

COLLEGE OF NON-CONVENTIONAL VOCATIONAL COURSES FOR WOMEN, KOLHAPUR



Estd.: 1994
CSIBER Trust's

COLLEGE OF NON-CONVENTIONAL VOCATIONAL COURSES FOR WOMEN, KOLHAPUR

Reaccredited by NAAC Bangalore, with 'B' Grade (2.79)

Approved by Government of Maharashtra & Affiliated to Shivaji University, Kolhapur

B.Sc. Environment Science

PROSPECTUS – 2020-2021



Address-University Road, Kolhapur – 416 004 (Maharashtra)

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COLLEGE OF NON-CONVENTIONAL VOCATIONAL COURSES FOR WOMEN, KOLHAPUR

BOARD OF TRUSTEES- CSIBER

Sr.No.	Trustee Name & Address	Designation
1	Adv. Shripatrao Dinkarrao Shinde 12,Keshavsut,Sane Gurujivasahat,Near Sadhana High School Kadgao Road, Tal-Gadhinglaj	President, CSIBER Trust
2	Dr. Prabhakar Chintamanrao Shejwalkar 108/11, Bharatiniwas Colony Institute Of Management Education Abhinav Parisar Nal Stop Telephone Exchange Building Left 4 Building Erandawane, Prabhat Road, Pune-411044	Trustee, CSIBER Trust
3	Dr. P. S. Rao Director Research, Prin. L. N. Welingkar Institute Of Management Development & Research Lakhamsi Napoo Road, Near Matunga (Central Rly) Mumbai- 400019	Trustee, CSIBER Trust
4	Dr. Tukaram A. Shiware 401, Trishala Apt DadasoFalke Road, Dadar Mumbai, Maharashtra	Trustee, CSIBER Trust
5	Mr. R.A. Patil “Pushkraj”, Gulmohar Colony, near Mali Theater, Sangli-416416	Trustee, CSIBER Trust
6	Dr. Mrs. Vidya Upadhaye Fl. No. 1108, Building K, Madhukosh, Phase III, Sinhgad Road, Pune-4110041	Trustee, CSIBER Trust
7	Mr. Basappa Tamanna Kurne Station Road, Ganga Hospital Miraj, Sangli-416410	Trustee, CSIBER Trust
8	Mr. Ramchandra Anna Latake 9, ‘Krishna’, Shivajihsg. Society Opp. Sugar Factory, Sangli- 416416	Trustee, CSIBER Trust
9	Mr. Prabhakar Chanabasappa Balgurgi Annapurna Nishant Colony Shivaji nagar, Sangli- 416416	Trustee, CSIBER Trust
10	CAHrishikesh R. Shinde Dinkar Bangalow, Shivaji Colony, Neminath Nagar, Vishrambag, Sangli-416416	Trustee, CSIBER Trust
11	Dr. Vilas M. Hilage CSIBER, Kolhapur	Trustee, CSIBER Trust
12	Dr. Ranjitsinh Anandrao Shinde Dinkar Bangalow, Shivaji Colony, Neminath Nagar, Vishrambag, Sangli-416416	Secretary & Managing Trustee

COLLEGE OF NON-CONVENTIONAL VOCATIONAL COURSES FOR WOMEN, KOLHAPUR



Late Prof. Dr. A. D. Shinde
Founder

Brief History:

The Chhatrapati Shahu Institute of Business Education and Research (CSIBER) Trust, was established in 1976 by Dr. A. D. Shinde, a practicing Chartered Accountant and Professor of Accountancy and Taxation under the able guidance of Late Padmabhooshan Vasantodada Patil, Ex. Chief Minister, Maharashtra State, with an active support of Late Shri. Sripatrao Bondre, Ex. Minister Maharashtra State.

The Visionary Prof. Dr. A. D. Shinde, under CSIBER Trust has started College of Non-Conventional Vocational Courses for Women in 1994 for strengthening women empowerment by imparting Non-Conventional quality education at affordable cost, develop the intellectual capability of individuals to understand and appreciate their local and external environments, acquire both physical and intellectual skills which will enable individuals to be self-reliant and useful members of the society.

Vision, Mission & Goals of CNCVCW

Vision

- To Promote Equal Opportunities in Higher Education for Women Student community,
- To Educate & Prepare Women student community for vocational & professional excellence
- To Face the Need of changing Economic Condition & Business Policies of the Government.

Mission

- Adopting Variety of Modern Pedagogues.
- Prepare Women Student Academically.
- Facilitate Women in Understanding, Developing Interaction and applying core and Specialized Concepts and Practices.

- Update Women in a Different Vocations and Professions to Face the Future Challenges of Market by Providing them Laboratory and Field Practical Training.

Goals

- Promoting Sense of Belongingness, Confidence and Fulfill the Expectations of Women Community and Society at Large.
- Imparting High Quality Value Based Career Oriented Education to Women Students and Encouraging to them Self Employment.
- Developing a Systematic Approach in Solving the Problems at Specific and Universal Context.
- Encouraging on Team Spirit and Team Work.

Policies:

Environmental Policy & Mission

Environmental Policy of College:

“Green energy a step towards sustainable development”

Environmental Mission:

- Creating awareness among students and teachers in terms of plastic free campus, energy conservation, rain water harvesting and environmental and social outreach programmes.
- College seeks to reduce consumption of resources, reuse where ever possible and recycle the same.
- Implementation of proper principles of solid waste management and reduction of environmental pollution.
- Ensure staff and students receive appropriate environmental awareness training

Policy for Divyangjan

- Assistance is provided in all Perspectives.
- Provision of well constructed Ramp.

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- Provision of Wheel Chair provided at entrance Foyer if any Divyangjan Requisite.
- Provision of Barrier free environment to divyangjan.

Institutions run by the trust:

- **College of Non-Conventional Vocational Courses for Women (CNCVCW), Kolhapur. Reaccredited by NAAC, Bangalore with 'B' grade (CGPE 2.79)**
- Chh. Shahu Institute of Business Education and Research, Kolhapur (An Autonomous Institute , Programmes offered – MBA (Gen), MBA (Envt. with dual specialization., MCA, DBM, M.Sc.(Envt. & Safety), M.Sc.(Quantitative Economics) , M.Phil. (Commerce & management, Social Work, Environment Management, Economics and Computer Studies) and also recognized Centre for Ph.D.
- Dinkarrao K. Shinde School of Social Work, Kolhapur. (Master of Social Work)
- Vasantrodada K. Shinde Institute of Management Studies & Research, Miraj (MBA. MCA, DBM, DIT, BBA, BCA, M.COM, PGDCA)
- Dinkarrao K. Shinde College of Education, Gadhinglaj, Dist. Kolhapur (B.Ed)
- Smt. Radhabai Shinde English Medium School, Kolhapur
- Gijawane High School, Gijawane Gadhinglaj, Dist.Kolhapur

Programmes offered by the College :

- **B.Sc. (Environment Science)**
- **Bachelor of Science in Food Technology & Management B.Sc(FTM)**
- **Bachelor in Interior Design (BID)**
- **Bachelor of Arts. in Multimedia B.A(MM)**
- **Bachelor of Arts in Dress Making & Fashion Coordination B.A(DMFC)**
- **Post Graduate Diploma in Nutrition & Dietetics (PGDND)**

- **B.Com(Bank Management)**
- **B.Com(Business Management)**
- **M.Sc. (Food Science and Nutrition)**

Infrastructure:

Campus-

The college campus has an area of 11 acres garlanded by lush green meadows. The three storied separate building for college consists of well ventilated classrooms audio visual classrooms administrative block, conference hall, computer lab, laboratories , ladies room, faculty room, reading room, well equipped library with large number of text books, reference books, e-books and journals of National and International levels.

Class rooms and laboratories-

Well equipped classrooms and laboratories with ICT facility

Hostel Accommodation-

The college provides separate well maintained hostels for women in the sprawling campus with indoor game facilities like carom, table tennis, chess etc. Qualified Doctor is available 24 x 7 on call.

Language Laboratory-

The college offers language improvement programmes to improve the English language through high-tech language laboratory and subject experts.

Scholarship-

The students can apply for Scholarship as per the rules. Award of Scholarship is made/continued subject to the fulfillment of condition such as regular attendance, good behavior and satisfactory progress in studies.

Sports facility-

Well equipped indoor and outdoor sports facilities are available such as Table tennis, chess, carom, basket ball and spacious play ground. Gym is available for the use of students

Canteen-

The college has a canteen which also runs a mess for the students.

Placement-

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The newly designed Non-Conventional courses are increasing our students inherent skills to empower them with power of knowledge and thereby increasing self employability. Along with this the college extends all the help for the placement through central placement cell. The college has a full time training and placement Officer.

Alumni-

College has a registered Alumni association. With strength of more than 2000 ex-students the college alumni is

the pride of the institute. The aim of this association is to stimulate national and international network between alumni students and staff of college and business community in general. It facilitates communities and creates right path for building a proper network.

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B.Sc.(Environment Science)

Objectives of the Programme

- To give sound knowledge with understanding of Environment Science.
- To make study of Environmental science interesting and encouraging to students for higher education.
- To increase the employability of women in environment sector.

Eligibility-

B Sc. Environment Science I -

- H.S.C. (10 + 2) of Maharashtra, H.S.C. board or equivalent board of any state.
- 10 + 2 of Science Stream in PCM/ PCB/ PCMB, All recognized by Maharashtra Education Board or equivalent universities and boards of any state.

Intake-

Total intake capacity of the B.Sc. Environment Science I is 60 students

Admission process-

Admission to the first year of B. Sc Environment Science Program is purely based on marks obtained at 12th standard examination and written examination/personal interview of 100 marks conducted by college as a part of entrance examination. Final selection will be based on 50% of marks obtained at 12th standard and 50% of entrance/interview.

Reservation Policy-

No Reservation for special category

Medium of Instruction-

The medium of instruction is English.

Duration of Program

The duration of the Program is for Three years full time and divided into two semesters per year.

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TEACHING FACULTY- (Dept.of Food Technology) 2020-21

Sr.No.	Name	Designation	Qualification
1	Ms. Priyanka B. Magdum	Asst. Prof	M.Sc. Environmental Science & Safety, NET, SET,
2	Ms. Anagha A. Raut	Asst. Prof	M.Sc. Environmental Science, SET, Advanced diploma in Industrial Safety

Course Structure **B.Sc. (Environment Science)**

B.Sc. I Sem I	B.Sc. I Sem II
<ul style="list-style-type: none"> • Ecology & Ecosystem • Natural Resources • Fundamentals of Geosciences • Fundamentals of Environmental pollution1[Water] • Fundamentals of environmental Science • Soil Science • Fundamentals of Environmental Chemistry • Fundamentals of Environmental Biology • English – I 	<ul style="list-style-type: none"> • Fundamental of Environmental Pollution -2 (air & noise) • Biological Diversity and Conservation • Climate Change and Sustainable Development • Forest Management • Solid and Hazardous Waste management • Occupational Health & Safety • Remote sensing & GIS • Computer Applications • English – II
B.Sc. II Sem III	B.Sc. II Sem IV
<ul style="list-style-type: none"> • Disaster Management-1 (Natural) • Biostatistics • Environmental Ethics and Environmental Issues • Environmental Engineering - 1[water] • Environmental impact Assessment • Environmental Biotechnology • Environmental Studies (Theory) 	<ul style="list-style-type: none"> • Environmental Microbiology • Environmental Management System & Audit • Environmental Engineering - 2[waste water] • Environmental Education & policy • Environmental Economics • Disaster Management–II(Man-made) • Environmental Studies (Project)
B.Sc. III Sem V	B.Sc. III Sem VI

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- Land and water management-1
- Land and water management-2
- Wildlife Management-1
- Wildlife Management-2
- English – III

- Environmental Toxicology -1
- Environmental Toxicology-2
- Eco restoration-1
- Eco restoration-2
- English – IV

Note: Subject to final approval from Shivaji University.

Teaching Pedagogy:

The Dept. of Food Technology gives opportunity to explore ideas & creativity using variety of techniques & approaches. The teaching programme is carried out covering both theoretical & practical aspects by way of

- Lectures / Demonstrations
- Power Point Presentations
- Assignments
- Tutorials
- Seminars
- Project reports
- Case Studies
- Market Survey
- Group discussion
- Industry Institute Interaction in which students interact with the Professionals & eminent personalities in the field
- Study tour
- Annual Exhibition – Display of Student's work
- Workshops
- Guest lectures
- National Conference / Workshop / Competitions
- Inter department competitions

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- **Internship:** All candidates will have to produce certificate in prescribed form of attended 90 days full time or 180 days part time Internship experience of working professional Interior Designers / Architects or Civil Engineers office

Examination-Semester end exams will be conducted by ShivajiUniversity.

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RULES AND REGULATIONS

Admission cancellation: As per Shivaji University norms

Attendance: Minimum 80 % attendance is compulsory to become eligible to fill up the University examination form

Standard of Passing of B.Sc. Environment Science Examination

To pass the B. Sc Environment Science Examination the candidate must obtain 40% marks in university papers and 50% marks in internal assessment and external assessment (Practical) separately prescribed for each subject.

Those of the successful candidates who obtain 45% of the total marks in all heads of passing shall be placed in the Second class.

Those of the successful candidates who obtain 60% of the total marks in all heads of passing shall be placed in the First class.

Those of the successful candidates who obtain 70% of the total marks in all heads of passing shall be placed in the First class with Distinction.

A. T. K. T. rules:

A candidate who has failed in any 1/3 subject heads including internal and external at the First/ Second year examination will be allowed to keep terms and appear for second year or third year examination of B.Sc.. Provided she has obtained 45% or more marks in aggregate of all subjects. The result of the second or third year examination of such candidates will not be declared unless she has passed in the remaining subject of the first or second year examination.

Candidate who has failed in any 1/3 subject heads (including internal & external) papers in second year & have cleared first year B.Sc. examination shall be allowed to keep terms for B.Sc. third year.

The passing standards for the written, drawing, designing, University examination papers are given separately for each subject along with the course content of each subject.

i)

Refund: Application for refund must be made within six months from the date of final year examination. Failing which the deposit amount will be forfeited.

Action Against Ragging :

Ragging is strictly prohibited on the college campus. Period of five years and F.I.R will be lodged against them. Moreover, it will be mentioned in the college leaving certificate of such

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students that they are expelled because of their indulgence in ragging. The students found guilty of ragging will not be admitted to this college.

Completion of B. Sc. Environment Science program:

Candidate who fails to complete the program within a period of four years should complete the program within 6 years from the date of joining the program.

Job Opportunities:

1. Environmental Consultancies/ Own firm or consultancies in Environment sector
2. Central pollution control boards, Maharashtra pollution control boards and other pollution control boards.
3. Forest Departments
4. Metrology department
5. Various Research Institutes under Ministry of Environment and forests- NEERI (National Environmental Engg. Research Shakti Sustainable energy foundation, etc.
6. National Biodiversity authority, United Nations Environment programme, International Union for conservation of nature, World metrological organization, Climate action network, Convention on biological diversity
7. Research and development Institute), SACON (Salim Ali centre for ornithology and Natural history)
8. Non- Governmental organizations- TERI (The Energy and Research Institute), IHH (International Institute of Health and Hygiene), WTI (Wildlife trust of India), WWF (World wildlife fund), IES (Indian Environmental Society)
9. Industries- Working on renewable energy, Waste management, E-Waste, Environmental officer, Safety officer
10. Ecosystem Management, Ecotourism, etc.
11. Disaster Management, Town planning, Climate change, etc.
12. Chemicals and Waste
13. Sustainable agriculture, Hydroponics, etc.
14. Carbon footprints, carbon sequestration and trading
15. Green business and marketing
16. Environmental Journalist
17. Green Advocacy
18. Provision of M.Sc. Environmental science & safety/ MBA in environmental Management at CSIBER, Kolhapur.

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Other than this degree course college also offers some of the short term courses like:

- Certificate course in German language.
 - Certificate course in French language.
- Certificate course in Japanese language

Add on Courses offered for the academic year – 2020-21

1. Certificate course in Foreign Language - German / Japanese/French Language

- **Course outcomes** : 1. Enable students to learn one Foreign Language which will help them for skill development
- 2. Help students to increase employment opportunities.

- **No of Credits** : 3 credits

- **Duration of the course** : 45 contact hours

- Syllabus Of French Language



ADULTS COURSES CURRICULUM OVERVIEW

A1 LEVEL (Beginner)

LEVEL	Learning goals	Grammar topics
A1.1 Textbook: Texto 1 Dossiers 0, 1, 2.	<ul style="list-style-type: none"> • Greetings in French • Understand days of the week and months of the year. • Count (numbers) • Spell words • Introduce yourself (give your age, your job, talk about your family, say where you are from, where you live, say the languages you speak) • Ask questions (1) • Learn basic vocabulary 	<ul style="list-style-type: none"> • Auxiliary verbs (<i>to be/to have</i>) • Genders (<i>masculine/feminine</i>) • Definite and indefinite articles • Plural form • Possessive adjectives (<i>my, your, his/her...</i>) • Regular verbs at present tense (<i>-er verbs</i>)
A1.2 Dossiers 3, Dossier 4 (leçon 13)	<ul style="list-style-type: none"> • Understand a menu/Order at a restaurant • Ask questions (2) • Understand and give directions (1) • Speak about the weather • Say the time • Suggest an outing • Buy in shops 	<ul style="list-style-type: none"> • Plural of nouns • "on" pronoun • Negation • Prepositions of location (<i>in, on, next to, in front of...</i>) • Use « Quel », « Est-ce que » and « Qu'est-ce que » in a question • Demonstrative adjectives (<i>this, that</i>)

Syllabus Of German Language

Unit no:1 Content:

- Introduction (Name, country, living place, languages etc.)
- German alphabets, Numbers, Giving and asking information related to number

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- Difference between formal and informal, personal pronouns, Verb Conjugations
- European Countries, languages and capital cities

Unit no: 2 Content:

- Hobbies, free time activities
- Conjugation of Strong verbs
- Days, Months, Seasons
- Articles
- Professions: Talking about and asking for the professions.
- Conjugation of the Verb haben and sein.

Unit no: 3 Content:

- Vocabulary related Eatables. (Sentence Structure.
- Akkusative Case and Akkusative Verbs
- Modalverbs
- Timings.

Unit no: 4 Content:

- Intercultural Training

Syllabus Of Japanese Language

Details of the content:

Introduction.

- Geographical features, culture of Japan.
 - The origin of the script of Japanese language.
 - Introduction of Basic script, Hiragana. (46 Characters)
- 2). Greetings in Japanese Language –
Good Morning, Good afternoon, Good evening, Good Night, etc.s
- Writing Hiragana Letters from あ to ぞ and related words
 - Writing Hiragana Letters from た to ぽ and related words .
 - Writing Hiragana Letters from ま to ん and related words.
- Self introduction in Japanese.
 - Numerals from 1 to 100
 - Contracted consonant letters (Hiragana script).
 - Doubling of consonants with the use of っ in half case (Hiragana script).
 - Classroom vocabulary.
- Ex. Book, homework, question, answer, practice etc.
- Introduction of pictorial script Kanji
人、上、山、下、川、日本語。
 - Multiples of 1000
 - Multiples of 10,000
 - To express time in Japanese Language. 9 o'clock, half past nine etc.
 - Introduction of date and month.
 - Days of week.
 - Introduction of Time Phrase
This month, last month, last week, today, tomorrow etc.
 - Colors in Japanese

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- ii) Fruits, flowers in Japanese.
 - i) Body parts.
 - i) Writing Katakana letters from ア to ズ
 - ii) Writing Katakana letters from タ to ン.
 - i) Expressing nationality of a particular country.
 - i) Contracted consonant letters (Katakana script)
 - ii) Doubling of consonants with the use of ッ in half case (Katakana script).
- *Note: Words written phonetically using the Latin alphabet (romaji) will be only used in the very initial stage to aid learning pronunciations.

Following Documents required for the Admission:

- 1) Original HSC / SSC/ diploma Mark sheet
- 2) Original Leaving Certificate
- 3) Photograph : Two passport size photographs
- 4) Transfer Certificate.
- 5) Migration certificate if required

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Fee Structure:

Fee structure is as per directions of the affiliating University.

Bachelor of Environment Science (B.Sc.)

A]

Sr. No.	Particular	Fee (In Rs.)
		2022-23
1	Admission Fees	100
2	Tuition Fees	14500
3	Library Fees	500
4	Workshop / Seminar Fees	600
5	College Development fees	1000
6	Computer Lab	275
7	Laboratory Fee	800
8	I card	50
9	Borrower Card	50
11	Shivaji University fees	625
	Total (Rs.)	18500

B]

Sr.No.	Particular	Amount (Rs.)
1	Library deposit (Refundable)	1000
2	Alumni Registration fee	500
3	Language Course fee	1500
	Total (Rs.)	3000
	Grand total (Rs.)	21,500

C] Total Fees-A+B=Rs18500+Rs3000=Rs **21500/-**

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University Road, Kolhapur – 416004 (Maharashtra)

Contact

Co-Ordinator

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CSIBER TRUST'S

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Bachelor of Environment Science

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Dr. A. R. Kulkarni
Principal, CNCVCW

Dr. R. S. Shinde
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