guide

Prof. Mr. Kumbhare S.S.

28/06/22 Cxaminer

Head





This is to certify that, Miss. Dipali Vitthal Pujari student of M.Sc.II (Pharmaceutical Chemistry) Seat No.1712781 has duly completed her project entitled "Isolation & Extraction of Phytochemical Constituents from Different parts of <u>Asparagus recemosus</u> & it Biological Activity" at Department of Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021-2022. This report represents the bonafide work of the student.

Project Guide

Prof. Mr. Kumbhare S.S.

Examiner Whoole

Head





academic year 2021-2022. This report represents the bonafide work of the student. fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial Different parts of Curry Leaf & its Biological Activity" at Department of project entitled "Isolation & Extraction of Phytochemical Constituents from (Pharmaceutical Chemistry) Seat No.1720612 has duly completed his synopsis for This is to certify that, Mr. Mane R.D student of M.Sc.II

Project Guide
Prof. Kumbhare S.S
Department of chemistry





year 2021-2022. This report represents the bonafide work of the student. and award of M.Sc. degree in Pharmaceutical Chemistry during the academic and characterization of Paracetamol Powder" at Department of Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial fulfilment (Pharmaceutical Chemistry) has duly completed her project entitled "synthesis This is to certify that, Miss. Payal Madan Hotkar student of M.Sc.II

Project Guide S.S.Kumbhare

Research guide

Head of Department

29.633 Mulbale

Principal

(1-15)



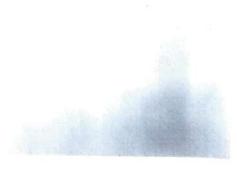
This is to certify that, Miss. Ghodake Bharti Suresh—student of M.Sc.II (Pharmaceutical Chemistry) has duly completed her project entitled "Synthesis of Biologically Important Chalcone Derivatives" at Department of Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial fulfillment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021-2022. This report represents the bonafide work of the student

Project Guide

Dr. S \ Jadhay

Examiner 3006/22





#### Department of Chemistry

## D.B.F. DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR - 2022



#### CERTIFICATE

This is to certify that, Mr. Sabale Aniket Ambadas student of M.Sc.II (Pharmaceutical Chemistry) Seat No.1712017 has duly completed his project entitled "Isolation & Extraction of Phytochemical Constituents from Different parts of Neem & it's Biological Activity" at Department of Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021-2022. This report represents the bonafide work of the student.

Project Guide

Prof. (Dr). Mr. Jadhav S.Y.

Minipale 122 Change 222

Head

## Department of Chemistry D.B.F. DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAFUR – 2022



#### CERTIFICATE

This is to certify that, Mr. Upadhye Shubham Ashok student of M.Sc.II (Pharmaceutical Chemistry) Seat No.17129925 has duly completed his project entitled "Isolation & Extraction of Phytochemical Constituents from Different parts of Neem & it's Biological Activity" at Department of Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021–2022. This report represents the bonafide work of the student.

Project Guide

Prof. (Dr). Mr. Jadhav S.Y.

Examiner 28 06/32

Head



This is to certify that, Miss. KASTURI AISHWARYA SHANKAR student of M.Sc.II (Pharmaceutical Chemistry) has duly completed herproject entitled "Synthesis of Biologically Important Chalcone Derivatives" at Department of Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial fulfillment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021-2022. This report represents the bonafide work of the student.

Project Guide

Dr. S Y Jadhay

Examiner Wylball 22





This is to certify that, Miss. Pulli Nikita Anaud pharmaceutical Chemistry) has duly completed her project entitled "Synthesis, Characterization of Thiazolidinedione Derivative" at Department of Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021-2022. This report represents the bonafide work of the student.

Project Guide

Dr. S Y Jadhav

1001





This is to certify that, Miss. Modi Laxmi Prakash pharmaceutical Chemistry) has duly completed her project entitled "Synthesis, Characterization of Thiazolidinedione Derivative" at Department of Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur for the partial fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021-2022. This report represents the bonafide work of the student.

Project Guide

Dr. S Y Jadhay

Examiner 3000





This is to certify that, Miss. Shital Babasaheb Sathe student of M.Sc.II (Pharmaceutical Chemistry) has duly completed her project entitled "To study industrial process of making API" at VAMSI LABS LTD A-14&15 MIDC area Chincholi. Solapur for the partial fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021-2022. This report represents the bonafide work of the student.

Project Guide

Dr. S. Y. Jadhav

Examiner 30/0/20





This is to certify that, Miss. Snehal Giramallappa Gaikwad student of M.Sc.II (Pharmaceutical Chemistry) has duly completed her project entitled "To study industrial process of making API" at VAMSI LABS LTD A-14&15 MIDC area Chincholi , Solapur for the partial fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021-2022. This report represents the bonafide work of the student.

Project Guide

Dr. S. Y. Jadhav

Examiner Solaliss



### Department of Chemistry

D.B.F. DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR - 2022



#### CERTIFICATE

This is to certify that, Miss. Loke Sneha Shashikant student of M.Sc.II

(Pharmaceutical Chemistry) Roll No 7210 has duly completed her project entitled "Study On Synthesis Of Salbutamol" at Department of Chemistry,

D.B.F. Dayanand College of Arts & Science, Solapur for the partial fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021-2022 This report represents the bonafide work of the student.

Project Guide

Dr. S Y Jadhay

Saminer Trapoles

Head



This is to certify that, Mr. Shelke Monish Madhukar student of M.Sc.II (Pharmaceutical Chemistry) has duly completed his project entitled "Synthesis Of Pyrazole Aldehyde And It's Derivatives" at Department of Chemistry, D.B.F. Dayanand College of Arts & Science. Solapur for the partial fulfilment and award of M.Sc. degree in Pharmaceutical Chemistry during the academic year 2021-2022. This report represents the bonafide work of the student.

Project Guide

Dr. S Y Jadhay

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#### Synthesis of Mn-CoFe2O4 by Chemical Co-precipitation Solapur Method

#### Department of Physics

### D.B.F Dayanand College of Arts and Science, of Solapur



#### Ву

#### Miss. Birajdar Vaishali Mahadev

#### Under Guidance of

Prof. E. K. Kore

Head, Department of Physics

D. B. F. Dayanand College of Arts and Science, Solapur

Maharashtra, India.

June-2022





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Damani Bhairuratan Fatehchand



Dayanand College of Arts & Science, Solapur.

DepartmentofPhysics

#### Certificate

Date: 08/ 07 / 2022

This is to Certify that,

Miss. Birajdar Vaishali Mahadev Roll No: [7262]; has completed the "Project" as required in M.Sc. II Sem. IVPhysics (Solid State) course prescribed by P.A.H. Solapur University, Solapur for the academic year 2021-22.

Teacher Incharge

Head of Department
HEAD OF PHISICS DEPARTMENT
DE EDAYANAND COLLEGE OF ARTS
AND SCIENCE, SOLAPUR

Examiner

#### "Synthesis and Characterization of Co-Mn Fe<sub>2</sub>O<sub>2</sub> Nanoparticles by Chemical Co-precipitation Method"

#### Submitted to

#### D. B. F. Dayanand College of Arts and Science, Solapur

#### Department of Physics



#### Ву

Miss. Saddu Vishwares Remain

Miss. Bharle Pratibha Gorgani

Miss. Gopale Aasawari Sudbir

Under Guidance of

Prof. E. K. Kore

Associate Professor in

Department of Physics

D. B. F. Dayanand College of Arts and Science, Solapur



Exam	Seat	No.			

Department of Physics



#### Certificate

Date: / / 2022

This is to Certify that,

Miss. Aishwarya Rajendra Saddu (7266)

Miss. Bharle Pratibha Gajanan (7265)

Miss. Gopale Aasawari Sudhir (7268) has completed the "Project" as required in M.Sc. II Sem. IV Physics (Solid State) course prescribed by P.A.H. Solapur University, Solapur for the academic year 2021-22.

Teacher In charge

Head of Department

Examiner

Gangji and Miss. Karishma Uddhav Kasabe, have successfully completed the project work on 'Synthesis, Structural and Supercapacitive Properties of Electrodeposited (Co-Mn)-Oxide Electrodes', for the partial tulfillment of M.Sc. Physics (Solid State) degree of Punyashlok Ahilyadevi Holkar Solapur University, Solapur under the guidance of Dr. S. G. Pawar as per the rules of Punyashlok Ahilyadevi Holkar Solapur University, Solapur University, Solapur University, Solapur for the academic year 2021-22.

This report represents the bonafide work of the student.

Dr. S. G. Pawar

Project Guide

Department of Physics

Department of Physics

D.B.F. Dayanand College of

Arts & Science, Solapur

Exam. Seat No.

716789

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Damani Bhairuratan Fatehchand

## Dayanand College of Arts & Science



Solapur.

Department of Physics

• Certificate •

Date: 1/07 / 2022

This is to Certify that,

Mrs. Shraddha Siddharam Sakkargi Roll No: 7258 has completed the "Project" required in M. Sc. II Sem. IV Physics (Solid State) course prescribed by P.A.H. Solapur University, Solapur for the academic year 2021-22.



Teacher In charge

Head of Department

TEAD OF PHYSICS DEPARTMENT TELEPAYANAND COLLEGE OF LOTS AND SCIENCE SOLATE

Examiner



## Department of Physics

#### CERTIFICATE

This is to certify that, Mr. Pratik Kanase. Mr. Lejas Hugar, Mr. Abhishek Kanai. Mr. Akash Kulkarni. Mr. Bhairoba Pawar student of M.Sc.II (Solid State Physics) has duly completed his synopsis for project entitled "NiO 1111N FILM FOR SUPERCAPACITION APPLICATIONS" at Department of Physics, D.B.F. Dayanand College of Arts & Science, Solapur for the partial fulfilment and award of M.Sc. degree in Solid State Physics during the academic year 2021-2022. This report represents the bonafide work of the student.

Project Guide

Prof. Dr. S. D. Chavan

Head Of Department Prof. Dr. R. N. Mulik

Examiner



Exam. Seat No. | 5/79/2

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Damani Bhairuratan Fatehchand

Dayanand College of Arts & Science, Solapur.



Department of Physics

#### Certificate

Date: 04/07 / 2022

This is to Certify that,

Mr./Ms.: Kajal Sunil shembade

Roll No: 7969 has completed the "Project" as required in M. Sc. II Sem. IV Physics (Solid State) course prescribed by P.A.H. Solapur University, Solapur for the academic year 2021-22.

Teacher In charge

Head of Department

Exam Seat No 713013

## Damani Bhairuratan Fatehchand Dayanand College of Arts & Science, Solapur.



Department of Physics

#### • Certificate •

Date: 7/ 2/ 2022

This is to Certify that,

Mr./Ms.: Haz	itsishna Donla.
Roll No:	has completed the " <b>Project"</b> as required in M. Sc. 11
Sem. IV Physics	(Solid State) course prescribed by P.A.H. Solapur University,
Solapur for the ac	cademic year 2021-22.

Examiner

Teacher In charge

Nead of Department

DEOLINE OF

### MSc II (2021-2022) Students Project distribution and Guide allotted

Sr. No.	Roll No	Name of student	Guide allotted	Title of project
1.	7313	Adaki Preeti Pundalik	Prof. Dr. S. N. Deshpande	Title1: Isolation & characterization of pigment
2.	7323	Hotkar Rutika Vitthal		producing bacteri from soil & their antibacterial activity.  Title 2: Isolation & characterization of pigment producing bacteria
3.	7330	Aken Tilottama Ramesh	8	
4.	7303	Mohole Aditya Pandurang		
5.	7305	Dhodmani shrishail Gurusiddhappa		
6.	7306	Malvadkar Prasad Satish		from soil & determination of SPF of pigment.
7.	7318	Mudake Kishori Sanjaykumar	Prof. Dr. N. R. Damle	Title 1: Study of various parameters of different wastewater samples. Title2: Discoloration & degradation of azo dyes using bacterial consortium.
8.	7314	Adam Ruchika Sanjeev		
9.	7316	Gawandi Govindprasad Gurunath		
10.	7310	Putta Navinkumar Ambadas		
11.	7304	Shinde Pranav Hanmant		
12.	7309	Mali nilesh shivaji		
13.	7317	Baraskar Abhijeet Dattatraya		
14.	7326	Mhamane Arya Sharad	Mr. S. H. Kamble	e Title: Role of Bacteriophages as biocontrol agents.
15.	7321	Chavan Ashwini Hanumant		
16.	7320	Gaikwad Mayuri Dattatray		
17.	7308	Patil Gayatri Sanjay		
18.	7319	Shital shahajirao kale		
19.	7307	Udata Megha Nagesh	DCOLLEGE OF TE	
20.		Salunke Akash ramakant		

Nalpe Aniket Shrimant S. H. Kambie

23	7301	Kulkarni Pranita Subhash	Mrs. R. R.	Title1: Ecofriendly dyeing	
24	7302	Dhulam Manisha Sidram	Shivsharan	of cloths using microbial pigments.  Title2: Comparative phytotoxicity study of microbial pigments and chemical dyes.	
25	7311	Khurd Vaishnavi Dattatray			
26	7312	Apurva Narayan gurram			
27	7315	Racharla Kiran chandrakant			
28	7328	Udgiri Amruta Ajay			
29	7329	Mete Aishwarya Sanjay			
30	7325	Gadekar Santosh Mahadev			

Eschpande

Head department of Microbiology

Prof. Dr. S. N. Deshpande



#### D.B.F. DAYANAND COLLAGE OF ARTS AND SCIENCE, SOLAPUR



## DEPARTMENT OF MICROBIOLOGY CERTIFICATE

This is to certify that Miss.PREETI PUNDALIK ADAKI studying in M.Sc.II Microbiology has satisfactorily completed the project work entitled "SCREENING OF PIGMENTED BACTERIA AND THEIR ANTIBACTERIAL ACTIVITY" which has been prescribed by Solapur University Solapur in Partial fulfillment of the M.Sc. II Microbiology in year 2021-2022.

Place - Solapur

777777177777777777777777777777777

Date -15/5/2022

Destroande

Prof. Dr. S.N. Deshpande

HOD Department of Microbiology

DBF Dayanand college of

Arts And Science, Solapur.

Deshpande

Prof. Dr. S. N. Deshpande

(project guide) Prof

Department of Microbiology

D.B.F Dayanad college of Arts

And Science, Solapur

Examiner 1



Examiner 2

#### D.B.F. DAYANAND COLLAGE OF ARTS AND SCIENCE, SOLAPUR



## DEPARTMENT OF MICROBIOLOGY CERTIFICATE

This is to certify that Miss. Rutika Vitthal Hotkar studying in M.Sc.II Microbiology has satisfactorily completed the project work entitled "SCREENING OF PIGMENTED BACTERIA AND THEIR ANTIBACTERIAL ACTIVITY" which has been prescribed by Solapur University Solapur in Partial fulfillment of the M.Sc. II Microbiology in year 2021-2022.

Place - Solapur

Date - 5/2/2022

Desponde

Prof. Dr. S.N. Deshpande

HOD Department of Microbiology

D.B.F Dayanand college of

Arts And Science, Solapur.

Deshpande

\*

Prof. Dr. S. N. Deshpande

(project guide) Prof

Department of Microbiology

D.B.F Dayanad college of Arts

And Science, Solapur

Examiner 1



Examiner 2

\*\*\*\*\*\*\*\*\*\*\*\*

## D.B.F. DAYANAND COLLAGE OF ARTS AND SCIENCE, SOLAPUR



### DEPARTMENT OF MICROBIOLOGY CERTIFICATE

This is to certify that Miss. Tilottama Ramesh Aken studying in M.Sc.II Microbiology has satisfactorily completed the project work entitled "SCREENING OF PIGMENTED BACTERIA AND THEIR ANTIBACTERIAL ACTIVITY" which has been prescribed by Solapur University Solapur in Partial fulfillment of the M.Sc. II Microbiology in year 2021-2022.

Place - Solapur

米米米米米米

Date -11/17/2022

Destipande

Prof. Dr. S.N. Deshpande

HOD Department of Microbiology

D.B.F Dayanand college of

Arts And Science, Solapur.

Dedupande

Prof. Dr. S. N. Deshpande

(project guide) Prof

Department of Microbiology

D.B.F Dayanad college of Arts

And Science, Solapur

Examiner 1



## D.B.F. DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



### DEPARTMENT OF MICROBIOLOGY

## **™CERTIFICATE**

This is to certify that Mr. Aditya Pandurang Mohole Roll No. -7303

Lead in M.Sc. II Microbiology has satisfactorily completed the project work

"ANTIMICROBIAL RESISTANCE PATTERN in Staphylococcus

with SPECIAL REFRENCE to HIGHER ANTIBIOTICS" which has

prescribed by Solapur University, Solapur in partial fulfilment of the M.Sc. II

Metablology in year 2021-2022.

Pace - Solapur.

Dune -09/05/2022

Dr. Deepak Shinde

Project Guide)

Asser Professor.

Microbiology,

> 1. M. G.M. C.

Bestpande

Prof. Dr.S.N.Deshpande

(Project Co-Guide)

Department of Microbiology, D.B.F.Dayanand College

of Arts and Science, Solapur.

Bestpande

Prof. Dr.S.N.Deshpande

H.O.D. Dept. of Microbiology

Department of Microbiology,

D.B.F.Dayanand College

of Arts and Science, Solapur.

Liftinger



## D.B.F. DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



### DEPARTMENT OF MICROBIOLOGY

## **≈**CERTIFICATE ≪

This is to certify that Mr. Shrishail Gurusiddhappa Dhodmani Roll No. -7305 studying in M.Sc. II Microbiology has satisfactorily completed project work entitled "ANTIMICROBIAL RESISTANCE PATTERN in Staphylococcus aureus with SPECIAL REFRENCE to ANTIBIOTICS" which has been prescribed by Solapur University, Solapur in regular fulfilment of the M.Sc. II Microbiology in year 2021-2022.

ace: - Solapur.

Date: 09/05/2022 .

Deepak Shinde

Project Guide)

Professor,

arement of Microbiology, D.B.F.Dayanand College

- V. M. G. M. C.

Destrante

Prof. Dr.S.N.Deshpande

(Project Co-Guide)

Department of Microbiology,

of Arts and Science, Solapur.

Exchange

Prof. Dr.S.N.Deshpande

H.O.D. Dept. of Microbiology

Department of Microbiology,

D.B.F.Dayanand College

of Arts and Science, Solapur.

Examiner !

Solapur.



## D.B.F. DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR



# DEPARTMENT OF MICROBIOLOGY

## **≫**CERTIFICATE**≪**

This is to certify that Mr. Prasad Satish Malvadkar Roll No. -7306 studying in M.Sc. II Microbiology has satisfactorily completed the project work entitled "ANTIMICROBIAL RESISTANCE PATTERN in Staphylococcus unreus with SPECIAL REFRENCE to HIGHER ANTIBIOTICS" which has een prescribed by Solapur University, Solapur in partial fulfilment of the M.Sc. 7 Microbiology in year 2021-2022.

Place: - Solapur.

Date: -09/05/2022

of Arts and Science, Solapur, Department of Microbiology. Dr. Deepak Shinde ≥ V. M. G. M. C. (Project Guide) int. Professor. 'inde

Boeshponde

Boeshpande

Prof. Dr.S.N.Deshpande (Project Co-Guide) Department of Microbiology, D.B.F.Dayanand College

H.O.D. Dept. of Microbiology Department of Microbiology. of Arts and Science, Solapur. Prof. Dr.S.N.Deshpande D.B.F.Dayanand College

Evaminer 1



## D.B.F. Dayanand College of Arts and Science, Solapur.



# Department of Microbiology

## CERTIFICATE

Date:13/5/2022 This is to certify that Miss. Mudake Kishori Sanjaykumar

has satisfactorily completed the research project entitled

"Decolorization of Reactive Red HE7B dye by bacterial isolate" in the Department of Microbiology as prescribed by the P.A.H Solapur

University ,Solapur for M.Sc.II during the academic year 2021-2022.

Project guide

Ne amount

Head of Department

Spedyponde



## D.B.F. Dayanand College of Arts and Science, Solapur.



## Department of Microbiology

CERTIFICATE

Date: 13/05/2022

"Decolorization of Reactive Red HE7B dye by bacterial isolate" in the Department of Microbiology as prescribed by the P.A.H Solapur has satisfactorily completed the research project entitled Adam Ruchika Sanjeev This is to certify that Miss.

University ,Solapur for M.Sc.II during the academic year 2021-2022.

Project guide

Head of Department

Boedspande



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# DAYANAND COLLEGE OF ARTS & SCIENCE,



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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* DAYANAND COLLEGE OF ARTS & SCIENCE,



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# DEPARTMENT OF MICROBIOLOGY

CERTIFICATE

75 75

Date: 06 / 05 /2022

NAVINKUMAR AMBADAS PUTTA This is to certify that Shri/Kum.

of D.B.F Dayanand College of Art and Science, Solapur has satisfactorily completed in plant training entitled "Comparative Study of parameters of different effluent water samples" at the Greenfield Common Effluent Treatment Plant, Chincholi MIDC, Solpaur from 8<sup>th</sup> Nov'2021 to 11th Dec'2021. 7310 Roll. No.



Project Guide



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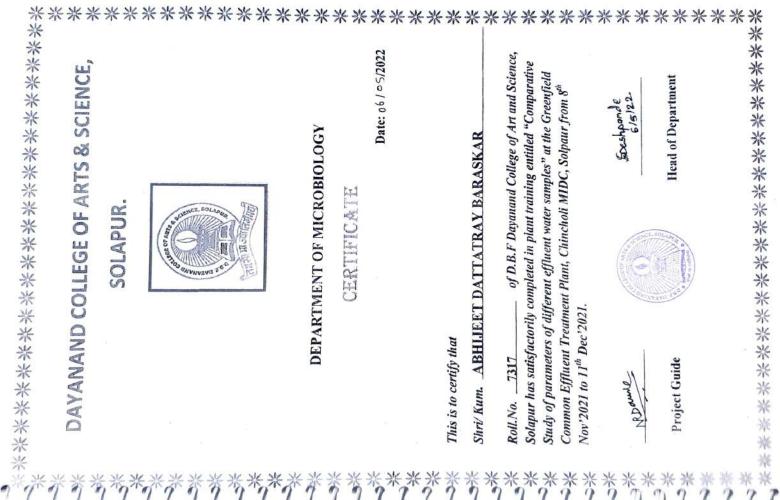
Head of Department













# D.B.F.Dayanand College of Arts and Science, Solapur.



# Department of Microbiology

## Certificate

Date :N/S/2022

and corruly that Miss. ARYA S. MHAMANE has satisfactorily completed the research phases Against Bacterial Blight Disease of Pomegranate Caused by Xanthomonas ses ps. punicae" in the Department of Microbiology as prescribed by the D. B. F. and College of Arts and Science, Solapur for M.Sc.II during the year 2021-2022. Antibacterial "Bacteriophages as a Bio Control Agent:

Mr. S.H.Kamble

Research Guide)

Prof. Dr.S.N.Deshpande Bedgonde

(Head of the Department)





## Department of Microbiology

## Certificate

Date :10/5/2022

This is to certify that Chavan Ashwini Hanumant has satisfactorily completed the ö Bacteriophages against human pathogen in the Department of Microbiology as prescribed by the D. B. F. Dayanand College of Arts and Science, Solapur for M.Sc. Ilduring the year 2021-2022. Antimicrobial action a Biocontrol agent" research project entitled "Bacteriophage as

Research Guide)

Mr. S. H. Kamble

Boshande

(Head of the Department)

Prof. Dr. S.N. Deshpande





Department of Microbiology

## Certificat

Date :10/05/2022

This is to certify that Gaikwad Mayuri Dattatray has satisfactorily completed the research project entitled Bacteriophage as a Biocontrol agent" Antimicrobial action of Bacteriophages against human pathogen in the Department of Microbiology as prescribed by the D. Dayanand College of Arts and Science, Solapur for M.Sc. IIduring the year 2021-2022

Research Guide)

Mr. S. H. Kamble

Brooks

(Head of the Department)

Prof. Dr. S.N. Deshpande



# D.B.F.Dayanand College of Arts and Science, Solapur.



# Department of Microbiology

## Certificate

This is to certify that Miss Gayatri Sanjay Patil has satisfactorily completed the research

Date : |Ø/S7/2022

"Bacteriophages as a Bio Control Agent: Antibacterial project entitled

Bacteriophages Against Bacterial Blight Disease of Pomegranate Caused by Xanthomonas

exenopodis pv. punicae" in the Department of Microbiology as prescribed by the D. B. Dayanand College of Arts and Science, Solapur for M.Sc.II during the year 2021-2022.

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Mr. S.H.Kamble

(Research Guide)

THE THE SEC.

Bestpandle

Prof. Dr.S.N.Deshpande

(Head of the Department)



## Department of Microbiology

## Certificate

Date 10/092022

against human pathogen".in the Department of Microbiology as prescribed by the D. B. F. project entitled Bacteriophage as a Biocontrol agent" Antimicrobial action of Bacteriophages Dayanand College of Arts and Science, Solapur for M.Sc. Ilduring the year 2021-2022. This is to certify that Kale Shital Shahajirao has satisfactorily completed the research

(Research Guide)

Mr. S. H. Kamble

Boedgande

(Head of the Department)

Prof. Dr. S.N. Deshpande



# D.B.F.Dayanand College of Arts and Science, Solapur.



# Department of Microbiology

## Certificate

Date :10/5/2022

project entitled "Bacteriophages as a Bio Control Agent: Antibacterial Action of This is to certify that Miss Megha Nagesh Udata has satisfactorily completed the research Dayanand College of Arts and Science, Solapur for M.Sc.II during the year 2021-2022 axonopodis pv. punicae" in the Department of Microbiology as prescribed by the D. B. F. Bacteriophages Against Bacterial Blight Disease of Pomegranate Caused by Xanthomonas

Mr. S.H.Kamble

(Research Guide)

Boshpande

Prof. Dr.S.N.Deshpande

(Head of the Department)



# D.B.F.Dayanand College of Arts and Science, Solapur.



# Department of Microbiology

Date 10/05/2022

project entitled "Bacteriophages as a Bio Control Agent: Antibacterial Action of Dayanand College of Arts and Science, Solapur for M.Sc.II during the year 2021-2022 axonopodis pv. punicae" in the Department of Microbiology as prescribed by the D. B. F. Bacteriophages Against Bacterial Blight Disease of Pomegranate Caused by Xanthomonas This is to certify that Mr. AKASH R. SALUNKE has satisfactorily completed the research

Mr. S.H.Kamble

(Research Guide)

Prof. Dr.S.N.Deshpande

(Head of the Department)



Department of Microbiology

## Certificate

Date 10/05/2022

Dayanand College of Arts and Science, Solapur for M.Sc. Ilduring the year 2021-2022. against human pathogen in the Department of Microbiology as prescribed by the D. B. F. project entitled Bacteriophage as a Biocontrol agent" Antimicrobial action of Bacteriophages This is to certify that Nalpe Aniket Shrimant has satisfactorily completed the research

(Research Guide)

Mr. S. H. Kamble

Brestman &C

(Head of the Department)

Prof. Dr. S.N. Deshpande



# D.B.F Dayanand College of Arts and Science, Solapur Department of Microbiology

Certificate

Date -: 9/05 / 2022

year 2021-22. Pigments and "Ecofriendly satisfactorily Microbiology College of Arts and Science, Solapur for M Sc. II during This is to certify that Miss Pranita Subhash Kulkarni has completed the as Dyeing of its Phytotoxicity" In prescribed Cloths by research the using D.B.F the department of project Entitled Microbial Dayanand

alsha

(Research guide) Ms. R.R. Shivsharan

Dr. S.N. Deshpande

Prof.

(Head of the Department)

# D.B.F Dayanand College of Arts and Science, Solapur Department of Microbiology

Certificate

Date -: 9/05/2022

year 2021-22. Microbiology as Pigments and its Phytotoxicity". In the department of "Ecofriendly satisfactorily This is to certify that Miss Manisha Sidram Dhulam has College of Arts and Science, Solapur for M Sc. II during completed the Dyeing of Cloths using Microbial prescribed by the research project Entitled D.B.F Dayanand

(Research guide) Ms. R.R. Shivsharan



Boedyande

(Head of the Department)

Prof. Dr. S.N. Deshpande

# D.B.F Dayanand College of Arts and Science, Solapur Department of Microbiology

Certificate

Date -: 11 / 05/ 2022

This is to certify that Miss Khurd Vaishnavi

Solapur for M Sc. II during year 2021-22 the D.B.F Dayanand College of Arts and Science, In the department of Microbiology as prescribed by using Microbial Pigments and its Phytotoxicity" project Entitled "Ecofriendly Dyeing of Cloths Dattatray has satisfactorily completed the research

Ms. R.R. Shivsharan (Research guide)

Esselpaile

Prof. Dr. S.N. Deshpande (Head of the Department)



D.B.F Dayanand College of Arts and Science, Solapur Department of Microbiology Certificate

"Ecofriendly satisfactorily This is to certify that Ms Apurva Narayan Gurram has completed the research project Entitled Dyeing of Cloths Date -: II/5 / 2022

year 2021-22. College of Arts and Science, Solapur for M Sc. II during Pigments and its Phytotoxicity" In the department of as prescribed by the Dayanand







(Head of the Department) Prof. Dr. S.N. Deshpande

# D. B. F. Dayanand College of Arts and Solonoe. Solapur. Department of Microbiology

## CERTIFICATE

Date: 11/05/ 2022

D. B. F. Dayanand College of Arts and Science. Solupur for M. Se. Il during your and it's Phylotoxic study. In the department of Microbiology as prescribed by the completed the research project Entitled "Screening of Dye decolorizing bacteria This is to certify that Miss. Racharla Kiran Chundrakant hus satisfactorily

A. I. III. III.

Ms. Shivsharan RR

(Research guide)

( Read

Socolyande

Prof. Dr. S. N. Deshpande

( Head of the Department)

## CERTIFICATE

Date: 11 /05 / 2022

2021-22. the research project Entitled "Screening of Dye decolorizing bacteria and it's Phytotoxic study" In the department of Microbiology as prescribed by the This is to certify that Miss. Udgiri Amruta Ajay has satisfactorily completed D.B.F Dayanand College of Arts and Science, Solapur for M Sc. II during year

Ms. Shivsharan RR

Prof. Dr. S.N. Deshpande

(Research guide)

( Head of the Department)



## D.B.F Dayanand College of Arts and Science, Solapur. Department of Microbiology

CERTIFICATE

Date: 1]/05/2022

Sc. II during year 2021-22. prescribed by the D.B.F Dayanand College of Arts and Science, Solapur for M completed the research project Entitled "Screening of Dye decolorizing This is to certify that Miss. Mete Aishwarya Sanjay has satisfactorily bacteria and it's Phytotoxic study". In the department of Microbiology as

Asserting Programmer Ms. Shivsharan RR

(Research guide)

( Head of

( Head of the Department)

Prof. Dr. S.N. Deshpande

# D.B.F Dayanand College of Arts and Science, Solapur. Department of Microbiology

## CERTIFICATE

Date: |0/05/ 2022

Sc. II during year 2021-22. prescribed by the D.B.F Dayanand College of Arts and Science, Solapur for M bacteria and it's Phytotoxic study" In the department of Microbiology as completed the research project Entitled "Screening of Dye decolorizing This is to certify that Mr. Gadekar Santosh Mahadev has satisfactorily

Aniphony

Geshpande

Ms. Shivsharan RR

Prof. Dr. S.N. Deshpande

(Research guide)

( Head of the Department)



Botany M.Sc. II

### SOLAPUR UNIVERSITY, SOLAPUR

D. B. F. DAYANAND COLLEGE OF ARTS AND SCIENCE.





## DEPARTMENT OF BOTANY CERTIFICATE

Date:

Exam seat no:

This is to certify that, Miss. Ankam V. G., Department of Botany, D. B. F. Dayanand College of Arts & Science, Solapur University, Solapur has successfully completed the project entitled "Screening of Secondary Metabolites and Antibacterial Activity of Medicinal Plants" in the partial fulfilment of course Master of Science in Botany (Plant Physiology), Solapur University, Solapur. She had worked in the Department of Botany, D. B. F. Dayanand College, Solapur, from 21<sup>st</sup> Dec. 2021 to 22<sup>th</sup>July 2022.

Head of Botany

Department

Shrichippa A. V.

**Project Guide** 







## Punyashlok Ahilydevi Holkar solapur University

## D. B. F. Dayanand College of Arts & scinence, Solapur

## P. G. DEPARTMENT OF BOTANY

### CERTIFICATE

Date / /2022

Exam seat No

This is certified that Miss. P K Ghante P. G. Department of Botany D.B. F. Dayanand college of Arts & science, has successfully completed the project work entitled Effect of Azotobacter (biofertilizer) and chemical fertilizer on Growth of Brinjal plant (solanum melongena L.) for the partial fulfillment of degree of master of scince in Botany Punyashlok Ahilydevi Holkar solapur

Ms.D A Satpute

University

**Project Guide** 

**Botany** 

Dr.M N Jagtap

**Head Of Department** 

Examiner







Puryashlok Ahilyadovi Holkar Solapus Uniye aky

D.B.F.Dayanand College of Arts & Science, Solapur

## P.G. Department of Botany

## **CERTIFICATE**

Date: 4-Jully-2022

Exam Seat -7064

This is to certify that Miss. Gund Chhaya Shankar P.G. Department of Botany, D.B.F. Dayanand College of Arts &Science, has successfully completed the project work entitled "Medicinal plants" for the partial fulfilment of degree of master of science in Botany (Plant Physiology) ,Punyashlok Ahilyadevi Holkar, Solapur university, Solapur.

Puteon

Ms.Satpute D.A.

Project Guide Botany

Examiner

Dr. Jagtap M.N.

Head Department of







## Punyashlok Ahilyadevi Holkar Solapur University, Solapur D.B.F. Dayanand College of Arts & Science, Solapur

### PG Department of Botany

Certificate

Date: 04/07/22

Exam Seat No:

This is to certify that, Miss. Snehal Sadashiv Kore, PG Department of Botany, D.B.F Dayanand College of Arts & Science, Solapur University, Solapur, has Successfully Completed The Project Entitled "Ethnobotanical study of plants in Solapur district." for the Partial Fulfilment of Course Master of Science in Botany (Plant Physiology), Solapur University, Solapur.

Prof. Dr. N.M. Pise

Head of Department of Botony

K.B.P. College,

Pandhapur.

Prof. Dr. M.N. Jagtap

217/2072

Head of Department of Botony

D.B.F Dayanand College of Arts &

Science,

Solapur.

Solapur University, Solapur.





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## D. B. F. Dayananyk College of Atts and Science, Solapur

## PG Department of Botany

Certificate\*

Date: 04/07/2002

### Exam seat No:

This is to certify that, Ms. Mashyal Ranii Chidanand. PG Department of Botany, D. B. F. Dayanand college of Arts and Science, Solapur University, Solapur, has successfully completed the Project entitled "TO STUDY THE CULTIVATION OF GRAPES I VILIS VINIFERD) WITH REFERENCE TO MORPHOLOGY & PRODUCTION OF RAISINS" for the partial fulfillment of course Master Of Science in Botany (Plant Physiology), Solapur University, Solapur.

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Examiner

Guide

Prof. Dr. M. N. Jagtap

Head of Department







## PAR SOLAPER I SIVERSITY, SOLAPER D B.F. DAVANAND COLLEGE OF ARTS & SCIENCE, SOLAPER MAHARASHTRA

Pt. Department of Rotans

certificate

Date:

Fram Seat Vo.

This is to certify that, *Miss. Vidya Vilas patil* Department of Salay and Dovanara College of Arts & Science, Solapur has successfully completed the Project Entitled "To Study the Physiological Role in Groundnut Plants." in the partial fulfilled of course Master of Science (M.Sc.) of Botany (Plant Physiology). Solapur University, Solapur, Maharashtra during 2021–2022.

Miss. Vibhute P. S.

M. Sc. NET

(Project Guide)

Jonatha Land

Framiner

Tainin

Prof. Dr. M. N. Jagtap

Head Department of Botany.

D.B.F. Dayanand college Solapur.





## PARSOLAPIR UNIVERSITY, SOLAPIR D.B.F. DAVANAND COLLEGE OF ARIS & SUIFSUE, SOLAPER MAHARASHIRA

Pt. Department of Botans

certificate

Hate:-

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Exam Seat No.

This is to certify that, Mr. Mahanand Soma Raut Department of Botany. D.B.F. Dayanand College of Arts & Science, Solapur has successfully completed the Project Entitled "To Study the Physiological Role in Groundnut Plants." in the partial fulfilled of course Master of Science Botany (Plant Physiology), Solapur University, Solapur, Maharashtra during 2021-2022.

Miss. Vibhute P. S.

M. Sc. NET

(Project Guide)

HOD DPT of Botany

DSG College, Mohol.

Prof. Dr. M. N. Jagtap

Head Department of Botany.

D.B.F. Dayanand college Solapur.

PAH Solapur University, Solapur.



## D.B.F. DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR - 413002

2021-2022





Exam Seat No.

## D.B.F. DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR

Roll No. 7059

### Date:-

This is to certify that, Miss. Siddham Pratibha Govardhan has successfully completed the project entitled Phytochemical Analysis of medicinal plants of "Clitoria ternatea L" as required in the Botany course prescribed by PAH Solapur University, Solapur for M.Sc. project work under my supervision in the year 2021-2022.

**Project Guide** 

and

**Head of Department of Botany** 





D.B.F. Dayanand College of Arts & Science, Solapur



## P.G. Department of Botany

## CERTIFICATE

Date:

Exam Seat No.:

This is to certify that Miss. Gawade Manju Anna P.G.
Department of Botany, D.B.F. Dayanand College of Arts &
Science, has successfully completed the project work entitled
"e-Flora Of Kamati (BK) of Solapur District." for the partial
fulfilment of degree of master of science in Botany(Plant
Physiology) ,Punyashlok Ahilyadevi Holkar, Solapur university,
Solapur.

Dr. Randive S.D.

Project Guide

Juna

Dr. Jagtap M.N.

Head Department of Botany



D.B.F. DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR MAHARASTRA



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#### PG Department of Botany

Certificate

Date:- / /2022

Exam Seat No:-

This is to certify that, Mr. Pawar Rohit Hanmant, PG Department of Botany, D.B.F Dayanand College of Arts & Science, Solapur University, Solapur, has Successfully Completed The Project Entitled "The analysis of Break down of Natural dormancy period of, maize. sorghum, pearl millet and chick pea seeds in black soil" for the Partial Fulfillment of course Master of Science in Botany, Solapur University,

> Maharashtra during 2021-2022. 18.6.202

Vembhurne

(Project Guide) Department of Botany

Sangola College Sangola

**Examiner** 

Prof. Dr. M.N. Jagtap

Head Department of Botany, D.B.F. Dayanand College, Solapur

PAH Solapur University Solapur



# PAH SOLAPUR UNIVERSITY, SOLAPUR D.B.F. DAYANAND COLLEGE OF ARTS & SCIENCE, SOLAPUR MAHARASTRA.





### PG Department of Botany

Certificate

Date:- / /2022

Exam Seat No:-

This is to certify that, Mr. Kore Suraj Yallappa, PG Department of

Botany, D.B.F Dayanand College of Arts & Science, Solapur

University, Solapur, has Successfully Completed The Project Entitled

"MEDICINAL PLANTS" for the Partial Fulfillment of course Master

of Science in Botany, Solapur University, Maharashtra during 2021-

2022.

Dr. S. M. DAHITNEKAR (H.O.D)

Examiner

(Project Guide)

Department of Botany Sangmeshwar College Solapur



Prof. Dr. M.N. Jagtap

Head Department of Botany,

D.B.F. Dayanand College, Solapur

PAH Solapur

University Solapur

# D.B.F DAYANAND COLLEGE OF ARTS AND SCIENCE SOLAPUR - 413002

2021 - 2022





Exam seat No:-

D.B.F DAYANAND COLLEGE OF ARTS AND SCIENCE
SOLAPUR

Roll No:- 7052

Date:-

This is certify that Miss. Hanjage Sonali Pandit has satisfactory completed the project entitled "PHYTOCHEMICAL ANALYSIS OF Clitoria ternatea" as required in the Botany course prescribed work under my supervision in the year 2021 – 2022.

Project Guide

anw

Head, Department of Botany

## CERTIFICATE

This is to certify that Mini project entitled "e-FLORA OF DIGITAL HERBARIUM OF KAMEL (KHU)" has been carried the out and is submitted by the following students in the partial fulfilment for award of the degree of Master in botany as prescribed by the D.B.F Dayanand College Arts and Science, Solapur.

Dr. Randive S.D. (Guide)

Land

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Examiner

Dr. Jagtap M.N

(Head of the Botany Department)







D.B.F.Dayanand College of Arts & Science, Solapur

# P.G. Department of Botany

## CERTIFICATE

Date:

Exam Seat

This is to certify that Miss. Naiknaware Priyanka
Ha numant P.G. Department of Botany, D.B.F. Dayanand College of Arts
& Science, has successfully completed the project work entitled "Medicinal
plant in Solapur District" for the partial fulfilment of degree of master of
science in Botany (PlantPhysiology), Punyashlok Ahilyadevi Holkar, Solapur
university, Solapur.

Miss.Randive S.D.

Janua

Project Guide Botany Dr. Jagrap M.N.

Head Department of



#### CERTIFICATE

This is to certify Ms. Rane Goutami Ramesh (7055) that the Project entitled "Effect of Azotobacter (Biofertilizer) and Chemical fertilizer on Growth of Brinjal plant (Solanum melongena L.)", has been carried out and is submitted by her in the partial fulfilment for the award of the degree of Master in Botany (M.Sc. II) as prescribed by the D.B.F. Dayanand College of Arts & Science, Solapur.

Ms. Dipali A. S

Ms. Dipali A. Satpute (Guide)

Dr. M.N. Jagtap

Head of the Department and Research centre of Botany

(1) 100° 11° 1







#### D.B.F.Dayanand College of Arts & Science, Solapur

# P.G. Department of Botany CERTIFICATE

Date:

Exam Seat

This is to certify that Miss. Gade Kajal balu P.G.

Department of Botany, D.B.F. Dayanand College of Arts

&Science, has successfully completed the project work entitled

"To study the farming of pomegranate and its y" for the partial
fulfilment of degree of master of science in Botany(Plant
Physiology), Punyashlok Ahilyadevi Holkar, Solapur university,
Solapur.

Dr. Satpute

**Project Guide** 

or. Jagtap M.N.

Head Department of Botany



Punyashlok Ahilyadevi Holkar Solapur University

## D.B.F DAYANAND COLLEGE OF ARTS AND SCIENCE SOLAPUR - 413002



# DEPARTMENT OF BOTANY CERTIFICATE

Date: 04/07/22

Roll No: 7067

This is to certify that, Miss. Aishwarya Suresh Ligade, Department of Botany, D. B. F. Dayanand College of Arts & Science, Punyashlok Ahilyadevi Holkar Solapur University, Solapur has successfully completed the project entitled "Screening of Secondary Metabolites from Medicinal Plants" in the partial fulfilment of the course Master of Science in Botany (Plant Physiology), Punyashlok Ahilyadevi Holkar Solapur University, Solapur. She had worked in the Department of Botany, D. B. F. Dayanand College, Solapur, for the year 2021-22.

Miss. Shrichippa A. V.

Project Guide

Dr. Jagtap M.N.

Head, Department of Botany

(Jan)

Exam Seat No. 615981



## D.B.F. DAYANAND OF ARTS AND SCIENCE, SOLAPUR.

## DEPARTMENT OF ZOOLOGY <u>CERTIFICATE</u>

DATE:- \ /07/2022

This is to certify that Miss. Vidya Sunil Patil Roll No.7117 has satisfactorily completed the Project entitled To "SURVEY OF THALASSEMIA PATIENT IN SOLAPUR DISTRICT" At M.Sc Part-II, Zoology as prescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur. During Year 2021-2022

Teacher In-Charge



Head Of Department
| 7 2027

HEAD OF THE

ZOOLOGY DEPARTMENT

Examiner

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D.B.F. DAYANAND OF ARTS AND SCIENCE, SOLAPUR.

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#### D.B. F. Dayanand College of Arts and Science, Solapur

# Department of Zoology Certificate

Dateo | / 7 / 2022

This is to certify that <u>Shri. Raut Shreyas Sanjay</u> Roll No. <u>7107</u> has satisfactorily completed the Project entitled: <u>Solid waste management for Solapur Municipal Corporation, Solapur at M.Sc. Part II, Zoology as prescribed by <u>Punyashlok Ahilyadevi Holkar Solapur University, Solapur during the year 2021-2022.</u></u>

Teacher In Charge

Examiners



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Head of the Department

HEAD OF THE

ZOOLOGY DEPARTMENT

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## D.B.F. Dayanand College of Arts and Science, Solapur.

#### Department of Zoology Certificate

Date: 1/07/2022

This is to certify that Mr. Chavan Vijayraj Hanmant Roll No.7108 has satisfactorily completed the Project entitled "Body Mass Index Of Students (BMI)" at M.Sc. Part II, Zoology as prescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur, during the year 2021-2022.

Jamel . B.

lalalar Head of the department HEAD OF THE

ZOOLOGY DEPARTMENT

. B. F. Davanand College, Solapu-21712022

Evarn Seat No 119729



#### D.B. F. Dayanand College of Arts and Science, Solapur

# Department of Zoology Certificate

Date: 1/7/2022

This is to certify that Miss. Kasabe Saloni Sanjay Roll No. 7115 has satisfactorily completed the Project entitled: "Study of Avifaunal Diversity of Yamai Lake in Pandharpur Dist. solapur (M.S.)" at M.Sc. Part II, Zoology as prescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur during the year 2021-2022.

Teacher In-Charge

Examiners



Head of the Department HEAD OF THE ZOOLOGY DEPARTMENT 0, B F. Davanana College, Science

113/2000



#### CERTIFICATE

This is to certify that a project titled, "STUDY OF DIVERSITY OF BUTTERFLY IN SOLAPUR (MH), INDIA" is a work done by Miss. Deshamane Shweta Siddharam, has satisfactorily completed and submitted this project report as required in Zoology course prescribed by P.A.H. Solapur University, Solapur for M.Sc II Zoology Practical examination under my supervision in the year 2021-22. This work has not previously formed the basis for the award of any degree, diploma, associate ship, fellowship or similar other titles and that it is an independent work done by her.

Roll. No.7116

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Exam Seat No. 520640

Date: 01/07/2022

Teacher incharge

Examiners

17/2000.

Asst. Brof. Dr. Dama L.B.
Head, Department of Zoology

Head, Department of Zoology Dayanand College, Solapur

> HEAD OF THE . ZOOLOGY DEPARTMENT

J. B. F. Davanana College, Solabe



# DAYANAND COLLEGE, SOLAPUR. Department of Zoology

#### Certificate

Date :1/07/2022

This is to certify that Miss. Kulkarni Mohini Madhav Roll No: 7111 has satisfactorily completed the project entitled "Study of Stored Cereal Pests from" at M.Sc.-ll as prescribed by Solapur University, Solapur, during 2021-2022

Teacher In-charge

Head of the Department

0. S. F. Dr. commind College, Spinour

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Examiner

Ustalot 2/7/2022



Exam Seat No. 7.1.8.7 10



#### D.B. F. Dayanand College of Arts and Science, Solapur

# Department of Zoology Certificate

Date: 1/7/2022

This is to certify that Shri. Neeraj Mangesh Pawar Roll No. 7113 has satisfactorily completed the Project entitled: Physico-Chemical Analysis and Zooplankton Diversity Of Sambhaji Lake at M.Sc. Part II, Zoology as prescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur during the year 2021-2022.

Teacher In-Charge

Examiners

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Head of the Department
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ZOOLOGY DEPARTMENT

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Dayanand College, Solapur



# D.B.F. Dayanand College of Arts and Science, Solapur. Department of Zoology Certificate

Date: 1/07/2022

This is to certify that Miss. Prachi Shashishekhar Ganechari Roll No. 7102 has satisfactorily completed the Project entitled "Solid Waste Management And Preparation Of Vermicompost" at M.Sc. Part II, Zoology as prescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur, during the year 2021-2022.

Teacherm Charge



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ZOOLOGY DEPARTMENT O. B. F. Davagend College, Solapu.

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#### D. B. F. Dayanand College of Arts and Science, Solapur.

#### **Department of Zoology**

Certificate

Date:	
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This is to certify that

#### Mr. Vitthal Pandit Salgar

Roll No. 7104 Has satisfactorily completed the Project entitled:

#### "Study of Tuberculosis in human"

At M.Sc. Part 2, as prescribed by Solapur University, Solapur. During the year 2021-2022

Teach In-Charge

Head of the Department

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Exam Seat No. 713009.



# D.B.F. Dayanand College of Arts and Science, Solapur. Department of Zoology Certificate

Date:01/07/2022

This is to certify that Mr. Lale Indrajeet Madan Roll No. 7105 has satisfactorily completed the Project entitled "PREPARATION OF VERMICOMPOST AND IT'S EFFECTS ON PLANTS" at M.Sc. Part II, Zoology as prescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur, during the year 2021-2022.

Teacher in-Charge



Head of the department

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ZOOLOGY DEPARTMENT
3. B. F. Davanand College, Solanu.

Page | 2

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#### D.B. F. Dayanand College of Arts and Science, Solapur

#### **Department of Zoology**

#### Certificate

Date: 1 / 67/2021\_

This is to certify that Shri / Kum More Pooja Mahesh

Roll No. 7101 has satisfactorily completed the Project entitled "Preparation Of Low Cost Vermi compost And 115 Effects on Flowering Plants

at M.Sc. Part II, Zoology as prescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur, during the year 2020-2021.

Teacher in-Charge

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Head of the Department
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ZOOLOGY DEPARTMENT
D. B. F. Davanand College, Solapur





## D.B. F. Dayanand College of Arts and Science, Solapur

#### **Department of Zoology**

#### Certificate

Date: 1/67/2021L

This i	s to cer	tify that Shri / Kum.	Jagtap	Gayatri	' Chandr	akar	<i>s</i> †
Roll	No.	7103 Water Angl ds Near	has <b>√sis</b> A	satisfactorily	completed	the	Project
	Bir	ds Near	Water	Bodies"			
				9		2	

at M.Sc. Part II, Zoology as prescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur, during the year 2020-2021.

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Head of the Department
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ZOOLOGY DEPARTMENT

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#### D.B. F. Dayanand College of Arts and Science, Solapur

# Department of Zoology Certificate

Date: 1/7/2022

This is to certify that Miss. KAZI MISBAH NAZ SALAUDDIN Roll No. 7110 has satisfactorily completed the Project entitled: CASE STUDY ON DENGUE DISEASE PATIENTS IN SOLAPUR CITY at M.Sc. Part II, Zoology as prescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur during the year 2021-2022.

Teacher In-Charge

Examiners



Head of the Department
HEAD OF THE
ZOOLOGY DEPARTMENT

2. B. F. Davanand College, Solapur

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# D.B.F. Dayanand College of Arts and Science, Solapur Department of Zoology

#### Certificate

Date :-1/7/2022

This is to certify that Shri / Kum. <u>Ujama Madar Mulla</u> Roll No. <u>7112</u> has satisfactorily completed the project entitled: <u>'SERICULTURE THE COTTAGE INDUSTRY BUILDS NATIONS ECONOMY'</u>

At M. Sc Part II, Zoology as prescribed by **Punyashlok Ahilyadevi Holkar Solapur University**, Solapur, during the year 2021 – 2022.

Teacher In – charge

Head of the Department
HEAD OF THE A
ZOOLOGY DEPARTMENT
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## DEPARTMENT OF ZOOLOGY CERTIFICATE

DATE: - 2/0 7/2022

This is to certify that Miss. Gatti Utkarsha Shriniwas Roll No.7114 has satisfactorily completed the Project entitled To "Study of Butterfly Diversity in Solapur At M.Sc Part-II, Zoology as prescribed by Punyashlok Ahilyadevi Holkar Solapur University, Solapur. During Year 2021-2022

Teacher In-Charge

Department

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ZOOLOGY DEPARTMENT

B. F. Dayanand College, Solape

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#### D.B.F. Dayanand College of Arts and Science, Solapur.

#### Department of Zoology Certificate

Date: 61/972022

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This is to certify that Mr.Ajay channabasayya hiremath Roll No. 7109 has satisfactorily completed the Project entitled "Snake Diversity Of Solapur" at M.Sc. Part II, Zoology as prescribed by PunyashlokAhilyadevi Holkar Solapur University, Solapur, during the year 2021-2022.

Teacher In-Charge department

Head of the Dept.
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ZOOLOGY DEPARTMENT 217/2020. B. F. Davanand College, Soladu

Examiners.

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## D.B. F. Dayanand College of Arts and Science, Solapur

#### Department of Zoology

#### Certificate

Date: / 7 / 2022

This is to certify that Mr. Girish Ramchandra Dyawarkonda Roll No. 7105 has satisfactorily completed the Project entitled: Study of various Paramiters of Different Waste of Water Samples at M.Sc. Part II, Zoology as prescribed by Punyashlok Ahilyadevi Holkar Solapur University.

Solapur during the year 2021-2022.

Teacher In-Charge Department

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Head of the
ZOOLOGY DEPARTMENT

O. B. F. Dayanand College, Solapur

Exam Seat No.



## D.B. F. Dayanand College of Arts and Science, Solapur

# Department of Zoology Certificate

Date: / 7 / 2022

The telebrate to the te

This is to certify that Mr. Prasad Rajesh Wadavarao Roll No.

7118 hassatisfactorily completed the Project entitled: Effect of Mobile Phone Radiation on Human Heatlth at M.Sc. Part II, Zoology as prescribed by Punyashlok Ahilyadevi Holkar Solapur University.

Solapur during the year 2021-2022.

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3. B. F. Davapand College, Solanie

17/2022

D. B. F. DAYANAND COLLEGE OF ARTS AND SCIENCE. SOLAPER

#### CERTIFICATE

This is to certify that Miss. Shinde Dipti Dinesh, Miss. Kalamankar Vinita Kashinath, Miss. Gadagi Priyadarshani Jagannath, students of Department of Mathematics, D.B.F.Dayanand College of Arts and Science, Solapur has undertaken the project on "Iterative Differential Equations" during semester-IV of the academic year 2021-22. This data collection and analysis of work for preparing the project has been carried out by the students of this college under Solapur University, Solapur under the guidance of Shri. A. R. Reshimkar.

I am satisfied with the work of Miss. Shinde Dipti Dinesh, Miss. Kalamankar Vinita Kashinath, Miss. Gadagi Priyadarshani Jagannath.

Shri.A.R.Reshimkar

Project Guide

Shri.A.R.Reshimkar

Coordinator

Department of Mathematics,

External Examiner

D.B.F. DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR

#### CERTIFICATE

This is to certify that Miss. Aherawadi Laxmi Basavraj. Miss Birajdar Banashankari Nagendr. Miss. Deoshtale Pyumori Ashish, students of Department of Mathematics, D. B. F. Dayanand College of Arts and Science, Solapur has undertaken the project on "Geometry of Matrices" during semester-IV of the academic year 2020-22. This data collection and analysis of work for preparing the project has been carried out by the students fo this college under Solapur University. Solapur under the guidance of Mr.A.R.Reshimkar.

I am satisfied with the work of Miss. Aherawadi Laxmi Basavraj, Miss. Birajdar Banashankari Nagendr, Miss. Deoshtale Pyumori Ashish.

Shri.A.R.Reshimkar

Project Guide

Head? C. Ob. 22

Department of Mathematics, D.E.F. Dayanand College of Arts and Science Solapur. Shri.A.R.Reshimkar

Coordinator

External Examiner



D.B.F. DAYANAND COLLEGE OF ARTS AND SCIENCE SOLARDS

#### CERTIFICATE

This is to certify that Miss. Udata Kavita Vyankatesh , students of Department of Mathematics , D.B.F.Dayanand College of Arts and Sciencebl , Solapur has undertaken the project on "Solution Of System Of Linear Equation In Matrix Method" during semester-IV of the academic year 2021-22. This data collection and analysis of work for preparing the project has been carried out by the students from this college under Solapur University, Solapur under the guidance of Shri.A.R.Reshimkar.

I am satisfied with the work of Miss. Udata Kavita Vyankatesh

Shri.A.R.Reshimkar

Project Guide

Shri.A.R.Reshimkar

Coordinator

Department of Mathematics,

D.S.F. Dayanand College C. Arts and Science, Solapur.

External Examiner

D.B.F.DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR

#### CERTIFICATE

This is to certify that Miss. Klume Supriya Ramrao, Miss. Jadhav Suknya Shrikant, Miss. Upase Anupama Revansiddha, students of Department of Mathematics, D.B.F. Dayanand College of Arts and Science, Solapur has undertaken the project on "Problem in Ring Theory" during semester-IV of the academic year 2021-22. This data collection and analysis of work for preparing the project has been carried out by the students fo this college under Solapur University, Solapur under the guidance of Shri.A.R. Reshimkar.

I am satisfied with the work of Miss. Khune Supriya Ramrao, Miss. Jadhav Suknya Shrikant, Miss. Upase Anupama Revansiddha.

Shri.A.R.Reshimkar Project Guide G NUM 22

Head,

Department of Mathematics,
D.B.F. Dayanand College of Arts and Science, Solapur,

Shri.A.R.Reshimkarar



Coordinator

D.B.F.DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR

#### CERTIFICATE

This is to certify that Miss. Mittha Vaishnavi Neelkanth. Miss. Shaikh Almas Sikandar, Miss. Shaikh Zainab Imran, students of Department of Mathematics, D.B.F. Dayanand College of Arts and Science, Solapur has undertaken the project on "Sequence Of Function And Series Of Function" during semester-IV of the academic year 2021-22. This data collection and analysis of work for preparing the project has been carried out by the students of this college under Solapur University, Solapur under the guidance of Shri.A.R.Reshimkar.

I am satisfied with the work of Miss. Mittha Vaishnavi Neelkanth, Miss. Shaikh Almas Sikandar, Miss. Shaikh Zainab Imran.

Shri.A.R.Reshimkar

Project Guide

G/1100 6.22

Shri.A.R.Reshimkar

Coordinator

External Examiner

D. B. F. DAYANAND COLLEGE OF ARES AND SCILLEGE. SOLAPUR

#### CERTIFICATE

This is to certify that Mr. Tatipannul Jayesh Raymohan, Mr. Bharale Shriniwas Suresh, Mr. Bussa Mohan Ashok and Mr. Bulla Shridhar Shivanand students of the Department of Mathematics, D. B. F. Dayanand College of Arts and Science, Solapur has undertaken the project on "Introduction to Fractional Calculus" during semester-IV of the academic year 2021-2022. This data collection and analysis of work for preparing the project has been carried out by the students from this college under P. A. H. Solapur University, Solapur under the guidance of Shri. Anand R. Reshimkar.

I am satisfied with the work of Mr. Tatipamul Jayesh Ravimohan, Mr. Bharale Shriniwas Suresh, Mr. Bussa Mohan Ashok and Mr. Bulla Shridhar Shiyanand.

Shri. Anand R. Reshimkar

Project Guide

Shri. Anand R. Reshimkar

Coordinator

Head.

Department of Mathematics,

External Examiner

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D. B. F. DAYANAND COLLEGE OF ARTS AND SCHEME. SOLAPUR

#### CERTIFICATE

This is to certify that Mr. Dandgule Vinit Ram, Mr. Sani Aakash Shriniwas, Mr. Shaikh Altaf Mhatab students of Department of Mathematics, D. B. F. Dayanand College of Art. and College, Solapur has undertaken the project on "Theory of Equations" during semester-IV of the academic year 2021-22. This data collection and analysis of work for preparing the project has been carried out by the students of this college under P. A. H. Solapur University, Solapur under the guidance of Shri. Anand R. Reshimkar.

I am satisfied with the work of Mr. Dandgule Vinit Ram, Mr. Sani Aakash Shriniwas, Mr. Shaikh Altaf Mhatab.

Shri. Anand R. Reshimkar

Project Guide

Shri. Ánand R. Reshimkar

Coordinator

Head.

Department of Mathematics, FBF Dayanand College of Arts and Science, Solapur,

External Examiner



D.B.F. DAYANAND COLLEGE OF ARTS AND SCIENCE. SOLAULR

#### CERTIFICATE

This is to certify that Miss. Mane Monali Vijay, Miss. Tonape Aishwarya Naganath, Miss. Kole Ankita Anil, students of Department of Mathematics, D.B.F. Dayanand College of Arts and Science, Solapur has undertaken the project on "Cantor set" during semester-IV of the academic year 2021-22. This data collection and analysis of work for preparing the project has been carried out by the students of this college under P.A.H. Solapur University, Solapur under the guidance of Shri. A. R. Reshimkar.

I am satisfied with the work of Miss. Mane Monali Vijay, Miss. Tonape Aishwarya Naganath, Miss. Kole Ankita Anil.

Shri A.R.

Reshimkar

Project Guide

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Head

Shri. A. R.

Reshimkar

Coordinator

Department of Mathematics,
D.E.F. Dayanand College - 1, 1, 198 Science Science

External Examiner



D.B.F. DAVANAND COLLEGE OF AREA AND SCHOOL SCHAPER

#### CERTIFICATE

This is to certify that Miss. Bansode Shrutika Avinash and Shankur Deepika Prakash, students of the Department of Mathematics, D. B. F. Dayanand College of Arts and Science, Solapur has undertaken the project on "Problems in Metric Space" during semester IV of the academic year 2021-2022. This data collection and analysis of work for preparing the project has been carried out by the students from this college under P. A. H. Solapur University. Solapur under the guidance of Shri. Anand R. Reshimkar,

1 am satisfied with the work of Miss. Bansode Shrutika Avinash and Miss. Shankur Deepika Prakash

Shri. A. R. Reshimkar

Project Guide

Shri. A. R. Reshim

Coordinato

Department of Liathematics.

D.B.F. Dayanand College of Arm and Science Sciapur

External Examiner



D. B. F. DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPPIR

#### CERTIFICATE

This is to certify that Miss. Banni Shilpa Pradeep. Miss. Dasgonde Sonali Sangappa, Miss. Hattale Nivedita Sangappa, Miss. Shetasandi Karishma Shekhalal, students of Department of Mathematics, D. B. F. Dayanand College of Arts and Science, Solapur has undertaken the project on "Graphs of Commutative Rings" during Semester-IV of the academic year 2020-22. This data collection and analysis of work for preparing the project has been carried out by the students fo this college under Solapur University, Solapur under the guidance of Shri. A. R. Reshimkar.

I am satisfied with the work of Miss. Banni Shilpa Pradeep, Miss. Dasgonde Sonali Sangappa, Miss. Hattale Nivedita Sangappa, Miss. Shetasandi Karishma Shekhalal.

Shri. A. R. Reshimkar

Project Guide

Shri. A. R. Reshimkar

Deludan

Coordinator

Department of Mathematics, D.B.F. Dayanand College of Arts and Solence, Solapur

External Examiner



# Department of Mathematics

D.B.F. DAYANAND COLLEGE OF ARTS AND SCIENCE SOLAPUR

#### CERTIFICATE

This is to certify that Dhalayat Gajala Nikhat A Wajid, Lagali Aishwarya Mahadev, students of Department of Mathematics, D.B.F.Daya College of Arts and Science, Solapur has undertaken the project on "Continuity and differentiability of a function of one variable by S.K.Mapa" during semester-IV of the academic year 2021-22. This data collection and analysis of work for preparing the project has been carried out by the students fo this college under Solapur University, Solapur under the guidance of Mr.A.R. Reshimkar.

I am satisfied with the work of Dhalayat Gajala Nikhat A Wajid, Lagali Aishwarya Mahadev.

Shri.A.R.Reshimkar

Project Guide

Shri.A.R.Reshimkar

Coordinator

Department of Mathematics, DBF, Dayanand College of the and Science, Solapur.

External Examiner



External Examiner

# Department of Mathematics

D.B.F. DAYANAND COLLEGE OF ARTS AND SCIENCE, SOLAPUR

### CERTIFICATE

This is to certify that Miss. Chopade Dhanashri Ramdas. Miss. Gurao Dipecka Kallappa, Miss. Jadhay Swati Popat, students of Department of Mathematics, D. B. F. Dayanand College of Arts and Science, Solapur has undertaken the project on "Module Theory" during semester-IV of the academic year 2021-22. This data collection and analysis of work for preparing the project has been carried out by the students fo this college under Solapur University, Solapur under the guidance of Shri. Reshimkar A. R. I am satisfied with the work of Miss. Chopade Dhanashri Ramdas, Miss. Gurao Dipecka Kallappa, Miss. Jadhay Swati Popat.

Shri, A. R. Reshimkar

Shri. A. R. Reshimkar

Project Guide

Coordinator

Department of Mathematics, D.S.F. Dayanand College of Arts and Science, Sciapur.

External Examiner



External Examiner

# D.B.F. Dayanand College of Arts and Science

### Department of Sanskrit

Projects 2021-22

### Projects - B.A III

Sr.N o	Names	Roll No	Paper	Title of the Project	Name of Guide
1	Shastri Sharvari Anant	3583	VII	सूक्ते आगताः नूतनाः शब्दाः ।	R.H.Kulkarni
2	Si Sir		VIII	षड्विधसन्निकर्षः ।	R.H.Kulkarni
3	# #		IX	अमात्यविचारः ।	R.H.Kulkarni
4			X	वनराज्या शकुन्तलाः।	R.H.Kulkarni
5			XI	लेखनसाहित्यम् ।	R.H.Kulkami
6			XII	साहित्ये ब्राह्मणग्रन्थानां स्थानम्।	R.H.Kulkarni
7	1		XIII	सांख्यशास्त्रस्य प्रयोजनम्।	R.H.Kulkarni
8	2. 9		XIV	अर्थशास्त्रस्य प्रत्यक्षोपयोग:।	R.H.Kulkarni
9		0 250	XV	कालिदास:।	R.H.Kulkarni
10	9		XVI	अव्ययीभाव:।	R.H.Kulkarni
11	Kulkarni Riddhi Sanjay	3584	·VII	विष्णुसुक्त विष्णुस्वरुपम्	R.H.Kulkarni
12			VIII	प्रमाणानि ।	R.H.Kulkami
13			IX	दूतविचारः ।	R.H.Kulkarni
14			X	विदूषकः ।	R.H.Kulkarni
15	*		XI	पट ।	R.H.Kulkarni
16			XII	ब्राह्मणग्रन्थानां शैली ।	R.H.Kulkarni
17			XIII	तत्त्वानि ।	R.H.Kulkarni
18	. # 1	8	XIV	अर्थशास्त्रानुसारं राजा ।	R.H.Kulkarni



1					
19			XV .	परिचारिकाः ।	R.H.Kulkami
20		21 (2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	XVI	तत्पुरुष:।	R.H.Kulkarni
21	Deshphande Nivedita Shripad	3544	VII	सूर्यसूक्ते सूर्यस्वरुपम् ।	R.H.Kulkarni
22			VIII	द्रव्याणि ।	R.H.Kulkarni
23			IX	विद्याविचारः ।	R.H.Kulkarni
24			X	कवित्तसन्दर्भे रसविचारः।	R.H.Kulkarni
25			XI	शीलापट्टः ।	R.H.Kulkarni
26	et S		XII	कथासौंदर्यम् ।	R.H.Kulkarni
7		20	XIII	सांख्यगुणाः ।	R.H.Kulkarni
8			XIV	राजपुत्रविचारः ।	R.H.Kulkarni
9			XV	स्वभावोक्तिः ।	R.H.Kulkarni
0	L. B		XVI	द्वद्वः ।	R.H.Kulkarni
1	Devale Kaivaly Dattaray	3539	VII	इन्द्रसूक्ते इन्द्रस्वरुपम् ।	R.H.Kulkarni
2			VIII	गुणा:।	R.H.Kulkarni
3	8		IX	इन्दियजय:।	R.H.Kulkarni
			X	भास: ।	R.H.Kulkarni
			XI	ताम्रपटः ।	R.H.Kulkarni
	F .	, ,	XII	विनियोगः ।	R.H.Kulkarni
1		2 th	XIII	इन्द्रियाणि ।	R.H.Kulkarni
	<i>P</i> 0		XIV	मनुस्मृत्यौ व्यूहविचारः।	R.H.Kulkarni
$\dagger$		(A	XV	आश्रमपरिसर:।	R.H.Kulkarni
	9 9	a	XVI	बहुव्रीहि:।	R.H.Kulkarni





तमसो मा ज्योतिर्गमय

D.A.V. College Trust and Management Society, New Delhi

D.B.F. Dayanand College of Arts and Science, Solapur

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DEPARTMENT OF SANSKRIT

Students workshop on Project Writing 21-24 January 2022

This is to certify that Miss Shastri Sharvari Aanant has participated in the workshop and submitted the project titled सूक्ते आगताः नूतनाः शब्दाः

R.H. Kulkarni

Head of the Department of Sanskrit

तमसो मा ज्योतिर्गमय D.A.V. College Trust and Management Society, New Delhi

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D.A.V. College Trust and Management Society, New John Science, Solapur

D.B.F. Dayanand College of Arts and Science, Solapur

NAAC Reaccredited B- Cradel College with Potential for Excellencel

### DEPARTMENT OF SANSKRIT

Students workshop on Project Writing 21-24 January 2022

This is to certify that Miss Shastri Sharvari Aanant has participated in the workshop and submitted the project titled षड्विधसन्निकर्षः।

R.H. Kulkarni

Head of the Department of Sanskrit

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### ||ओ३म्|| तमसो मा ज्योतिर्गमय D.A.V. College Trust and Management

D.A.V. College Trust and Management Society, New Delhi
D.B.F. Dayanand College of Arts and Science, Solapur

NAAC Reaccredited B- Gradel College with Potential for Excellence

#### DEPARTMENT OF SANSKRIT

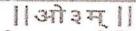
Students workshop on Project Writing 21-24 January 2022

R.H. Kulkarni

Head of the Department of Sanskrit

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D.A.V. College Trust and Management Society, New Delhi

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NAAC Reaccredited B+ Gradel College with Potential for Excellence!

#### DEPARTMENT OF SANSKRIT

Students workshop on Project Writing 21-24 January 2022

This is to certify that

Miss Shastri Sharvari Aanant

has participated in the workshop and submitted the वनराज्या शकुन्तलाः । project titled

R.H. Kulkarni

Head of the Department of Sanskrit



तमसो मा ज्योतिर्गमय D.A.V. College Trust and Management Society, New Delhi

D.B.F. Dayanand College of Arts and Science, Solapur

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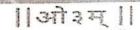
#### DEPARTMENT OF SANSKRIT

Students workshop on Project Writing 21-24 January 2022

R.H. Kulkarni

Head of the Department of Sanskrit





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D.A.V. College Trust and Management Society, New Delhi

D.B.F. Dayanand College of Arts and Science, Solapur

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#### DEPARTMENT OF SANSKRIT

Students workshop on Project Writing 21-24 January 2022

This is to certify that Miss Shastri Sharvari Aanant has participated in the workshop and submitted the project titled साहित्ये ब्राहमणग्रन्थानां स्थानम्।

R.H. Kulkarni

Head of the Department of Sanskrit





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Students workshop on Project Writing 21-24 January 2022

This is to certify that Miss Shastri Sharvari Aanant has participated in the workshop and submitted the project titled सांख्यशास्त्रस्य प्रयोजनम्।

R.H. Kulkarni

Head of the Department of Sanskrit







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R.H. Kulkarni

Head of the Department of Sanskrit



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कालिदास:। project titled

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Prof. V.P.Ubale

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Miss Nivedita Shripad Deshpande

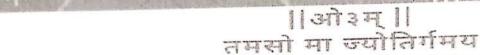
This is to certify that has participated in the workshop and submitted the project titled सूर्यस्वरूपम्।

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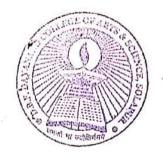
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Miss Riddhi Sanjay Kulkarni

has participated in the workshop and submitted the

विष्णुस्कत विष्णुस्वरूपम् project titled

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Head of the Department of Sanskrit



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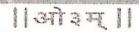
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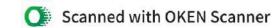
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अर्थशास्त्रानुसारं राजा। project titled

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परिचारिकाः। project titled

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