1.2.2 Number of Add on / Certificate programs offered during the session 2022-2023

- 1. <u>Certificate Course in Vermiculture</u>
- 2. Certificate Course in Mushroom Culture
- 3. <u>Certificate Course in Biodiveristy</u> <u>Conservation and Management</u>
- 4. <u>Certificate Course in Waste Management</u>

1.2.2 Number of Add on / Certificate programs offered during the session 2022-2023

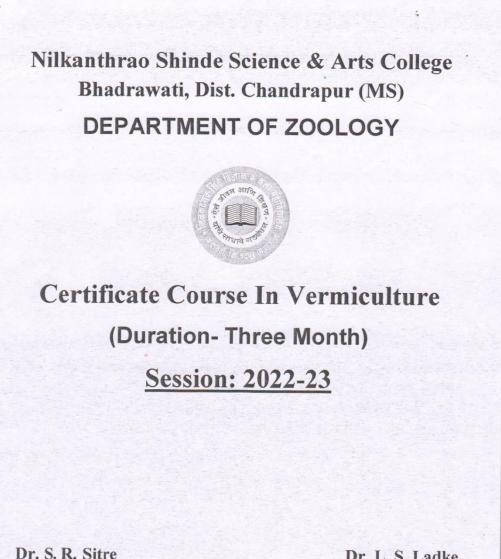
- 1. Certificate Course in Vermiculture
- 2. Certificate Course in Mushroom Culture
- 3. <u>Certificate Course in Biodiversity</u> <u>Conservation and Management</u>
- 4. Certificate Course in Waste management

1.2.2 Number of Add on /Certificate programs offered during the session 2022-23 (10)

Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
programs oriered		0				12
1. Vermiculture	Nil	2022-2023	1	03 Months	12	
						21
2. Mashroom culture	Nil	2022-2023	1	03 Months	21	
3. Biodiversity	1.					
Conservation and Management	Nil	2022-2023	1	03 Months	25	25
Thund Bernenit						10
4. Waste Management	Nil	2022-2023	1	03 Months	10	

adke Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

1. <u>Certificate Course in Vermiculture Broucher,</u> <u>Syllabus, Admitted Students and Program</u>



Dr. S. R. Sitre Co- Ordinator Department of Zoology Dr. L. S. Ladke Principal

adke Dr. L.S. Ladke

PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

NILKANTHRAO SHINDE SCIENCE AND ARTS COLLEGE, BHADRAWATI

DIST. CHANDRAPUR - 442902

CERTIFICATE COURSE IN VERMICULTURE

SYLLABUS

The Syllabus of this Certificate Course is based on theory and Practical Periods. The Written examination based on this course will consist of theory paper of 100 marks.

Unit – I

- Vermiculture and Vermicomposting
- Earthworm Species for Vermicompost Production
- Identification of Earthworms
- Worm related Opportunities for Farmers- Potential Income Diversification- Sale of Vermicompost, Sale of Worms.

Unit -II

- Essential Things for Vermicompost Production
- Common Bedding Materials
- Common Worm Feed Stocks
- Moisture and Aeration in Vermicompost Production
- Vermicompost Pit Construction

Unit – III

- Other Important Parameters for Vermicompost Production and Vermiculture- PH, Salt Content, Urine Content.
- Methods of Harvesting Worms Manual methods, Self Harvesting Methods
- The Value of Vermicompost –Ability to stimulate plant growth, Level of Beneficial Microorganisms, Level of Plant available nutrients, Ability to repel pests.

Unit - IV

- Calculating Rates of Reproduction
- Pests and Diseases of worms Moles, Birds, Centipedes, Ants, Mites, Protein Poisoning of worms

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- Vermicompost Systems- Windrows, Top Feed Windrows, Beds or Bins, Flow Through Reactors.
- Vermicomposting and Water Quality Issues
- Climate Change Factors
- Nutrient Profile of Vermicompost.

Reference Books/ Manual :

Manual on Farm Vermicomposting and Vermiculture - Glenn Munroe, Organic Agriculture Centre of Canada.

Myers, Ruth (1969). The ABC's of Earthworm Business, Shields Publications, Winsconsin, USA, 64 pp.

Date: |5/6/202|

Difre 15/6/2021

Dr.Shashikant R.Sitre DR. SHASHIKANT SITRE Assistant Professor Department of Zoology, N. S. Science & Arts College Bhadrawati Dist. Chandrabur

Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

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Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

NILKANTHRAO SHINDE SCIENCE AND ARTS COLLEGE, BHADRAWATI DISTRICT CHANDRAPUR

CERTIFICATE COURSE IN VERMICULTURE (3 Months)

ADMITTED STUDENTS

ACADEMIC SESSION : 2022-2023

Sr.No.	Name of Student	Category
1.	Ms.Rutuja V.Kedar	ST
2.	Ms.Vidya D.Kamble	SC
3.	Ms.Ankita S.Barapatre	SBC
4.	Ms.Pooja A.Nibrad	OBC
5. N	Ms.Priti B.Pote	OBC
6.	Ms.Dipti D.Mathankar	OBC
7.	Ms.Renuka P.Badkhal	OBC
8.	Ms.Minal G.Thengare	SC
9.	Ms.Samiksha B.Dongare	OBC
10. 1	Ms.Pallavi A.Kale	OBC
1.	Ms.Thamabai S.Pawade	OBC
2.	Ms.Jaya S.Warhate	OBC
13	Ms.Rekha S.Giri	NT-C
4	Ms.Minakshi B.Chide	NT-C
5.	Ms.Suvasini Kurekar	OBC

Date: 5/10/2022 Place: Bhadrawati

5/10/2022

Dr.Shashikant Ramrao Sitre

Co-Ordinator

Certificate Course in Vermiculture

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NILKANTHRAO SHINDE SCIENCE AND ARTS COLLEGE, BHADRAWATI DISTRICT - CHANDRAPUR

CERTIFICATE COURSE IN VERMICULTURE EXAMINATION (3 Months)

ACADEMIC SESSION : 2022-2023

QUESTION PAPER

Time: 3 Hours)

(Max.Marks: 100

	Note: 1. All questions are compulsory.	
	2. All questions carry equal marks.	
	3. Draw well labelled diagrams wherever necessary.	
Q.1	Write an Essay on Earthworm species used in Vermiculture.	10
Q.2	Elaborate on the common bedding materials used for Vermiculture.	10
Q.3	Elaborate on Common Worm Feed stocks	10
Q.4	Discuss about important parameters for vermiculture.	10
Q.5	Elaborate on Pests and Diseases of Compost Worms.	10
Q.6	Write a note on Static Pile Windrows.	10
Q.7	Write an account on Beds or Bins used in Vermiculture.	10
Q.8	Write a note on Flow Through reactors	10
Q.9	Elaborate on Self harvesting Method of Vermicomposting	10
Q.10.	Write an account on Value of the Vermicompost.	10

Dr. Shashikant Sitre - co-ordinator-

aN KR Dr. L.S. Ladke PRINCIPAL

N.S. Science & Arts College Bhadrawati, Dist-Chandrapuf

NILKANTHRAO SHINDE SCIENCE AND ARTS COLLEGE, BHADRAWATI DISTRICT CHANDRAPUR

CERTIFICATE COURSE IN VERMICULTURE (3 Months)

RESULT OF WRITTEN EXAMINATION

ACADEMIC SESSION :2022-2023

Sr.No.	Name of Student	Marks Obtained Out of 100
1.	Ms.RutujaV.Kedar	70
2.	Ms.VidyaD.Kamble	90
3.	Ms.AnkitaS.Barapatre	80
4.	Ms.PoojaA.Nibrad	90
5.	Ms.PritiB.Pote	85
6.	Ms.DiptiD.Mathankar	91
7.	Ms.RenukaP.Badkhal	89
8.	Ms.MinalG.Thengare	90
9.	Ms.SamikshaB.Dongare	79
10.	Ms.PallaviA.Kale	82
11.	Ms.ThamabaiS.Pawade	81
12.	Ms.JayaS.Warhate	80
13.	Ms.RekhaS.Giri	79
14.	Ms.MinakshiB.Chide	78
15.	Ms.SuvasiniKurekar	76

Q171-10/3/2023

Date: |0-03-2023 Place:Co-Ordinator

Dr.ShashikantRamraoSitre

Certificate Course in Vermiculture

gdke Pr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

Bhadrawati Shikshan Sanstha, Bhadrawati's MINANTRAO SHINDE SCIENCE & ARTS COLLEGE Bhadrawati, District Chandragur - 44202 Accredited "B" grade by NAAC Bangalore (3rd Cycle) (CGPA : 2.58) Permanently Affiliated to Gondwana University, Gadchiroli
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2. Certificate Course in Mushroom Culture

Broucher, Syllabus, Admitted Students and Program

NILKANTHRAO SHINDE SCIENCE AND ARTS COLLEGE, BHADRAWATI DIST. CHANDRAPUR

CERTIFICATE COURSE IN MUSHROOM CULTURE TECHNOLOGY

SYLLABUS

Certificate course will be of 100 marks, each unit contains 25 marks weightage. Certificate course contains four units which is given below

Unit-I

General characteristics of mushrooms, life history, Reproduction, spore dissemination, Growth, size, colors, color changes and surface textures, odors, taste, exudations, Bio-luminescence

Unit-II

Growing mushrooms, time for growing mushrooms, manure, composting, mushroom house and preparation of the beds, spawning, casing, watering, picking & packing.

Unit-III

Sterilization, methods of sterilization, Autoclave, Refrigerator, Raw material, economic importance of fungi, edible species, poisonous species,

Unit-IV

Economic importance of fungi, edible species, poisonous species, common edible mushrooms, kinds safe for the beginner, Recipes for cooking mushrooms.

Books Recommended for the study

1) A guide to the mushrooms by Loui's C.C Krieger published by Asiatic Publisheing House, Delhi(India) ISBN : 81-87067-13-6, Edition: 2007

2) The gtreat encyclopedia of mushrooms by Konemann Verlagsge selschaft MBH Bonner str. 126, D-50968 colonge ISBN: 3-8290-17286 10987654321, Edition, 1999

3) Botany for Degree students-fungi by B.R. Vashishta and A.K. Sinha. published by S. Chand publication, New Delhi(India) ISBN: 81-219-2826-5, Edition (Reprint) 2008

4) The fungi by P.D. Sharma published by Rastogi publications, Meerut (India), 2nd Edition

adke Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts Colle adrawati, Dist-Chandrapur 38. P. Jac

PRINCIPAL PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

Nilkentheas Shinde Science and Asts college, Bhadrawate, Dist-chardrapuz. CERTIFICATE COURSE IN MUSHROOM CULTURE JECHNOLOG Academic Year - 2022-2023 DISTRIBUTION OF CERTIFICATES 17 Ms. Isha Vitthal Bodhale - I. Bodhove 27 Mr. Dolly Pasambass Singh - Othing 3) Ms Gudiya Pasambans Singh - Gpsinh. 47 Mr. Braywal Ganesh Rendoz 5) Ms. Achal Rayre Kanble - permin 6> Ms. Aryra Prashant chide Arga, >> Mr. Pallari Balksushna Piduekae Pallin 87 Mr. Sarsiksha Mazeté Basashabkaz Phendisha 3) Mr. Pratiksha Marote Awale - PAule 10> Mr. Pallavi Nareshhao Halalle-p.N. Harry golke (J. Proveen kiewar N. Nas asalo Dr. L.S. Ladke Course-co-ordinates & Aris College S., Ladkehandrapur Mushroom Culture Technolog PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

Nilkanthroo shinde Science and Aste college, Bhadramati, Dist-chandrapus,

CERTIFICATE COURSE IN MUSHROOM CULINURE PECHNOLOGY

Academonic Year. 2022-2023

RESULT SHEET

Max. Marks-100

Sz. No.	Nome of student	Mærks Obtæined.	Result
1.	Mr. Isha Vitthal Bodhale	83	PASS
2.	Ms. Dolly Pasamhans Singh	79	PASS
3.	Ms. Gudiya Resembans singh	81	PASS
	Mr. Barwal Ganesh Pendoz	78	PASS
	Ms. Achal Raju Kanble.	82	PASS
	Mr. Arya Prashant Chide	83	PASS
	Ms. Pallari Balkeishna Piduekas	- 79	PASS
8.	Ms. Sanjiksha Maroti Basashankar	- 77	PASS
9.	Ms. Partiksha Morati Awak	75	PASS
	Mr. Pallan Nareshsao Harane	80	PASS

(MRPNNALSAR) 03/03/2023 Course - co-gdeudtor Mushroom culture Technolog / N.S. Sciencels Arts College Mushroom culture Technolog / Bhadrawati, Dist Chandrapur

Nilkenthree shindle sueuce and Asts cosleg, Bhadrawati, Dist-chaudsapns.

In the academic year, 2022-2023 Certificate course in Muchroom culture rechnology was conducted for the BAC-IZ studente. The course was started in December-2022 and ended in March-2023. Notal 10 (Ten) studente were participated in the certificate course in Muchroom culture rechnology. The studente of this course learned about the techniques of Muchroom culture at laboratory level. They will be definitely benefited in future. Place-Bhadrawate Date - 05/03/2023

(D2. Pravenkunar N. Nasake) Course-co-ordinator Mushsoom Culture Dechnology

gdke P3 5

Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College EMadrawati, Dist-Chandrapu

gok2 Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

Jitkanthraid Shinde Science and Arts cellege Bhadrowa ERTIFICATE COURSE IN MUSHROOM CULTURE [1] PECHNOLOGY Academic year 2022-2023 QUESTION PAPER Time - shoe Max Marks -100 Note: - All questions are compulsory. 1> Dhe edible fleshy or gilled fungiare alled as a) Muchaeonos b> poisonous fungi c) Tood stools d) None of the above 2> The beds for cultivation of muchsoom contain substrations of consport rich is _____ consported. apriliteogenous by Ammonium sulphate converting d) No of the above 5) The basideospores produced is agaricus are. a) Haploid b) Heterotrops d) None of the above biologia (2) 4> Europeter are classified into categories. b) 4 c>3 a) 11 5) Dhe order agericales includes N.S. Selence & Arts College 4,000 species placed under above Bhadrawati, Dist-Grandy abbut. a) 2.00 b>197 c) 187 d7246

2 6> The musheorem contains - percent protein and amino acid. 0)4-7 percent b)3-6 percent 0) 5-7 percept d) 7-8 percept 77 _____ is suprophytes and grows is the open field grace lands and is soil is cellulose and lignin materials a) Agaricus b) Palypo rous c) Cystopus d> Mone of the above 87 the mushroom research laboratory - is Hirsachal is located at ____ Pradesh. a) Solar, by Kullu c) Dhazmshala d' Manale 37 At solver, the Mushroom are cultivated in chapped _____and consposed. to a Paddy straw & Barley straw Wheat Straw d'Mone of the above 10) At solah, technique developed for saising -- Klysheams. a) white button and oyster much 200m b) Buttock Musherons ">Toad stopps dy None of the above Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

3 The optimient terroperature required during the mushears sparsh grouth is -3 a7 35-37°C b) 25-28°C 0742-47°C d) 30-35°C 12> The beanded peoduct desired from Agazica bispoka for food purpose is hansed as of Zuccato b) Myccato > c> Philcato d) Deccato 13) The nutritional value of oystees (dhingsi) is reported to be _____ then but ton much rooms. a) Less 6) More d) Meneral the above 3) Equal 147 sterilization is a process in which all the micro-organism killed at a) 100° e 535°C 090°C d) None of the above 57 Souse mysteroon have the habit of growing is circles is called as astaining singe b>Puffrings c) Darity renge d) None of the above 16) The preservation of Mushroom Colling accorrophished + either by drawin, N.S. Science & Arts College placing them in alcohol a) Formaldehade DSAcetaldehyde

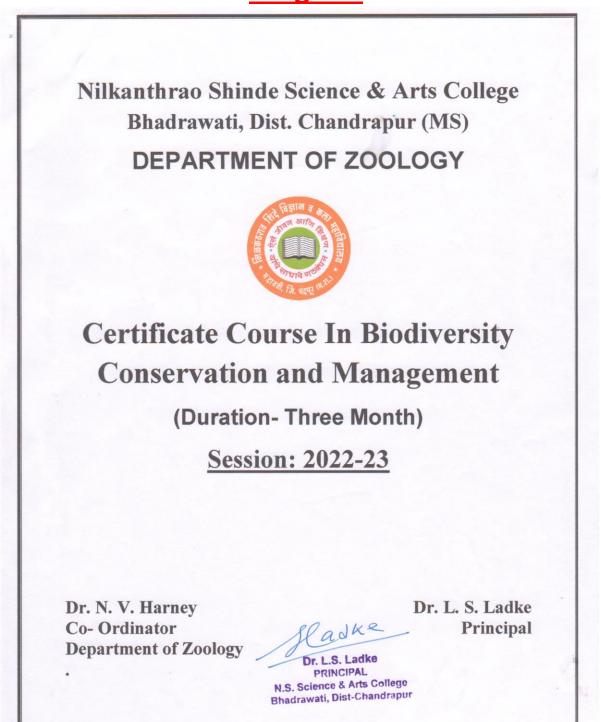
4 17> A single species of meadow Mushsoom Psallieta compestris produces. spopes. a) 16, 000, 000, 000 b) 14, 000, 000, 000 c> 13,000,000,000 d) 12,000,000,000 18> Amanita caesaria is a ____ Mushroor 3) Orange colored b) yellow colored c) Black colored d) green colored 13> ____ has the horrible ador a) Hygro phorus mephipucase b) Russula recompellind c) Amanita Vizasa d>Mycenae alcalina 207 Psalliota subrufesuss is a a) Bitter b) Sour c) Purspuned d) Sweet 21> Broiked Mushroom are prepared by the ____ Muchsoom species. a) Lepida procesa b) Malasimus Dr. L.S. Ladke N.S. Science & Arts College Bhadrawati, Dist-Chandrapur as Dolumadi. A . J.

è

- Myshearan is used for preparing 227 Myshroom salad with French dressing. a) Pelyporne sulphneens b>Maraemins the above c) Leastagius d Move is used for Mushroom 23) preservation a) Refrigerator b) Tin box. d) Nove of the above c) Frijer > Spanen of the Mushroom is obtained by the tissue culture method developed b) charlie as Duggar c) Alexopoulous d) Mendel 25) Palmer is 1885, published a coloured figure of ______ an edible species. a) Boltas ______ b) Volvaria c) Inocybe vifid d) Panus stypticus Dr. L.S. Ladke PRINCIPAL ARDANALA Bhadrawati, Dist Chandraph (D. Proweenkiemar N. Nasol

************************************	CERTIFICATE	This is to certify that Mr./Ku. Isha Witthal Bodhdle B.Sc.Sern-T has successfully completed certificate course in Mushroom Culture Technology in the academic Session 2022-2023	ARDNING 2020 And 2010 And 3010 And 3010 Course Co-ordinator Dr. N.S. Wadhave) Dr. L.S. Ladke) Dr. L.S. Ladke) Course Co-ordinator Dr. N.S. Wadhave) Dr. N.S. Science & Arts College N.S. Science & Arts College
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3. Certificate Course in Biodiversity Conservation and Management Broacher, Syllabus, Admitted Students and Program



सुचना

महाविद्यालयातील बी.एससी. भाग एक सेमिस्टर दोन च्या सर्टिफिकेट कोर्स इन बायोडायव्हर्सिटी कंजर्वेशन अँड मॅनेजमेंट (Certificate Course in Biodiversity Conservation and Management) मध्ये भाग घेतलेल्या विद्यार्थ्यांना सुचित करण्यात येते की वरील कोर्सची परीक्षा दिनांक 26 एप्रिल 2023 ला सकाळी ठीक अकरा वाजता खोली क्रमांक 45 मध्ये होणार असून सर्वांनी उपस्थित राहावे.

दिनांक - 12 एप्रिल 2023 भद्रावती

Alle Sul 23

N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

Nilkanthrao Shinde Science and Arts College, Bhadrawati

Session 2022-23

Certificate Course in Biodiversity Conservation and Management

Attendance Sheet

Sr.	. No.	Name of student	Signature
	1.	Ragini Nikhade	Raght
	2.	Akansha Nikhade	Allikheide
-	3.	Sanskruti Hamdapure	Handatue
	4.	Yash Giri	Your
	5	Mansi Doye	Hansi-
	6. '	Tanvi Salve	. Arcaba
	7. 1	Priyanshu Aglawe	Ralatz
	8.	Vansh Raut	Vans
	9.	Prajwal Pawar	Unwel
	10.	Khushi Wavarkar	Khushi
1	11.	Pranay Aagbattanwar	Therrow
	12.	Mahesh Yergude	mister
	13.	Sahil Tonge	Ande
	14.	Samruddhi Meshram	Sehran
	15.	Anamika Chaudhary	Anamika
÷.,	16.	Trupti Bagade	ABagl
	17.	Achal Raut	REU
	18.	Snehal Balki	hellin
	19.	Vaishnavi Kundojwar	Ausa
1	20.	Asmita Donge	Asmita
1	21.	Maheshwari Kale	Ku.m. S. kall
1	22.	Vishvarupa Karlekar	Ku.V.V.Karlekas
2	23.	Sanjana Balki SP ank 2	Soyin Bellki
2	24.	Hemangi H. Shete Dr. L.S. Ladke	tille
2	25.	Abhijeet A. Sen N.S. Science & Arts College	D.

Nilkanthrao Shinde Science and Arts College, Bhadrawati Session 2022-23

Certificate Course in Biodiversity Conservation and Management Date – 26-04-2023 Time – 2 hours Max. Marks – 40 Marks

Practical Question Paper

Q 1) Identification of economically important animals10Marks

Q 2) Identification of economically important plants10Marks

Q 3) Threatened and endangered animals and plants of India.....10 Marks

Q4) Submission of Field Visit Report10 Marks

ADKR Dr. L.S. Ladke PRINCIPAL

PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur Nilkanthrao Shinde Science and Arts College, Bhadrawati Session 2022-23

Certificate Course in Biodiversity Conservation and Management Date – 26-04-2023 Time – 2 hours Max. Marks – 60 Marks

Theory Question Paper

Note - 1) All questions are compulsory

2) All question carry equal marks

Q 1) Describe types, importance and conservation needs of biodiversity......12 Marks

Q 2) Describe threatened and endangered animals and plants of India......12 Marks

Q 3) Describe National Parks and Biosphere Reserve...... 12 Marks

Q 5) Write an essay on Biodiversity Conservation and Management......12 Marks

NKC Dr. L.S. Ladke

PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

Braditawati Shadrawati	
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Reg. Mah/379/2006(Chd.)

Founder President Mr. Bandu S. Dhotr National Youth Awardee

Main Office : 'Parikshram', 2nd floor, Bawis Chowk, Pathanpura Road, Chandrapur-442 402 Mob. : 9370320746, Website : www.ecopro.org.in, E-mail : ecoprochd@gmail.com

Ref.No.: (500-pRS) MOU 2022 02

Date: 27 9 2022

Memorandum of Understanding(MoU)

For Academic and Social Co-operation

Between

NilkanthraoShinde Science and Arts College, Bhadrawati, Dist. Chandrapur

And

Eco-Pro, Chandrapur

NilkanthraoShinde Science and Arts College, Bhadrawati, Dist. Chandrapur and Eco-Pro,

Chandrapur wish to initiate collaboration in the field of Environment Protection and Social

activities leading to academic and social interaction.

Both the parties have reached the following understanding.

1. Environmental education and public awareness.

2. Biodiversity conservation and management.

3. Study tour, exchange and temporary assignment of personal from one party to other.

4. Joint organization of workshops, seminars, training on Social issues.

6. Wildlife conservation and awareness, Awareness and protection of archeological heritage.

8. Awareness about importance of health issues and blood donation

9. To inculcate good habits in youth to develops themselves for the cause of nations.

10. To visit the Eco-Pro office

This Memorandum of Understanding (MoU) is signed between Dr. L.S. Ladke, Principal, NilkanthraoShinde Science and Arts College, Bhadrawati, Dist. Chandrapur and Shri Badu S. Dhotre, Founder President, Eco-Pro, Chandrapur on dated for the period of five-years.

For NilkanthraoShinde Science and Arts For Eco-Pro, Chandrapur College, Bhadrawati, Dist. Chandrapur K Shri Badu S. Dhotre, DrsLS Ladke, Arts College Founder President, Dr. L.S. Ladke Eco-Pro, Chandrapur 3162121 Bhadincipa, Dist-Chandraput NilkanthraoShinde Science and Arts College इको-प्रो संस्था, चंद्रपूर Bhadrawati, Dist. Chandrapur Bhadrawati, Dist-Chandrapur

"पर्यावरण संवर्धनाकरीता सदैव तत्पर..."



Graduate, Post Graduate and Center for Higher Learning and Research Permanently Affiliated to Gondwana University, Gadchiroli

Dr. L. S. Ladke Principal M. Sc. (Maths), M. Phil. Ph.D.

Member : Senate, Gondwana University, Gadchiroli Member : Academic Council, Gondwana University, Gadchiroli Member : Board of Examination and Evaluation

Ref.: NISSY 269 2022

Date: 27 09 2022

Memorandum of Understanding(MoU)

For Academic and Social Co-operation

Between

NilkanthraoShinde Science and Arts College, Bhadrawati, Dist. Chandrapur And

Eco-Pro, Chandrapur

NilkanthraoShinde Science and Arts College, Bhadrawati, Dist. Chandrapur and Eco-Pro,

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For NitkanthraoShinde Science and Arts

College, Bhadrawath, Dist, Chandrapur Dr. L.S. Ladke, CIPAL Dr. L.S. Ladke, CIPAL Principal College, Arts College, NilkanthraoShinde Science and Arts College, Bhadrawati, Dist, Chandrapur

For Ecol-Pro, Chandrapur Shri Badu S. Dhotre, Founder President,

hear Inge, PRINCIPAL N.S. Science & Arts College अध्यक्ष Bhadrawati, Dist-Changtan-प्रो संस्था, चंद्रपूर

Nilkanthrao Shinde Science and Arts College, Bhadrawati, District- Chandrapur

Session 2022-2023

<u>Certificate Course</u> <u>in</u> <u>Biodiversity Conservation and Management</u>

Nilkanthrao Shinde Science and Arts College, Bhadrawati, District-Chandrapur has launched the 3 months Certificate course in Biodiversity Conservation and Management for enabling the Graduate Degree Holders of any disciplines in acquiring expert knowledge in the fields of biodiversity, its types, importance, threatened to the biodiversity and different measures to protect biodiversity and its management.

Duration:

3 months. The certificate course starts with starting the session of every year.

Eligibility:

> Any discipline of running graduates and postgraduates.

Participation:

Students /Research Scholars /Faculty Members and any interested persons are eligible to participate.

Awards:

Certificate course in Biodiversity Conservation and Management will be awarded to all the successfully candidates by Nilkanthrao Shinde Science and Arts College, Bhadrawati, District- Chandrapur

adke Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandreve

1

Evaluation:

Evaluation will be on the basis of theory, practical examination and field based submission of assignments.

Certificate Course Fees:

≻ Nil

Number of seats:

≥ 25

Syllabus - Scheme of marking

Sr. No.	Title	Weightages
1	Theory - Biodiversity Conservation and Management	60 Marks
2	Practical – Including submission	40 Marks

Syllabus - Theory

Unit	Title
I	Biodiversity - Concept and definition
	1. Biodiversity: Basic concepts, importance and conservation needs
	levels, uses, types of biodiversity,
	2. Some biodiversity indicators.
	3. Economic importance of biodiversity and wild life.
II	Causes of Biodiversity
	1. Factors for decline of biological diversity.
	2. Approaches for conservation of biological diversity.
	3. Protection of wild flora, fauna and natural habitats.
	4. Concept of threatened species.
	5. Threatened and endangered animals and plants of India.
III	Values of Biodiversity
	1. In-situ conservation,
	2. Ex-situ conservation.
	3. Wild life sanctuaries,

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	4. National Parks and Biosphere Reserve.
	5. Gene and germ-plasm banks.
IV	 Threats to Biodiversity 1. Threats of biodiversity 2. International and national efforts to conserve biodiversity. 3. Biodiversity conventions and socio-cultural aspects of biodiversity.
	 Biotechnological needs for biodiversity conservation. Traditional knowledge and biodiversity conservation. IUCN Threatened Categories
	7. Conservation Policies and Law

Syllabus - Practical

Sr. No.	Title					
1	Identification of economically important animals and plants					
2	Field work for familiarizing the local fauna and flora					
3	Study tour of biodiversity rich zones of nearby forest					
4	Visit to a local polluted site-Urban/Rural/Industrial/Agricultural.					
5	Visit to a local area to document environmental assets river/ forest/grassland/hill/mountain					
6	Viva-Voce.					

Syllabus - Submission work

Sr. No.	Title
1	Field work to nearby forest to study the biodiversity
2	Preparation and submission of Field Report

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Books Recommended:

1. Groom, M. J., Meffe, G. R. and C. R. Carroll. 2006. Principles of Conservation Biology. Sinauer Associates, Inc., USA.

2. Krishnamurthy, K. V. 2003. Textbook of Biodiversity. Science Publication.

3. Primack, R. 2006. Essentials of Conservation Biology.Sinauer Associates, Inc., USA.

4. Hambler, C. 2004. Conservation. Cambridge University Press.

5. Van Dyke, F.2008. Conservation Biology Foundations, Concepts, Applications 2nd Edition, Springer.

6. Lockwood, M., Vorboys, G. and Kothari A. (Ed.). Managing Protected Areas

7. Stuart, C., Spalding, M and Jenkins, M. the world's Protected Areas: Status, Values and prospects in 21st century

8. Turner, M.G., Gardner, R. H. and ONeill, R. V. Landscape ecology in theory and practice: pattern and process

9. Chapin, F.S. Pamels, A. M. and Vitousek, P Principles of terrestrial Ecosystem ecology

10. Perrow, M. R. and Davy, A. J. Handbook of ecological Restoration Vol I Principles of restoration

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4

N.S. Science & Arts College Bhadrawati, Dist-Chandrapur Nilkanthrao Shinde Science and Arts College, Bhadrawati,

Dist. Chandrapur

Session 2022-23

Certificate course in Biodiversity Conservation and

Management



Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur निळकंठराव शिंदे विज्ञान व कला महाविद्यालयाचे इको -प्रो चंद्रपूर सोबत सामंजस्य करार व सर्टिफिकेट कोर्स इन बायोडायव्हर्सिटी कांजर्वेशन अँड मॅनेजमेंट चे उद्घाटन संपन्न

भद्रावती -स्थानिक नीलकंठराव शिंदे विज्ञान व कला महाविद्यालय व ईको -प्रौ चंद्रपूर यांच्यासोबत नुकताच सामंजस्य करार करण्यात आला

या कार्यक्रमाचे अध्यक्ष भद्रावती शिक्षण संस्था भद्रावती चे अध्यक्ष डॉ विवेक शिंदे, उद्घाटक इको -प्रो चंद्रपूरचे संस्थापक अध्यक्ष श्री बंडू धोतरे, डॉ. नथू वाढवे, श्री संदीप जीवने तसेच आयोजक प्राचार्य डॉ. एल एस लडके उपस्थित होते. या कार्यक्रमाची सुरुवात भद्रावती शिक्षण संस्था भद्रावतीचे संस्थापक सचिव स्व. निळकंठराव शिंदे व सावित्रीबाई फुले यांच्या प्रतिमेला माल्याअर्पण करून झाली.

सर्वप्रथम उपस्थित सर्व मान्यवरांचे पुष्पगुच्छ देऊन स्वागत करण्यात आले व याप्रसंगी महाविद्यालयाचे प्राचार्य डॉ. एल एस लडके यांनी आपल्या प्रास्ताविकेतून इको-पो चंद्रपूर यांच्यासोबतच्या सामंजस्य करार व नव्याने सुरू होत असलेल्या सर्टिफिकेट कोर्स इन बायोडायव्हर्सिटी कंजर्वेशन अँड मॅनेजमेंट याबद्दल सविस्तर माहिती देत या प्रकारचा कोर्स हा सर्वप्रथम या महाविद्यालयात व विद्यापीठात सुरू होत आहे तसेच या कोर्स चे महत्व स्पष्ट केले.

त्यानंतर इको- प्रो चंद्रपूरचे संस्थापक श्री बंडू धोतरे यांचे महाविद्यालयाच्या वतीने सन्मानचिन्ह व पुष्पगुच्छ देऊन सत्कार करण्यात आला व इको-प्रो चंद्रपूर व महाविद्यालया सोबत सामंजस्य करारावर सह्या करून सामंजस्य करार करण्यात आला याप्रसंगी श्री बंडू धोतरे यांनी विद्यार्थ्यांना जैवविविधतेवर सखोल मार्गदर्शन करीत आपण पर्यावरणाला विसरत चाललो आहोत त्यामुळे पर्यावरणाचा न्हास होत आहे व आज आपण परिणाम पाहत आहोत तसेच त्यांनी जैवविविधतेमधील सर्व घटक कसे महत्त्वाचे आहेत यावर विद्यार्थ्यांना सखोल असे मार्गदर्शन केले.

कार्यक्रमाचे अध्यक्ष भद्रावती शिक्षण संस्था भद्रावती चे अध्यक्ष डॉ. विवेक शिंदे यांनी अशा प्रकारचा कोर्स आपल्या महाविद्यालयात सुरू होत आहे व त्याचा सर्व विद्यार्थ्यांनी स्वतःसाठी व समाजासाठी फायदा करून घ्यावा असे आवाहन केले तसेच आपण जीवन जगत असताना पर्यावरणाविषयी जागृत असणे आवश्यक आहे व त्यासाठी वेळ देण्याची सर्वांना आवाहन केले या कार्यक्रमाचे संचालन या कोर्सचे समन्वयक प्रा डॉ. नरेंद्र हरणे तर आभार प्रदर्शन सह समन्वयक प्रा डॉ. नथू वाढवे यांनी केले.

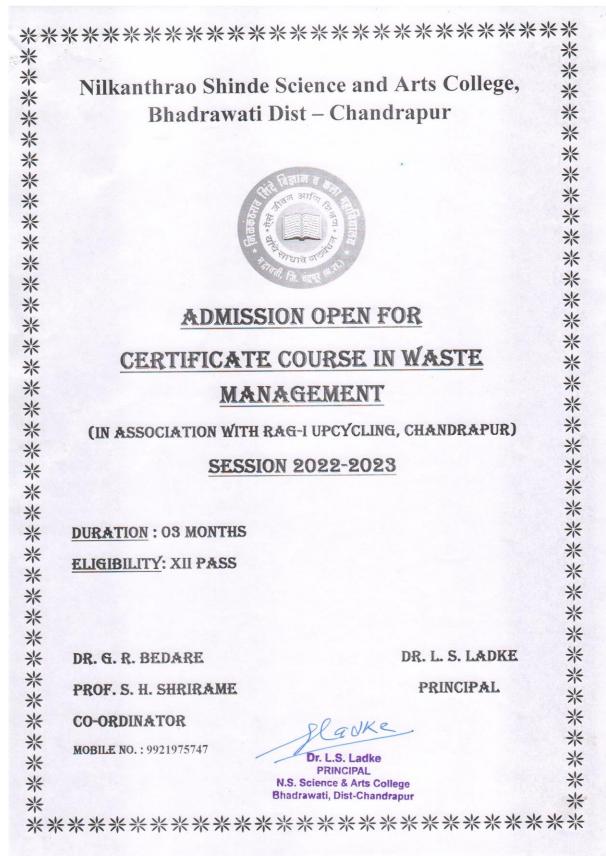
हा कार्यक्रम यशस्वी करण्याकरिता साक्षी कडवे, कल्याणी लांबवडे, मानसी कांबळे, आफरीन शेख, पल्लवी घाटे, प्रणय आगबत्तंवार, मेहरा येरगुडे, साहिल टोंगे, प्राध्यापक शशिकांत शीत्रे, प्राध्यापक प्रवीण कुमार नासरे, प्राध्यापक संदीप प्रधान, श्री कुशाल मानकर, श्री शरद भावरकर तसेच सर्व शिक्षक व शिक्षक इतर कर्मचाऱ्यांनी अथक परिश्रम घेतले तसेच या कार्यक्रमाकरिता महाविद्यालयातील सर्व विद्यार्थी बहुसंख्येने उपस्थित होते.

Science & Arts College Bhadrawati, Dist.-Chandrapur

Co-ordivator Dr. N.V. Harney Head

4. Certificate Course in Waste Management

Broacher, Syllabus, Admitted Students and Program



NILKANTHRAO SHINDE SCIENCE AND ARTS COLLEGE, BHADRAWATI DIST-CHANDRAPUR **CERTIFICATE COURSE IN WASTE MANAGEMENT** EXAMINATION 2022-23

SR NO	NAME	THEORY	FIELD VISIT	PROJECT *	TOTAL MARKS
1	VIBHA TATED	43	22	24	89
2	SUPRIYA BALPANE	40	22	23	85
3	AISHWARYA TIWARI	44	22	24	90
4	KHUSHI KARWADE	40	22	24	86
5	PRITI KAREKAR	41	22	22	85
6	GITIKA DURGE	40	22	21	83
7	RAJYASHREE DIXIT	40	22	22	84
8	PALLAVI KALE	41	22	23	86
9	ACHAL GIDGALWAR	42	22	22	86
10	TUMESHWARI JIWTODE	39	22	21	82
11	PRAJAKTA BODHANE	41	22	23	86
12	ANUSHKA JAWALE	44	22	24	90
13	MANSI MATTE	39	22	22	83
14	BHUMIKA BOBADE	42	22	23	87
15	NAMRATA LANJEWAR	42	22	21	85
16	DIVYA PIMPALKAR	41	22	23	86
17	GAYATRI SAH	38	22	21	81
18	KHUSHI PRADHAN	41	22	22	85
19	KOMAL JANGAPALLI	41	22	23	86
20	NITU PISDA	42	22	22	86
21	KRUTIKA BHOSKAR	38	22	21	81
22	ACHAL RUYARKAR	39	22	23	84
23	JANHAVI MANDANKAR	32	22	21	75
24	ANUSHRI ZURMURE	33	22	23	78
25	SAKSHI GOURKAR	39	22	21	82
26	PRIYA AMBILKAR	43	22 24		89

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Dr. L.S. Ladke

PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

College, Bheedramodi Bist. Chandrapus Session 2022-23 Certificate course in waste Management Maima Sign 1) Vibha S. Tated ATATED » Supriya v. Balpane Supriga 3> Aishwarya Tiwari Arshoweys 4) Khushi Kharwade Altresty. 5) Priti V. Karekan 6> Gritika . K. Durge Pearley 7) Rajyashree S. Dirit Ddurge (3) Pallavi 3 Kale KO:xit D Achal R. Jidgalwar talle. Asigaluar ") Tumeshwari S. Jiwtode Prajakter N. Bodhane 11> Diutod NBochane b> Amushka R. Jourale ARICUCCE 13 Mansi . B. Matte Mansi 14) Bhumika V. Bobade X3 hunn 15) Mampala P. Lanjewar 16) Divya D. Pimpaller abanisen 17] Grayatri U. Sah Dilet 18 Khushi . M. Bradhan nayatoi 19 Komal Jangapali Phushe 20) Nitu Pisold Konal 21] Krutika Bhoskas Alund 22) Achal Ruyarkar adke hiskory AVReguie 23] Janhavi .S. Ladke Mandaukar PRINCIPAL farandiks N.S. Science & Arts Collage 24) Anyshon zurmure Bhadrawati, Dist-Chandrage. Arus 25) Sakshi Gahukow Stuteshi 26) Prijer Ambilkan Darbilker Dz. G.R. Bedata

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Nilkanthrao Shinde Science & Arts College,

Bhadrawati Distt: Chandrapur

&

RAG-I Upcycling, Chandrapur

FOR

SKILL DEVELOPMENT, TRAINING OF STUDENTS AND FACULTY AND JOINT COLLABORATION THROUGH INDUSTRY RELEVANT PROJECTS AND CONSULTANCY SERVICES

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Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

MEMORANDUM OF UNDERSTANDING

This Memorandum of understanding (hereinafter called as the 'MoU') is entered into on this the 05th day of July, Two thousand and Twenty Two (2022), by and between by its **Principal**, **Nilkanthrao Shinde Science & Arts College**, **Bhadrawati** hereinafter referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors-in-office, administrators and assigns).

AND

RAG -I UPCYCLING, Chandrapur (hereinafter referred to as "Second Party", company which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'parties' and individually as 'party')

WHEREAS:

A)

First Party is a Principal, Nilkanthrao Shinde Science & Arts College, Bhadrawati: is a leading educational institution in science and arts of the region and its various departments is entrusted with the responsibility of imparting education of students and upgrade their skill sets by using the facilities of its infrastructure facilities. The institute is also contributing to the rapidly growing technological knowledge and professional excellence. First Party & Second party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

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Dr. L.S. Ladke PRINCIPAL N.S. Science & Aris Gellege Bhadrawati, Dist-Chandraput

AND

Second Party **RAG -I UPCYCLING**, **Chandrapur** is a company of recycling of waste material and supplies different products from waste material in India. The objective of the company is upcycling of waste material.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERE TO AGREE AS FOLLOWS:

CLAUSE I CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution. The parties shall keep each other informed of potential opportunities and shall share all relevant educational information that may be relevant to secure additional opportunities for one another.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty specially department of Physics and Chemistry. First Party providing significant inputs to them in developing suitable teaching / skill enhancement systems, keeping in mind the needs of the industry, the Second Party.

CLAUSE 2 SCOPE OF THE MoU

2.1 The budding technicians from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit

1Ke an Dr. L.S. Ladke

PRINCIPAL N.S. Science Contro College Bhadrawati, Dist-Chandre put

AND

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aNKe Dr. L.S. Ladke PRINCIPAL N.S. Science A data College Bhadrawati, Dist-Chander,

to the student community to enhance their skills and knowledge, without any prejudice to prevailing rules and regulations and without any disregard to any mechanism evolved and approved by the competent authorities of both parties. The areas of cooperation can be extended through mutual consent.

2.2 **Curriculum Design:** Second party will give valuable inputs to the First party in the latest technologies used in their institutions and accordingly customize the curriculum so that the students fit into the industrial scenario meaningfully.

2.3 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the emerging technology trends in Design, Tooling, Material Testing and Quality Assurance.

2.4 **Faculty Development Programs:** Second Party to train the Faculties of First Party and vice versa as per the requirements. The mode of training will be in the form of conducting seminar, Workshops and Guest lectures. The second party would also be providing exposure to the faculty members of the first party.

2.5 Skill Enhancement / Placement Assistance of Students:

Second Party will actively engage in delivery of the training need of students of the First Party in order to bridge the skill gap and make them industry ready. The second party will also provide the necessary support and assistance into internships and placements of students of the first party. The second party will provide the skill training to the students of first party in the collection of waste material.

2.6 Both Parties to obtain all internal approvals, consents, permissions, of

Dr.L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur whatsoever nature required for offering the programmes on the terms specified herein.

2.7 There is no financial commitment on the part of the Nilkanthrao Shinde Science & Arts College, Bhadrawati the First party or the second party RAG -I UPCYCLING, Chandrapur to take up any programme mentioned in the MoU.

CLAUSE 3 VALIDITY

3.1 This Agreement will be valid for a period of five years (05) until it is expressly terminated by either Party on mutually agreed terms, during which period RAG -I UPCYCLING, Chandrapur the Second Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of Ragi Upcycling, Chandrapur the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MoU.

3.2 Both Parties may terminate this MoU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.

3.3 The skill training of the students will be organized RAG -I UPCYCLING, Chandrapur in various areas as required the First party for the better employment of the students.

3.4 Students can undertake their project work at **RAG -I UPCYCLING**, Chandrapur in the upcycling of waste material.

Dr. L.S. Ladke PRINCIPAL

N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

CLAUSE 4 RELATIONSHIP BETWBEN THE PARTIES

4.1 It is expressly agreed that **Principal**, **Nilkanthrao Shinde Science & Arts College, Bhadrawati** and **RAG -I UPCYCLING, Chandrapur** are acting under this MoU as independent contractors, and the relationship established under this MoU shall not be construed as a partnership. Neither Party is authorized to use the other party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MoU to make agreements of any kind in the name of or binding upon the other party, to pledge the other party's credit or to extend credit on behalf of the other Party.

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Chandrapur District court.

AGREED:

For MoU Between Principal, Nilkanthrao Shinde Science & Arts College, Bhadrawati and RAG -I UPCYCLING, Chandrapur.

Authorized Signatory

Attihorized Stgitatory Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur Authorized Signatory

IKR

Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

Name of Institution	Name of Institution
Address:- Principal, Nilkanthrao Shinde Science & Arts College, Bhadrawati dist-chandrapur 442902	Address:- RAG -I UPCYCLING, C/O Paliwal Hospital,Mahakali Ward, Chandrapur 442402
Contact details	Contact details
E-mail:- principalnscollege@gmail.com	E-mail:- bdpaliwal2@gmail.com
Web:-www.nscollege.ac.in	

Witness 1 (D2. Gajenaka R. Bodara) Witness 3 Augure Prof. Sachim H. Smirsome

Witness 2 Abhilash Porihor Witness 4

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Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapuf

Bhadrawati Shikshan Sanstha, Bhadrawati's NILKANHHAO SHINDE SCIENCE & ARTS COLLEGE Bhadrawati , District Chandrapur - 442902 Accredited Grade "B++" by NAAC Bangalore (4th Cycle) (CGPA. 2.94) Permanently Affiliated to Gondawana University, Gadchiroli In Collaboration with RAG - Upcycling, Chandrapur	CERTIFICATE COURSE IN WASTE MANAGEMENT	This is to certify that Mr./Mrs./Ku. Rayyashree Sunil Dixit	of B.Sc. III year has successfully completed the CERTIFICATE COURSE IN WASTE MANAGEMENT	during the Academic Session 2024-2023 during the Academic Session 2024-2023 Dr. G. R. Badawa Dr. G.
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Nilkanthrao Shinde Science and Arts College, Bhadrawati, Dist. Chandrapur

Session 2022-23

Certificate Course in Waste Management

वज्ञान्त्रतो चंद्रपूर, रविवार, दि. २९ ऑगस्ट २०२२ d भद्रावतीत 'कोर्स इन वेस्ट मॅनेजमेंट'चे थाटात उद्या मार्गदर्शन केले. त्यांनी निळकंठराव शिंदे महाविद्यालय व रॅंग- १ अप-सायकलिंगचा संयुक्त उपक्रम पासून तयार करण्यात आलेल्या

े गेत्रती वृत्तसंकलन.

भव्रावती 1117-812 स्वातंत्र्याच्या अमृत महोत्सवी वर्षांचे औचित्य सायून स्वातंत्र्यदिनाच्या शुभ पर्वावर स्थानिक निज्जकंठराव शिंदें विज्ञान व कला महाविद्यालयात नुकतेच कोर्स इन बेस्ट मॅनिजमेंटचे वाटात उद्घाटन करण्यात आले. याप्रसंगी सदर महाविद्यालय आणि एल. एस. लडके यांची प्रमुख चंद्रपूरच्या रॅग-१ अपसायकलिंग, उपस्थिती होती. यांच्यात सामजस्य करार करण्यात आला. याप्रसंगी आयोजित

सहसचिव डॉ. विशास शिंदे तसेच



करतांना सामंजस्य करार नव्याने सुरू होत असलेल्या सांगितला. चंद्रपुरच्या रॅंग-१ भरपूर प्रमाणात तयार होत आहे

कार्यक्रमाचे आयोजक प्राचार्य डॉ. यांनी प्रास्ताविकपर विचार व्यक्त यांनी देस्ट मॅनेजमेंट मधून कसे करतात यावर सबाँना प्रदूषणावहरू चिंता व्यक्त केली.

शकते. याचर प्रकाश टाकला. इत्यादी संस्थेचे सहसचिव प्रा. डॉ विशाल

सर्व वस्तू ज्या प्लास्टिक बेंचेस चांगल्या गोष्टीची निर्मिती होऊ कवेलू , टाइल्स , गद्दू , विटा प्रत्यसात दाखविल्या.तसेच चंरातन शिदे यांनी मद्रावती येथील बुधवार निघणान्या इतर अनावश्यक वस्तू आठवडी बाजार संपल्यानंतर एक पासून विबिध उपयोगी वस्तू कशा व्यक्ती सडका माजीपाला गोळा तयार कराव्यात याची माहिती कहन त्यावर प्रक्रिया कहन तो विली. तसेच आज आपला देश शेडी व मेंडी यांच्यासाठी अन्न विविध क्षेत्रात प्रगती करीत आहे. म्हणून वापर करतो. यावरचा या इसेक्ट्रॉनिक वस्तू मेडिकल आपला वैयक्तिक अनुमव सवाना इक्वियममेंट्स, यमाकोल व ई-येस्ट मडावली जिल्लग संस्था सटिंफिकेट कोर्स इन वेस्ट अपसायकलिंगचे संस्थापक डॉ. त्यामुळे जगात व आपल्या देशात भद्रावतीचे संस्थापक सचिव त्य. मॅनेजमेंट याबद्दल सविस्तर बी. डी. पालीवाल यांचा संस्था व विविध प्रकारचे प्रदूषण तयार कोत कार्यक्रमाच्या अध्यक्षस्वानी निव्वकंदराव शिदे यांच्या प्रतिमेक्ता माहिती दिली, या प्रकारचा कोर्स महाविद्यालयाचतीने शाल , आहे. ते कमी करण्यासाठी उपाय भद्रावती शिक्षण संस्था भद्रावतीचे युष्यमाला अर्पण करून हा सर्वप्रथम भद्रावती शहर, श्रीफळ , सन्यानचिन्ह देळन व उपाययोजना यावर विस्तृत त्राणपा सरका सरका करणात अपना अपना करणात अल्ह्यात व विद्यार्थीशत सुध्या सरकार करण्यात आला. याप्रसंगी प्रकाश टाकली . याप्रसंगी त्यांनी आली, विभा तातेड व खुशी केवड आमच्याच महाविद्यालयात डॉ. पालीवाल यांनी आज जगात स्वता तयार केलेल्या विविध अप्यक्त डा. 1वाक गांव उद्धाटक संपूर्ण चंद्रपूरच्या रॅग-१ जरवडे यांनी सुमधुर स्वागत गित सुरू डोत असल्याचे सांगितले. सर्वात जास्त प्रदूषच करणारी वस्तु वस्तुंचे प्रदर्शन दाखविले. चंद्रपूरच्या रॅग-१ जरवडे यांनी सुमधुर स्वागत गित सुरू डोत असल्याचे सांगितले. सर्वात जास्त प्रदूषच करणारी वस्तु वस्तुंचे प्रदर्शन दाखविले. भ्रष्यसायकर्केंगचे संस्थापक डॉ. सावर करून शब्द सुमनाने सोबतच वेस्ट मॅनेजमेंट वस् बी.डी. पालीवाल, प्रमुख पाहुंगे उपस्थित मान्यवरांचे स्यागत संविस्तर मार्गदर्शन केले. याप्रसंगी कार्यक्रमाच्या रिसापकलिंग कहन मच्याने डॉ. विवेक शिर्व यांगी आजच्या याप्रसंगी कार्यक्रमाच्या रिसापकलिंग कहन मच्याने डॉ. विवेक शिर्व यांगी आजच्या कार्यक्रमाच्या रिसापकलिंग कहन मच्याने डॉ. विवेक शिर्व यांगी आजच्या कार्यक्रमाच्या रिसापकलिंग कहन मच्याने डॉ. विवेक शिर्व यांगी आजच्या हे. साधार्थ हॉ. एक. एस. लडके प्रमुख पाहुण्या हॉ. प्रिया शिंदे समात्र उपयोगी साहित्य तथार वयात. याहत्या य्वास्टिक प्राधार्थ हॉ. एक. एस. लडके प्रमुख पाहुण्या हॉ. प्रिया शिंदे समात्र उपयोगी साहित्य तथार व्यात. याहत्या य्वास्टिक

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