

GREEN AUDIT REPORT

of

Tatkare Charitable Trust's,

DR. SHREE NANASAHEB DHARMADHIKARI

ARTS, COMMERCE & SCIENCE COLLEGE,

Gove Kolad, Tal: Roha, District: Raigad

Year: 2017-18

Prepared by

ENRICH CONSULTANTS

Yashashree, 26, Nirmal Bag Society,

Near Mukhtangan English School, Parvati, Pune 411009

Phone: 09890444795 Email: enrichcons@gmail.com



MAHARASHTRA ENERGY DEVELOPMENT AGENCY



Maharashtra Energy Development Agency

(A Government of Maharashtra undertaking)

2nd Floor, MHADA Commercial Complex, Opp. Tridal Nagar, Yerwada, Pune 411 005

Ph No. 020-26614393/26614403 Fax No. 020-26615031

Email: ecdn@mahaurja.com, Web: www.mahaurja.com

ECN/2017-18/CR-01/5726

30th November 2017

**CERTIFICATE OF REGISTRATION
FOR CLASS 'A'**

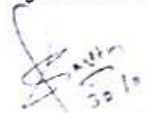
We hereby certify that, the firm having following particulars is registered with **MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA)** under given category as "Energy Planner & Energy Auditor in Maharashtra under Save Energy Programme of MEDA.

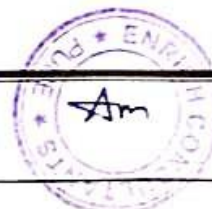
Name and Address of the firm : Enrich Consultants
Yashashree, Plot No. 26, Nirmal Baug
Society, Parvati, Pune - 411009

Registration Category : Empanelled Consultant for Save Energy Programme.

Registration Number : MEDA/ECN/CR-01/2017-18/EA-37

- The Save Energy Programme intends to identify areas where wasteful use of energy occurs and to evaluate the scope for Energy Conservation and take concrete steps to achieve the evaluated energy savings.
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- This empanelment is valid upto 3 year from the date of registration, to carry out energy audits under the Save Energy Programme of MEDA.
- The Director General, MEDA reserves the right to cancel the registration at any time without assigning any reasons thereof.


(Smita Kudankar)
Manager (EC)



Enrich Consultants

Yashashree, 26, Nirmal Bag Society,
Near Mukhtangan English School, Parvati, Pune 411 009
Tel: 09890444795 Email: enrichcons@gmail.com

Ref: EC/ DSNDC/17-18/02

Date: 16/6/2018

CERTIFICATE

This is to certify that we have conducted Green Audit at Tatkare Charitable Trust's Dr. Shree Nanasaheb Dharmadhikari Arts, Commerce & Science College, Gove Kolad, Tal: Roha, District: Raigad in the year 2017-18.

The College has adopted following Energy Efficient and Green Practices:

- Maximum Usage of Day Lighting
- Segregation of Waste at source
- Installation of Rain Water Management Project
- Maintenance of good internal road in the campus
- Tree Plantation in the campus

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

For Enrich Consultants,



A Y Mehendale,
Certified Energy Auditor,
EA-8192



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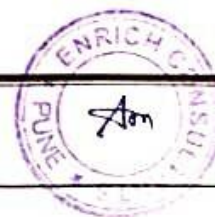
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3	Study of Carbon Foot Printing	11
4	Study of Usage of Renewable Energy	13
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6	Study of Rain Water Management	15
7	Study of Green Practices	16



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We are thankful to all staff members for helping us during the field study.



EXECUTIVE SUMMARY

1. Tatkare Charitable Trust's Dr. Shree Nanasaheb Dharmadhikari Arts, Commerce & Science College, Gove Kolad, Tal: Roha, District: Raigad consumes Energy in the form of Electrical Energy; used for various equipment.

2. Present Energy Consumption & CO₂ Emission:

No	Parameter/ Value	Energy Consumed, kWh	CO ₂ Emissions, MT
1	Total	5693	4.55
2	Maximum	607	0.49
3	Minimum	384	0.31
4	Average	474.42	0.38

3. Usage of Renewable Energy:

- The College has yet to install Roof Top Solar PV Plant.

4. Waste Management:

4.1 Solid Waste Management:

The Waste is segregated at the source. Waste Bins are kept at various locations.

5. Rain Water Management:

The Rain water from the terrace is collected is collected through Pipe and is used to increase the underground water table.

6. Green Practices:

- Good internal road
- Internal tree plantation

7. Assumption:

1. 1 kWh of Electrical Energy releases 0.8 Kg of CO₂ into atmosphere

ABBREVIATIONS

LED	: Light Emitting Diode
kWh	: kilo-Watt Hour
MT	: Metric Ton
CO ₂	: Carbon Di Oxide



CHAPTER-I INTRODUCTION

1.1 Objectives:

1. To study present Energy Consumption
2. To compute CO₂ emissions
3. To Study Usage of Renewable Energy
4. To Study Waste Management Practices
5. To Study Rain Water Management
6. To Study Green Practices

1.2 Table No 1: General Details of College:

No	Head	Particulars
1	Name of Institution	Tatkare Charitable Trust's Dr. Shree Nanasaheb Dharmadhikari Arts, Commerce & Science College
2	Address	Gove Kolad, Tal: Roha, District: Raigad
3	Establishment	2009

CHAPTER-II

STUDY OF PRESENT ENERGY CONSUMPTION

In this chapter, we present the analysis of last year Electricity Bills

Table No 2: Electrical Bill Analysis- 2017-18:

No	Month	Energy Consumed, kWh
1	Apr-17	457
2	May-17	519
3	Jun-17	395
4	Jul-17	384
5	Aug-17	478
6	Sep-17	465
7	Oct-17	505
8	Nov-17	607
9	Dec-17	532
10	Jan-18	498
11	Feb-18	397
12	Mar-18	456
13	Total	5693
14	Maximum	607
15	Minimum	384
16	Average	474.42

Chart No 1: To study the variation of Monthly Energy Consumption, kWh:

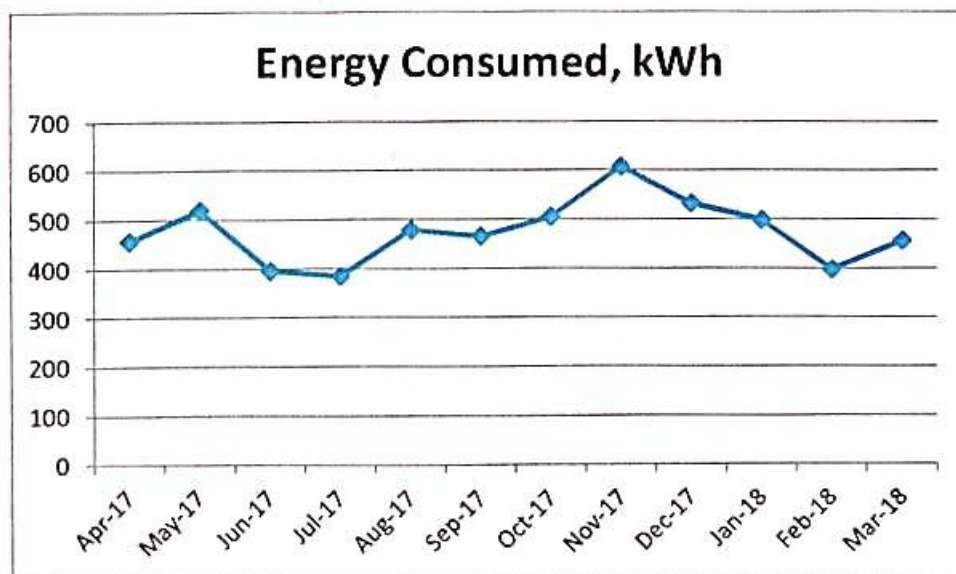


Table No 3: Various Important Parameters:

No	Parameter/ Value	Energy Consumed, kWh
1	Total	5693
2	Maximum	607
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4	Average	474.42

CHAPTER III

STUDY OF CARBON FOOT PRINTING

A Carbon Foot Print is defined as the Total Greenhouse Gas emissions, emitted due to various activities.

In this we compute the emissions of Carbon-Di-Oxide, by usage of the various forms of Energy used by the College for performing its day to day activities. The College uses Electrical Energy for various Electrical gadgets.

Basis for computation of CO₂ Emissions:

- 1 Unit (kWh) of Electrical Energy releases 0.8 Kg of CO₂ into atmosphere

Table No 4: Month wise CO₂ Emissions:

No	Month	Energy Consumed, kWh	CO ₂ Emissions, MT
1	Apr-17	457	0.37
2	May-17	519	0.42
3	Jun-17	395	0.32
4	Jul-17	384	0.31
5	Aug-17	478	0.38
6	Sep-17	465	0.37
7	Oct-17	505	0.40
8	Nov-17	607	0.49
9	Dec-17	532	0.43
10	Jan-18	498	0.40
11	Feb-18	397	0.32
12	Mar-18	456	0.36
13	Total	5693	4.55
14	Maximum	607	0.49
15	Minimum	384	0.31
16	Average	474.42	0.38

Chart No 2: Representation of Month wise CO₂ Emissions:

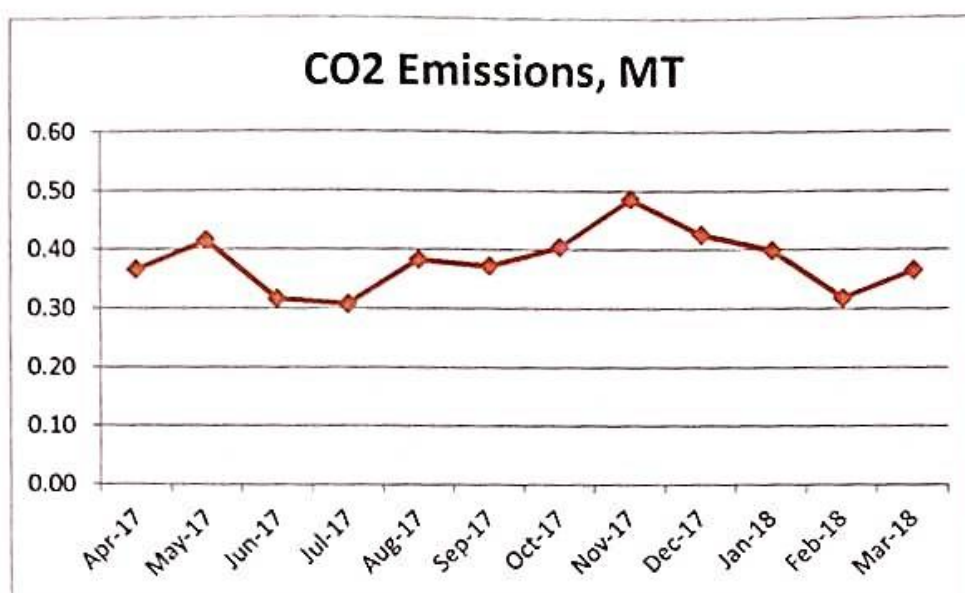


Table No 5: Various Important Parameters:

No	Parameter/ Value	Energy Consumed, kWh	CO ₂ Emissions, MT
1	Total	5693	4.55
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CHAPTER IV

STUDY OF USAGE OF RENEWABLE ENERGY

The College has yet to install Roof Top Solar PV Plant.



CHAPTER V

STUDY OF WASTE MANAGEMENT

5.1 Solid Waste Management:

The Waste is segregated at the source. Waste Bins are kept at various locations.

Photograph of Waste Collection Bin:



CHAPTER VI

STUDY OF RAIN WATER MANAGEMENT

The Rain water from the terrace is collected is collected through Pipe and is used to increase the underground water table.

Photograph of Rain Water Collecting Pipe from Terrace:



CHAPTER VII

STUDY OF GREEN PRACTICES

7.1 Pedestrian Friendly Road & Internal Tree Plantation:

The College has well maintained internal road to facilitate the easy movement of the students within the campus.

Photograph of Road & Tree Plantation in the College Campus:



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ECN/2018-19/CR-05/4174

19th September, 2018

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General Manager (EC)



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Ref: EC/DSNDC/18-19/02

Date: 6/6/2019

CERTIFICATE

This is to certify that we have conducted Green Audit at Tatkare Charitable Trust's Dr. Shree Nanasaheb Dharmadhikari Arts, Commerce & Science College, Gove Kolad, Tal: Roha, District: Raigad in the year 2018-19.

The College has adopted following Energy Efficient and Green practices:

- Maximum Usage of Day Lighting
- Segregation of Waste at source
- Installation of Rain Water Management Project
- Maintenance of good internal road in the campus
- Tree Plantation in the Campus

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

For Enrich Consultants,

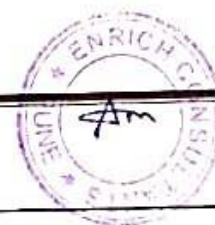


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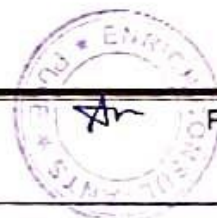
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2. Present Energy Consumption & CO₂ Emission:

No	Parameter/ Value	Energy Consumed, kWh	CO ₂ Emissions, MT
1	Total	6321	5.06
2	Maximum	855	0.68
3	Minimum	394	0.32
4	Average	526.75	0.42

3. Usage of Renewable Energy:

- The College has yet to install Roof Top Solar PV Plant

4. Waste Management:

4.1 Solid Waste Management:

The Waste is segregated at the source. Waste Bins are kept at various points.

5. Rain Water Management:

The Rain water from the terrace is collected is collected through Pipes and is used to increase the underground water table.

6. Green Practices:

- Good internal road for easy movement of commuters
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7. Assumption:

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4	Jul-18	474
5	Aug-18	711
6	Sep-18	673
7	Oct-18	595
8	Nov-18	855
9	Dec-18	501
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11	Feb-19	394
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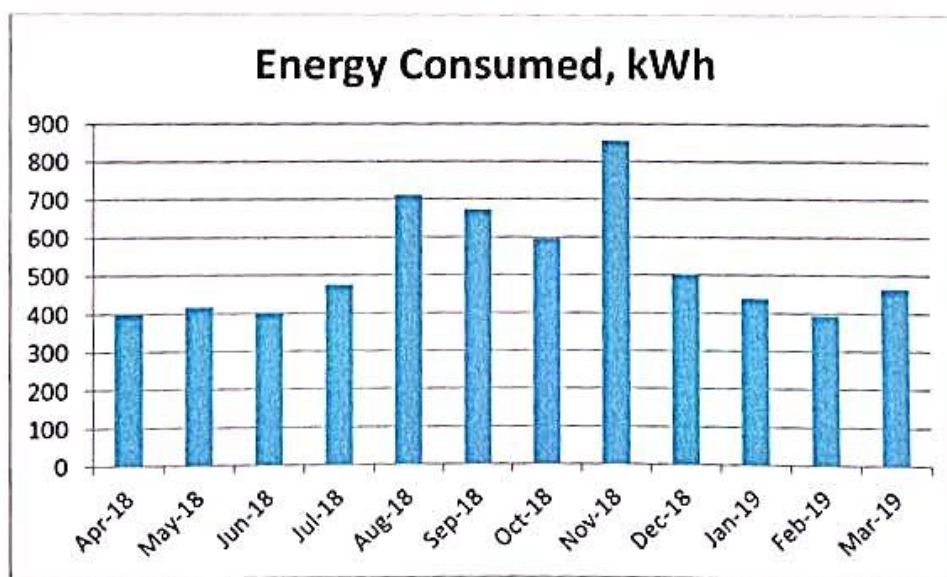


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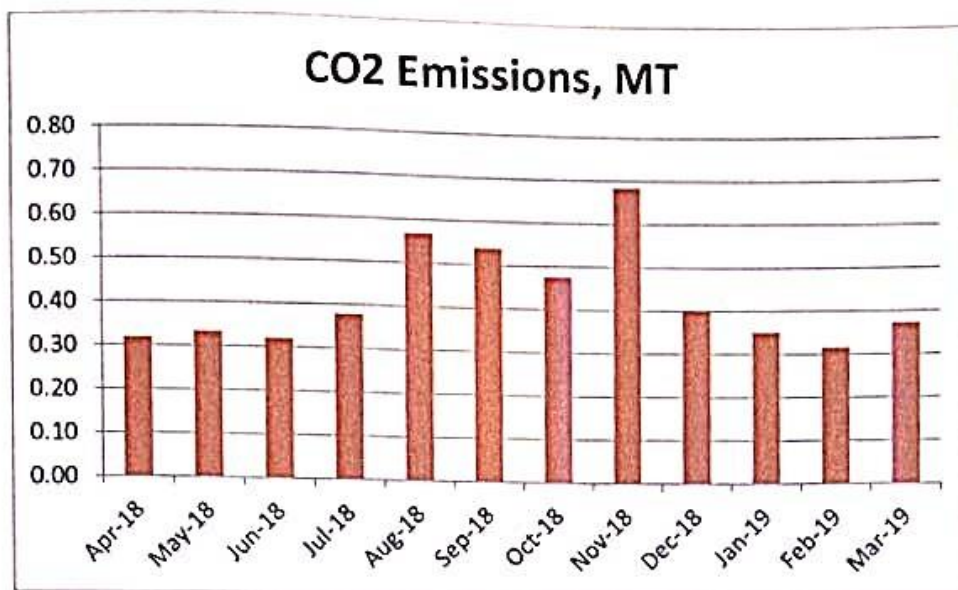


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7.1 Pedestrian Friendly Road:

The College has well maintained internal road to facilitate the easy movement of the students within the campus.

Photograph of Internal Road inside the College Campus:



7.2 Tree Plantation:

The College has maintained plantation in the campus.

Photograph of Garden in the College campus:



GREEN AUDIT REPORT

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- Usage of LED Lighting at some locations
- Segregation of Waste at source
- Installation of Rain Water Management Project
- Maintenance of good internal road in the campus
- Tree Plantation in the Campus
- Creation of Awareness on Energy Conservation by Display of Posters

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

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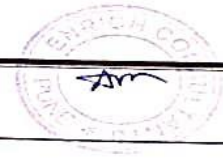
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2. Present Energy Consumption & CO₂ Emission:

No	Parameter/ Value	Energy Consumed, kWh	CO ₂ Emissions, MT
1	Total	5819	5.24
2	Maximum	679	0.61
3	Minimum	398	0.358
4	Average	484.92	0.44

3. Usage of Renewable Energy:

- The College has yet to Roof Top install Solar PV Plant

4. Waste Management:

4.1 Segregation of Waste at source:

The Waste is segregated at the source: Waste bins are kept at various locations.

4.2 Organic Waste Management:

It is recommended to convert organic waste into Bio compost, in a Bio Composting Bed.

5. Rain Water Management:

The Rain water from the terrace is collected is collected through Pipes and is used to increase the underground water table.

6. Green & Sustainable Practices:

- Good internal road for easy movement of commuters
- Internal tree plantation
- Creation of Awareness on Energy Conservation by Display of Posters

7. Assumption:

1. 1 kWh of Electrical Energy releases 0.9 Kg of CO₂ into atmosphere

7. Reference:

- For CO₂ Emissions: www.tatapower.com

ABBREVIATIONS

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kWh	: kilo-Watt Hour
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CHAPTER-I

INTRODUCTION

1.1 Objectives:

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5	Aug-19	679
6	Sep-19	465
7	Oct-19	505
8	Nov-19	425
9	Dec-19	398
10	Jan-20	415
11	Feb-20	509
12	Mar-20	489
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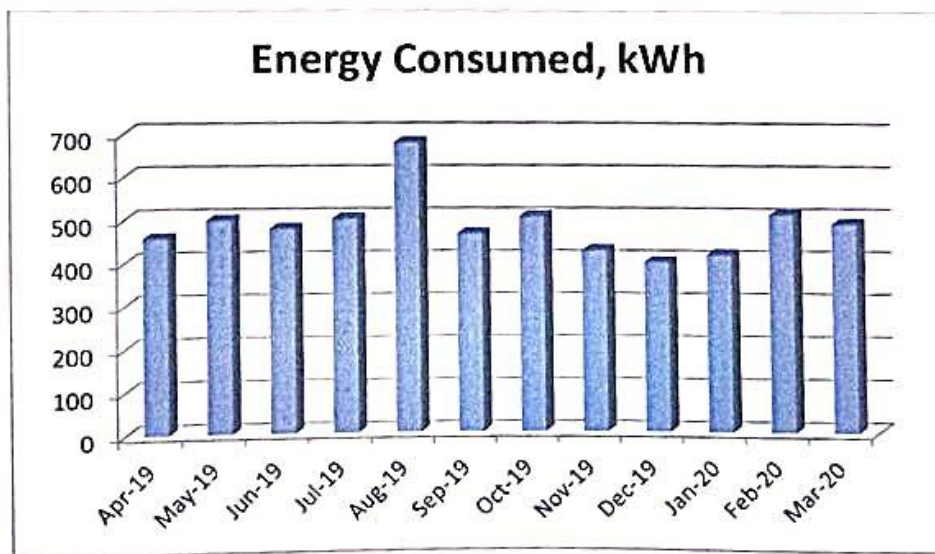


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3	Jun-19	478	0.43
4	Jul-19	501	0.45
5	Aug-19	679	0.61
6	Sep-19	465	0.42
7	Oct-19	505	0.45
8	Nov-19	425	0.38
9	Dec-19	398	0.36
10	Jan-20	415	0.37
11	Feb-20	509	0.46
12	Mar-20	489	0.44
13	Total	5819	5.24
14	Maximum	679	0.61
15	Minimum	398	0.358
16	Average	484.92	0.44

Chart No 2: Representation of Month wise CO₂ Emissions:

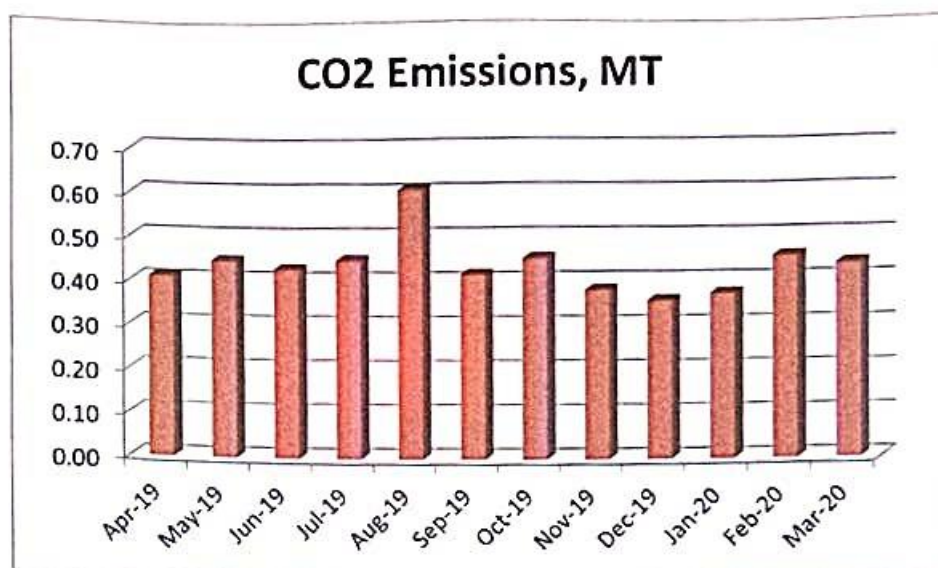


Table No 5: Various Important Parameters:

No	Parameter/ Value	Energy Consumed, kWh	CO ₂ Emissions, MT
1	Total	5819	5.24
2	Maximum	679	0.61
3	Minimum	398	0.358
4	Average	484.92	0.44

CHAPTER IV

STUDY OF USAGE OF RENEWABLE ENERGY

The College has yet to install Roof Top Solar PV Plant.



CHAPTER V

STUDY OF WASTE MANAGEMENT

5.1 Solid Waste Management:

The Waste is segregated at the source: Waste bins are kept at various locations.

Photograph of Waste Collection Bin:



5.2 Organic Waste Management:

It is recommended to convert organic waste into Bio compost, in a Bio Composting Bed.

CHAPTER VI

STUDY OF RAIN WATER MANAGEMENT

The Rain water from the terrace is collected is collected through Pipes and is used to increase the underground water table.

Photograph of Rain Water Carrying Pipe from Terrace:



CHAPTER VII

STUDY OF GREEN PRACTICES

7.1 Pedestrian Friendly Road:

The College has well maintained internal roads to facilitate the easy movement of the students within the campus.

Photograph of Internal Road inside the College Campus:



7.2 Tree Plantation:

The College has maintained plantation in the campus.

Photograph of Garden in the College campus:



7.3 Creation of Awareness on Energy Conservation:

The College has displayed poster on Energy Conservation, to create the awareness on Saving the Energy.

Photograph of Poster on Energy Conservation:



GREEN AUDIT REPORT
of
Tatkare Charitable Trust's,
DR. SHREE NANASAHEB DHARMADHIKARI
ARTS, COMMERCE & SCIENCE COLLEGE,
Gove Kolad, Tal: Roha, District: Raigad



Year: 2020-21

Prepared by

ENRICH CONSULTANTS

Yashashree, 26, Nirmal Bag Society,
Near Mukhtangan English School, Parvati, Pune 411009
Phone: 09890444795 Email: enrichcons@gmail.com



MAHARASHTRA ENERGY DEVELOPMENT AGENCY



Maharashtra Energy Development Agency

(A Government of Maharashtra undertaking)

2nd Floor, MIDADA Commercial Complex, Opp. Tridal Nagar, Yerwada, Pune 411 006,

Ph No: 020-26614393/266144403

Email: eee@mahaurja.com, Web: www.mahaurja.com

ECN/2018-19/CR-05/4174

19th September, 2018

**CERTIFICATE OF REGISTRATION
FOR CLASS 'A'**

We hereby certify that, the firm having following particulars is registered with **MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA)** under given category as "Energy Planner & Energy Auditor" in Maharashtra for Energy Conservation Programme of MEDA.

Name and Address of the firm : **Enrich Consultants**
Yashashree, Plot No. 26, Nirmal Bag Society,
Near Muktangan English School,
Parvati, Pune - 411009.

Registration Category : **Empanelled Consultant for Energy Conservation Programme**

Registration Number : **MEDA/ECN/CR-05/2018-19/EA-03**

- Energy Conservation Programme intends to identify areas where wasteful use of energy occurs and to evaluate the scope for Energy Conservation and take concrete steps to achieve the evaluated energy savings.
- MEDA reserves the right to visit the firm at any time without giving any prior information and canceling the registration, if the information is found incorrect.
- This empanelment is valid till **31st March 2021** from the date of registration, to carry out energy audits under the Energy Conservation Programme
- The Director General, MEDA reserves the right to cancel the registration at any time without assigning any reasons thereof.


(Smita Kudarikar)
General Manager (EC)



ENRICH CONSULTANTS

Yashashree, 26, Nirmal Bag Society,
Near Mukhtangan English School, Parvati, Pune 411 009
Tel: 09890444795 Email: enrichcons@gmail.com

Ref: EC/DSNDC/20-21/02

Date: 6/7/2021

CERTIFICATE

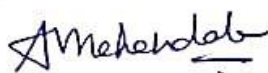
This is to certify that we have conducted Green Audit at Tatkare Charitable Trust's Dr. Shree Nanasaheb Dharmadhikari Arts, Commerce & Science College, Gove Kolad, Tal: Roha, District: Raigad in the year 2020-21.

The College has adopted following Energy Efficient and Green practices:

- Maximum Usage of Day Lighting
- Usage of LED Lighting
- Segregation of Waste at source
- Vermi Composting Arrangement for Organic Waste Conversion
- Installation of Rain Water Management Project
- Maintenance of good internal road in the campus
- Tree Plantation in the Campus
- Creation of Awareness on Water Conservation by Display of Posters

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

For Enrich Consultants,



A Y Mehendale,
Certified Energy Auditor,
EA-8192



INDEX

No	Particulars	Page No
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3	Carbon Foot printing	11
4	Study of Usage of Renewable Energy	13
5	Study of Waste Management	14
6	Study of Rain Water Management	15
7	Study of Green & Sustainable Practices	16

ACKNOWLEDGEMENT

We at Enrich Consultants, Pune, express our sincere gratitude to the management of Tatkare Charitable Trust's Dr. Shree Nanasaheb Dharmadhikari Arts, Commerce & Science College, Gove Kolad, Tal: Roha, District: Raigad, for awarding us the assignment of Green Audit of their Gove Kolad Campus for the Year: 2020-21.

We are thankful to all staff members for helping us during the field study.

EXECUTIVE SUMMARY

1. Tatkare Charitable Trust's Dr. Shree Nanasaheb Dharmadhikari Arts, Commerce & Science College, Gove Kolad, Tal: Roha, District: Raigad consumes Energy in the form of Electrical Energy; used for various equipment.

2. Present Energy Consumption & CO₂ Emission:

No	Parameter/ Value	Energy Consumed, kWh	CO ₂ Emissions, MT
1	Total	4910	4.42
2	Maximum	1404	1.26
3	Minimum	0	0
4	Average	409.17	0.37

3. Usage of Renewable Energy:

- The College has yet to install Roof Top Solar PV Plant.

4. Waste Management:

4.1 Solid Waste Management:

The Waste is segregated at the source. Waste Bins are kept at various locations.

4.2 Organic Waste Management:

The College has installed a Vermi Composting Unit, for conversion of Organic Waste.

5. Rain Water Management:

The Rain water is collected is collected through Pipe and is used to increase the underground water table

6. Green & Sustainable Practices:

- Good internal road for easy movement of commuters
- Internal tree plantation
- Creation of Awareness on Water Conservation by Display of Posters

7. Assumption:

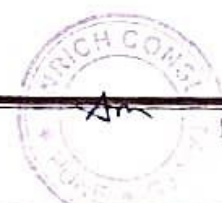
1. 1 kWh of Electrical Energy releases 0.9 Kg of CO₂ into atmosphere

8. Reference:

- For CO₂ Emission Calculations: www.tatapower.com

ABBREVIATIONS

LED	: Light Emitting Diode
kWh	: kilo-Watt Hour
MT	: Metric Ton
CO ₂	: Carbon Di Oxide



CHAPTER-I INTRODUCTION

1.1 Objectives:

1. To study present Energy Consumption
2. To compute CO₂ emissions
3. To Study Usage of Renewable Energy
4. To Study Waste Management Practices
5. To Study Rain Water Management
6. To Study Green & Sustainable Practices

1.2 Table No 1: General Details of College:

No	Head	Particulars
1	Name of Institution	Tatkare Charitable Trust's Dr. Shree Nanasaheb Dharmadhikari Arts, Commerce & Science College
2	Address	Gove Kolad, Tal: Roha, District: Raigad
3	Establishment	2009

CHAPTER-II

STUDY OF PRESENT ENERGY CONSUMPTION

In this chapter, we present the analysis of last year Electricity Bills

Table No 2: Electrical Bill Analysis- 2020-21:

No	Month	Energy Consumed, kWh
1	Apr-20	409
2	May-20	403
3	Jun-20	403
4	Jul-20	0
5	Aug-20	1404
6	Sep-20	301
7	Oct-20	415
8	Nov-20	385
9	Dec-20	281
10	Jan-21	311
11	Feb-21	304
12	Mar-21	294
13	Total	4910
14	Maximum	1404
15	Minimum	0
16	Average	409.17

Chart No 1: To study the variation of Monthly Energy Consumption, kWh:

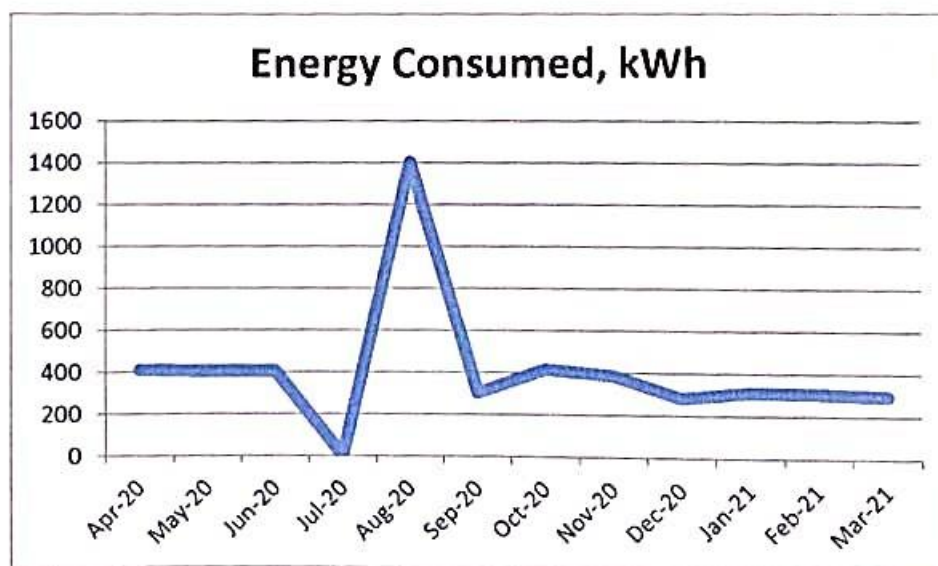


Table No 3: Various Important Parameters:

No	Parameter/ Value	Energy Consumed, kWh
1	Total	4910
2	Maximum	1404
3	Minimum	0
4	Average	409.17

CHAPTER III

CARBON FOOT PRINTING

A Carbon Foot Print is defined as the Total Greenhouse Gas emissions, emitted due to various activities.

In this we compute the emissions of Carbon-Di-Oxide, by usage of the various forms of Energy used by the College for performing its day to day activities. The College uses Electrical Energy for various Electrical gadgets.

Basis for computation of CO₂ Emissions:

- 1 Unit (kWh) of Electrical Energy releases 0.8 Kg of CO₂ into atmosphere

Table No 4: Month wise CO₂ Emissions:

No	Month	Energy Consumed, kWh	CO ₂ Emissions, MT
1	Apr-20	409	0.37
2	May-20	403	0.36
3	Jun-20	403	0.36
4	Jul-20	0	0.00
5	Aug-20	1404	1.26
6	Sep-20	301	0.27
7	Oct-20	415	0.37
8	Nov-20	385	0.35
9	Dec-20	281	0.25
10	Jan-21	311	0.28
11	Feb-21	304	0.27
12	Mar-21	294	0.26
13	Total	4910	4.42
14	Maximum	1404	1.26
15	Minimum	0	0
16	Average	409.17	0.37

Chart No 2: Representation of Month wise CO₂ Emissions:

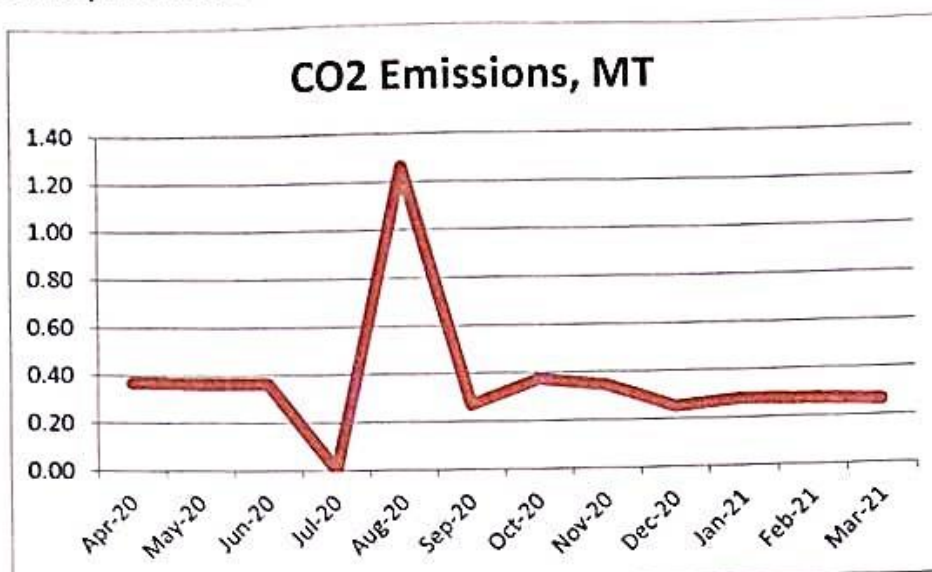


Table No 5: Various Important Parameters:

No	Parameter/ Value	Energy Consumed, kWh	CO ₂ Emissions, MT
1	Total	4910	4.42
2	Maximum	1404	1.26
3	Minimum	0	0
4	Average	409.17	0.37

CHAPTER IV

STUDY OF USAGE OF RENEWABLE ENERGY

The College has yet to install Solar PV Plant

CHAPTER V

STUDY OF WASTE MANAGEMENT

5.1 Solid Waste Management:

The Waste is segregated at the source. Waste Bins are kept at various locations.

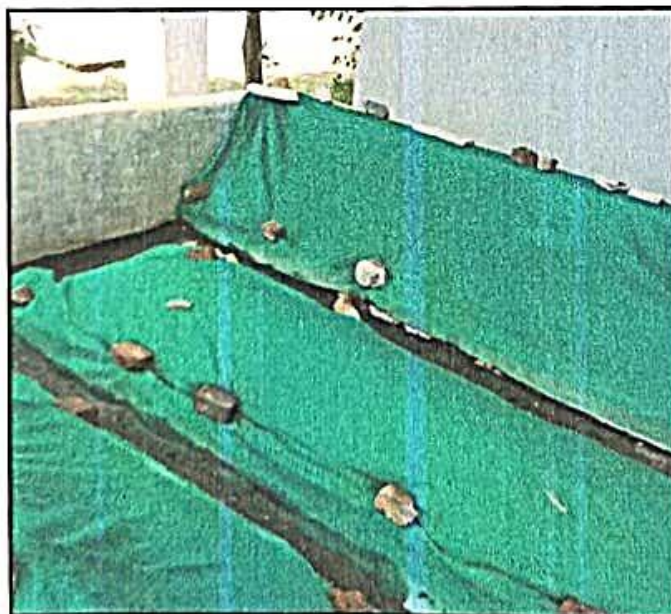
Photograph of Waste Collection Bin:



5.2 Organic Waste Management:

The College has a Vermi Composting Unit, to convert the Organic Waste into Compost.

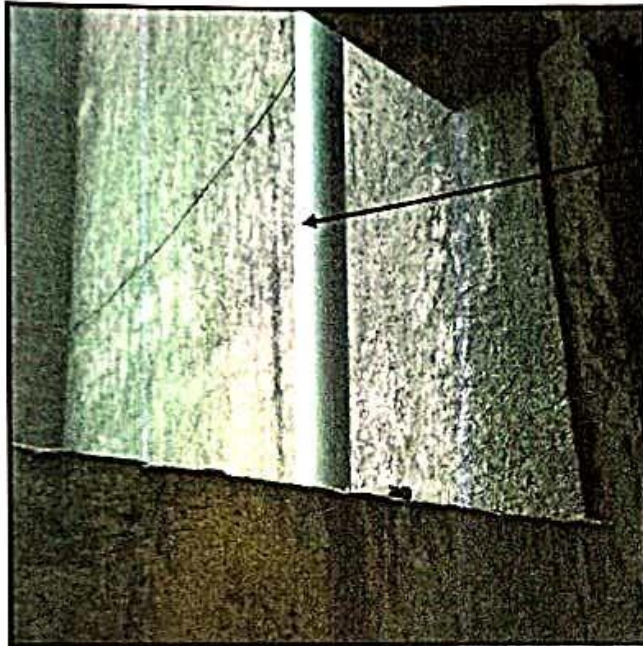
Photograph of Vermi Composting Unit:



CHAPTER VI STUDY OF RAIN WATER MANAGEMENT

The Rain water from the terrace is collected is collected through Pipe and is used to increase the underground water table.

Photograph of Rain Water Management Pipe from Terrace:



Rain Water
Carrying Pipe

CHAPTER VII

STUDY OF GREEN & SUSTAINABLE PRACTICES

7.1 Pedestrian Friendly Road:

The College has well maintained internal roads to facilitate the easy movement of the students within the campus.

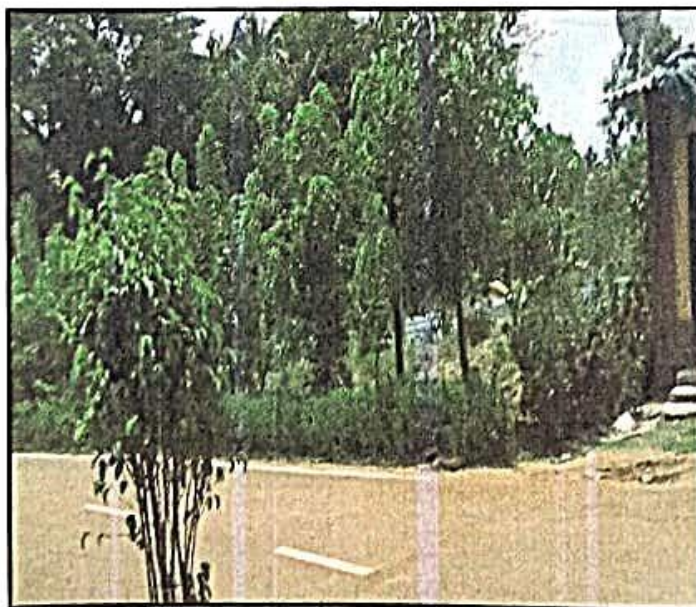
Photograph of Internal Road inside the College Campus:



7.2 Tree Plantation:

The College has maintained plantation in the campus.

Photograph of Garden in the College campus:



7.3 Creation of Awareness on Water Conservation:

The College has displayed poster on Water Conservation at Water Cooler, to create the awareness on Saving the Water.

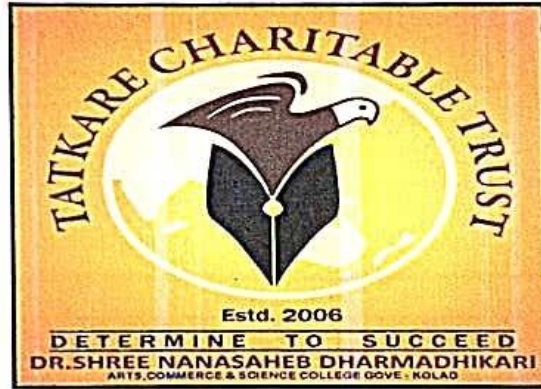
Photograph of Poster on Water Conservation:



GREEN AUDIT REPORT

of

Tatkare Charitable Trust's,
DR. SHREE NANASAHEB DHARMADHIKARI
ARTS, COMMERCE & SCIENCE COLLEGE,
Gove Kolad, Tal: Roha, District: Raigad



Year: 2021-22

Prepared by

ENGRESS SERVICES

Yashashree, 26, Nirmal Bag Society,
Near Mukhtangan English School, Parvati, Pune 411009
Phone: 09890444795 Email: engress123@gmail.com



MAHARASHTRA ENERGY DEVELOPMENT AGENCY

Maharashtra Energy Development Agency
(Government of Maharashtra Institution)
Aundh Road, Opposite Spicer College Road, Near Commissionerate of Animal Husbandary,
Aundh, Pune, Maharashtra 411007
Ph No: 020-33000150
Email: eed@maharaja.com, Web: www.maharaja.com

FCN/2022-23 CR-411709 10th May, 2022

**CERTIFICATE OF REGISTRATION
FOR CLASS 'A'**


We hereby certify that, the firm having following particulars is registered with
MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA) under given category as
"Energy Planner & Energy Auditor" in Maharashtra for Energy Conservation Programme of
MEDA.

Name and Address of the firm : M/s Engress Services
Yashdree, 26, Nirmal Bag Society,
Near Mukangan English School,
Purani, Pune - 411 009

Registration Category : Empanelled Consultant for Energy Conservation
Programme for Class 'A'

Registration Number : MEDA/FCN/2022-23 Class A/E1-A2.

- Energy Conservation Programme intends to identify areas where wasteful use of energy occurs and to evaluate the scope for Energy Conservation and take concrete steps to achieve the evaluated energy savings.
- MEDA reserves the right to visit at any time without giving prior information to verify quarterly activities performed by the firm and cancelling the registration, if the information is found incorrect.
- This empanelment is valid till **09th May, 2024** from the date of registration, to carry out energy audits under the Energy Conservation Programme.
- The Director General, MEDA reserves the right to cancel the registration at any time without assigning any reasons thereof.


General Manager (C)

 **GEM Certificate** 

ASSOCHAM hereby certifies that
Mr. A Y Mehendale
has successfully passed the
Green and Eco-friendly Movement Certified Professional Test (GEM CP)
with
"Excellent Performance"
on
06 June, 2022
He/she is now eligible to execute the GEM Sustainability Certification Projects.
ASSOCHAM feels proud to award the GEM Certified Professional title to him/her.

GEM CP 22/788

 **Pankaj R. Dharker**
Chairman, GEM  **Deepak Sood**
Secretary General, ASSOCHAM

ENGRESS SERVICES

Yashashree, 26, Nirmal Bag Society,
Near Mukhtangan English School, Parvati, Pune 411 009
Tel: 09890444795 Email: engress123@gmail.com

Ref: EC/DSNDC/21-22/02

Date: 26/6/2022

CERTIFICATE

This is to certify that we have conducted Green Audit at Tatkare Charitable Trust's Dr. Shree Nanasaheb Dharmadhikari Arts, Commerce & Science College, Gove Kolad, Tal: Roha, District: Raigad in the year 2021-22.

The College has adopted following Energy Efficient and Green practices:

- Maximum Usage of Day Lighting
- Usage of LED Lighting
- Segregation of Waste at source
- Vermi Composting Arrangement for Organic Waste Conversion
- Installation of Rain Water Management Project
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- Tree Plantation in the Campus
- Creation of Awareness on Plastic Free Campus by Display of Posters

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

For Engress Services,



A Y Mehendale,
Certified Energy Auditor,
EA-8192



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ACKNOWLEDGEMENT

We at Engress Services, Pune, express our sincere gratitude to the management of Tatkare Charitable Trust's Dr. Shree Nanasaheb Dharmadhikari Arts, Commerce & Science College, Gove Kolad, Tal: Roha, District: Raigad, for awarding us the assignment of Green Audit of their Gove Kolad Campus for the Year: 2021-22.

We are thankful to all staff members for helping us during the field study.



EXECUTIVE SUMMARY

1. Tatkare Charitable Trust's Dr. Shree Nanasaheb Dharmadhikari Arts, Commerce & Science College, Gove Kolad, Tal: Roha, District: Raigad consumes Energy in the form of Electrical Energy; used for various equipment.

2. Present Energy Consumption & CO₂ Emission:

No	Parameter/ Value	Energy Consumed, kWh	CO ₂ Emissions, MT
1	Total	3820	3.44
2	Maximum	487	0.44
3	Minimum	85	0.077
4	Average	318.33	0.29

3. Usage of Renewable Energy:

- The College has yet to install Solar PV Plant.

4. Waste Management:

4.1 Solid Waste Management:

The Waste is segregated at the source. Waste bins are kept at various locations.

4.2 Organic Waste Management:

The College has installed a Vermi Composting Unit, for conversion of Organic Waste.

5. Rain Water Management:

The Rain water from the terrace is collected through Pipe and is used to increase the underground water table.

6. Green & Sustainable Initiatives:

- Good internal road for easy movement of commuters
- Internal tree plantation
- Creation of Awareness on Plastic Free Campus by Display of Posters

7. Assumption:

1. 1 kWh of Electrical Energy releases 0.9 Kg of CO₂ into atmosphere

8. Reference:

- For CO₂ Emissions: www.tatapower.com

ABBREVIATIONS

LED	: Light Emitting Diode
kWh	: kilo-Watt Hour
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CHAPTER-I INTRODUCTION

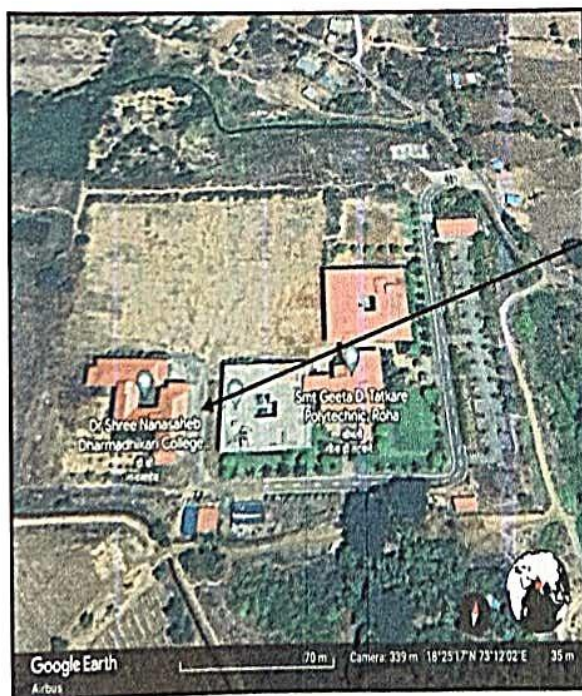
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3	Establishment	2009

1.3 Google Earth Image:



CHAPTER-II

STUDY OF PRESENT ENERGY CONSUMPTION

In this chapter, we present the analysis of last year Electricity Bills

Table No 2: Electrical Bill Analysis- 2021-22:

No	Month	Energy Consumed, kWh
1	Apr-21	487
2	May-21	359
3	Jun-21	309
4	Jul-21	310
5	Aug-21	85
6	Sep-21	373
7	Oct-21	293
8	Nov-21	381
9	Dec-21	256
10	Jan-22	267
11	Feb-22	331
12	Mar-22	369
13	Total	3820
14	Maximum	487
15	Minimum	85
16	Average	318.33

Chart No 1: To study the variation of Monthly Energy Consumption, kWh:

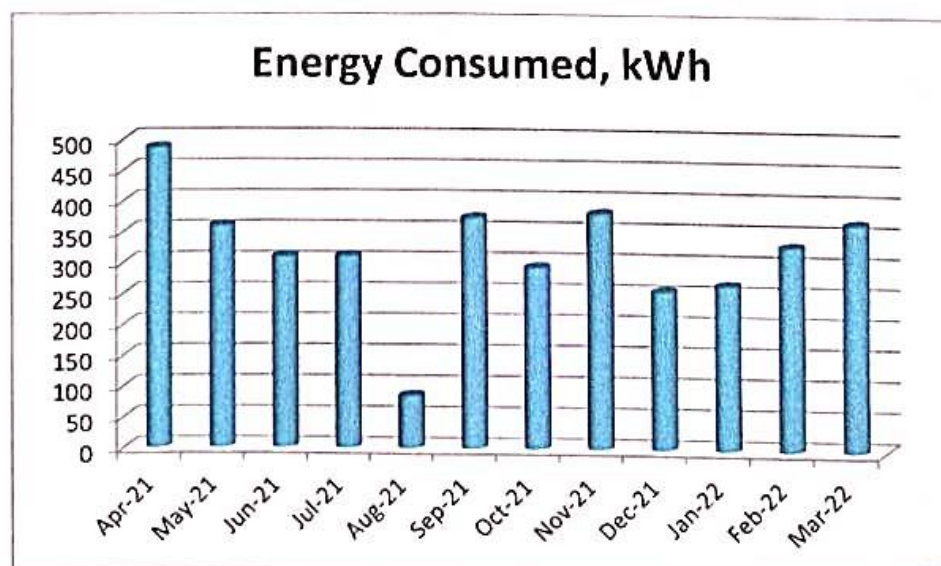


Table No 3: Various Important Parameters:

No	Parameter/ Value	Energy Consumed, kWh
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CHAPTER III

CARBON FOOT PRINTING

A Carbon Foot Print is defined as the Total Greenhouse Gas emissions, emitted due to various activities.

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Basis for computation of CO₂ Emissions:

- 1 Unit (kWh) of Electrical Energy releases 0.8 Kg of CO₂ into atmosphere

Table No 4: Month wise CO₂ Emissions:

No	Month	Energy Consumed, kWh	CO ₂ Emissions, MT
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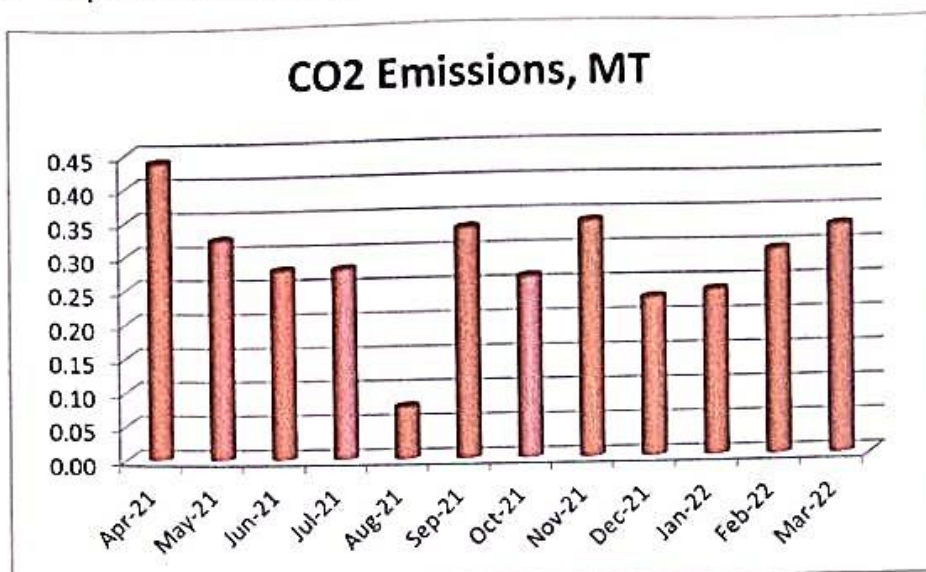


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CHAPTER IV

STUDY OF USAGE OF RENEWABLE ENERGY

The College has yet to install Roof Top Solar PV Plant.

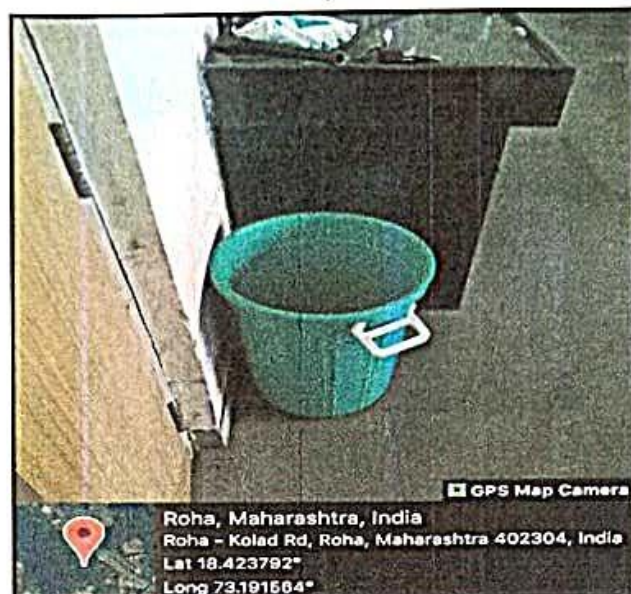


CHAPTER V STUDY OF WASTE MANAGEMENT

5.1 Solid Waste Management:

The Waste is segregated at the source. Waste Bins are kept at various locations.

Photograph of Waste Collection Bin:



5.2 Organic Waste Management:

The College has a Vermi Composting Unit, to convert the Organic Waste into Compost.

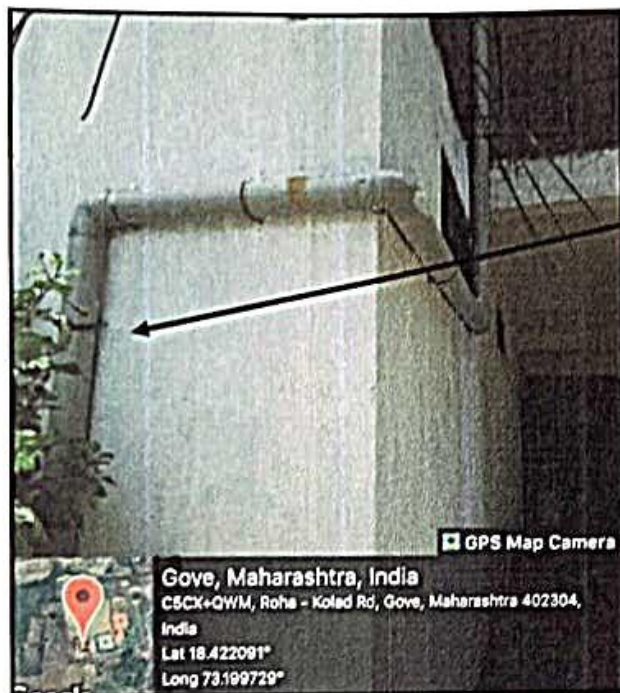
Photograph of Vermi Composting Unit:



CHAPTER VI STUDY OF RAIN WATER MANAGEMENT

The Rain water from the terrace is collected is collected through Pipe and is used to increase the underground water table.

Photograph of Rain Water Management Pipe from Terrace:

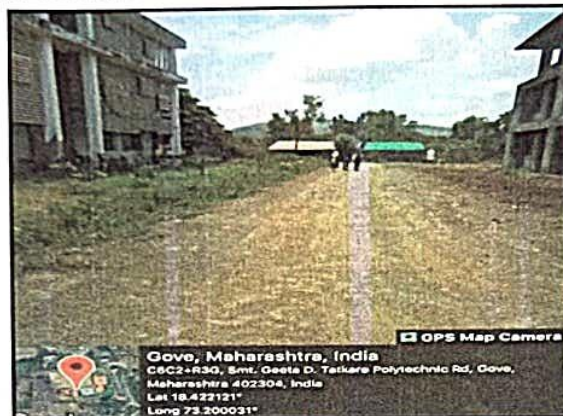


CHAPTER VII STUDY OF GREEN & SUSTAINABLE PRACTICES

7.1 Pedestrian Friendly Road:

The College has well maintained internal roads to facilitate the easy movement of the students within the campus.

Photograph of Internal Road inside the College Campus:



7.2 Tree Plantation:

The College has maintained plantation in the campus.

Photograph of Garden in the College campus:



7.3 Creation of Awareness on Plastic Free Campus:

In order to create awareness on Plastic Free Campus, the College has displayed Poster on the same.

Photograph of Poster on Plastic Free Campus:



Daily Lecture Report

Name of the College: Dr. S.N.D. Senior college gove. Kolad.

Name of the Teacher: prof. more. A.A.

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
1	10-07-10.50	F.Y.BA	Geo-IV			
	10-50-11.40					
	11-40-12.30	S.Y.BA	Geo-III	हिमालयीन नदयांची वैशिष्ट्ये	01	
	12.30-1.20	F.Y.BA	Geo-I	कानह्या संस्तरा सिद्धान्ते पुरावे.	03	
	1.30-2.20					

Date: 17/07/017

Signature of the Teacher

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10-07-10.50	F.Y.	Geo-I	नदीचे कार्य	04	
	10-50-11.40	S.Y.	Geo-II	उत्तर भारतीय भूदृष्टी	04	
	11-40-12.30	F.Y.	Geo-I	नदीचे स्थान कार्य		
	1.30-2.20					

Date: 18/07/017

Signature of the teacher

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students present	Remark
	10-00-10.50		Geo-IV	आर्मील वस्ती स्थानानुसार प्रकार	02	
	10-50-11.40		Geo-III	क्षरण कार्यामुळे होणारी भूदृष्टी	03	
	11-40-12.30		Geo-II	द्विकक्षणीय प्रकार	02	
	12.30-1.20					
	1.30-2.20					



Principal
T.T.S.
Arts, Com & Science College
Kolad, Tal - Richa, Dist. - Raigad

Date: 19/07/017

Signature of the Teacher

Daily Lecture Report

Name of the College: _____

Name of the Teacher: _____

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00-10.50			—		
	10.50-11.40		Geo-V	निर्गति-परिवर्तनवाद	02	
	11.40-12.30		Geo-II		02	
	12.30-1.20		Geo-VI	—		
	1.30-2.20					

Anshu
Signature of the Teacher

Date: 20/07/07

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00-10.50					
	10.50-11.40					
	11.40-12.30					
	12.30-1.20					
	1.30-2.20					

Anshu
Signature of the teacher

Date: 21/07/07

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students present	Remark
	10.00-10.50					
	10.50-11.40		Geo-V	संभववाद - यात्रा व पूरे जा.	06	
	11.40-12.30		Geo-II	—		
	12.30-1.20					
	1.30-2.20					

Anshu
Signature of the Teacher

Date: 22/07/07

DR.SHREE.NANASAHEB DHARMADHIKARI						
ART'S,COMMERCE & SCIENCE COLLEGE ,GOVE - KOLAD						
ARTS DEPARTMENT						
PROFFESOR REPORT						
NAME OF PROF.: <u>DR. MOH. A.A.</u>						
TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
10.00 AM TO 10.50 AM	Geo-IV	Geo-IV	Geo-IV			
10.50 AM TO 11.40 AM	Geo-I	Geo-I	Geo-I	Geo-V	Geo-V	Geo-V
11.40 AM TO 11.12.30 PM	Geo-III	Geo-III	Geo-III	Geo-II	Geo-II	Geo-II
12.30 PM TO 1.20 PM	Geo-I	Geo-I		Geo-V		
LUNCH TIME 1.20 PM TO 1.40 PM						
1.40 PM TO 2.30 PM						
2.30 PM TO 3.20 PM	फ्रीडा विभागाची कामे केलेली करण्यात आली					
3.20 PM TO 4.00 PM	NAAAC ची कामे केलेली करण्यात आली.					

Ankur
PROF.Sign

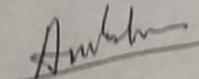
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PRINCIPAL
[Signature]
PRINCIPAL
T.C.T.S.
Arts, Com & Science College
Kolad, Tal -Roha, Dist.-Raigad

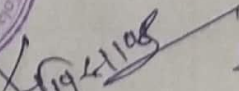


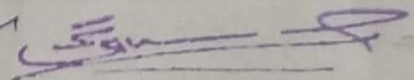
July-10/07/017 To 15/07/017.

TATKARE CHARITABLE TRUST						
DR. SHRI. L. NANASAHEB DHARMADHIKARI						
ART'S, COMMERCE & SCIENCE COLLEGE, GOVE - KOLAD						
ARTS DEPARTMENT						
PROFESSOR REPORT						
NAME OF PROF. I	Prof. More A.A.					
TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
10.00 AM TO 10.50 AM	Geo-IV	Geo-IV	Geo-IV	Geo-II	Geo-II	Geo-II
10.50 AM TO 11.40 AM				Geo-V	Geo-V	Geo-V
11.40 AM TO 12.30 PM	Geo-III	Geo-III	Geo-III		Geo-I	
12.30 PM TO 1.20 PM	Geo-I	Geo-I	Geo-I	Geo-VI		
LUNCH TIME 1.20 PM TO 1.40 PM						
1.40 PM TO 2.30 PM						
2.30 PM TO 3.20 PM	फ्रिडा विभागाची कामे केली तसेच फ्रिडा विभागाची विविध नपरीसाठी विद्यार्थ्यांची मादी के केली					
3.20 PM TO 4.00 PM	NAAC कमेटीची कामे करण्यात आली.					


PROF. Sign




HOD. Sign


PRINCIPAL
T.C.T.S. PRINCIPAL

F.Y.B.A- Paper-I - आगिजन्य खडक, उत्तरित किता मोजके

S.Y.B.A- Paper-II -

Paper-III - हिमालय पर्वतीय प्रदेश, भारतीय मंदीने, द्विपक्षीय पणर

T.Y.B.A Paper-IV - भारतातील ग्रामीण दशचे प्रकार, परिणाम करणारे चरक.

Paper-V - पर्यावरण भूगोल शास्त्री, पर्यावरणाचे चरक.

Paper-VI - मानव पर्यावरण संबंध.
मुलभूत नकाशा.

Daily Lecture Report

Name of the College: _____

Name of the Teacher: _____

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00 ते 10.50	S.Y.	Geo-II			
	10.50 ते 11.40	T.Y.	Geo-V	पर्यावरण भूगोल.		
	11.40 ते 12.30					
	12.30 ते 1.40	T.Y.	Geo-VI	मुलभूत नकाशा		

Date: 06/07/2017

Signature of the Teacher

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00 ते 10.50	S.Y.	Geo-II			
	10.50 ते 11.40	T.Y.	Geo-V	पर्यावरण भूगोल स्वरूप.		
	11.40 ते 12.30	F.Y.	Geo-I	पर्यावरण	03	
	12.30 ते 1.40					

Date: 07/07/017

Signature of the teacher

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students present	Remark
	10.00 ते 10.50	S.Y.	Geo-II			
	10.50 ते 11.40	T.Y.	Geo-V	पर्यावरण भूगोलाची व्याप्ती.		
	11.40 ते 12.30					
	12.30 ते 1.20					



PRINCIPAL

Arts, Commerce & Science College
Kolad, Tal. Thane, Dist. Thane

Date: 08/07/017

Signature of the Teacher

July-31/07/17 To

Daily Lecture Report

Name of the College: Dr. S.N.D. A.C. SC. College Kolad.

Name of the Teacher: Prof. more. A.A.

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
1	10:00 ते 10:50	T.Y.B.A	Geo-IV	गामीन वस्ती.		
2	10:50 ते 11:40					
3	11:40 ते 12:30	S.Y.B.A	Geo-III	भारत व्यापक व विस्तार.		
4	12:30 ते 1:20	F.Y.B.A	Geo-I	पृथ्वीचे अंतरंग		
5	1:40 ते 2:30					

Date: 03/07/2017

A.A.
Signature of the Teacher

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10:00 ते 10:50	T.Y.B.A	Geo-IV	गामीन वस्तीचे स्वरूप.		
	10:50 ते 11:40	S				
	11:40 ते 12:30	S.Y.B.A	Geo-III	भारत व शेजारील देश.		
	12:30 ते 1:20	F.Y.	Geo-I	पृथ्वीच्या अंतरंगाचे थर.		

Date: 04/07/2017

A.A.
Signature of the teacher

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students present	Remark
	10:00 ते 10:50	T.Y.	Geo-IV	घर बांधणीसाठी वापरले जाणारे साहित्य.		
	10:50 ते 11:40					
	11:40 ते 12:30	S.Y.	Geo-III	भारताचे उत्तर पूर्व गोलार्ध स्थान.		
	12:30 ते 1:20	F.Y.	Geo-I	खडक आणि खनिज.		

Date: 05/07/17

A.A.
Signature of the Teacher

July- 10/07/07 To 15/07/07

Daily Lecture Report

Name of the College: Dr. S.N.D Senior College Kolad.

Name of the Teacher: Prof. More. A.A.

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00-10.50	T-Y.	Geo. IV	भारतातील ग्रामीण घरांचे प्रकार 03		
	10.50-11.40					
	11.40-12.30	S-Y.	Geo. III	हिमालय पर्वतीय प्रदेश.		
	12.30-1.20	F-Y.	Geo. I	आग्नेय अक्षांश.		
	1.40-2.30					

Date: 10/07/07

Ambh
Signature of the Teacher

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00-10.50	F-Y.	Geo. IV	ग्रामीण वस्तीवर परिणामकारक 05		
	10.50-11.40					
	11.40-12.30	S-Y.	Geo. III	उत्तर भारतीय मैदानी प्रदेश		
	12.30-1.20	F-Y.	Geo. I	हिम अक्षांश रेलीन अक्षांश 03		
	1.40-2.30					

11/07/07

Ambh
Signature of the teacher

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students present	Remark
	10.00-10.50	T-Y.	Geo. IV	ग्रामीण वस्ती सार्वजनिक 04		
	10.50-11.40					
	11.40-12.30	S-Y.	Geo. III	द्विपक्षीय पठार.	04	
	12.30-1.20	F-Y.	Geo. I	रेल्वे किंवा गावांचे अक्षांश 03		
	1.40-2.30					

Date: 12/07/07



Ambh
Signature of the Teacher
Arts, Com & Science College
Kolad, Tal. Raha, Dist. Raigad

Daily Lecture Report

Name of the College: _____

Name of the Teacher: _____

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00-10.50	S.Y.	Geo-II			
	10.50-11.40	T.Y.	Geo-V	पर्यावरण भूगोल व्याप्ती	06	
	11.40-12.30					
	12.30-1.20	T.Y.	Geo-VI	विदेशी मत्स्य पद्धतीची परिभाषा		
	1.40-2.30					

Date: 13/07/017

Anish
Signature of the Teacher

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00-10.50	S.Y.	Geo-II			
	10.50-11.40	T.Y.	Geo-V	पर्यावरणाचे घटक	01	
	11.40-12.30	F.Y.	Geo-II	रुपांतरित किंवा पिकृत खादक	03	
	12.30-1.20					
	1.40-2.30					

Date: 14/07/017

Anish
Signature of the teacher

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students present	Remark
	10.00/10.50	S.Y.	Geo-II			
	10.50-11.40	T.Y.	Geo-V	पर्यावरण भूगोल		
	11.40-12.30					
	12.30-1.20					
	1.40-2.30					

Date :

Anish
Signature of the Teacher

07/08/2017 13:24:07

TATKARE CHARITABLE TRUST'S						
DR.SHREE.NANASAHEB DHARMADHIKARI						
ART'S,COMMERCE & SCIENCE COLLEGE,GOVE - KOLAD						
ARTS DEPARTMENT						
PROFFESOR REPORT						
NAME OF PROF. : <u>MOYE A A</u>						
TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
10.00 AM TO 10.50 AM	Geo - IV	Geo - IV	Geo - IV			
10.50 AM TO 11.40 AM	Geo - I	Geo - I	Geo - I	Geo - V	Geo - V	Geo - V
11.40 AM TO 12.30 PM	Geo - III	Geo - III	Geo - III	Geo - II	Geo - II	Geo - II
12.30 PM TO 1.20 PM	Geo - VI	Geo - VI	Geo - VI			
LUNCH TIME 1.20 PM TO 1.40 PM						
1.40 PM TO 2.30 PM						
2.30 PM TO 3.20 PM	क्रिडा विभागाची कामे करण्यात आली.					
3.20 PM TO 4.00 PM	NAAC कमिटीची कामे करण्यात आली.					

Amth

PROF.Sign

Y. D. D. S.

HOD.Sign

PRINCIPAL



Y. D. D. S.

PRINCIPAL
T.C.T.S.

Arts, Com & Science College
Kolad, Tal - Raha, Dist - Raigarh

Daily Lecture Report

Name of the College: _____

Name of the Teacher: _____

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00-10.50					
	10.50 11.40	T.Y.	Geo-V		Ab	
	11.40 12.30	S.Y.	Geo-II	मृदेवर परिणाम करणारे घटक.	02	
	12.30 1.20					
	1.30 2.20					

Date: 10/08/017

Ambekar
Signature of the Teacher

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00 10.50					
	10.50 11.40	T.Y.	Geo-V	परिस्थितिक कार्यस्थलेचे प्रकार.	09	
	11.40 12.30	S.Y.	Geo-II	मृदेची वैशिष्ट्ये	02	
	12.30 1.20					
	1.30 2.20					

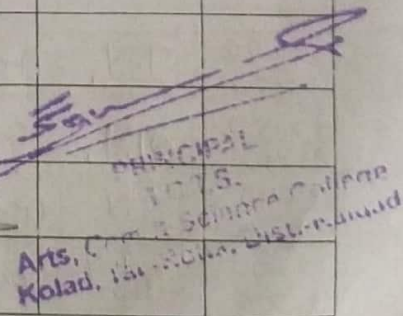
Date: 11/08/017

Ambekar
Signature of the teacher

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students present	Remark
	10.00 10.50					
	10.50 11.40	T.Y.	Geo-V	Ab		
	11.40 12.30	S.Y.	Geo-II	Ab		
	12.30 1.20					
	1.30 2.20					

Date: 12/08/017

Ambekar
Signature of the Teacher



Daily Lecture Report

Name of the College: Dr. S.M.D College govt. Kolad,

Name of the Teacher: _____

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00 11.50		Geo			
	10.50 11.40					
	11.40 12.30					
	12.30 1.20					
	1.30 2.20					

Date: 07/08/017

Signature of the Teacher

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00 10.50	T.Y.	Geo-IV	ग्रामीण वस्तुंचे प्रकार	03	
	10.50 11.40	F.Y.	Geo-I	वास्थाचे प्रकार	04	
	11.40 12.30	S.Y.	Geo-III	-	Ab.	
	12.30 1.20	T.Y.	Geo-V	परिसंख्येचे धरण.	03	
	1.30 2.20					

Date: 08/08/017

Signature of the teacher

Lec No.	Timings	Class	Subject	Topics Covered	No. of Students present	Remark
	10.00 10.50	T.Y.	Geo-IV	ग्रामीण वस्तुंचाची वेळीचे	03	
	10.50 11.40	B.F.Y.	Geo-I	वायुमंडळाचा स्वरूप व त्यामुळे निर्माण झालेली भूकंप.	03	
	11.40 12.30	S.Y.	Geo-III	मृदा.	01	
	12.30 1.20	T.Y.	Geo-V	परिसंख्येचे कार्य.	03	
	1.30 2.20					

Date: 09/08/017

Signature of the Teacher

Daily Lecture Report

Name of College: TCTS Dr. SND.ACS COLLEGE Gove - Kolad

Name of Teacher: Prof. More. A. A.

Lec. No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00-10.50					
	10.50-11.40	7.Y.BA	Geo - V	वनस्पति	02	
	11.40-12.30	5.Y.BA	Geo - II	भूगोल		
	12.30-1.20					
	1.30-2.20					

Date:- 21/09/017

Sign. Of the Professor

Lec. No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00-10.50					
	10.50-11.40	7.Y.BA	Geo - V	पर्वतों का उपयोग	02	
	11.40-12.30	5.Y.BA	Geo - II	हवेली का पमानावर वल्ल	04	
	12.30-1.20					
	1.30-2.20					

Date:- 22/09/017

Sign. Of the Professor

Lec. No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00-10.50					
	10.50-11.40	7.Y.BA	Geo - V	पर्वतों की संकीर्ण वल्ल		
	11.40-12.30	5.Y.BA	Geo - II			
	12.30-1.20					
	1.30-2.20					

Date:- 23/09/017

Sign. Of the Professor

PRINCIPAL

TCTS,
Arts, Com & Science College
Kolad, Tal - Roha, Dist - Raigad

Daily Lecture Report

18/09/17 to 23/09/17

Name of College: TCTS Dr. S.N.D.ACS COLLEGE Gove - Kolad

Name of Teacher: Prof. M. A. A.

Lec. No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10:00-10:50	T-YBA	GEO-IV	जेतकी जेज्याची वेळीची	06	
	10:50-11:40	T-YBA	GEO-I	सामान्य रेखांची संकल्पना	08	
	11:40-12:30	S-YBA	GEO-II	खनिज संयुगांची	05	
	12:30-1:20	T-YBA	GEO-VI	हादः २०३५	06	
	1:30-2:20					

Date: 18/09/17

Sign. Of the Professor

Lec. No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10:00-10:50	T-YBA	GEO-IV	गन्ध ग्रामीण वस्ती	04	
	10:50-11:40	S-YBA	GEO-I	चक्रांतील भूधराचा उदय	04	
	11:40-12:30	S-YBA	GEO-III	खनिज वितरण	06	
	12:30-1:20	T-YBA	GEO-V	भौतिक संशोधनसंपत्ती	04	
	1:30-2:20					

Date: 19/09/17

Sign. Of the Professor

Lec. No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10:00-10:50	T-YBA	GEO-IV	आगकाम झेडे	03	
	10:50-11:40	F-YBA	GEO-I	वेळीकरण	01	
	11:40-12:30	S-YBA	GEO-III	खनिजांचे प्रकार	04	
	12:30-1:20	T-YBA	GEO-VI	हादः २०३५ कलात्मिक	03	
	1:30-2:20					

Date: 20/09/17

Sign. Of the Professor

18/09/17 to 23/09/17

TATKARE CHARITABLE TRUST'S						
DR.SHREE.NANASAHEB DHARMADHIKARI						
ART'S,COMMERCE & SCIENCE COLLEGE ,GOVE - KOLAD						
ARTS DEPARTMENT						
PROFFESOR REPORT						
NAME OF PROF. : <u>More.A.A.</u>						
TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
10.00 AM TO 10.50 AM	Geo - IV	Geo - IV	Geo - IV			
10.50 AM TO 11.40 AM	Geo - I	Geo - I	Geo - I	Geo - V	Geo - V	Geo - V
11.40 AM TO 12.30 PM	Geo - III	Geo - III	Geo - III	Geo - II	Geo - II	Geo - II
12.30 PM TO 1.20 PM	Geo - VI	Geo - VI	Geo - VI			
LUNCH TIME 1.20 PM TO 1.40 PM						
1.40 PM TO 2.30 PM						
2.30 PM TO 3.20 PM	क्रिडा विभागाची कामे					
3.20 PM TO 4.00 PM	NAAC कमेटीची कामे.					

Anurag

PROF.Sign

HOD.Sign

PRINCIPAL



[Signature]

Arts, Com & Science College
Kolad, Tal-Kolad, Dist-Nandgaon

Daily Lecture Report

Name of College: TCTS Dr. SND.ACS COLLEGE Gove - Kolad

Name of Teacher: Prof. More. A.A

04/09/17

Lec. No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00-10.50	T.Y.BA	Geo-IV	गाम्भीर्य परलयाचे स्वरूप	01	18
	10.50-11.40	F.Y.	Geo-I	अ		
	11.40-12.30	S.Y.	Geo-III			
	12.30-1.20	T.Y.	Geo-IV	सांख्यिकीय	01	11
	1.30-2.20					

Anish

Sign. Of the Professor

Date:-

05/09/17

Lec. No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00-10.50	T.Y.BA	Geo-IV			
	10.50-11.40	S.Y.BA	Geo-I	अनंत चतुर्था		
	11.40-12.30	S.Y.BA	Geo-III			
	12.30-1.20	T.Y.BA	Geo-IV			
	1.30-2.20					

Anish

Sign. Of the Professor

Date:-

06/09/17

Lec. No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00-10.50	T.Y.BA	Geo-IV	गाम्भीर्य परलयाची घरे	04	08
	10.50-11.40	S.Y.BA	Geo-I	सागरा वाटांचे कार्य	01	41
	11.40-12.30	S.Y.BA	Geo-III			
	12.30-1.20	T.Y.BA	Geo-IV	सांख्यिकीय	04	08
	1.30-2.20					

Anish

Sign. Of the Professor

Date:-



PRINCIPAL

Art, Com & Science College
Kolad, Tal - Rona, Dist - Raigad

Daily Lecture Report

Name of College: TCTS Dr. SND.ACS COLLEGE Gove - Kolad

Name of Teacher:

07/09/17

Lec. No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00-10.50					
	10.50-11.40	T-4.BA	Geo-V	परिसर्या	06	06
	11.40-12.30	S-4.BA	Geo-II	होमोन कानो काय.	01	21
	12.30-1.20					
	1.30-2.20					

Date:-

Anksh
Sign. Of the Professor

08/09/17

Lec. No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00-10.50					
	10.50-11.40	T-4.BA	Geo-V			
	11.40-12.30	S-4.BA	Geo-II			
	12.30-1.20					
	1.30-2.20					

Date:-

Anksh
Sign. Of the Professor

09/09/17

Lec. No.	Timings	Class	Subject	Topics Covered	No. of Students Present	Remark
	10.00-10.50					
	10.50-11.40	T-4.BA	Geo-V			
	11.40-12.30	S-4.BA	Geo-II			
	12.30-1.20					
	1.30-2.20					

Date:-

Anksh
Sign. Of the Professor

04/09/17 to 09/09/17

TATKARE CHARITABLE TRUST'S
DR. SHREE. NANASAHEB DHARMADHIKARI
ART'S, COMMERCE & SCIENCE COLLEGE, GOVE - KOLAD

ARTS DEPARTMENT

PROFESSOR REPORT

NAME OF PROF.: More A.A.

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
10.00 AM TO 10.50 AM	Geo-IV	Geo-IV	Geo-IV	6		
10.50 AM TO 11.40 AM	Geo-I	Geo-I	Geo-I	Geo-IV	Geo-V	Geo-V
11.40 AM TO 12.30 PM	Geo-III	Geo-III	Geo-III	Geo-II	Geo-II	Geo-II
12.30 PM TO 1.20 PM	Geo-VI	Geo-VI	Geo-VI			
LUNCH TIME 1.20 PM TO 1.40 PM						
1.40 PM TO 2.30 PM						
2.30 PM TO 3.20 PM	क्रिडा विभागाची कामे करण्यात आली.					
3.20 PM TO 4.00 PM	NAAC ची कामे करण्यात आली.					

PROF. Sign

HOD Sign



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Arts, Com & Science College
Kolad, Tal. Rahat, Dist. Raigad

Teaching Dairy

Name of Prof:-

Date:- 24/11/2022 Thursday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 to 10.50	T.Y.	B.EC	व्यापार शर्ती निर्धारक द्वायक	18
02	10.50 to 11.40	S.Y.	COM	सुशोध्य उत्पादन पद्धतीची निवड	17
03	11.40 to 12.30	F.Y.	B.EC	समउत्पादन वक्र लक्षात	16

Date:- 25/11/2022 Friday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 to 10.50	T.Y.	B.EC	व्यापारशर्तीच्या मर्यादा	15
02	10.50 to 11.40	S.Y.	COM	उत्पादन पद्धती निवडीक परिणाम करणारे घटक	14
03	11.40 to 12.30	F.Y.	B.EC	समउत्पादन वक्राची विशिष्टता	13

Date:- 28/11/2022 Monday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 to 10.50	S.Y.	B.EC	सामाजिक लाभाच्या कसोट्या	11
02	11.40 to 12.30	F.Y.	F.C	स्थलांतर	08
03					

Date:- 29/11/2022 Tuesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 to 10.50	S.Y.	B.EC	सामाजिक लाभाच्या मापनातील अडथळी	07
02	11.40 to 12.30	F.Y.	F.C	स्थलांतराचे प्रकार	09

Date:-

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students



[Signature]

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AHS, Coim & Science College
Kolad, Tal: Rahga, Dist: Raigad

ARTS COMMERCE & SCIENCE COLLEGE
DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss. Shinde P.T.

Date:- 18/11/2022 Friday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.50 10.50	T.Y.	B.EC	व्यापार शक्ति अर्थ व प्रकार	19
02	10.50 11.40	S.Y.	COM	व्यंजित उत्पादन व अंतत उत्पादन पद्धति	18
03	11.40 12.30	F.Y.	B.EC	कोष समतु उत्पादन फलनांकित टिक	14

Date:- 19/11/2022 Saturday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 10.50	T.Y.	B.EC	समतुल व्यापार शक्ति	16
02	10.50 11.40	S.Y.	COM	अवधिक उत्पादन पद्धति	15
03	11.40 12.30	F.Y.	B.EC	समउत्पादन फलनांकित विश्लेषण	14

Date:- 21/11/2022 Monday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 10.50	S.Y.	B.EC	सीमांत सामाजिक लाभ व त्याग	13
02	10.50 11.40	F.Y.	F.C	अर्थनिकीकरण श्रेजगारवर होणारा परिणाम	18
03	11.40 12.30				

Date:- 22/11/2022 Tuesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 10.50	S.Y.	B.EC	समूह व यांचा सिद्धांत	14
02	10.50 11.40	F.Y.	F.C	विविध क्षेत्रात उपलब्ध असणाऱ्या श्रेजगार यांचा	16
03	11.40 12.30				

Date:- 23/11/2022 Wednesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 10.50	S.Y.	B.EC	समसीमांत उपयोजिता नियम	19
02	10.50 11.40	F.Y.	F.C	कंत्राटी पद्धतीच्या कामगारामध्ये वाढ	20
03	11.40 12.30				



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ART'S COMMERCE & SCIENCE COLLEGE GOVE-KOLAD
DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss. Shinde P.J.

Date:- 07/11/2022 Monday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10.00 to 10.50	S.Y.B. Com	B.Eco	आवृत्तिका आयुष्य व आवृत्तिका आयुष्य	19
02	11.40 to 12.30	S.Y.B. Com	F.C	आवृत्तिकाकरण आवृत्तिकाकरण आवृत्तिकाकरण	16

Date:- 08/11/2022 Tuesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10.00 to 10.50	S.Y.B. Com	B.Eco	आवृत्तिका आवृत्तिका आवृत्तिका आवृत्तिका	26
02	11.40 to 12.30	S.Y.B. Com	F.C	आवृत्तिकाकरण आवृत्तिकाकरण	13

Date:- 09/11/2022 Wednesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10.00 to 10.50	S.Y.B. Com	B.Eco	आवृत्तिका आवृत्तिका आवृत्तिका आवृत्तिका	18
02	11.40 to 12.30	S.Y.B. Com	F.C	आवृत्तिकाकरण आवृत्तिकाकरण	17

Date:- 10/11/2022 Thursday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10.00 to 10.50	S.Y.B. Com	B.Eco	आवृत्तिका आवृत्तिका आवृत्तिका आवृत्तिका	19
02	10.50 to 11.40	S.Y.B. Com	Com	आवृत्तिका आवृत्तिका आवृत्तिका आवृत्तिका	23
03	11.40 to 12.30	S.Y.B. Com	B.Eco	आवृत्तिका आवृत्तिका आवृत्तिका आवृत्तिका	21

Date:- 11/11/2022 Friday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10.00 to 10.50	S.Y.B. Com	B.Eco	आवृत्तिका आवृत्तिका आवृत्तिका आवृत्तिका	26
02	10.50 to 11.40	S.Y.B. Com	Com	आवृत्तिका आवृत्तिका आवृत्तिका आवृत्तिका	26
03	11.40 to 12.30	S.Y.B. Com	B.Eco	आवृत्तिका आवृत्तिका आवृत्तिका आवृत्तिका	11

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ART'S COMMERCE & SCIENCE COLLEGE GOVE-KOLAD
DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss. Shinde P.T.

Date:- 12/11/2022 Saturday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 to 10.50	F.Y.	B.EC	आंतरराष्ट्रीय व्यापारचा सिद्धान्त	16
02	10.50 to 11.40	S.Y.	COM	उत्पादन पद्धती	14
03	11.40 to 12.30	F.Y.	B.EC	कॉप डबलस उत्पादन फलनाची वैशिष्ट्ये	13

Date:- 14/11/2022 Monday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
					19
01	10.00 to 10.50	S.Y.	B.EC	महत्त्व सामाजिक लाभाचे तत्त्व	18
02	11.40 to 12.30	F.Y.	F.C	उत्प्रेरणेच्या आरंभित उत्प्रेगावरील परिणाम	17

Date:- 15/11/2022 Tuesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 to 10.50	S.Y.	B.EC	डबलस यांचा महत्त्व सामाजिक लाभाचा सिद्धान्त	16
02	11.40 to 12.30	F.Y.	F.C	जागतिकीकरण	14

Date:- 16/11/2022 Wednesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 to 10.50	S.Y.	B.EC	महत्त्व सामाजिक लाभ	13
02	11.40 to 12.30	F.Y.	F.C	जागतिकीकरणाचा अर्थव्यवस्थेवर होणारा परिणाम	12

Date:- 17/11/2022 Thursday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 to 10.50	T.Y.	B.EC	रिक्टर ओहलीनू यांचा सिद्धान्त	21
02	10.50 to 11.40	S.Y.	COM	उत्पादन पद्धती	19
03	11.40 to 12.30	F.Y.	B.EC	कॉप डबलस फलनाचे आर्थिक महत्त्व	17



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DR. SHREE NANASAHEB DHARMADHIKARI
ART'S COMMERCE & SCIENCE COLLEGE GOVE-KOLAD
DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss. Shinde P.J.

Date:- 28/12/2022 Wednesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	S.Y.	Eco	अप्रत्यक्ष कराचे गुण व दोष	23
02	11:40 to 12:30	F.Y.	F.C	माहिती तंत्रज्ञान भागि हार्न दिवस ऑनलाइन परीक्षा	24

Date:- 29/12/2022 Thursday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	T.Y.	Eco	मुक्त व्यापारीचे स्वरूप, अर्थ व स्वरूप	25
02	10:50 to 11:40	S.Y.	COM	आमची नियंत्रण	26
03	11:40 to 12:30	F.Y.	Eco	उत्पादनातील मितव्ययता	27

Date:- 30/12/2022 Friday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	T.Y.	Eco	मुक्त व्यापारीचे कार्य	28
02	10:50 to 11:40	S.Y.	COM	उत्पादकता व वित्त तंत्र	16
03	11:40 to 12:30	F.Y.	Eco	उत्पादनातील अतिमितव्ययता	17

Date:-

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students

Date:-

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students



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T.C.T.S.
DR. SHREE NANASAHEB DHARMADHIKARI
ART'S COMMERCE & SCIENCE COLLEGE GOVE-KOLAD
DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss. Shinde P.T.

Date:- 1/11/2022 Tuesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10.00 to 10.50	S.Y.B. Com	B.EC	सार्वजनिक भायव्याची संकल्पना	10
02	11.40 to 12.30	F.Y.B. Com	F.C	जागतिकीकरण आणि आर्थिक संपादन	12

Date:- 02/11/2022 Wednesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10.00 to 10.50	S.Y.B. Com	B.EC	सार्वजनिक भायव्याची व्याप्ती व कार्ये	10
02	11.40 to 12.30	F.Y.B. Com	F.C	जागतिकीकरण	11

Date:- 03/11/2022 Thursday

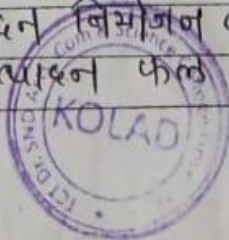
Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10.00 to 11.40	S.Y.B. Com	COM	उत्पादन व्यवस्थापनाची व्याख्या व अर्थ	12
02	10.00 to 10.50	T.Y.B. Com	B.EC	आंतरराष्ट्रीय व्यापारातील फरक	13
03	11.40 to 12.30	F.Y.B. Com	EC	उत्पादन विरलेषण	

Date:- 04/11/2022 Friday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10.00 to 10.50	T.Y.B. Com	B.EC	आंतरराष्ट्रीय व्यापाराचे सिद्धांत	12
02	10.50 to 11.40	S.Y.B. Com	COM	उत्पादन व्यवस्थापनाची उद्दिष्टे	17
03	11.40 to 12.30	F.Y.B. Com	B.EC	उपयोगिताचे प्रकार	13

Date:- 05/11/2022 Saturday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10.00 to 10.50	T.Y.B. Com	B.EC	आंतरराष्ट्रीय व्यापाराचा तुलनात्मक अर्थसिद्धांत	13
02	10.50 to 11.40	S.Y.B. Com	COM	उत्पादन नियोजन व नियंत्रण	19
03	11.40 to 12.30	F.Y.B. Com	B.EC	उत्पादन फर्म	17



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DR. SHREE NANASAHEB DHARMADHIKARI
ART'S COMMERCE & SCIENCE COLLEGE GOVE-KOLAD
DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss. Shinde P.J.

Date:- 15/12/2022 Thursday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 11:30	T.Y	ECO	उत्पादन श्रमशक्तीकृत लफावत व व्यापार शक्ती	08
02	11:30 to 12:30	S.Y	COM	गुणवत्ता नियंत्रणाचे महत्त्व	09
03	12:30 to 12:30	F.Y	ECO	अचानक प्रकार	10

Date:- 16/12/2022 Friday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	T.Y	ECO	मानवशिल्ले, कायदे	11
02	10:50 to 11:40	S.Y	COM	गुणवत्ता नियंत्रणाची लक्षणे	12
03	11:40 to 12:30	F.Y	ECO	अचानक वक्र	13

Date:- 17/12/2022 Saturday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	T.Y	ECO	आंतरराष्ट्रीय व्यापारची सुरुवात	14
02	10:50 to 11:40	S.Y	COM	गुणवत्ता वृद्धी व विशेष	15
03	11:40 to 12:30	F.Y	ECO	दिक्कालीन सरासरी अर्थ वक्र	16

Date:- 19/12/2022 Monday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y	ECO	करांचे स्वरूप	17
02	11:40 to 12:30	F.Y	F.C	स्थलांतराचे परीणाम	18

Date:- 20/12/2022 Tuesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y	ECO	प्रत्यक्ष करांचे गुण व दोष	19
02	11:40 to 12:30	F.Y	F.C	जात्रात्मिकीकरणाच्या वेळी व्यवसायावरील परिणाम	20



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ART'S COMMERCE & SCIENCE COLLEGE GOVE-KOLAD
DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss. Shinde P.J.

Date:- 02/12/2022 Friday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	T.Y.	Eco	आंतरराष्ट्रीय व्यापाराचे फायदे	17
02	10:50 to 11:40	S.Y.	COM	सामग्री नियंत्रणाची उद्दीष्टे	16
03	11:40 to 12:30	F.Y.	Eco	उत्पादकाचा समतोल	09

Date:- 03/12/2022 Saturday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	T.Y.	Eco	आंतरराष्ट्रीय व्यापाराचे फायदे व बवबारे धटक	13
02	10:50 to 11:40	S.Y.	COM	सामग्री नियंत्रणाच्या पद्धती	15
03	11:40 to 12:30	F.Y.	Eco	उत्पादन विस्तार पथ	14

Date:- 05/12/2022 Monday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	S.Y.	Eco	सरकारची महसुलाची सूचना	16
02	11:40 to 12:30	P.Y.	F.C	मानवी हक्कांची उक्ती	17
					0

Date:- 07/12/2022 Wednesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	S.Y.	Eco	सांख्यिकीय रूपण	18
02	11:40 to 12:30	F.Y.	F.C	मानवी हक्कांची महत्त्व	17

Date:- 08/12/2022 Thursday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	S.Y.	Eco	सांख्यिकीय कर	16
02	11:40 to 12:30	F.Y.	F.C	मानवी हक्कांची वार्षिक जाहिरनामा	08



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Arts, Com & Science College
Kolad, Tal -Roha, Dist.-Raigarh

TCT'S
DR. SHREE NANASAHEB DHARMADHIKARI
ART'S COMMERCE & SCIENCE COLLEGE GOVE-KOLAD
DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss. shinde P.J.
Date:- 09/12/2022 Friday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	T.Y	ECO	वापार शक्ति अर्थ, स्वरूप, प्रस्तावना	19
02	10:50 to 11:40	S.Y	COM	शुद्धता वास्तव्य प्रस्तावना, अर्थ, महत्त्व	20
03	11:40 to 12:30	F.Y	ECO	वदन्त्या प्रमाणता नियम	18

Date:- 10/12/2022 saturday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	T.Y	ECO	वापार शक्ति प्रकार	17
02	10:50 to 11:40	S.Y	COM	शुद्धता व पण	16
03	11:40 to 12:30	F.Y	ECO	उत्पादन प्रमाण फलता नियम	15

Date:- 12/12/2022 Monday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	S.Y	ECO	करांचे उत्पन्न, घटक व शुद्धता करील परिणाम	14
02	11:40 to 12:30	F.Y	F.C	ई-मेलचे स्वरूप	13

Date:- 13/12/2022 Tuesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	S.Y	ECO	करांचे प्रमाण, करांचात, करभार	12
02	11:40 to 12:30	F.Y	F.C	मात्रा एककाचे संकल्पना	11

Date:- 14/12/2022 wednesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	S.Y.	ECO	करांचे उत्पन्नाच्या विवरणावर परिणाम	10
02	11:40 to 12:30	F.Y.	F.C	मात्रा एककाचे वरील	09



Arts, Com & Science College
Kolad, Tal. Raha, Dist. Raigarh

TCT'S
DR. SHREE NANASAHEB DHARMADHIKARI
ART'S COMMERCE & SCIENCE COLLEGE GOVE-KOLAD
DEPARTMENT OF COMMERCE
ACADEMIC YEAR 20 22-23
Teaching Dairy

Name of Prof:- Miss. shinde P.J.

Date:- 27/01/2023 Saturday Friday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	T.Y.	ECO	दिर्घकालीन व्यापारी करार	17
02	10:50 to 11:40	S.Y.	COM	वित्तीय प्रणालीची स्थला व कार्ये	18
03	11:40 to 12:30	F.Y.	ECO	भवतदारीचे प्रकार व स्त्रोत	19

Date:- 30/01/2023 Monday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y.	ECO	अंदजपत्रक अर्थ स्थला व व्याख्या	20
02	10:50 to 11:40	F.Y.	P.C	परावर्तन अवतलिते परिणाम	21

Date:- 31/01/2023 Tuesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y.	ECO	अंदजपत्रकाचे प्रकार	18
02	10:50 to 11:40	F.Y.	P.C	शाश्वत विकासाची संकल्पना	17

Date:- 01/02/2023 Wednesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y.	ECO	अंदजपत्रकाचे लुटीचे प्रकार	16
02	10:50 to 11:40	F.Y.	P.C	लगाव आणि मध्य	15

Date:- 03/02/2023 Friday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	T.Y.	ECO	आर्थिक समुदायी उदारीकरण	14
02	10:50 to 11:40	S.Y.	COM	मांडलिक बाजार व त्यांचे वर्गीकरण	13
03	11:40 to 12:30	F.Y.	ECO	दुर्गा स्थला आणि भवतदारीतील फरक	12

Principal
Arts, Com & Science College
Kolad, Tal. Rahur, Dist. Raichur

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ART'S COMMERCE & SCIENCE COLLEGE GOVE-KOLAD
DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss. Shinde P.J.

Date:- 02/01/2023 Monday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y.	Eco	सार्वजनिक खर्चा परिभाषा	18
02	11:40 to 12:30	F.Y.	F.C.	मानवी हक्कांचा वैश्विक जल्लिवाण	17

Date:- 03/01/2023 Tuesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y.	Eco	सार्वजनिक खर्चा सिद्धांत	16
02	11:40 to 12:30	F.Y.	F.C.	भारतीय राज्यघटनेतील मुलभूत अधिकार	15

Date:- 04/01/2023 Wednesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y.	Eco	सार्वजनिक कर्ज अर्थ, संकल्पना, व्याख्या	13
02	11:40 to 12:30	F.Y.	F.C.	भारतीय नागरिकांचे मुलभूत हक्क	14

Date:- 05/01/2023 Thursday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	T.Y.	Eco	संवादीत व्यापार व त्याचे आर्थिक फायदे	12
02	10:50 to 11:40	S.Y.	COM	भारतात समग्र गुणवत्ता व्यवस्थापनेत येणाऱ्या अडथळी	11
03	11:40 to 12:30	F.Y.	Eco	उत्पादनपेढीचे अनुगुणन	

Date:- 06/01/2023 Friday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
					1
01	10:00 to 10:50	T.Y.	Eco	जकात व जकातेतर निर्बंध	09
02	10:50 to 11:40	S.Y.	COM	समग्र गुणवत्ता व्यवस्थापनासंबंधी आवश्यक धर्क	08
03	11:40 to 12:30	F.Y.	Eco	उत्पादन परिव्यय समानता विश्लेषण	08



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Art, Com & Science College
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DR. SHREE NANASAHEB DHARMADHIKARI
ART'S COMMERCE & SCIENCE COLLEGE GOVE-KOLAD
DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss. Shinde P.J.

Date:- 13/01/2023 Friday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 to 10.50	T.Y	ECO	आयुक्त कोट्याचे विविध परिणाम	11
02	10.50 to 11.40	S.Y	COM	कॅशियन	19
03	11.40 to 12.30	F.Y	ECO	मासाले काल विश्लेषण	17

Date:- 16/01/2023 Monday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 to 10.50	S.Y.	ECO	सांख्यिकीय वर्गवाढीची कारणे	16
02	11.40 to 12.30	F.Y.	F.C	पयावरी हाती	15

Date:- 17/01/2023 Tuesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 to 10.50	S.Y	ECO	सांख्यिकीय वर्गवाढीची परतफेडीची पद्धती	14
02	11.40 to 12.30	F.Y.	F.C	परिचय व परिचयचे प्रकार	13

Date:- 18/01/2023 Wednesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 to 10.50	S.Y	ECO	राजकोषीय धोरण व त्याची उद्दिष्टे	12
02	11.40 to 12.30	F.Y.	F.C	परिचयचे कार्य	11

Date:- 19/01/2023 Thursday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10.00 to 10.50	F.Y	ECO	आंतरराष्ट्रीय आर्थिक समुह	10
02	10.50 to 11.40	S.Y	COM	कुलवर्ग 24	09
03	11.40 to 12.30	F.Y	ECO	पुनः उपचलित उद्योगाच्या अन्वयगत शेतकरी	08



Art's, Com & Science College
Kolad, Tal. Rahar, Dist. Raichur

DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss-shinde P.J.

Date:- Saturday 07/01/2023

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	T.Y.	Eco	जकातीया अर्थ व स्वरुप	18
02	10:50 to 11:40	S.Y.	COM	सिक्कन सिग्म	17
03	11:40 to 12:30	F.Y.	Eco	पुन स्थधा अर्थ व वगिळ्ळे	16

Date:- 09/01/2023 Monday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 11:50	S.Y.	Eco	सार्कजनिक कर्जिचे प्रकार	15
02	11:40 to 12:30	F.Y.	F.C	परिस्थितीकी शास्त्र	14

Date:- 10/01/2023 Tuesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 11:50	S.Y.	Eco	सार्कजनिक कर्जिचे स्रोत	13
02	11:40 to 12:30	F.Y.	F.C	परिस्थितीकी शास्त्राची व्याप्ती	12

Date:- 11/01/2023 Wednesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	S.Y.	Eco	सार्कजनिक कर्जिची भूमिका	11
02	11:40 to 12:30	F.Y.	F.C	परावरणाची संकल्पना	10

Date:- 12/01/2023 Thursday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	T.Y.	Eco	कोटा व कोट्याचे प्रकार	09
02	10:50 to 11:40	S.Y.	COM	आय. पु.स. आ. 9000	08
03	11:40 to 12:30	F.Y.	Eco	पुन स्थर्धलीन किंमत निश्चिती.	09



DR. SHREE NANASAHEB DHARMADHIKARI
ART'S COMMERCE & SCIENCE COLLEGE GOVE-KOLAD
DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss. Shinde P.J.
Date:- 16/02/2023 Thursday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	T.Y	ECO	जागतिक व्यापार संघटना	14
02	10:50 to 11:40	S.Y	COM	पतनिर्धारण संकल्पना व त्याची विशिष्टता	13
03	11:40 to 12:30	F.Y	ECO	अव्यापिकाशचा सिद्धान्त	12

Date:- 17/02/2023 Friday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	T.Y	ECO	गैर कसबासु उद्दिष्टे	11
02	10:50 to 11:40	S.Y	COM	वित्तीय क्षेत्रातील अलिकडील बदल	10
03	11:40 to 12:30	F.Y	ECO	अव्यापिकाशची विशिष्टता	09

Date:- 20/02/2023 Monday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y	ECO	संदर्भपत्रकाली स्थान	08
02	11:40 to 12:30	F.Y	FC	वैयक्तिक विकास आणि मूल्ये	07

Date:- 21/02/2023 Tuesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y	ECO	राजकोषीय घोरणांसाठी आर्थिक तुरुष्कीरील पुरवठा	10
02	11:40 to 12:30	F.Y	F.C	आधुनिक समाजालील तणाव आणि संघर्षाचे नियंत्रण	11

Date:- 22/02/2023 Wednesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y	ECO	राजकोषीय घोरणांसाठी साधने	12
02	11:40 to 12:30	F.Y	F.C	मास्को यांचा आत्मपुर्ततेचा सिद्धान्त	13

TCT'S
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ART'S COMMERCE & SCIENCE COLLEGE GOVE-KOLAD
DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss. Shinde P.J.
Date:- 24/02/2023 Friday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	T.Y	ECO	परकीय विनिमय बाजार	14
02	10:50 to 11:40	S.Y	COM	परस्पर निधि	15
03	11:40 to 12:30	P.Y	F.CO	किंमत ताठरता	16

Date:- 27/02/2023 Monday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y.	ECO	सार्वजनिक कृषि व्यापार	17
02	10:50 to 12:30	P.Y.	F.C	संबंध व संबंध की क्रियाशीलता उपाय	18

Date:- 28/02/2023 Tuesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y.	ECO	सामाजिक सुरक्षा कार्यक्रम	19
02	10:50 to 12:30	P.Y.	F.C	आधुनिक सामाजिक आंदोलन	20

Date:-

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students

Date:-

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students



[Signature]

PRINCIPAL
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Arts, Com & Science College
Kolad, Tal - Roha, Dist - Raichur

DR. SHREE NANASAHEB DHARMADHAR
ART'S COMMERCE & SCIENCE COLLEGE GOVE-KOLAD
DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss. Shinde P. J.

Date:- 04/02/2023 Saturday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:30	T.Y.	E.C	दक्षिण अमेरिकन मुक्त व्यापारी क्षेत्र	11
02	10:50 to 11:20	S.Y.	COM	डेव्हान् खाते	12
03	11:40 to 12:30	F.Y.	E.C	मकतेदार युक्त संधा प्रस्तावना, अर्थ, स्वतंत्र	13

Date:- 06/02/2023 Monday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y.	E.C	शासनतील राजकीय संबंध	14
02	11:40 to 12:30	F.Y.	F.C	तणावाची कारणे	15

Date:- 07/02/2023 Tuesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y.	E.C	भारततील वित्तीय साधनांचे विभाजन	16
02	11:40 to 12:30	F.Y.	F.C	संधा व संधाची कारणे	17

Date:- 08/02/2023 Wednesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y.	E.C	भारततील वित्त आयोग	18
02	11:40 to 12:30	F.Y.	F.C	संधा निमंत्रणाच्या उपाययोजना	19

Date:- 09/02/2023 Thursday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	T.Y.	E.C	व्यवहार शैली अर्थ व संकल्पना	11
02	11:40 to 12:30	S.Y.	COM	अमुलकरणा मुळे मिळणारे फायदे	12
03	11:40 to 12:30	F.Y.	E.C	मकतेदार युक्त संधातील किंमत निर्धार	13



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ART'S COMMERCE & SCIENCE COLLEGE GOVE-KOLAD
DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss. shinde P.J.

Date:- 10/02/2023 Friday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:30	T.Y.	Eco	आंतरराष्ट्रीय व्यापाराच्या तत्वे व दली स्थान	14
02	10:30 to 11:40	S.Y.	COM	SEBI व SEBI ची उद्दीष्टे	15
03	11:40 to 12:30	F.Y.	Eco	विक्री कर	16

Date:- 11/02/2023 Saturday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:50	T.Y.	Eco	आंतरराष्ट्रीय व्यापारातील असमतेला	17
02	10:50 to 11:40	S.Y.	COM	आभा व जाल	12
03	11:40 to 12:30	F.Y.	Eco	विक्री कर व वट	19

Date:- 13/02/2023 Monday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:30	S.Y.	Eco	वित्त आयोगाची कार्ये	20
02	10:30 to 12:30	F.Y.	F.C	सामाजिक कारणांची माध्यमे / संस्था	19
					01

Date:- 14/02/2023 Tuesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:30	S.Y.	B.Eco	दुर्गिच्या अर्थभरणाची भूमिका / कार्ये	18
02	10:30 to 12:30	F.Y.	F.C	वैयक्तिक विकास आणि नैतिकता	17

Date:- 15/02/2023 Wednesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
01	10:00 to 10:30	S.Y.	B.Eco	दुर्गिच्या संकल्पना	16
02	10:30 to 12:30	F.Y.	F.C	नैतिकतेचे महत्त्व	15



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DR. SHREE NANASAHEB DHARMADHIKARI
ART'S COMMERCE & SCIENCE COLLEGE GOVE-KOLAD
DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss. Shinde P. J.

Date:- 01/03/2023 Wednesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	S.Y.	B.EC	भारतीय विप्लव आंदोलन	17
02	11:00 to 12:30	F.Y.	P.C	मुद्रांकन आभार	16

Date:- 02/03/2023 Thursday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:50 to 11:40	O.Y.	COM	उपक्रम आभार करत आंदोलन उभार	15
02	10:50 to 11:40	T.Y.	EC	निर्धन तरतु विनिमय दर	14
03	11:40 to 12:30	P.Y.	EC	केस स्टडी	13

Date:- 03/03/2023 Friday

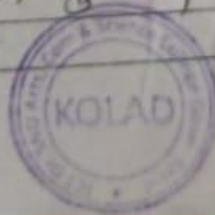
Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:50 to 11:40	T.Y.	B.EC	मिटर व वफाते विनिमय दर	12
02	10:50 to 11:40	S.Y.	COM	आर्थिक आंदोलन वारी मुमि	11
03	11:40 to 12:30	P.Y.	B.EC	मुद्रांकन प्रस्ताव वारी कृमवारी	10

Date:- 04/03/2023 Saturday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:50 to 11:40	T.Y.	EC	परीक्षे विनिमय दर निश्चिती	09
02	10:50 to 11:40	S.Y.	COM	आर्थिक आंदोलन वारी महत्त्व	08
03	11:40 to 12:30	P.Y.	EC	प्रस्ताव वारी पद्धति	09

Date:- 08/03/2023 Wednesday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:50 to 11:40	S.Y.	B.EC	भारतीय विप्लव आंदोलन विभाजन	06
02	11:40 to 12:30	F.Y.	FC	मुद्रांकन वारी मुद्रांकन	05



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DEPARTMENT OF COMMERCE
ACADEMIC YEAR 2022-23
Teaching Dairy

Name of Prof:- Miss. Shinde P.J.

Date:- 09/03/2023 Thursday

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
01	10:00 to 10:50	T.Y	ECO	अर्थदीक्षावली, अमानता सिद्धान्त	10
02	10:50 to 11:40	O.Y	COM	व्यक्त शरणा, शुभिका	11
03	11:40 to 12:30	P.Y	ECO	अंतर्वपुक्त मुल्यांकनार्थ पद्धति	12

Date:- 13/03/2023

Sl. No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
				F.Y., S.Y. A.T.K.T. Exam	
				19/03/2023 to 25/03/2023	

Date:- 27/03/2023

Date:- 27/03/2023					
Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
				27/03/2023 to 18/04/2023	
				SY. B.A, B.COM, B.SC Exam	

Date:- 19/04/2023

Date:- 15/04/2022					
Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No.of. Students
				24/04/2022 to 30/04/2022	
				T.Y.B.COM A.T.K.T. Exam	

Date:- 01/05/2023

Lec No.	TIME	CLASS	SUBJECT	TOPIC COVERED	No. of Students
				The Academic year is over.	

The Academic year is over.

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ART'S COMMERCE & SCIENCE COLLEGE
GOVE-KOLAD

DEPARTMENT OF SCIENCE
ACADEMIC YEAR 2021-22

TEACHING DIARY

NAME OF PROF :- MS. Shelke R.m.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
21/02/22	1)	10:30	S.Y.B.Sc	chem III	Batch and continuous extraction.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
22/02/22	1)	10:30	S.Y.B.Sc	chem III	Numerical.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
23/02/22	1)	9:40	T.Y.B.Sc	Anal.	Unit IV (Rev.)	
	2)	10:30	S.Y.B.Sc	chem 3	Rev.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
24/02/22	1)	9:40	T.Y.B.Sc	Anal.	Unit IV (Rev.)	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
25/02/22	1)	9:40	T.Y.B.Sc	Anal.	Unit IV (Rev.)	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
26/02/22	1)	9:40	T.Y.B.Sc	Anal.	Unit IV (Test)	



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DEPARTMENT OF SCIENCE
ACADEMIC YEAR 2021-22
TEACHING DIARY

NAME OF PROF :- ms. shelke R.m.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
14/2/22	1)	10:30	S.Y.B.Sc	chem III	condition of extraction.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
15/2/22	1)	10:30	S.Y.B.Sc	chem III	single and multi-step extra- ction.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
16/2/22	1)	9:40	T.Y.B.Sc	Anal.	Unit III (Rev.)	
	2)	10:30	S.Y.B.Sc	chem III	percentage extraction for single and multi-step extraction.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
17/2/22	1)	9:40	T.Y.B.Sc	Anal.	Unit III (Rev.)	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
18/2/22	1)	9:40	T.Y.B.Sc	Anal.	Unit III (Test.)	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark



[Signature]

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ACADEMIC YEAR 2021-22

TEACHING DIARY

NAME OF PROF :- ms. shelke R.m.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
24/01/22	1)	10:30	S.Y.B.Sc	chem III	Introduction	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
25/01/22	1)	10:30	S.Y.B.Sc	chem III	Types of separation method	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
26/01/22	1)	9:40	T.Y.B.Sc	Analytical	Analysis of coffee	
	2)	10:30	S.Y.B.Sc	chem III	Electrophoresis	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
27/01/22	1)	9:40	T.Y.B.Sc	Analytical	Intro. and sensory properties	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
28/01/22	1)	9:40	T.Y.B.Sc	Analytical	Face powder Study	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
29/01/22	1)	9:40	T.Y.B.Sc	Analytical	Study of lipstick, deodorant and antiperspirant.	



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ACADEMIC YEAR 2021-22
TEACHING DIARY

NAME OF PROF :- Ms. Shelke R.m.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
7/02/22	1)	10:30	S.Y.B.Sc	chem III	TLC - principle	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
8/02/22	1)	10:30	S.Y.B.Sc	chem III	Technique and application of TLC.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
9/02/22	1)	9:40	T.Y.B.Sc	Anal.	Unit II (Rev.)	
	2)	10:30	S.Y.B.Sc	chem III	Solvent extraction-Intro, Distribution.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
10/02/22	1)	9:40	T.Y.B.Sc	Anal.	Unit II (Rev.)	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
11/02/22	1)	9:40	T.Y.B.Sc	Anal.	Unit II (Rev.)	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
12/02/22	1)	9:40	T.Y.B.Sc	Anal.	Unit II (Rev.)	



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DEPARTMENT OF SCIENCE
ACADEMIC YEAR 2021-22
TEACHING DIARY

NAME OF PROF :- ms. shelke R.m.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
01/02/22	1)	10:30	S.Y.B.Sc	chem III	chromatography - Basic	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
02/02/22	1)	10:30	S.Y.B.Sc	chem III	paper-chromatography - Principle.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
03/04/22	1)	9:40	T.Y.B.Sc	Anal.	Unit I (Rev.)	
	2)	10:30	S.Y.B.Sc	chem III	Technique and application of PC	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
04/02/22	1)	9:40	T.Y.B.Sc	Anal.	Unit I (Rev.)	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
05/02/22	1)	9:40	T.Y.B.Sc	Anal.	Unit I (Test)	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark



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DEPARTMENT OF SCIENCE
ACADEMIC YEAR 2021 - 22
TEACHING DIARY

NAME OF PROF :- MS. Shelke R.M.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
20/12/22	1)	10:30	S.Y.B.Sc	chem III	Graphical representation of data by method of average	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
21/12/22	1)	10:30	S.Y.B.Sc	chem III	Method of least square	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
22/12/22	1)	9:40	T.Y.B.Sc	Analytical	Principle and Instrumentation of IT.	
	2)	10:30	S.Y.B.Sc	chem III	Numericals	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
23/12/22	1)	9:40	T.Y.B.Sc	Analytical	Introduction and need of validation of a method.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
24/12/22	1)	9:40	T.Y.B.Sc	Analytical	Validation parameter.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
1/01/23	1)	9:40	T.Y.B.Sc	Analytical	Intro and principle and terms involved in GC.	

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ACADEMIC YEAR 2021-22
TEACHING DIARY

NAME OF PROF :- MS. Shelke R.M.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
17/01/22	1)	10:30	S.Y.B.Sc	chem III	conductometry - principle, cond. cell it's construction.	

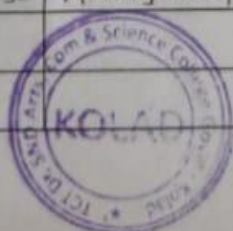
DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
18/01/22	1)	10:30	S.Y.B.Sc	chem III	Types of conductometric Titration.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
19/01/22	1)	9:40	T.Y.B.Sc	Analytical	physical method	
	2)	10:30	S.Y.B.Sc	chem III	App ⁿ , Advantage and limitation	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
20/01/22	1)	9:40	T.Y.B.Sc	Analytical	Det. of boric acid	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
21/01/22	1)	9:40	T.Y.B.Sc	Analytical	study of Analysis of milk	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
22/01/22	1)	9:40	T.Y.B.Sc	Analytical	Analysis of Honey.	



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DEPARTMENT OF SCIENCE
ACADEMIC YEAR 2021-22

TEACHING DIARY

NAME OF PROF :- Ms. Shelke R. M.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
10/01/22	1)	10:30	S.Y.B.Sc	chem III	Application in Neutralisation Reaction.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
11/01/22	1)	10:30	S.Y.B.Sc	chem III	pH-metry - principle, types	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
12/01/22	1)	9:40	T.Y.B.Sc	Analytical	principle and types, properties of resin.	
	2)	10:30	S.Y.B.Sc	chem III	Application in biological and environmental analysis	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
13/01/22	1)	9:40	T.Y.B.Sc	Analytical	Factors affecting separation of ion.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
14/01/22	1)	9:40	T.Y.B.Sc	Analytical	Application of IEC.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
15/01/22	1)	9:40	T.Y.B.Sc	Analytical	Intro, need of food processing and preservation.	



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DEPARTMENT OF SCIENCE
ACADEMIC YEAR 2021-22

TEACHING DIARY

NAME OF PROF :- ms. Shelke R.M.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
6/12/21	1	10:30	S.Y.B.Sc	chem III	C.L. and C.T. by giving students t. Range, population standard deviation.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
7/12/21	1	10:30	S.Y.B.Sc	chem III	Numericals	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
8/12/21	1	9:40	T.Y.B.Sc	Analytical	Application, Advantages and Limitation.	
	2	10:30	S.Y.B.Sc	chem III	criteria for rejection of doubtful result - 2.Sd rule, 4.Sd rule, Q-test	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
9/12/21	1	9:40	T.Y.B.Sc	Analytical	Numericals	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
10/12/21	1	9:40	T.Y.B.Sc	Analytical	principle of amperometric titration.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
11/12/21	1	9:40	T.Y.B.Sc	Analytical	Advantages and limitation	



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ACADEMIC YEAR 2021 - 22
TEACHING DIARY

NAME OF PROF :- ms. shelke R.m.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
13/12/21	1)	10:30	S.Y.B.Sc	chem III	Numericals	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
14/12/21	1)	10:30	S.Y.B.Sc	chem III	NW1 hypothesis and E-test	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
15/12/21	1)	9:40	T.Y.B.Sc	Analytical	principle and Instrumental	
					-tion of TGA	
	2)	10:30	S.Y.B.Sc	chem III	Numericals.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
16/12/21	1)	9:40	T.Y.B.Sc	Analytical	Application of TGA	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
17/12/21	1)	9:40	T.Y.B.Sc	Analytical	Principle, Instrumentation	
					of DTA	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
18/12/21	1)	9:40	T.Y.B.Sc	Analytical	Application of DTA and comparison	



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DEPARTMENT OF SCIENCE
ACADEMIC YEAR 2021-22
TEACHING DIARY

NAME OF PROF :- Ms. Shelke R.M.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
20/8/21	1)	10:30	S.Y.B.Sc	chem III	Instrumentation- Single beam colorimeter.	
	2)	9:40	T.Y.B.Sc	Analytical	Revision.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
30/08/21	1)	10:30	S.Y.B.Sc	chem III	Instr. double beam colorimeter.	
					colorimeter (Detectors).	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
01/09/21	1)	9:40	T.Y.B.Sc	Analytical	Unit I Revision	
	2)	10:30	S.Y.B.Sc	chem III	Single beam spectrophotometer	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
02/09/21	1)	9:40	T.Y.B.Sc	Analytical	Unit II Revision.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
03/09/21	1)	9:40	T.Y.B.Sc	Analytical	Unit III Revision	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
04/09/21	1)	9:40	T.Y.B.Sc	Analytical	Unit IV Revision.	



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DEPARTMENT OF SCIENCE
ACADEMIC YEAR 2021 - 22
TEACHING DIARY

NAME OF PROF :- MS. Shelke R. M.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
29/11/21	1	10:30	S.Y.B.Sc	chem III	Nature of Indeterminate error, measurement of C.T.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
30/11/21	1	10:30	S.Y.B.Sc	chem III	measure of dispersion	
					Endance	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
1/12/21	1	9:40	T.Y.B.Sc	Analytical	Basic principle of polaro-graphy	
	2	10:30	S.Y.B.Sc	chem III	Gaussian curve, eq ⁿ , feature	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
2/12/21	1	9:40	T.Y.B.Sc	Analytical	Terms involved	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
3/12/21	1	9:40	T.Y.B.Sc	Analytical	Role and Selection of suppo-rting electrolyte.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
4/12/21	1	9:40	T.Y.B.Sc	Analytical	quantitative and qualitative aspect of polarography.	



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DEPARTMENT OF SCIENCE
ACADEMIC YEAR 2021-22
TEACHING DIARY

NAME OF PROF :- Ms. Shelke R. M.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
9/08/21	1)	10:30	S.Y.B.Sc	chem III	washing, drying, Equilibrium of ppt.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
10/8/21	1)	10:30	S.Y.B.Sc	chem III	Det. of sulphur. Det. of Aluminium by converting oxide	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
11/8/21	1)	9:40	T.Y.B.Sc	Analytical	Sampling of liquid	
	2)	10:30	S.Y.B.Sc	chem III	Estimation of Ni in Cu-Ni alloy using DMG	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
12/8/21	1)	9:40	T.Y.B.Sc	Analytical	Sampling of gaseous.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
13/08/21	1)	9:40	T.Y.B.Sc	Analytical	Sampling of solid	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
14/08/21	1)	9:40	T.Y.B.Sc	Analytical	methods and equipments of Sampling of solid.	



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ACADEMIC YEAR 2021-22

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NAME OF PROF :- ms. shelke R.m.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
17/8/21	1)	10:30	S.Y.B.Sc	chem III	Basic concept and block diagram of analytical Inst.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
18/8/21	1)	10:30	S.Y.B.Sc	chem III	Types of Analytical Instru-ment.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
20/8/21	1)	9:40	T.Y.B.Sc	Analytical	collection, preservation and dissolution of sample.	
	2)	10:30	S.Y.B.Sc	chem III	spectroscopy-Intro, Basic terms	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
21/8/21	1)	12:30	S.Y.B.Sc	chem III	Beer, Lambert's law & Numerical.	
	2)	9:40	T.Y.B.Sc	Analytical	Test.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
22/8/21	1)	9:40	T.Y.B.Sc	Analytical	Topic Discussion.	
	2)	12:30	S.Y.B.Sc	Chem III	Numericals.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
24/8/21	1)	10:30	S.Y.B.Sc	chem III	Single beam & Double Beam colorimeter principle	



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ACADEMIC YEAR 2021-22
TEACHING DIARY

NAME OF PROF :- Miss. Shelke R.M.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
02/08/21	1)	10:30	S.Y.B.Sc	chem III	Def ⁿ and types of gravimetric method	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
03/08/21	1)	10:30	S.Y.B.Sc	chem III	Step involved and condition for ppt.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
04/08/21	1)	9:40	T.Y.B.Sc	Analytical	Quality materials.	
	2)	10:30	S.Y.B.Sc	chem III	Completion of ppt, Imp. of digestion	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
05/08/21	1)	9:40	T.Y.B.Sc	Analytical	Interconversion of various unit.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
06/08/21	1)	9:40	T.Y.B.Sc	Analytical	% composition of element	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
07/08/21	1)	9:40	T.Y.B.Sc	Analytical	purpose, significance and difficulties in sampling	



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ACADEMIC YEAR 2021 - 22

TEACHING DIARY

NAME OF PROF :-

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
19/7/21	1	10:30	S.Y.	Chem3	Calculation in terms of Normality, Molarity.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
20/7/21	1	10:30	S.Y.	Chem3	End point & eq. pt of Titration. Det. end pt by potential, conductance.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
22/7/21	1	9:40	T.Y.	Anal. Chem.	Principle & instrument of HPLC & App.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
23/7/21	1	9:40	T.Y.	Anal. Chem.	Detectors of HPLC.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
24/7/21	1	9:40	T.Y.	Anal. Chem.	Principle & Detectors of HPTLC.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
	1					



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ACADEMIC YEAR 2021-22

TEACHING DIARY

NAME OF PROF :- Ms. Shelke R.m.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
26/7/21	1)	10:30	S.Y.B.Sc	chem III	construction of (i) strong acid Vs strong base	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
27/7/21	1)	10:30	S.Y.B.Sc	chem III	strong acid Vs weak base	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
28/7/21	1)	9:40	T.Y.B.Sc	Analytical	Adv, Disadv and app ⁿ of HPTLC.	
	2)	10:30	S.Y.B.Sc	chem III	weak acid Vs strong base	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
29/7/21	1)	9:40	T.Y.B.Sc	Analytical	concept of quality, quality control and assurance.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
30/7/21	1)	9:40	T.Y.B.Sc	Analytical	Importance of quality concept.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
31/7/21	1)	9:40	T.Y.B.Sc	Analytical	Std. and Reference material imp. in chemical analysis.	



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NAME OF PROF :- ms. shelke R. m.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
28/07/21	1)	10:30	S.Y.B.Sc	chem III	Precision and Accuracy in Analysis.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
29/07/21	1)	10:30	S.Y.B.Sc	chem III	Sampling and terms involved.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
30/07/21	1)	09:40	T.Y.B.Sc	Analytical	Flame photometry - principle and Instrumentation.	
	2)	10:30	S.Y.B.Sc	chem III	Types of sampling	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
01/07/21	1)	9:40	T.Y.B.Sc	Analytical	APP. of FES and principles of AAS.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
02/7/21	1)	9:40	T.Y.B.Sc	Analytical	Instrumentation of AAS and appn.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
03/7/21	1)	9:40	T.Y.B.Sc	Analytical	principle of Fluorimetry and phosphorimetry.	



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NAME OF PROF :- ms. shelke R.m.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
12/7/21	1)	10:30	S.Y.B.Sc	chem III	Basic principle of	
					titrimetric analysis.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
13/7/21	1)	10:30	S.Y.B.Sc	chem III	Types of Titrimetry	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
14/7/21	1)	9:40	T.Y.B.Sc	Analytical	Intro. factors affecting	
					extraction.	
	2)	10:30	S.Y.B.Sc	chem III	calibration of glasswares	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
15/7/21	1)	9:40	T.Y.B.Sc	Analytical	craig's counter current	
					extraction.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
16/7/21	1)	9:40	T.Y.B.Sc	Analytical	solid phase extraction	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
17/7/21	1)	9:40	S.Y.B.Sc	Analytical	comparision bet ⁿ solid phase	
					and solvent extradim.	



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NAME OF PROF :- Ms. Shelke R.m.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
5/7/21	1)	10:30	S.Y.B.Sc	chem III	sampling of solid	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
6/7/21	1)	10:30	S.Y.B.Sc	chem III	Sampling of liquid	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
7/7/21	1)	9:40	T.Y.B.Sc	Analytical	Instr. of Fluorimetry and app ⁿ .	
	2)	10:30	S.Y.B.Sc	chem III	Sampling of gas	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
8/7/21	1)	9:40	T.Y.B.Sc	Analytical	Instr. of Phosphorimetry and app ⁿ .	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
9/7/21	1)	9:40	T.Y.B.Sc	Analytical	principle and Instrumentation of Turbidimetry.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
10/7/21	1)	9:40	T.Y.B.Sc	Analytical	Instrumentation of Nephelometry and app ⁿ .	



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NAME OF PROF :- Ms. Shelke R. M.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
21/06/21	1)	10:30	S.Y.B.Sc	chem III	Non-classical method	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
22/06/21	1)	10:30	S.Y.B.Sc	chem III	Error and types of error	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
23/06/21	1)	09:40	T.Y.B.Sc	Analytical	complexometric titration - Intro.	
	2)	10:30	S.Y.B.Sc	chem III	Determinate error and minimization of error.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
24/06/21	1)	09:40	T.Y.B.Sc	Analytical	Absolute and conditional formation constant.	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
25/06/21	1)	09:40	T.Y.B.Sc	Analytical	Selectivity of EDTA	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
26/06/21	1)	09:40	T.Y.B.Sc	Analytical	metallochromic indicator with eg.	



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NAME OF PROF :- Ms. Shelke R.M.

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
14/06/21	1)	09:40	S.Y.B.Sc	chem III	Imp. terms and sig nificance of Analytical chem	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
15/06/21	1)	10:30	S.Y.B.Sc	chem III	purpose of chemical Analysis	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
16/06/21	1)	09:40	S.Y.B.Sc	chem III	classical method	
	2)	10:30	T.Y.B.Sc	Analytical	Introduction and cons of titrat ⁿ Fe ²⁺ vs ce ⁴⁺	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
17/06/21	1)	09:40	T.Y.B.Sc	Analytical	Fe ²⁺ vs ce ⁴⁺ (At and after eq ⁿ pt.)	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
18/06/21	1)	09:40	T.Y.B.Sc	Analytical	Fe ²⁺ vs kmno ₄	

DATE	Lec.No	TIME	CLASS	SUBJECT	TOPIC COVERED	Remark
19/06/21	1)	09:40	T.Y.B.Sc	Analytical	Redox indicator and e.g. briefly.	



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