


















## Document Information

<b>Analyzed document</b>	EVS011 Environmental Science & Environmental Biology.pdf (D164968440)
<b>Submitted</b>	4/25/2023 7:56:00 AM
<b>Submitted by</b>	prakashbarve
<b>Submitter email</b>	librarian@ycmou.digitaluniversity.ac
<b>Similarity</b>	10%
<b>Analysis address</b>	librarian.ycmou@analysis.orkund.com

## Sources included in the report

<b>SA</b>	<b>MESDSC 1.1.pdf</b> Document MESDSC 1.1.pdf (D144418862)		4
<b>W</b>	URL: <a href="https://www.open.edu/openlearn/nature-environment/introducing-environmental-decision-making/co...">https://www.open.edu/openlearn/nature-environment/introducing-environmental-decision-making/co...</a> Fetched: 4/25/2023 7:57:00 AM		1
<b>W</b>	URL: <a href="https://quizlet.com/587244603/population-ecology-flash-cards/">https://quizlet.com/587244603/population-ecology-flash-cards/</a> Fetched: 5/2/2022 8:59:59 PM		2
<b>W</b>	URL: <a href="https://quizlet.com/530095093/unit-2-ap-biology-exam-flash-cards/">https://quizlet.com/530095093/unit-2-ap-biology-exam-flash-cards/</a> Fetched: 2/20/2023 12:47:05 AM		1
<b>SA</b>	<b>BSc 2.1 Ecology and Ecosystem Dynamics B-ItoIV.docx</b> Document BSc 2.1 Ecology and Ecosystem Dynamics B-ItoIV.docx (D162886027)		10
<b>SA</b>	<b>Additions to CC and Biodiversity_UPSC _16.07.22 Vidya.docx</b> Document Additions to CC and Biodiversity_UPSC _16.07.22 Vidya.docx (D142325495)		1
<b>SA</b>	<b>submission.docx</b> Document submission.docx (D154075534)		1
<b>W</b>	URL: <a href="http://www.dspmuranchi.ac.in/pdf/Blog/aksinghdspmuranchiacinA13.pdf">http://www.dspmuranchi.ac.in/pdf/Blog/aksinghdspmuranchiacinA13.pdf</a> Fetched: 4/25/2023 7:57:00 AM		25
<b>W</b>	URL: <a href="https://www.britannica.com/science/ecological-succession">https://www.britannica.com/science/ecological-succession</a> Fetched: 4/25/2023 7:57:00 AM		8
<b>SA</b>	<b>Ecosystem (1).pdf</b> Document Ecosystem (1).pdf (D161664677)		1
<b>W</b>	URL: <a href="https://www.cbd.int/forest/definitions.shtml#:~:text=A%20forest%20ecosystem%20can%20be,key%20c...">https://www.cbd.int/forest/definitions.shtml#:~:text=A%20forest%20ecosystem%20can%20be,key%20c...</a> Fetched: 4/25/2023 7:57:00 AM		1
<b>W</b>	URL: <a href="https://www.fao.org/3/xii/1018-b2.htm">https://www.fao.org/3/xii/1018-b2.htm</a> Fetched: 4/25/2023 7:57:00 AM		5
<b>W</b>	URL: <a href="https://www.fao.org/3/y3582e/y3582e08.htm">https://www.fao.org/3/y3582e/y3582e08.htm</a> Fetched: 4/25/2023 7:57:00 AM		3

<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Whale_fall#:~:text=A%20whale%20fall%20occurs%20when,the%20bathya...">https://en.wikipedia.org/wiki/Whale_fall#:~:text=A%20whale%20fall%20occurs%20when,the%20bathya...</a> Fetched: 4/25/2023 7:57:00 AM		<b>1</b>
<b>W</b>	URL: <a href="https://www.un.org/depts/los/LEGISLATIONANDTREATIES/PDFFILES/IND_1976_Act.pdf">https://www.un.org/depts/los/LEGISLATIONANDTREATIES/PDFFILES/IND_1976_Act.pdf</a> Fetched: 4/25/2023 7:57:00 AM		<b>20</b>
<b>SA</b>	<b>XII Chapter 14.pdf</b> Document XII Chapter 14.pdf (D114479080)		<b>1</b>
<b>W</b>	URL: <a href="https://www.indiacode.nic.in/handle/123456789/1484?sam_handle=123456789/1362">https://www.indiacode.nic.in/handle/123456789/1484?sam_handle=123456789/1362</a> Fetched: 4/25/2023 7:57:00 AM		<b>2</b>

## Entire Document

EVS 011: Environmental Science and Environmental Biology Page 1 A S T , Y C M O U , N a s h i k – 4 2 2 2 2 , M H , I n d i a Email: director.ast@ycmou.ac.in Website: www.ycmou.ac.in Phone: +91-253-2231473 EVS 011 Programmes: V135: Diploma in Environmental Science & V136 M.Sc. Environmental Science Environmental Science and Environmental Biology Semester 01 School of Architecture, Science and Technology, Yashwantrao Chavan Maharashtra Open University













EVS 011: Environmental Science and Environmental Biology Page 2 Yashwantrao Chavan Maharashtra Open University EVS-011 Environmental Science & Environmental Biology Brief Contents Vice Chancellor’s Message ..... 4 Foreword By The Director ..... 5 Credit 01 ..... 6 Credit 01 ..... 7 Unit 01-01: Background And Scope Of Environmental Science 7 Unit 01-02: Use Of Technology In Environmental Science 17 Unit 01-03: Human Impact On Environment And its Consequences 28 Unit 01-04: Population Explosion ..... 33 Credit 02 ..... 49 Credit 02 ..... 50 Unit 02-01: Ecology and sub divisions ..... 50 Unit 02-02: Community Ecology ..... 76 Unit 02-03: Biomes ..... 92 Unit 02-04: The concept of tragedy of commons . 104 Credit 03 ..... 119 Credit 03 ..... 120 Unit 03-01: Principle and Scope of Biology ..... 120 Unit 03-02: Classification of ecosystem..... 133 Unit 03-03: Basic laws of energy flow ..... 153 Unit 03-04: Succession ..... 161 Credit 04 ..... 175 Credit 04 ..... 176 Unit 04-01: Forest Ecology ..... 176 Unit 04-02: Effect of fire on Forest Ecosystem .... 189 Unit 04- 03: Marine Environment ..... 194 Unit 04- 04: Indian Marine Territory [Exclusive Economic Zone] 235



















EVS 011: Environmental Science and Environmental Biology Page 3 EVS011: Environmental Science & Environmental Biology Yashwantrao Chavan Maharashtra Open University Vice-Chancellor: Prof. Dr. E. Vayunandan School of Architecture, Science and Technology Programme Advisory Committee Dr Sunanda More Director(I/c) & Associate Professor, School of Architecture, Science & Technology, YCMOU, Nashik Dr Manoj Killedar Associate Professor, School of Architecture, Science & Technology, YCMOU, Nashik Prof. Jaydeep Nikam Director(I/c) & Associate Professor, School of Health Science , YCMOU, Nashik Dr.Pondhe G.M. Assot. Professor and Head, Department of Environmental Science Padmshree VikhePatil College of Arts, Science and Commerce, Pravaranagar, A/P-Loni-413713 Prof. Dr.Sharad Ratan Khandelwal Professor & Principal H.A.L. College of Science & Commerce, Ozar Township Tal: Niphad Dist: Nashik 422207 Prof. Pravin Nalawade Assistant Professor and Head Department of Environmental Science, KTHM College, Nashik – 2 Dr. Anita V. Handore, Incharge, Research and Development Dept. Sigma Wineries Pvt.Ltd., Nashik Development Team Course Coordinator and Instructional Technology Editor Book Writer Book Editor Dr. Sunanda More Director(I/c) & Associate Professor, School of Architecture, Science & Technology, YCMOU, Nashik Shweta Mahendra More Academic coordinator, School of Architecture, Science & Technology, YCMOU, Nashik Mrs. Chandrashila Gaikwad M.Sc. Botany, B.Ed, PhD [Pursuing] School of Architecture, Science & Technology, YCMOU, Nashik [Credits 1 & 2] Mrs. Shweta Mahendra More M.Sc. Biotechnology, B.Ed, PhD [Pursuing] School of Architecture, Science & Technology, YCMOU, Nashik [Credits 3 & 4] Mr. Kailas Ahire Assistant Professor Dept. of Environmental Science, K.R.T. Arts, B.H. Commerce and A.M. Science College (KTHM) College, Nashik This work by YCMOU is licensed under a Creative Commons Attribution-NonCommercial- ShareAlike 4.0 International License. ? Book Publication : 28-October-2021 Publication No:2421 ? Publisher : Dr. Dinesh Bhonde, Registrar, YCMOU, Nashik - 422 222, MH, India ? ISBN: 978-93-92982-07-1

## Document Information

<b>Analyzed document</b>	EVS012 Environmental Education, Policies and Legislation.pdf (D164968489)
<b>Submitted</b>	2023-04-25 07:58:00
<b>Submitted by</b>	prakashbarve
<b>Submitter email</b>	librarian@ycmou.digitaluniversity.ac
<b>Similarity</b>	10%
<b>Analysis address</b>	librarian.ycmou@analysis.arkund.com

## Sources included in the report














<b>SA</b>	<b>Unit-17 Block 5 BGGCT 135_Environmental Geography, SOS.pdf</b> Document Unit-17 Block 5 BGGCT 135_Environmental Geography, SOS.pdf (D126908860)		<b>11</b>
<b>SA</b>	<b>EV-K.docx</b> Document EV-K.docx (D126201987)		<b>9</b>
<b>W</b>	URL: <a href="http://moef.gov.in/wp-content/uploads/2021/03/Environment-AR-English-2020-21.pdf">http://moef.gov.in/wp-content/uploads/2021/03/Environment-AR-English-2020-21.pdf</a> Fetched: 2023-04-25 08:09:00		<b>9</b>
<b>SA</b>	<b>Unit_11_Environmental_Laws 25th Dec 2021.docx</b> Document Unit_11_Environmental_Laws 25th Dec 2021.docx (D123676138)		<b>7</b>
<b>SA</b>	<b>CHAPTER 4 Wasi Ahmad GD2419 AMU.docx</b> Document CHAPTER 4 Wasi Ahmad GD2419 AMU.docx (D54274378)		<b>11</b>
<b>SA</b>	<b>Plagiarism Checking Belayet.docx</b> Document Plagiarism Checking Belayet.docx (D44077671)		<b>11</b>
<b>SA</b>	<b>UNIT 6.docx</b> Document UNIT 6.docx (D40202562)		<b>10</b>
<b>SA</b>	<b>Environmental acts-Dr.Karpagam.docx</b> Document Environmental acts-Dr.Karpagam.docx (D127716087)		<b>3</b>
<b>W</b>	URL: <a href="https://economictimes.indiatimes.com/news/politics-and-nation/india-ratifies-2nd-commitment-pe...">https://economictimes.indiatimes.com/news/politics-and-nation/india-ratifies-2nd-commitment-pe...</a> Fetched: 2023-04-25 08:09:00		<b>2</b>
<b>SA</b>	<b>Important_international_Conference_241022.docx</b> Document Important_international_Conference_241022.docx (D147752111)		<b>4</b>
<b>W</b>	URL: <a href="https://www.britannica.com/science/ecological-footprint">https://www.britannica.com/science/ecological-footprint</a> Fetched: 2023-04-25 08:09:00		<b>2</b>
<b>W</b>	URL: <a href="https://www.downtoearth.org.in/blog/environment/is-your-footprint-green-enough--61133">https://www.downtoearth.org.in/blog/environment/is-your-footprint-green-enough--61133</a> Fetched: 2023-04-25 08:09:00		<b>1</b>

<b>W</b>	URL: <a href="http://happyplanetindex.org/">http://happyplanetindex.org/</a> Fetched: 2023-04-25 08:09:00	 3
<b>W</b>	URL: <a href="https://www.ecosystemvaluation.org/1-02.htm">https://www.ecosystemvaluation.org/1-02.htm</a> Fetched: 2023-04-25 08:09:00	 2
<b>W</b>	URL: <a href="https://www.overshootday.org/about-earth-overshoot-day/">https://www.overshootday.org/about-earth-overshoot-day/</a> Fetched: 2023-04-25 08:09:00	 2
<b>SA</b>	<b>chapter II.docx</b> Document chapter II.docx (D25468445)	 4
<b>SA</b>	<b>Bornali.pdf</b> Document Bornali.pdf (D138620771)	 5
<b>W</b>	URL: <a href="https://www.un.org/en/conferences/environment/rio1992">https://www.un.org/en/conferences/environment/rio1992</a> Fetched: 2020-11-26 05:51:20	 2
<b>SA</b>	<b>Chapters 1-8.doc</b> Document Chapters 1-8.doc (D111921933)	 11
<b>W</b>	URL: <a href="http://www.basel.int/TheConvention/Overview/tabid/1271/Default.aspx">http://www.basel.int/TheConvention/Overview/tabid/1271/Default.aspx</a> Fetched: 2023-04-25 08:09:00	 3
<b>W</b>	URL: <a href="https://www.ramsar.org/about/the-convention-on-wetlands-and-its-mission">https://www.ramsar.org/about/the-convention-on-wetlands-and-its-mission</a> Fetched: 2023-04-25 08:09:00	 2
<b>SA</b>	<b>Unit-16 Block 5 BGGCT 135_Environmental Geography, SOS.pdf</b> Document Unit-16 Block 5 BGGCT 135_Environmental Geography, SOS.pdf (D126908859)	 2
<b>SA</b>	<b>09_Chapter 1.pdf</b> Document 09_Chapter 1.pdf (D17686514)	 4
<b>SA</b>	<b>140821391-552659-574511.pdf</b> Document 140821391-552659-574511.pdf (D148892087)	 2
<b>W</b>	URL: <a href="https://culturalrights.net/en/documentos.php?c=18&amp;p=196">https://culturalrights.net/en/documentos.php?c=18&amp;p=196</a> Fetched: 2023-04-25 08:09:00	 1
<b>SA</b>	<b>D.Dhrani Dharan PQ21001 LLM.pdf</b> Document D.Dhrani Dharan PQ21001 LLM.pdf (D164845824)	 1
<b>SA</b>	<b>term paper ( Amisha sharma).pdf</b> Document term paper ( Amisha sharma).pdf (D159567123)	 1
<b>SA</b>	<b>THE LINKAGE BETWEEN CLIMATE CHANGE Niloptal Chatterjee..doc</b> Document THE LINKAGE BETWEEN CLIMATE CHANGE Niloptal Chatterjee..doc (D144548651)	 2
<b>W</b>	URL: <a href="https://www.ipcc.ch/about/">https://www.ipcc.ch/about/</a> Fetched: 2023-04-25 08:09:00	 2
		
<b>SA</b>	<b>santosh kumar. B, ELO2002, Dissertation.docx</b> Document santosh kumar. B, ELO2002, Dissertation.docx (D141956206)	2

## Document Information

<b>Analyzed document</b>	EVS013 Natural Resources and Their Conservation.pdf (D164657981)
<b>Submitted</b>	4/21/2023 1:53:00 PM
<b>Submitted by</b>	prakashbarve
<b>Submitter email</b>	librarian@ycmou.digitaluniversity.ac
<b>Similarity</b>	1%
<b>Analysis address</b>	librarian.ycmou@analysis.arkund.com

## Sources included in the report

<b>W</b>	URL: <a href="https://fdocuments.in/document/unit-ii-natural-products-is-used-for-village-development-chipko...">https://fdocuments.in/document/unit-ii-natural-products-is-used-for-village-development-chipko...</a> Fetched: 1/13/2023 10:40:32 AM		<b>6</b>
<b>W</b>	URL: <a href="https://annamalaiuniversity.ac.in/studport/download/engg/pharm/resources/BPHARM_1Y_2S_206T_ENV...">https://annamalaiuniversity.ac.in/studport/download/engg/pharm/resources/BPHARM_1Y_2S_206T_ENV...</a> Fetched: 11/6/2021 1:10:52 AM		<b>1</b>
<b>W</b>	URL: <a href="http://103.38.12.142:8081/jspui/bitstream/123456789/550/1/Environmental%20Studies.pdf">http://103.38.12.142:8081/jspui/bitstream/123456789/550/1/Environmental%20Studies.pdf</a> Fetched: 10/23/2021 8:32:08 PM		<b>1</b>
<b>SA</b>	<b>Environment STUDIES Edited IGS.pdf</b> Document Environment STUDIES Edited IGS.pdf (D146248470)		<b>5</b>
<b>SA</b>	<b>MESDSC 1.1.pdf</b> Document MESDSC 1.1.pdf (D144418862)		<b>2</b>
<b>W</b>	URL: <a href="https://egyanagar.osou.ac.in/download-slm.php?file=AECC-01-BLOCK-03.pdf">https://egyanagar.osou.ac.in/download-slm.php?file=AECC-01-BLOCK-03.pdf</a> Fetched: 2/1/2020 1:51:50 PM		<b>1</b>
<b>W</b>	URL: <a href="http://www.jiwaji.edu/pdf/ecourse/pharmaceutical/Natural%20Resources.pdf">http://www.jiwaji.edu/pdf/ecourse/pharmaceutical/Natural%20Resources.pdf</a> Fetched: 1/20/2022 9:47:31 AM		<b>10</b>
<b>SA</b>	<b>EVS 502 Revised.pdf</b> Document EVS 502 Revised.pdf (D142267818)		<b>6</b>
<b>SA</b>	<b>Forests and Water by Dr. P. M. Natarajan,. Dr. K. Muthuchelian &amp; Thiru.Shambhu Kallollikar.docx</b> Document Forests and Water by Dr. P. M. Natarajan,. Dr. K. Muthuchelian & Thiru.Shambhu Kallollikar.docx (D112819726)		<b>1</b>
<b>SA</b>	<b>EVS 508 unit 6.pdf</b> Document EVS 508 unit 6.pdf (D154686626)		<b>2</b>
<b>SA</b>	<b>NANDIKA.K PQ20012 .pdf</b> Document NANDIKA.K PQ20012 .pdf (D139649365)		<b>2</b>
<b>W</b>	URL: <a href="https://profilelogin.admissione.online/UploadFiles/Documents/ProfileLgoin/Subtitle/NColge_1372...">https://profilelogin.admissione.online/UploadFiles/Documents/ProfileLgoin/Subtitle/NColge_1372...</a> Fetched: 10/4/2021 8:44:03 PM		<b>9</b>
<b>SA</b>	<b>Unit 13.doc</b> Document Unit 13.doc (D46609896)		<b>1</b>







## Document Information

---

<b>Analyzed document</b>	EVS014 Practical Lab Manual.pdf (D164969310)
<b>Submitted</b>	4/25/2023 8:24:00 AM
<b>Submitted by</b>	prakashbarve
<b>Submitter email</b>	librarian@ycmou.digitaluniversity.ac
<b>Similarity</b>	6%
<b>Analysis address</b>	librarian.ycmou@analysis.urkund.com

## Sources included in the report

---

<b>W</b>	URL: <a href="https://www.brainkart.com/article/Types-of-ecological-pyramid_38340/">https://www.brainkart.com/article/Types-of-ecological-pyramid_38340/</a> Fetched: 4/25/2023 8:25:00 AM	 <b>2</b>
<b>W</b>	URL: <a href="https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classXII/biology/lelm214.pdf">https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classXII/biology/lelm214.pdf</a> Fetched: 4/25/2023 8:25:00 AM	 <b>2</b>
<b>W</b>	URL: <a href="https://www.iisd.org/learning/eia/eia-7-steps/step-5-the-eia-report/">https://www.iisd.org/learning/eia/eia-7-steps/step-5-the-eia-report/</a> Fetched: 4/25/2023 8:25:00 AM	 <b>1</b>
<b>SA</b>	<b>XXXX.docx</b> Document XXXX.docx (D153617713)	 <b>1</b>
<b>SA</b>	<b>Rachanaben Suthar Ch-03.pdf</b> Document Rachanaben Suthar Ch-03.pdf (D150777656)	 <b>2</b>
<b>W</b>	URL: <a href="https://www.uaeu.ac.ae/en/cavm/doc/aridland/methods_of_analysis.pdf">https://www.uaeu.ac.ae/en/cavm/doc/aridland/methods_of_analysis.pdf</a> Fetched: 12/22/2022 3:48:32 PM	 <b>3</b>

## Entire Document














---









EVS014: Lab Manual for Sem 01 Page 0 A S T , Y C M O U , N a s h i k – 4 2 2 2 2 , M H , I n d i a Email: director.ast@ycmou.ac.in Website: www.ycmou.ac.in Phone: +91-253-2231473 EVS014 Programmes: V135: Dip. in Environmental Science & V136: M.Sc. in Environmental Science Lab Manual for Sem 01 School of Architecture, Science and Technology, Yashwantrao Chavan Maharashtra Open University

## Document Information

<b>Analyzed document</b>	EVS021 Environmental Sustainability.pdf (D164969318)
<b>Submitted</b>	2023-04-25 08:24:00
<b>Submitted by</b>	prakashbarve
<b>Submitter email</b>	librarian@ycmou.digitaluniversity.ac
<b>Similarity</b>	11%
<b>Analysis address</b>	librarian.ycmou@analysis.arkund.com

## Sources included in the report

<b>W</b>	URL: <a href="https://www.nap.edu/read/13497/chapter/12#193">https://www.nap.edu/read/13497/chapter/12#193</a> Fetched: 2023-04-25 08:25:00	 <b>39</b>
<b>SA</b>	<b>pollution book.pdf</b> Document pollution book.pdf (D24327357)	 <b>6</b>
<b>SA</b>	<b>MESDSE-2.4 Env Law.docx</b> Document MESDSE-2.4 Env Law.docx (D162886128)	 <b>184</b>
<b>W</b>	URL: <a href="https://www.treehugger.com/what-is-eco-friendly-technology-4864056">https://www.treehugger.com/what-is-eco-friendly-technology-4864056</a> Fetched: 2023-04-25 08:26:00	 <b>3</b>
<b>W</b>	URL: <a href="https://www.igi-global.com/chapter/environmentally-friendly-technologies/268560">https://www.igi-global.com/chapter/environmentally-friendly-technologies/268560</a> Fetched: 2023-04-25 08:26:00	 <b>1</b>
<b>W</b>	URL: <a href="https://www.energy.gov/eere/water/hydropower-basics">https://www.energy.gov/eere/water/hydropower-basics</a> Fetched: 2023-04-25 08:27:00	 <b>2</b>
<b>SA</b>	<b>Atowar Rahman_Law 3.8.16.docx</b> Document Atowar Rahman_Law 3.8.16.docx (D21288473)	 <b>3</b>
<b>W</b>	URL: <a href="https://link.springer.com/referenceworkentry/10.1007%252F978-3-319-63951-2_194-1">https://link.springer.com/referenceworkentry/10.1007%252F978-3-319-63951-2_194-1</a> Fetched: 2023-04-25 08:27:00	 <b>1</b>
<b>W</b>	URL: <a href="https://sensanetworks.com/blog/what-is-sustainable-waste-management-and-why-it-matters/">https://sensanetworks.com/blog/what-is-sustainable-waste-management-and-why-it-matters/</a> Fetched: 2023-04-25 08:27:00	 <b>8</b>
<b>W</b>	URL: <a href="https://evreka.co/eco-friendly-solid-waste-management/">https://evreka.co/eco-friendly-solid-waste-management/</a> Fetched: 2023-04-25 08:27:00	 <b>11</b>
<b>W</b>	URL: <a href="https://www.roadrunnerwm.com/blog/the-5-rs-of-waste-recycling">https://www.roadrunnerwm.com/blog/the-5-rs-of-waste-recycling</a> Fetched: 2023-04-25 08:27:00	 <b>11</b>
<b>W</b>	URL: <a href="https://www.usatoday.com/story/money/2019/06/17/climate-change-30-ways-to-make-your-life-more-...">https://www.usatoday.com/story/money/2019/06/17/climate-change-30-ways-to-make-your-life-more-...</a> Fetched: 2023-04-25 08:27:00	 <b>49</b>
<b>W</b>	URL: <a href="http://www.jgypk.hu/mentorhalo/tananyag/Tevekenyen_az_iskolaban/ix_1_definition_characteristic...">http://www.jgypk.hu/mentorhalo/tananyag/Tevekenyen_az_iskolaban/ix_1_definition_characteristic...</a> Fetched: 2023-04-25 08:27:00	 <b>3</b>

<b>W</b>	URL: <a href="https://kkhsou.ac.in/eslm/E-SLM-for-Learner/6th%20Sem/Bachelor%20Degree/Education/Education%20...">https://kkhsou.ac.in/eslm/E-SLM-for-Learner/6th%20Sem/Bachelor%20Degree/Education/Education%20...</a> Fetched: 2023-04-25 08:27:00	 <b>15</b>
<b>W</b>	URL: <a href="https://egyankosh.ac.in/bitstream/123456789/60104/1/Attitude%20towards%20Protection%20of%20Env...">https://egyankosh.ac.in/bitstream/123456789/60104/1/Attitude%20towards%20Protection%20of%20Env...</a> Fetched: 2023-04-25 08:28:00	 <b>2</b>
<b>W</b>	URL: <a href="https://science.jrank.org/pages/2526/Environmental-Ethics-Environmental-attitudes.html">https://science.jrank.org/pages/2526/Environmental-Ethics-Environmental-attitudes.html</a> Fetched: 2023-04-25 08:28:00	 <b>3</b>
<b>W</b>	URL: <a href="https://www.heraldgoa.in/Edit/UPFRONT/Man-must-change-attitude-towards-environment/155925">https://www.heraldgoa.in/Edit/UPFRONT/Man-must-change-attitude-towards-environment/155925</a> Fetched: 2023-04-25 08:28:00	 <b>11</b>
<b>W</b>	URL: <a href="https://www.linkedin.com/pulse/what-importance-benefits-critical-thinking-skills-islam">https://www.linkedin.com/pulse/what-importance-benefits-critical-thinking-skills-islam</a> Fetched: 2023-04-25 08:28:00	 <b>21</b>
<b>SA</b>	<b>Global_environmental_problems.docx</b> Document Global_environmental_problems.docx (D3683800)	 <b>2</b>
<b>W</b>	URL: <a href="https://www.sei.org/wp-content/uploads/2019/01/making-space-how-public-participation-shapes-en...">https://www.sei.org/wp-content/uploads/2019/01/making-space-how-public-participation-shapes-en...</a> Fetched: 2023-04-25 08:28:00	 <b>18</b>
<b>W</b>	URL: <a href="https://ejscclinic.info.yorku.ca/2016/04/the-importance-of-public-participation/">https://ejscclinic.info.yorku.ca/2016/04/the-importance-of-public-participation/</a> Fetched: 2023-04-25 08:28:00	 <b>5</b>










## Entire Document

ins A S T , Y C M O U , N a s h i k – 4 2 2 2 2 , M H , I n d i a Email: director.ast@ycmou.ac.in Website: www.ycmou.ac.in Phone: +91-253-2231473 EVS021 Programs: V135: Dip. in Environmental Science & V136: M.Sc. in Environmental Science Environmental Sustainability Semester 02 School of Architecture, Science and Technology, Yashwantrao Chavan Maharashtra Open University EVS021 Environmental Sustainability Page 2 Yashwantrao Chavan Maharashtra Open University EVS021 Environmental Sustainability Brief Contents Vice Chancellor"s Message ..... 5 Forward By The Director ..... 6 Credit 01 ..... 8 Credit 01 –Unit 01-01: Introduction to environment and society, Factors affecting environment and society 1, Factors affecting environment and society..8 Credit 01 - Unit 01-02: 2 Our Common Future, Introduction to Terms of Significance 1, Introduction to Terms of Significance 2..... .15 Credit 01 - Unit 01-03: Trade & Environment- Concepts, issues and recent developments- part 1, Trade & Environment- Concepts, issues and recent developments- part 2,.....24 Credit 01 - Unit 01-04: Legal Edifice of Environmental Protection, Environmental Impact Assessment Norms and their application in India, The Wild Life Protection Act, 1972.....34 Credit 02 ..... 66 Credit 02 - Unit 02-01: The Case of Western Ghats- The Gadgil Report, The Kasturirangan Report .....66 Credit 02 - Unit 02-02: The Forest Conservation Act, 1980, The Water Act, The Air –Prevention & Control of Pollution Act, 1981.....74 Credit 02 - Unit 02-03: Seminal Cases in Environmental Protection, The Environment Protection Act, 1986, Environmental Friendly Technologies- Concept and Need, A Consumer Behaviour perspective to Environmental Sustainability.....158 Credit 02 - Unit 02-04: Managing our environment for sustainability- Solar Energy part 1, Managing our environment for sustainability- Solar Energy part 2, Managing our environment for sustainability, Wind Energy, Managing our environment for sustainability- Geothermal, Hydro and Tidal Energy, Sustainable Development and Environment friendly practices ... ..... .202 Credit 03 ..... 262 Credit 03 - Unit 03-01: Waste Management for Sustainable Development, Environment Friendly practices and the use of Environment Friendly products.....262 Credit 03 - Unit 03-02: Live Examples of Environment Friendly Technologies-1, Live Examples of Environment Friendly Technologies 2, Case Studies on environment and society-1, Case Studies on environment and society-2.....294 EVS021 Environmental Sustainability Page 3 Credit 03 - Unit 03-03: Changing Interactions, Environmental Education- An Introduction.....312 Credit 03 - Unit 03-04: Sensitivity towards environment and environmental issues-1, Sensitivity towards environment and environmental issues-2, Awareness through knowledge- part 1, Awareness through knowledge- part 2..... 334 Credit 04 ..... 366 Credit 04 - Unit 04-01: Attitude towards protection of the Environment, Critical thinking, utilization of skills and reflective solutions.....366 Credit 04 - Unit 04-02: Local strategies and innovations in Environmental Protection-

## Document Information

<b>Analyzed document</b>	EVS022 Environmental Chemistry.pdf (D164969343)
<b>Submitted</b>	2023-04-25 08:25:00
<b>Submitted by</b>	prakashbarve
<b>Submitter email</b>	librarian@ycmou.digitaluniversity.ac
<b>Similarity</b>	4%
<b>Analysis address</b>	librarian.ycmou@analysis.orkund.com

## Sources included in the report

<b>W</b>	URL: <a href="https://chem.libretexts.org/Bookshelves/Inorganic_Chemistry/Supplemental_Modules_and_Websites_...">https://chem.libretexts.org/Bookshelves/Inorganic_Chemistry/Supplemental_Modules_and_Websites_...</a> Fetched: 2021-05-28 04:56:14	 <b>9</b>
<b>SA</b>	<b>Chapter 7_Chemistry.docx</b> Document Chapter 7_Chemistry.docx (D159051165)	 <b>1</b>
<b>SA</b>	<b>MESDSC 1.2.pdf</b> Document MESDSC 1.2.pdf (D144418878)	 <b>2</b>
<b>SA</b>	<b>Chapter 7_Chemistry.docx</b> Document Chapter 7_Chemistry.docx (D157616587)	 <b>4</b>
<b>SA</b>	<b>Ankur Soni.docx</b> Document Ankur Soni.docx (D109477965)	 <b>1</b>
<b>W</b>	URL: <a href="https://www.mdpi.com/2073-4433/13/9/1397">https://www.mdpi.com/2073-4433/13/9/1397</a> Fetched: 2023-01-06 16:35:52	 <b>1</b>
<b>SA</b>	<b>Chapter 7_ Environmental Pollution.docx</b> Document Chapter 7_ Environmental Pollution.docx (D143064022)	 <b>4</b>
<b>W</b>	URL: <a href="https://www.researchgate.net/publication/303757639_Selected_Topics_in_Chemistry">https://www.researchgate.net/publication/303757639_Selected_Topics_in_Chemistry</a> Fetched: 2020-10-15 11:25:43	 <b>1</b>
<b>SA</b>	<b>1628258234025.docx</b> Document 1628258234025.docx (D111039869)	 <b>7</b>















## Entire Document









































Email: [director.ast@ycmou.ac.in](mailto:director.ast@ycmou.ac.in) Website: [www.ycmou.ac.in](http://www.ycmou.ac.in) Phone: +91-253-2231473 EVS022 Programs: V135: Dip. in Environmental Science & V136: M.Sc. in Environmental Science Environmental Chemistry Semester 02

## Document Information

<b>Analyzed document</b>	EVS023 Environmental Geosciences & Computer Applications.pdf (D164969389)
<b>Submitted</b>	4/25/2023 8:26:00 AM
<b>Submitted by</b>	prakashbarve
<b>Submitter email</b>	librarian@ycmou.digitaluniversity.ac
<b>Similarity</b>	10%
<b>Analysis address</b>	librarian.ycmou@analysis.arkund.com

## Sources included in the report

<b>W</b>	URL: <a href="https://www.infoplease.com/math-science/space/solar-system/origin-of-earth">https://www.infoplease.com/math-science/space/solar-system/origin-of-earth</a> Fetched: 4/25/2023 8:26:00 AM	 3
<b>W</b>	URL: <a href="https://www.nap.edu/resource/12161/origin_and_evolution_of_earth_final.pdf">https://www.nap.edu/resource/12161/origin_and_evolution_of_earth_final.pdf</a> Fetched: 4/25/2023 8:26:00 AM	 10
<b>W</b>	URL: <a href="https://www.sciencelearn.org.nz/resources/1256-what-is-the-earth-system">https://www.sciencelearn.org.nz/resources/1256-what-is-the-earth-system</a> Fetched: 4/25/2023 8:26:00 AM	 7
<b>SA</b>	<b>MESDSE 1.4.pdf</b> Document MESDSE 1.4.pdf (D144418913)	 6
<b>W</b>	URL: <a href="https://www.nationalgeographic.org/article/earths-systems/">https://www.nationalgeographic.org/article/earths-systems/</a> Fetched: 4/25/2023 8:26:00 AM	 13
<b>SA</b>	<b>Fact-check Alessia Aresi - The CryosphereHydrosphereAtmosphere.docx</b> Document Fact-check Alessia Aresi - The CryosphereHydrosphereAtmosphere.docx (D150455555)	 1
<b>SA</b>	<b>Systems of earth module 1.docx</b> Document Systems of earth module 1.docx (D123969825)	 3
<b>W</b>	URL: <a href="http://www.csun.edu/science/books/sourcebook/chapters/8-organizing/files/earth-systems-interac...">http://www.csun.edu/science/books/sourcebook/chapters/8-organizing/files/earth-systems-interac...</a> Fetched: 4/25/2023 8:26:00 AM	 3
<b>SA</b>	<b>UK SOAS ashwani and praveen.rtf</b> Document UK SOAS ashwani and praveen.rtf (D65693447)	 11
<b>W</b>	URL: <a href="https://alldimensions.fandom.com/wiki/User_blog:A86475342/Earth">https://alldimensions.fandom.com/wiki/User_blog:A86475342/Earth</a> Fetched: 11/2/2021 3:58:04 AM	 4
<b>W</b>	URL: <a href="https://www.tulane.edu/~sanelson/Natural_Disasters/struct&amp;materials.htm">https://www.tulane.edu/~sanelson/Natural_Disasters/struct&amp;materials.htm</a> Fetched: 4/25/2023 8:27:00 AM	 7
<b>W</b>	URL: <a href="https://exampariksha.com/structure-composition-biosphere-geography-study-material-notes/">https://exampariksha.com/structure-composition-biosphere-geography-study-material-notes/</a> Fetched: 4/25/2023 8:27:00 AM	 7
<b>W</b>	URL: <a href="https://portal.tpu.ru/SHARED/a/AMEZHIBOR/disciplines/Psofessional%20English/Tab2/Tab/Hydrosphere.pdf">https://portal.tpu.ru/SHARED/a/AMEZHIBOR/disciplines/Psofessional%20English/Tab2/Tab/Hydrosphere.pdf</a> Fetched: 4/25/2023 8:27:00 AM	 2
<b>W</b>	URL: <a href="http://kiwiscience.com/BookChapters/TraceElementMobility.pdf">http://kiwiscience.com/BookChapters/TraceElementMobility.pdf</a> Fetched: 4/25/2023 8:27:00 AM	 1

	URL: <a href="https://www.pc-progress.com/Documents/Jirka/Trace_Elements-Proofs.PDF">https://www.pc-progress.com/Documents/Jirka/Trace_Elements-Proofs.PDF</a> Fetched: 4/25/2023 8:27:00 AM		5
	URL: <a href="https://environmentalhealth.ucdavis.edu/communities/what-environmental-factors-affect-health">https://environmentalhealth.ucdavis.edu/communities/what-environmental-factors-affect-health</a> Fetched: 4/25/2023 8:27:00 AM		9
	URL: <a href="https://www.med.or.jp/english/pdf/2004_08/351_358.pdf">https://www.med.or.jp/english/pdf/2004_08/351_358.pdf</a> Fetched: 4/25/2023 8:27:00 AM		2
	URL: <a href="https://arupconsult.com/content/trace-minerals">https://arupconsult.com/content/trace-minerals</a> Fetched: 4/25/2023 8:27:00 AM		1
	URL: <a href="https://www.nature.com/articles/s41893-019-0293-3">https://www.nature.com/articles/s41893-019-0293-3</a> Fetched: 4/25/2023 8:27:00 AM		2
	URL: <a href="https://www.livescience.com/27295-volcanoes.html">https://www.livescience.com/27295-volcanoes.html</a> Fetched: 4/25/2023 8:27:00 AM		9
	URL: <a href="http://www.differencebetween.net/science/difference-between-climate-and-biome/">http://www.differencebetween.net/science/difference-between-climate-and-biome/</a> Fetched: 4/25/2023 8:27:00 AM		2
	URL: <a href="https://www.downtoearth.org.in/blog/el-nino-la-nina-and-the-indian-subcontinent-44120">https://www.downtoearth.org.in/blog/el-nino-la-nina-and-the-indian-subcontinent-44120</a> Fetched: 4/25/2023 8:27:00 AM		15
	URL: <a href="http://www.wamis.org/agm/pubs/agm8/Paper-2.pdf">http://www.wamis.org/agm/pubs/agm8/Paper-2.pdf</a> Fetched: 4/25/2023 8:27:00 AM		3
	URL: <a href="https://grindgis.com/remote-sensing/17-applications-of-remote-sensing-in-environmental-science">https://grindgis.com/remote-sensing/17-applications-of-remote-sensing-in-environmental-science</a> Fetched: 4/25/2023 8:27:00 AM		16
	URL: <a href="http://sar.kangwon.ac.kr/etc/rs_note/rsnote/cp1/cp1-1.htm">http://sar.kangwon.ac.kr/etc/rs_note/rsnote/cp1/cp1-1.htm</a> Fetched: 4/25/2023 8:27:00 AM		3
	URL: <a href="https://www.britannica.com/science/electromagnetic-radiation">https://www.britannica.com/science/electromagnetic-radiation</a> Fetched: 4/25/2023 8:27:00 AM		3
	URL: <a href="https://www.jrresolutions.com/our-blog/2020/8/7/what-are-the-different-types-of-aerial-photography">https://www.jrresolutions.com/our-blog/2020/8/7/what-are-the-different-types-of-aerial-photography</a> Fetched: 4/25/2023 8:28:00 AM		11
	URL: <a href="http://etutorials.org/Mobile+devices/mobile+location+services/Part+2+The+Mobile+Location+Serve...">http://etutorials.org/Mobile+devices/mobile+location+services/Part+2+The+Mobile+Location+Serve...</a> Fetched: 4/25/2023 8:28:00 AM		13
	URL: <a href="https://www.omnisci.com/technical-glossary/geodata">https://www.omnisci.com/technical-glossary/geodata</a> Fetched: 4/25/2023 8:28:00 AM		3
			
	URL: <a href="https://grindgis.com/blog/10-importance-of-gis-in-environment">https://grindgis.com/blog/10-importance-of-gis-in-environment</a> Fetched: 4/25/2023 8:28:00 AM		10
	URL: <a href="https://www.tutorialspoint.com/computer_concepts/computer_concepts_introduction_to_computer.htm">https://www.tutorialspoint.com/computer_concepts/computer_concepts_introduction_to_computer.htm</a> Fetched: 4/25/2023 8:28:00 AM		2
	URL: <a href="https://www.takshilalearning.com/computer-awareness-basic-concepts-of-computer/">https://www.takshilalearning.com/computer-awareness-basic-concepts-of-computer/</a> Fetched: 4/25/2023 8:28:00 AM		4
	URL: <a href="https://www.computerhope.com/jargon/h/hardware.htm">https://www.computerhope.com/jargon/h/hardware.htm</a> Fetched: 4/25/2023 8:28:00 AM		5
	URL: <a href="https://bitesizebio.com/43449/7-types-of-software-apps-you-need-in-your-science-life/">https://bitesizebio.com/43449/7-types-of-software-apps-you-need-in-your-science-life/</a> Fetched: 4/25/2023 8:28:00 AM		4











## Document Information

---

<b>Analyzed document</b>	EVS024 Lab Activities on EVS022 & EVS 023.pdf (D164856379)
<b>Submitted</b>	2023-04-24 07:37:00
<b>Submitted by</b>	prakashbarve
<b>Submitter email</b>	librarian@ycmou.digitaluniversity.ac
<b>Similarity</b>	2%
<b>Analysis address</b>	librarian.ycmou@analysis.urkund.com

## Sources included in the report

---

<b>SA</b>	<b>Research paperp1.docx</b> Document Research paperp1.docx (D98243163)		<b>2</b>
<b>SA</b>	<b>COMBINE Chemistry Lab Manual.pdf</b> Document COMBINE Chemistry Lab Manual.pdf (D63679258)		<b>3</b>
<b>SA</b>	<b>13 Soil analysis .docx</b> Document 13 Soil analysis .docx (D90214991)		<b>3</b>
<b>SA</b>	<b>A new approach to inorganic quantitative analysis 978-3-659-93764-4.pdf</b> Document A new approach to inorganic quantitative analysis 978-3-659-93764-4.pdf (D40506474)		<b>3</b>
<b>SA</b>	<b>Env manual.docx</b> Document Env manual.docx (D141893584)		<b>4</b>
<b>SA</b>	<b>M. PADMAVATHI - 023- Chemistry.pdf</b> Document M. PADMAVATHI - 023- Chemistry.pdf (D154033650)		<b>1</b>
<b>SA</b>	<b>Material and Methods 4.pdf</b> Document Material and Methods 4.pdf (D50564050)		<b>1</b>
<b>SA</b>	<b>CHAPTER-4.docx</b> Document CHAPTER-4.docx (D36680781)		<b>1</b>
<b>SA</b>	<b>16. Maaterials and methods.docx</b> Document 16. Maaterials and methods.docx (D84576658)		<b>1</b>
<b>SA</b>	<b>447_Viral_Zoology.pdf</b> Document 447_Viral_Zoology.pdf (D50689849)		<b>1</b>











## Entire Document

---

## Document Information

<b>Analyzed document</b>	EVS031 Env Monitoring and Energy Studies.pdf (D164856403)
<b>Submitted</b>	2023-04-24 07:38:00
<b>Submitted by</b>	prakashbarve
<b>Submitter email</b>	librarian@ycmou.digitaluniversity.ac
<b>Similarity</b>	8%
<b>Analysis address</b>	librarian.ycmou@analysis.arkund.com

## Sources included in the report

<b>W</b>	URL: <a href="https://mopng.gov.in/en/exp-and-prod/production">https://mopng.gov.in/en/exp-and-prod/production</a> Fetched: 2023-04-24 07:38:00	 <b>3</b>
<b>SA</b>	<b>WASTE TO ENERGY POTENTIAL IN THE JABALPUR CITY.docx</b> Document WASTE TO ENERGY POTENTIAL IN THE JABALPUR CITY.docx (D30328122)	 <b>3</b>
<b>SA</b>	<b>EVS 503.pdf</b> Document EVS 503.pdf (D142266340)	 <b>1</b>
<b>SA</b>	<b>SLUTVERSIONEN.pdf</b> Document SLUTVERSIONEN.pdf (D1834469)	 <b>1</b>
<b>SA</b>	<b>Manjussa N. Sarnobbat Ph.D.LIFE-CYCLE ASSESSMENT OF MUNICIPAL SOLID.pdf</b> Document Manjussa N. Sarnobbat Ph.D.LIFE-CYCLE ASSESSMENT OF MUNICIPAL SOLID.pdf (D146073764)	 <b>1</b>
<b>SA</b>	<b>5b14d135639eb_Environmental Impact Assessment (EIA) Waste to Energy Conversions_Version_1.docx</b> Document 5b14d135639eb_Environmental Impact Assessment (EIA) Waste to Energy Conversions_Version_1.docx (D39941906)	 <b>16</b>
<b>SA</b>	<b>Assessment of Methane Emission in Open Dump Site of Jabalpur City Through Flux Box Method.docx</b> Document Assessment of Methane Emission in Open Dump Site of Jabalpur City Through Flux Box Method.docx (D31773410)	 <b>3</b>
<b>W</b>	URL: <a href="https://www.epa.gov/landfills/basic-information-about-landfills">https://www.epa.gov/landfills/basic-information-about-landfills</a> Fetched: 2020-01-28 08:05:37	 <b>2</b>
<b>W</b>	URL: <a href="https://www.epa.gov/lmop/basic-information-about-landfill-gas">https://www.epa.gov/lmop/basic-information-about-landfill-gas</a> Fetched: 2019-10-12 05:04:38	 <b>2</b>
<b>W</b>	URL: <a href="https://www.atsdr.cdc.gov/HAC/landfill/html/ch5.html">https://www.atsdr.cdc.gov/HAC/landfill/html/ch5.html</a> Fetched: 2020-03-12 22:17:58	 <b>26</b>























## Entire Document



















Email: [director.ast@ycmou.ac.in](mailto:director.ast@ycmou.ac.in) Website: [www.ycmou.ac.in](http://www.ycmou.ac.in) Phone: +91-253-2231473 EVS031 V136 M.Sc. [EVS] {2021 Pattern}  
EVS031: Environmental Monitoring and Energy Studies School of Architecture, Science and Technology Yashwantrao Chavan  
Maharashtra Open University









## Document Information

<b>Analyzed document</b>	EVS032 Instrumentation and Lab Techniques.pdf (D164856543)
<b>Submitted</b>	2023-04-24 07:43:00
<b>Submitted by</b>	prakashbarve
<b>Submitter email</b>	librarian@ycmou.digitaluniversity.ac
<b>Similarity</b>	13%
<b>Analysis address</b>	librarian.ycmou@analysis.arkund.com

## Sources included in the report

<b>W</b>	URL: <a href="https://instrumentationtools.com/what-is-instrumentation-and-control-engineering/">https://instrumentationtools.com/what-is-instrumentation-and-control-engineering/</a> Fetched: 2023-04-24 07:44:00	 	<b>4</b>
<b>W</b>	URL: <a href="https://www.oreilly.com/library/view/real-world-instrumentation/9780596809591/ch01.html">https://www.oreilly.com/library/view/real-world-instrumentation/9780596809591/ch01.html</a> Fetched: 2023-04-24 07:44:00	 	<b>1</b>
<b>W</b>	URL: <a href="https://www.srpcontrol.com/the-importance-of-good-instrumentation/">https://www.srpcontrol.com/the-importance-of-good-instrumentation/</a> Fetched: 2023-04-24 07:44:00	 	<b>2</b>
<b>W</b>	URL: <a href="https://automationforum.co/what-is-safety-instrumentation-system/">https://automationforum.co/what-is-safety-instrumentation-system/</a> Fetched: 2023-04-24 07:44:00	 	<b>13</b>
<b>W</b>	URL: <a href="https://www.elprocus.com/different-types-of-electric-motors/">https://www.elprocus.com/different-types-of-electric-motors/</a> Fetched: 2023-04-24 07:44:00	 	<b>4</b>
<b>W</b>	URL: <a href="https://www.engineeringenotes.com/electrical-engineering/electric-motors/characteristics-of-el...">https://www.engineeringenotes.com/electrical-engineering/electric-motors/characteristics-of-el...</a> Fetched: 2023-04-24 07:44:00	 	<b>24</b>
<b>W</b>	URL: <a href="https://www.quincycompressor.com/industrial-air-compressor-preventative-maintenance/">https://www.quincycompressor.com/industrial-air-compressor-preventative-maintenance/</a> Fetched: 2023-04-24 07:44:00	 	<b>8</b>
<b>W</b>	URL: <a href="https://hippocmms.iofficecorp.com/blog/breakdown-maintenance">https://hippocmms.iofficecorp.com/blog/breakdown-maintenance</a> Fetched: 2023-04-24 07:44:00	 	<b>7</b>
<b>W</b>	URL: <a href="https://www.fiixsoftware.com/glossary/breakdown-maintenance/">https://www.fiixsoftware.com/glossary/breakdown-maintenance/</a> Fetched: 2023-04-24 07:44:00	 	<b>2</b>
<b>W</b>	URL: <a href="https://www.britannica.com/technology/drilling-machinery">https://www.britannica.com/technology/drilling-machinery</a> Fetched: 2023-04-24 07:44:00	 	<b>11</b>
<b>W</b>	URL: <a href="https://globalroadtechnology.com/common-tools-and-equipment-used-in-drilling-and-blasting/">https://globalroadtechnology.com/common-tools-and-equipment-used-in-drilling-and-blasting/</a> Fetched: 2023-04-24 07:44:00	 	<b>8</b>

<b>W</b>	URL: <a href="https://www.taropumps.com/sewage-pumps">https://www.taropumps.com/sewage-pumps</a> Fetched: 2023-04-24 07:44:00	 <b>3</b>
<b>W</b>	URL: <a href="https://www.engineeringenotes.com/waste-management/sewage/pumping-of-sewage-necessity-and-prob...">https://www.engineeringenotes.com/waste-management/sewage/pumping-of-sewage-necessity-and-prob...</a> Fetched: 2023-04-24 07:45:00	 <b>46</b>
<b>W</b>	URL: <a href="https://www.nextdayscience.com/vacuum-filtration/">https://www.nextdayscience.com/vacuum-filtration/</a> Fetched: 2023-04-24 07:45:00	 <b>4</b>
<b>W</b>	URL: <a href="https://www.environmentalpollution.in/pollution/regulation-and-monitoring/notes-on-atomic-abso...">https://www.environmentalpollution.in/pollution/regulation-and-monitoring/notes-on-atomic-abso...</a> Fetched: 2023-04-24 07:44:00	 <b>7</b>
<b>W</b>	URL: <a href="https://www.embibe.com/exams/solvent-extraction/">https://www.embibe.com/exams/solvent-extraction/</a> Fetched: 2023-04-24 07:44:00	 <b>4</b>
<b>SA</b>	<b>Bindu- Ph.D. Thesis.docx</b> Document Bindu- Ph.D. Thesis.docx (D30848138)	 <b>9</b>
<b>SA</b>	<b>BANUMATHI THESIS.doc</b> Document BANUMATHI THESIS.doc (D44253256)	 <b>1</b>
<b>SA</b>	<b>satya thesis.docx</b> Document satya thesis.docx (D20083028)	 <b>3</b>
<b>SA</b>	<b>DHINESH_KUMAR_PG_MAJOR_THESIS[1] (2).pdf</b> Document DHINESH_KUMAR_PG_MAJOR_THESIS[1] (2).pdf (D162133712)	 <b>1</b>
<b>SA</b>	<b>R. Sabitha - M.Phil Thesis.pdf</b> Document R. Sabitha - M.Phil Thesis.pdf (D137118947)	 <b>1</b>
<b>W</b>	URL: <a href="https://www.britannica.com/technology/microscope/Confocal-microscopes">https://www.britannica.com/technology/microscope/Confocal-microscopes</a> Fetched: 2023-04-24 07:45:00	 <b>2</b>
<b>W</b>	URL: <a href="https://www.scientifica.uk.com/learning-zone/a-guide-to-phase-contrast#">https://www.scientifica.uk.com/learning-zone/a-guide-to-phase-contrast#</a> Fetched: 2023-04-24 07:45:00	 <b>6</b>
<b>W</b>	URL: <a href="https://www.scimed.co.uk/education/sem-scanning-electron-microscopy/">https://www.scimed.co.uk/education/sem-scanning-electron-microscopy/</a> Fetched: 2023-04-24 07:45:00	 <b>16</b>
<b>W</b>	URL: <a href="https://www.gu.se/en/core-facilities/sem-imaging-techniques">https://www.gu.se/en/core-facilities/sem-imaging-techniques</a> Fetched: 2023-04-24 07:45:00	 <b>8</b>
<b>W</b>	URL: <a href="https://bitesizebio.com/34150/sem-sample-prep/">https://bitesizebio.com/34150/sem-sample-prep/</a> Fetched: 2023-04-24 07:45:00	 <b>5</b>
<b>SA</b>	<b>Pure Feo Green Synthesis(RAMYA II M.Sc physics).pdf</b> Document Pure Feo Green Synthesis(RAMYA II M.Sc physics).pdf (D132773127)	 <b>3</b>
<b>W</b>	URL: <a href="https://www.understandingnano.com/introduction.html">https://www.understandingnano.com/introduction.html</a> Fetched: 2023-04-24 07:45:00	 <b>10</b>
<b>W</b>	URL: <a href="https://www.molecularcloud.org/p/what-are-the-advantages-and-disadvantages-of-nanotechnology">https://www.molecularcloud.org/p/what-are-the-advantages-and-disadvantages-of-nanotechnology</a> Fetched: 2023-04-24 07:45:00	 <b>6</b>

<b>W</b>	URL: <a href="https://synderfiltration.com/nanofiltration/membranes/">https://synderfiltration.com/nanofiltration/membranes/</a> Fetched: 2023-04-24 07:45:00	 2
<b>W</b>	URL: <a href="https://www.nanowerk.com/spotlight/spotid=18846.php">https://www.nanowerk.com/spotlight/spotid=18846.php</a> Fetched: 2023-04-24 07:45:00	 9
<b>W</b>	URL: <a href="https://clu-in.org/techfocus/default.focus/sec/Nanotechnology%253A_Applications_for_Environmen...">https://clu-in.org/techfocus/default.focus/sec/Nanotechnology%253A_Applications_for_Environmen...</a> Fetched: 2023-04-24 07:45:00	 12
<b>W</b>	URL: <a href="https://www.aesarabia.com/nanofiltration-plants/">https://www.aesarabia.com/nanofiltration-plants/</a> Fetched: 2023-04-24 07:45:00	 11
<b>SA</b>	<b>ASHIQ Introduction, materials and methods.pdf</b> Document ASHIQ Introduction, materials and methods.pdf (D142817450)	 2
<b>W</b>	URL: <a href="https://ehs.okstate.edu/general-laboratory-safety-rules.html">https://ehs.okstate.edu/general-laboratory-safety-rules.html</a> Fetched: 2023-04-24 07:45:00	 5
<b>W</b>	URL: <a href="https://ehs.stonybrook.edu/programs/laboratory-safety/laboratory-emergencies/laboratory-emerge...">https://ehs.stonybrook.edu/programs/laboratory-safety/laboratory-emergencies/laboratory-emerge...</a> Fetched: 2023-04-24 07:45:00	 5
<b>W</b>	URL: <a href="https://mlienvironmental.com/blog/laboratory-waste-management-ways-improve-output/">https://mlienvironmental.com/blog/laboratory-waste-management-ways-improve-output/</a> Fetched: 2023-04-24 07:45:00	 2

## Entire Document















ins A S T , Y C M O U , N a s h i k – 4 2 2 2 2 , M H , I n d i a Email: director.ast@ycmou.ac.in Website: www.ycmou.ac.in  
Phone: +91-253-2231473 EVS032 Program: V136: M.Sc. in Environmental Science {2121 Pattern} Instrumentation and  
Lab Techniques Semester 03 School of Architecture, Science and Technology, Yashwantrao Chavan Maharashtra Open  
University

















EVS032 Instrumentation and Lab Techniques Page 2 Yashwantrao Chavan Maharashtra Open University EVS032 Instrumentation and Lab Techniques Brief Contents Vice Chancellor"s Message .....	5
Forward By The Director .....	6
Credit 01 .....	6
Credit 01 –Unit 01-01: Instrumentation - Introduction, scope, use, limitations ,safety.....	7
Credit 01 - Unit 01-02: Study of machinery, electric motors.....	17
Credit 01 - Unit 01-03:Drilling equipment, pumping equipment.....	35
Credit 01 - Unit 01-04: Calorimetry and Spectrophotometry.....	50
Credit 02 .....	116
Credit 02 - Unit 02-01: Microscopy.....	117
Credit 02 - Unit 02-02: Phase contrast,Polarised light, Differential interference contrast, Fluorescence microscopy, Sample preparation and applications.....	136
Credit 02 - Unit 02-03: Introduction to Scanning electron microscopy, Instrumental details and image formation.....	164
Credit 02 - Unit 02-04:Various imaging techniques , Sample preparation and Applications.....	180
Credit 03 .....	193
Credit 03 - Unit 03-01: Nanotechnology.....	194
Credit 03 - Unit 03-02: Nanomaterials.....	206
Credit 03 - Unit 03-03: Environmental Nano Remediation Technology.....	226
Credit 03 - Unit 03-04: Nano Filtration.....	235
Credit 04 .....	254
Credit 04 - Unit 04-01: Laboratory safety.....	255
Credit 04 - Unit 04-02: Personal Protective Equipment [PPE].....	281
Credit 04 - Unit 04-03: Administrative controls.....	297
Credit 04 - Unit 04-04: Response to specific incidents/ accidents.....	309

## Document Information

<b>Analyzed document</b>	EVS033 Environmental Microbiology & Toxicology.pdf (D164856595)
<b>Submitted</b>	4/24/2023 7:46:00 AM
<b>Submitted by</b>	prakashbarve
<b>Submitter email</b>	librarian@ycmou.digitaluniversity.ac
<b>Similarity</b>	15%
<b>Analysis address</b>	librarian.ycmou@analysis.arkund.com

## Sources included in the report

<b>W</b>	URL: <a href="https://microbenotes.com/history-of-microbiology/">https://microbenotes.com/history-of-microbiology/</a> Fetched: 4/24/2023 7:46:00 AM		<b>15</b>
<b>W</b>	URL: <a href="https://fac.ksu.edu.sa/sites/default/files/140_mbio-final_notes.pdf">https://fac.ksu.edu.sa/sites/default/files/140_mbio-final_notes.pdf</a> Fetched: 4/24/2023 7:46:00 AM		<b>5</b>
<b>W</b>	URL: <a href="https://www.thoughtco.com/what-are-prokaryotes-and-eukaryotes-129478">https://www.thoughtco.com/what-are-prokaryotes-and-eukaryotes-129478</a> Fetched: 4/24/2023 7:46:00 AM		<b>1</b>
<b>SA</b>	<b>VMIC 111 Lec manual for ISBN.docx</b> Document VMIC 111 Lec manual for ISBN.docx (D134649717)		<b>3</b>
<b>W</b>	URL: <a href="https://www.biologydiscussion.com/algae/algae-definition-characteristics-and-structure-with-di...">https://www.biologydiscussion.com/algae/algae-definition-characteristics-and-structure-with-di...</a> Fetched: 4/24/2023 7:47:00 AM		<b>14</b>
<b>W</b>	URL: <a href="https://www.daviddarling.info/encyclopedia/D/diatom.html">https://www.daviddarling.info/encyclopedia/D/diatom.html</a> Fetched: 4/24/2023 7:47:00 AM		<b>1</b>
<b>W</b>	URL: <a href="https://commons.wikimedia.org/wiki/File:Red_Algae_on_bleached_coral.JPG">https://commons.wikimedia.org/wiki/File:Red_Algae_on_bleached_coral.JPG</a> Fetched: 4/24/2023 7:47:00 AM		<b>1</b>
<b>W</b>	URL: <a href="http://www.uobabylon.edu.iq/eprints/publication_12_3410_754.pdf">http://www.uobabylon.edu.iq/eprints/publication_12_3410_754.pdf</a> Fetched: 4/24/2023 7:47:00 AM		<b>1</b>
<b>W</b>	URL: <a href="https://www.khanacademy.org/science/ap-biology/cellular-energetics/cellular-respiration-ap/a/f...">https://www.khanacademy.org/science/ap-biology/cellular-energetics/cellular-respiration-ap/a/f...</a> Fetched: 4/24/2023 7:47:00 AM		<b>1</b>
<b>W</b>	URL: <a href="https://courses.lumenlearning.com/microbiology/chapter/photosynthesis/">https://courses.lumenlearning.com/microbiology/chapter/photosynthesis/</a> Fetched: 4/24/2023 7:48:00 AM		<b>2</b>
<b>W</b>	URL: <a href="https://slideplayer.com/slide/11128814/">https://slideplayer.com/slide/11128814/</a> Fetched: 11/17/2021 6:12:57 PM		<b>1</b>
<b>W</b>	URL: <a href="http://textbookofbacteriology.net/growth_2.html">http://textbookofbacteriology.net/growth_2.html</a> Fetched: 4/24/2023 7:48:00 AM		<b>2</b>
<b>W</b>	URL: <a href="https://bio.libretexts.org/@go/page/9186">https://bio.libretexts.org/@go/page/9186</a> Fetched: 4/24/2023 7:48:00 AM		<b>3</b>
<b>W</b>	URL: <a href="https://courses.lumenlearning.com/boundless-microbiology/chapter/counting-bacteria/">https://courses.lumenlearning.com/boundless-microbiology/chapter/counting-bacteria/</a> Fetched: 4/24/2023 7:48:00 AM		<b>8</b>

<b>W</b>	URL: <a href="https://www.uwyo.edu/molb2210_lab/info/biochemical_tests.htm">https://www.uwyo.edu/molb2210_lab/info/biochemical_tests.htm</a> Fetched: 4/24/2023 7:48:00 AM	 25
<b>W</b>	URL: <a href="https://www.biotechnologynotes.com/food-biotechnology/microorganisms-in-food/different-systems...">https://www.biotechnologynotes.com/food-biotechnology/microorganisms-in-food/different-systems...</a> Fetched: 4/24/2023 7:48:00 AM	 5
<b>W</b>	URL: <a href="https://www.onlinebiologynotes.com/microbial-interaction-and-types-mutualism-syntropism-proto-...">https://www.onlinebiologynotes.com/microbial-interaction-and-types-mutualism-syntropism-proto-...</a> Fetched: 4/24/2023 7:48:00 AM	 10
<b>W</b>	URL: <a href="http://eagri.org/eagri50/AMBE101/lec18.html">http://eagri.org/eagri50/AMBE101/lec18.html</a> Fetched: 4/24/2023 7:48:00 AM	 3
<b>W</b>	URL: <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3992016/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3992016/</a> Fetched: 12/20/2019 9:49:27 AM	 1
<b>W</b>	URL: <a href="https://doi.org/10.1007/978-3-030-63575-6_1">https://doi.org/10.1007/978-3-030-63575-6_1</a> Fetched: 4/24/2023 7:48:00 AM	 5
<b>SA</b>	<b>pooja all together for thesis - wo references.pdf</b> Document pooja all together for thesis - wo references.pdf (D160177727)	 2
<b>W</b>	URL: <a href="https://www.ncbi.nlm.nih.gov/books/NBK234164/">https://www.ncbi.nlm.nih.gov/books/NBK234164/</a> Fetched: 4/24/2023 7:48:00 AM	 13
<b>W</b>	URL: <a href="https://www.elprocus.com/what-is-a-biosensor-types-of-biosensors-and-applications/">https://www.elprocus.com/what-is-a-biosensor-types-of-biosensors-and-applications/</a> Fetched: 4/24/2023 7:48:00 AM	 5
<b>W</b>	URL: <a href="https://www.lkouniv.ac.in/site/writereaddata/siteContent/202004061923051615omkar_zool_Bioaccum...">https://www.lkouniv.ac.in/site/writereaddata/siteContent/202004061923051615omkar_zool_Bioaccum...</a> Fetched: 4/24/2023 7:48:00 AM	 7
<b>W</b>	URL: <a href="https://www.lkouniv.ac.in/site/writereaddata/siteContent/202004061923052084omkar_zool_biotrans...">https://www.lkouniv.ac.in/site/writereaddata/siteContent/202004061923052084omkar_zool_biotrans...</a> Fetched: 1/22/2021 8:52:44 AM	 1
<b>SA</b>	<b>Microbiology and toxicology_Original.docx</b> Document Microbiology and toxicology_Original.docx (D154799630)	 6
<b>W</b>	URL: <a href="https://olemiss.edu/courses/phcl675/gentox2.pdf">https://olemiss.edu/courses/phcl675/gentox2.pdf</a> Fetched: 4/24/2023 7:48:00 AM	 1
<b>W</b>	URL: <a href="https://www.news-medical.net/health/What-is-Toxicogenomics.aspx">https://www.news-medical.net/health/What-is-Toxicogenomics.aspx</a> Fetched: 4/24/2023 7:48:00 AM	 8
<b>W</b>	URL: <a href="https://www.news-medical.net/health/What-is-pharmacogenomics.aspx">https://www.news-medical.net/health/What-is-pharmacogenomics.aspx</a> Fetched: 4/24/2023 7:48:00 AM	 5
		
<b>W</b>	URL: <a href="https://www.ilo.org/legacy/english/protection/safework/ghs/ghsfinal/ghsc05.pdf">https://www.ilo.org/legacy/english/protection/safework/ghs/ghsfinal/ghsc05.pdf</a> Fetched: 4/24/2023 7:49:00 AM	7












## Entire Document

EVS033: Environmental Microbiology and Toxicology Page 1 Programmes: V135: Diploma in Environmental Science & V136 M.Sc. Environmental Science A S T, Y C M O U , N a s h i k – 4 2 2 2 2 2 , M H , I n d i a Email: director.ast@ycmou.ac.in Website: www.ycmou.ac.in Phone: +91-253-2231473 EVS033 Semester 03 Programme V136: M.Sc. in Environmental Science Environmental Microbiology and Toxicology Sem 03 School of Architecture, Science and Technology, Yashwantrao Chavan Maharashtra Open University

## Document Information

<b>Analyzed document</b>	EVS034 Lab Activities on EVS 031,EVS032 & EVS 033.pdf (D164857688)
<b>Submitted</b>	4/24/2023 8:11:00 AM
<b>Submitted by</b>	prakashbarve
<b>Submitter email</b>	librarian@ycmou.digitaluniversity.ac
<b>Similarity</b>	9%
<b>Analysis address</b>	librarian.ycmou@analysis.urkund.com

## Sources included in the report













<b>SA</b>	<b>Soil sampling.pdf</b> Document Soil sampling.pdf (D128227508)		<b>4</b>
<b>SA</b>	<b>Chapter 10 Nov 8 .docx</b> Document Chapter 10 Nov 8 .docx (D97923511)		<b>7</b>
<b>SA</b>	<b>document 1 new 8.4.21-c.pdf</b> Document document 1 new 8.4.21-c.pdf (D100963120)		<b>10</b>
<b>SA</b>	<b>Lab Skills- lab skills final RZ 4111.docx</b> Document Lab Skills- lab skills final RZ 4111.docx (D104182571)		<b>1</b>
<b>W</b>	URL: <a href="https://laboratoryinfo.com/gram-staining-principle-procedure-interpretation-and-animation/">https://laboratoryinfo.com/gram-staining-principle-procedure-interpretation-and-animation/</a> Fetched: 4/24/2023 8:12:00 AM		<b>1</b>
<b>W</b>	URL: <a href="https://bio.libretexts.org/Bookshelves/Microbiology/Book%253A_Microbiology_(Bruslind)/10%253A_...">https://bio.libretexts.org/Bookshelves/Microbiology/Book%253A_Microbiology_(Bruslind)/10%253A_...</a> Fetched: 4/24/2023 8:12:00 AM		<b>12</b>
<b>W</b>	URL: <a href="https://egyankosh.ac.in/bitstream/123456789/12041/1/Experiment-4.pdf">https://egyankosh.ac.in/bitstream/123456789/12041/1/Experiment-4.pdf</a> Fetched: 4/24/2023 8:12:00 AM		<b>4</b>
<b>W</b>	URL: <a href="https://doi.org/10.3390/foods7010005">https://doi.org/10.3390/foods7010005</a> Fetched: 4/24/2023 8:13:00 AM		<b>4</b>
<b>W</b>	URL: <a href="https://www.epa.gov/scram/air-quality-dispersion-modeling">https://www.epa.gov/scram/air-quality-dispersion-modeling</a> Fetched: 4/24/2023 8:12:00 AM		<b>1</b>
<b>W</b>	URL: <a href="https://www.ncbi.nlm.nih.gov/books/NBK10209/">https://www.ncbi.nlm.nih.gov/books/NBK10209/</a> Fetched: 4/24/2023 8:13:00 AM		<b>7</b>
<b>W</b>	URL: <a href="https://doi.org/10.1186/s13068-021-02006-9">https://doi.org/10.1186/s13068-021-02006-9</a> Fetched: 4/24/2023 8:13:00 AM		<b>2</b>


















## Entire Document











## Document Information

<b>Analyzed document</b>	EVS041_Sustainable Management of Biodiversity.pdf (D164857738)
<b>Submitted</b>	4/24/2023 8:14:00 AM
<b>Submitted by</b>	prakashbarve
<b>Submitter email</b>	librarian@ycmou.digitaluniversity.ac
<b>Similarity</b>	16%
<b>Analysis address</b>	librarian.ycmou@analysis.arkund.com

## Sources included in the report

<b>W</b>	URL: <a href="https://www.amnh.org/research/center-for-biodiversity-conservation/what-is-biodiversity">https://www.amnh.org/research/center-for-biodiversity-conservation/what-is-biodiversity</a> Fetched: 11/29/2020 6:05:19 PM	 7
<b>SA</b>	<b>Biodiversity (1) (1).pdf</b> Document Biodiversity (1) (1).pdf (D161664678)	 3
<b>SA</b>	<b>Biodiversity Manual.docx</b> Document Biodiversity Manual.docx (D84737338)	 21
<b>SA</b>	<b>Biodiversitychapter.docx</b> Document Biodiversitychapter.docx (D20572933)	 3
<b>SA</b>	<b>SONALIKA.docx</b> Document SONALIKA.docx (D136582620)	 12
<b>W</b>	URL: <a href="https://profilelogin.admissione.online/UploadFiles/Documents/ProfileLgoin/Subtitle/NColge_1372...">https://profilelogin.admissione.online/UploadFiles/Documents/ProfileLgoin/Subtitle/NColge_1372...</a> Fetched: 10/4/2021 8:44:03 PM	 4
<b>SA</b>	<b>Ex-4_Biodiversity Conservation in India_Diagonal Hech Hech-1.pdf</b> Document Ex-4_Biodiversity Conservation in India_Diagonal Hech Hech-1.pdf (D154873695)	 9
<b>W</b>	URL: <a href="https://www.thehansindia.com/posts/index/Hans/2017-05-24/Conservation-of-Biodiversity/302161">https://www.thehansindia.com/posts/index/Hans/2017-05-24/Conservation-of-Biodiversity/302161</a> Fetched: 10/1/2021 3:13:19 PM	 4
<b>SA</b>	<b>Chapter 1 Biodiversity.doc</b> Document Chapter 1 Biodiversity.doc (D27810351)	 1
<b>SA</b>	<b>A Study of The Legal Framework for Conservation of Biological Diversity In India.docx</b> Document A Study of The Legal Framework for Conservation of Biological Diversity In India.docx (D46203054)	 13
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Biodiversity">https://en.wikipedia.org/wiki/Biodiversity</a> Fetched: 4/24/2023 8:14:00 AM	 8
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Wetland">https://en.wikipedia.org/wiki/Wetland</a> Fetched: 4/24/2023 8:14:00 AM	 28

<b>SA</b>	<b>PC MZO 2.7 WIILDLIFE and BIODIVERSITY 21.12.22 - Copy.pdf</b> Document PC MZO 2.7 WIILDLIFE and BIODIVERSITY 21.12.22 - Copy.pdf (D154684015)	 21
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Genetic_resources">https://en.wikipedia.org/wiki/Genetic_resources</a> Fetched: 4/24/2023 8:14:00 AM	 1
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Animal_genetic_resources_for_food_and_agriculture">https://en.wikipedia.org/wiki/Animal_genetic_resources_for_food_and_agriculture</a> Fetched: 4/24/2023 8:14:00 AM	 1
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Germplasm">https://en.wikipedia.org/wiki/Germplasm</a> Fetched: 4/24/2023 8:14:00 AM	 1
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Agricultural_biodiversity">https://en.wikipedia.org/wiki/Agricultural_biodiversity</a> Fetched: 4/24/2023 8:14:00 AM	 1
<b>SA</b>	<b>MEVE_019_Block_2_UNIT 5_Threats to Biodiversity.docx</b> Document MEVE_019_Block_2_UNIT 5_Threats to Biodiversity.docx (D121082601)	 7
<b>SA</b>	<b>UNIT 4.docx</b> Document UNIT 4.docx (D40200121)	 1
<b>SA</b>	<b>XII Chapter 15.pdf</b> Document XII Chapter 15.pdf (D115094733)	 1
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Biodiversity_loss">https://en.wikipedia.org/wiki/Biodiversity_loss</a> Fetched: 4/24/2023 8:14:00 AM	 12
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Biodiversity_hotspot">https://en.wikipedia.org/wiki/Biodiversity_hotspot</a> Fetched: 12/4/2019 7:56:32 AM	 2
<b>W</b>	URL: <a href="https://byjus.com/free-ias-prep/biodiversity/">https://byjus.com/free-ias-prep/biodiversity/</a> Fetched: 11/28/2020 10:22:22 AM	 9
<b>W</b>	URL: <a href="https://www.conservation.org/priorities/biodiversity-hotspots">https://www.conservation.org/priorities/biodiversity-hotspots</a> Fetched: 3/11/2020 11:34:59 AM	 3
<b>W</b>	URL: <a href="https://www.nationalgeographic.org/encyclopedia/biodiversity-hotspots/">https://www.nationalgeographic.org/encyclopedia/biodiversity-hotspots/</a> Fetched: 11/12/2020 6:37:34 AM	 1
<b>SA</b>	<b>Environmental Studies Block 2.docx</b> Document Environmental Studies Block 2.docx (D143240618)	 2
<b>W</b>	URL: <a href="https://www.who.int/news-room/fact-sheets/detail/biodiversity-and-health">https://www.who.int/news-room/fact-sheets/detail/biodiversity-and-health</a> Fetched: 11/14/2020 11:11:54 PM	 4
<b>SA</b>	<b>threats for biodiversityobj 2 sent5 - Rathin-5.docx</b> Document threats for biodiversityobj 2 sent5 - Rathin-5.docx (D51518881)	 1
<b>SA</b>	<b>Chapter 1-F.docx</b> Document Chapter 1-F.docx (D144842854)	 2

				
<b>SA</b>	<b>DIWT-12 Indian Biodiversity and its conservational values.pdf</b>	Document DIWT-12 Indian Biodiversity and its conservational values.pdf (D118997057)		<b>4</b>
<b>W</b>	URL: <a href="https://cdn1.byjus.com/wp-content/uploads/2019/04/Tamilnadu-Board-Class-12-Zoology-Chapter-12.pdf">https://cdn1.byjus.com/wp-content/uploads/2019/04/Tamilnadu-Board-Class-12-Zoology-Chapter-12.pdf</a>	Chapter-12.pdf		<b>6</b>
		Fetches: 2/22/2023 6:04:07 AM		
<b>SA</b>	<b>UNIT4_Biodiversity_ENV_Book.docx</b>	Document UNIT4_Biodiversity_ENV_Book.docx (D139550587)		<b>1</b>
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Sustainable_forest_management">https://en.wikipedia.org/wiki/Sustainable_forest_management</a>			<b>3</b>
		Fetches: 4/24/2023 8:14:00 AM		
<b>W</b>	URL: <a href="https://www.iucn.org/news/commission-environmental-economic-and-social-policy/202105/community...">https://www.iucn.org/news/commission-environmental-economic-and-social-policy/202105/community...</a>			<b>1</b>
		Fetches: 10/31/2021 3:56:53 AM		
<b>SA</b>	<b>XII Chapter 15.pdf</b>	Document XII Chapter 15.pdf (D114479081)		<b>1</b>
<b>W</b>	URL: <a href="https://www.cbd.int/development/doc/biodiversity-2030-agenda-technical-note-en.pdf">https://www.cbd.int/development/doc/biodiversity-2030-agenda-technical-note-en.pdf</a>			<b>30</b>
		Fetches: 11/19/2020 9:01:40 PM		
<b>SA</b>	<b>IJIFR-V5-E1-016 Biodiversity.pdf</b>	Document IJIFR-V5-E1-016 Biodiversity.pdf (D111325886)		<b>1</b>
<b>W</b>	URL: <a href="https://www.cbd.int/sp/targets/">https://www.cbd.int/sp/targets/</a>			<b>1</b>
		Fetches: 11/17/2020 12:24:29 PM		
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Food_security">https://en.wikipedia.org/wiki/Food_security</a>			<b>1</b>
		Fetches: 4/24/2023 8:14:00 AM		














## Entire Document














A S T , Y C M O U , N a s h i k – 4 2 2 2 2 , M H , I n d i a Email: director.ast@ycmou.ac.in Website: www.ycmou.ac.in Phone: +91-253-2231473 EVS041 V136: M.Sc. (EVS) {2021 Pattern} Sustainable Management of Biodiversity Sem 04 SCHOOL OF ARCHITECTURE , SCIENCE AND TECHNOLOGY YASHWANTRAO CHAVAN MAHARASHTRA OPEN UNIVERSITY  
EVS041: Sustainable Management of Biodiversity Page 1 Yashwantrao Chavan Maharashtra Open University EVS041 – Sustainable Management of Biodiversity Brief Contents Content Page No. Vice Chancellor’s Message 04 Forward By The Director 05 Credit 01 06 Unit 01 – Prelude to Biodiversity 07 Unit 02 – Biodiversity of India 16 Unit 03 – Forest Biodiversity 34 Unit 04 – Wetland Biodiversity 43 Credit 02 52 Unit 01 – Genetic Resources 53 Unit 02 – Agro biodiversity 64 Unit 03 – Animal Genetic Resources 73 Unit 04 – Germplasm of Biodiversity 87 Credit 03 105 Unit 01 – Divers of Biodiversity Loss 106 Unit 02 – Biodiversity Hotspot 115 Unit 03 – Climate Change 131 Unit 04 – Biodiversity Loss 143 Credit 04 157 Unit 01 – Biodiversity conservation and Sustainable management 158 Unit 02 – Sustainable Management of Biodiversity 171 Unit 03 – International Instruments to conserve Biological Diversity 182 Unit 04 – National Instruments to conserve Biological Diversity 196 Feedback Sheet for the Student 207

## Document Information

<b>Analyzed document</b>	EVS042_ Statistical Approaches and Modelling in Environmental Sciences.pdf (D164857790)
<b>Submitted</b>	4/24/2023 8:15:00 AM
<b>Submitted by</b>	prakashbarve
<b>Submitter email</b>	librarian@ycmou.digitaluniversity.ac
<b>Similarity</b>	10%
<b>Analysis address</b>	librarian.ycmou@analysis.arkund.com

## Sources included in the report

<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Statistics">https://en.wikipedia.org/wiki/Statistics</a> Fetched: 4/24/2023 8:15:00 AM	 <b>6</b>
<b>SA</b>	<b>MSE 6103- Statistics for Decision Making.pdf</b> Document MSE 6103- Statistics for Decision Making.pdf (D142534335)	 <b>3</b>
<b>SA</b>	<b>MGEOSE-21 All.pdf</b> Document MGEOSE-21 All.pdf (D133850205)	 <b>2</b>
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Quartile_coefficient_of_dispersion#:~:text=In%20statistics%252C%...">https://en.wikipedia.org/wiki/Quartile_coefficient_of_dispersion#:~:text=In%20statistics%252C%...</a> Fetched: 4/24/2023 8:15:00 AM	 <b>5</b>
<b>SA</b>	<b>Bhargav Revankar.docx</b> Document Bhargav Revankar.docx (D152582726)	 <b>1</b>
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Deviation_(statistics)">https://en.wikipedia.org/wiki/Deviation_(statistics)</a> Fetched: 4/24/2023 8:15:00 AM	 <b>4</b>
<b>W</b>	URL: <a href="https://epdf.pub/the-britannica-guide-to-statistics-and-probability.html">https://epdf.pub/the-britannica-guide-to-statistics-and-probability.html</a> Fetched: 11/9/2021 10:29:52 AM	 <b>1</b>
<b>SA</b>	<b>module 9.doc</b> Document module 9.doc (D111172954)	 <b>1</b>
<b>W</b>	URL: <a href="https://www.cuemath.com/data/events-in-probability/">https://www.cuemath.com/data/events-in-probability/</a> Fetched: 4/24/2023 8:15:00 AM	 <b>10</b>
<b>SA</b>	<b>ODL-BUSINESS STATISTICS-SLM(new).docx</b> Document ODL-BUSINESS STATISTICS-SLM(new).docx (D162486865)	 <b>2</b>
<b>SA</b>	<b>Statistics For Business Decision.pdf</b> Document Statistics For Business Decision.pdf (D143717959)	 <b>2</b>
<b>SA</b>	<b>PC MBT 1.7 BIOSTATISTICS 23.05.22.docx.pdf</b> Document PC MBT 1.7 BIOSTATISTICS 23.05.22.docx.pdf (D137635301)	 <b>6</b>
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Median#:~:text=The%20median%20of%20a%20symmetric%20distribution%...">https://en.wikipedia.org/wiki/Median#:~:text=The%20median%20of%20a%20symmetric%20distribution%...</a> Fetched: 4/24/2023 8:15:00 AM	 <b>1</b>

<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Correlation">https://en.wikipedia.org/wiki/Correlation</a> Fetched: 4/24/2023 8:15:00 AM	 <b>3</b>
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Correlation_coefficient">https://en.wikipedia.org/wiki/Correlation_coefficient</a> Fetched: 4/24/2023 8:15:00 AM	 <b>7</b>
<b>W</b>	URL: <a href="https://www.embibe.com/exams/methods-of-studying-correlation/">https://www.embibe.com/exams/methods-of-studying-correlation/</a> Fetched: 4/24/2023 8:15:00 AM	 <b>9</b>
<b>W</b>	URL: <a href="https://www.investopedia.com/terms/r/regression.asp#:~:text=Regression%20is%20a%20statistical%...">https://www.investopedia.com/terms/r/regression.asp#:~:text=Regression%20is%20a%20statistical%...</a> Fetched: 4/24/2023 8:15:00 AM	 <b>7</b>
<b>W</b>	URL: <a href="https://www.tutorhelpdesk.com/homeworkhelp/Statistics-/Uses-Of-Regression-Analysis-Assignment-...">https://www.tutorhelpdesk.com/homeworkhelp/Statistics-/Uses-Of-Regression-Analysis-Assignment-...</a> Fetched: 4/24/2023 8:16:00 AM	 <b>2</b>
<b>SA</b>	<b>Sambalpur-BBA-SEM-I-Statistics For Business Decisions.pdf</b> Document Sambalpur-BBA-SEM-I-Statistics For Business Decisions.pdf (D156210011)	 <b>1</b>
<b>W</b>	URL: <a href="https://www.investopedia.com/terms/h/hypothesistesting.asp#:~:text=Key%20Takeaways,of%20the%20...">https://www.investopedia.com/terms/h/hypothesistesting.asp#:~:text=Key%20Takeaways,of%20the%20...</a> Fetched: 4/24/2023 8:16:00 AM	 <b>4</b>
<b>W</b>	URL: <a href="https://pubrica.com/academy/concepts-definitions/types-of-statistical-hypothesis/">https://pubrica.com/academy/concepts-definitions/types-of-statistical-hypothesis/</a> Fetched: 4/24/2023 8:16:00 AM	 <b>3</b>
<b>W</b>	URL: <a href="https://analyse-it.com/docs/user-guide/compare-groups/equality-mean-median-hypothesis-test">https://analyse-it.com/docs/user-guide/compare-groups/equality-mean-median-hypothesis-test</a> Fetched: 4/24/2023 8:15:00 AM	 <b>3</b>
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Chemical_transport_model">https://en.wikipedia.org/wiki/Chemical_transport_model</a> Fetched: 4/24/2023 8:16:00 AM	 <b>8</b>
<b>W</b>	URL: <a href="http://irina.eas.gatech.edu/ATOC3500_Fall1998/Lecture29.pdf">http://irina.eas.gatech.edu/ATOC3500_Fall1998/Lecture29.pdf</a> Fetched: 4/24/2023 8:16:00 AM	 <b>14</b>
<b>SA</b>	<b>rekha dubey_ch1_maths.docx</b> Document rekha dubey_ch1_maths.docx (D149205130)	 <b>2</b>
<b>SA</b>	<b>Term paper on Air Quality Modelling.docx</b> Document Term paper on Air Quality Modelling.docx (D57812129)	 <b>1</b>















### Entire Document





















ins A S T , Y C M O U , N a s h i k – 4 2 2 2 2 2 , M H , I n d i a Email: director.ast@ycmou.ac.in Website: www.ycmou.ac.in Phone: +91-253-2231473 EVS042 Program: V136: M.Sc. in Environmental Science (2021 Pattern) Statistical Approaches and Modelling in Environmental Sciences Semester 04 School of Architecture, Science and Technology, Yashwantrao Chavan Maharashtra Open University

















## Document Information

<b>Analyzed document</b>	EVS043_ Environmental Issues and Human Health.pdf (D164857977)
<b>Submitted</b>	2023-04-24 08:19:00
<b>Submitted by</b>	prakashbarve
<b>Submitter email</b>	librarian@ycmou.digitaluniversity.ac
<b>Similarity</b>	11%
<b>Analysis address</b>	librarian.ycmou@analysis.arkund.com

## Sources included in the report

<b>SA</b>	<b>3_Main Text.docx</b> Document 3_Main Text.docx (D116043084)		<b>1</b>
<b>SA</b>	<b>resubmit_deyprince60@gmail.com.docx</b> Document resubmit_deyprince60@gmail.com.docx (D154536251)		<b>16</b>
<b>SA</b>	<b>swety.docx</b> Document swety.docx (D157072081)		<b>8</b>
<b>SA</b>	<b>ispitahore@gmail.com.doc</b> Document ispitahore@gmail.com.doc (D153749837)		<b>3</b>
<b>W</b>	URL: <a href="https://teacher.co.ke/wp-content/uploads/bsk-pdf-manager/2020/04/EHS-405-ENVIRONMENTAL-TOXICOL...">https://teacher.co.ke/wp-content/uploads/bsk-pdf-manager/2020/04/EHS-405-ENVIRONMENTAL-TOXICOL...</a> Fetched: 2021-06-29 10:00:43		<b>9</b>
<b>W</b>	URL: <a href="https://www.yourarticlelibrary.com/essay/pollutants-definition-and-classification-of-pollutant...">https://www.yourarticlelibrary.com/essay/pollutants-definition-and-classification-of-pollutant...</a> Fetched: 2023-04-24 08:19:00		<b>2</b>
<b>W</b>	URL: <a href="https://www.ncbi.nlm.nih.gov/books/NBK218142/#:~:text=The%20movement%20of%20pollutants%20in,us...">https://www.ncbi.nlm.nih.gov/books/NBK218142/#:~:text=The%20movement%20of%20pollutants%20in,us...</a> Fetched: 2023-04-24 08:19:00		<b>2</b>
<b>W</b>	URL: <a href="https://www.mass.gov/doc/health-environmental-effects-of-air-pollution/download">https://www.mass.gov/doc/health-environmental-effects-of-air-pollution/download</a> Fetched: 2023-04-24 08:19:00		<b>8</b>
<b>W</b>	URL: <a href="https://edinburghsensors.com/news-and-events/air-sampling-techniques/">https://edinburghsensors.com/news-and-events/air-sampling-techniques/</a> Fetched: 2023-04-24 08:19:00		<b>13</b>
<b>W</b>	URL: <a href="https://airquality.gov.wales/about-air-quality/monitoring/monitoring-methodologies">https://airquality.gov.wales/about-air-quality/monitoring/monitoring-methodologies</a> Fetched: 2023-04-24 08:19:00		<b>8</b>
<b>W</b>	URL: <a href="https://www.qld.gov.au/environment/management/monitoring/air/air-monitoring/measuring/samplers">https://www.qld.gov.au/environment/management/monitoring/air/air-monitoring/measuring/samplers</a> Fetched: 2023-04-24 08:19:00		<b>8</b>
<b>W</b>	URL: <a href="https://www.yourarticlelibrary.com/speech/noise-pollution-definition-sources-and-effects-of-no...">https://www.yourarticlelibrary.com/speech/noise-pollution-definition-sources-and-effects-of-no...</a> Fetched: 2023-04-24 08:19:00		<b>4</b>
<b>W</b>	URL: <a href="https://www.cirrusresearch.co.uk/blog/2020/04/4-different-types-noise/">https://www.cirrusresearch.co.uk/blog/2020/04/4-different-types-noise/</a> Fetched: 2023-04-24 08:19:00		<b>5</b>
<b>W</b>	URL: <a href="https://www.intechopen.com/chapters/75066">https://www.intechopen.com/chapters/75066</a> Fetched: 2023-04-24 08:19:00		<b>5</b>

<b>SA</b>	<b>UNIT 5.docx</b> Document UNIT 5.docx (D40202559)		1
<b>SA</b>	<b>Priyam Das.docx</b> Document Priyam Das.docx (D151914993)		10
<b>W</b>	URL: <a href="https://www.ppsthane.com/blog/how-to-reduce-noise-pollution">https://www.ppsthane.com/blog/how-to-reduce-noise-pollution</a> Fetched: 2023-04-24 08:19:00		2
<b>W</b>	URL: <a href="https://gcwgandhinagar.com/econtent/document/15876178200EVSAECC01_Noise%20pollution.pdf">https://gcwgandhinagar.com/econtent/document/15876178200EVSAECC01_Noise%20pollution.pdf</a> Fetched: 2023-04-24 08:19:00		6
<b>SA</b>	<b>pooja.arora200893@gmail.com.docx</b> Document pooja.arora200893@gmail.com.docx (D141822321)		1
<b>SA</b>	<b>08_chapter3.pdf</b> Document 08_chapter3.pdf (D37432374)		2
<b>W</b>	URL: <a href="https://www.britannica.com/science/water-pollution">https://www.britannica.com/science/water-pollution</a> Fetched: 2023-04-24 08:19:00		5
<b>SA</b>	<b>mahbubahmedmazumder@gmail.com.doc</b> Document mahbubahmedmazumder@gmail.com.doc (D154417959)		9
<b>W</b>	URL: <a href="http://ecoursesonline.iasri.res.in/mod/page/view.php?id=7070">http://ecoursesonline.iasri.res.in/mod/page/view.php?id=7070</a> Fetched: 2023-04-24 08:19:00		4
<b>W</b>	URL: <a href="https://scetcivil.weebly.com/uploads/5/3/9/5/5395830/m8_l10-classification_of_water_pollutants.pdf">https://scetcivil.weebly.com/uploads/5/3/9/5/5395830/m8_l10-classification_of_water_pollutants.pdf</a> Fetched: 2023-04-24 08:19:00		7
<b>W</b>	URL: <a href="https://www.duhslibrary.ac.in/Content/747_28_1493709948ePG_EH21_Q1-MS.pdf">https://www.duhslibrary.ac.in/Content/747_28_1493709948ePG_EH21_Q1-MS.pdf</a> Fetched: 2022-05-08 16:24:42		8
<b>W</b>	URL: <a href="https://drinkheartwater.com/blog/surface-water-pollution">https://drinkheartwater.com/blog/surface-water-pollution</a> Fetched: 2023-04-24 08:20:00		11
<b>W</b>	URL: <a href="https://www.nrdc.org/stories/water-pollution-everything-you-need-know">https://www.nrdc.org/stories/water-pollution-everything-you-need-know</a> Fetched: 2023-04-24 08:20:00		1
<b>W</b>	URL: <a href="https://www.environmentalpollutioncenters.org/soil/">https://www.environmentalpollutioncenters.org/soil/</a> Fetched: 2023-04-24 08:20:00		1
<b>SA</b>	<b>26.09.2022 EVS Book.pdf</b> Document 26.09.2022 EVS Book.pdf (D144859706)		9
			
<b>W</b>	URL: <a href="https://www.vedantu.com/chemistry/soil-pollution">https://www.vedantu.com/chemistry/soil-pollution</a> Fetched: 2023-04-24 08:20:00		2
<b>W</b>	URL: <a href="https://www.fao.org/fao-stories/article/en/c/1126974/">https://www.fao.org/fao-stories/article/en/c/1126974/</a> Fetched: 2023-04-24 08:20:00		9
<b>W</b>	URL: <a href="https://www.biologydiscussion.com/soil/pollutants/impact-of-soil-pollutants-on-soil-biota-vege...">https://www.biologydiscussion.com/soil/pollutants/impact-of-soil-pollutants-on-soil-biota-vege...</a> Fetched: 2023-04-24 08:20:00		2
<b>W</b>	URL: <a href="https://www.environmentalpollutioncenters.org/radiation/">https://www.environmentalpollutioncenters.org/radiation/</a> Fetched: 2023-04-24 08:20:00		1
<b>W</b>	URL: <a href="https://ehs.stanford.edu/manual/radiation-protection-guidance-hospital-staff/types-radiation-e...">https://ehs.stanford.edu/manual/radiation-protection-guidance-hospital-staff/types-radiation-e...</a> Fetched: 2023-04-24 08:20:00		8

<b>W</b>	URL: <a href="https://radioecology-exchange.org/sites/default/files/EFFECTS_hinton_v2.pdf">https://radioecology-exchange.org/sites/default/files/EFFECTS_hinton_v2.pdf</a> Fetched: 2023-04-24 08:20:00		<b>31</b>
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Radioactive_contamination#:~:text=Surface%20contamination,-Surfa...">https://en.wikipedia.org/wiki/Radioactive_contamination#:~:text=Surface%20contamination,-Surfa...</a> Fetched: 2022-03-23 10:58:23		<b>2</b>
<b>W</b>	URL: <a href="https://www.yourarticlelibrary.com/pollution/radiation-pollution-4-control-measures-of-radiati...">https://www.yourarticlelibrary.com/pollution/radiation-pollution-4-control-measures-of-radiati...</a> Fetched: 2023-04-24 08:20:00		<b>10</b>
<b>W</b>	URL: <a href="https://humanhealth.iaea.org/HHW/RadiationOncology/RadiationBiology/Biological_Dosimetry/index.html">https://humanhealth.iaea.org/HHW/RadiationOncology/RadiationBiology/Biological_Dosimetry/index.html</a> Fetched: 2023-04-24 08:20:00		<b>2</b>
<b>W</b>	URL: <a href="https://www.bfs.de/EN/topics/ion/service/dosimetry/biological-dosimetry/biological-dosimetry.html">https://www.bfs.de/EN/topics/ion/service/dosimetry/biological-dosimetry/biological-dosimetry.html</a> Fetched: 2023-04-24 08:20:00		<b>12</b>
<b>W</b>	URL: <a href="https://www.iberdrola.com/sustainability/most-important-environmental-issues">https://www.iberdrola.com/sustainability/most-important-environmental-issues</a> Fetched: 2023-04-24 08:20:00		<b>10</b>
<b>W</b>	URL: <a href="https://www.un.org/en/desa/population-growth-environmental-degradation-and-climate-change">https://www.un.org/en/desa/population-growth-environmental-degradation-and-climate-change</a> Fetched: 2023-04-24 08:20:00		<b>6</b>
<b>W</b>	URL: <a href="https://uk-air.defra.gov.uk/research/ozone-uv/ozone-depletion">https://uk-air.defra.gov.uk/research/ozone-uv/ozone-depletion</a> Fetched: 2023-04-24 08:20:00		<b>2</b>
<b>W</b>	URL: <a href="https://publichealth.tulane.edu/blog/environmental-toxins/">https://publichealth.tulane.edu/blog/environmental-toxins/</a> Fetched: 2023-04-24 08:20:00		<b>26</b>
<b>W</b>	URL: <a href="https://accessmedicine.mhmedical.com/content.aspx?bookid=3065&amp;ionid=255657669">https://accessmedicine.mhmedical.com/content.aspx?bookid=3065&amp;ionid=255657669</a> Fetched: 2023-04-24 08:20:00		<b>4</b>
<b>W</b>	URL: <a href="https://www.clientearth.org/latest/latest-updates/stories/what-are-environmental-principles/">https://www.clientearth.org/latest/latest-updates/stories/what-are-environmental-principles/</a> Fetched: 2023-04-24 08:20:00		<b>6</b>
<b>W</b>	URL: <a href="https://www.safetyworksmaine.gov/safe_workplace/safety_management/">https://www.safetyworksmaine.gov/safe_workplace/safety_management/</a> Fetched: 2023-04-24 08:20:00		<b>9</b>
<b>W</b>	URL: <a href="https://www.britannica.com/science/epidemiology/Sources-of-epidemiological-data">https://www.britannica.com/science/epidemiology/Sources-of-epidemiological-data</a> Fetched: 2023-04-24 08:20:00		<b>12</b>
			
<b>W</b>	URL: <a href="https://education.nationalgeographic.org/resource/demography">https://education.nationalgeographic.org/resource/demography</a> Fetched: 2023-04-24 08:20:00		<b>1</b>
<b>W</b>	URL: <a href="https://enveurope.springeropen.com/articles/10.1186/s12302-020-0288-8">https://enveurope.springeropen.com/articles/10.1186/s12302-020-0288-8</a> Fetched: 2023-04-24 08:20:00		<b>8</b>
<b>W</b>	URL: <a href="https://health.ucdavis.edu/medresearch/safety/Documents/Documents2020/3.15_Radiation_Hazards_0...">https://health.ucdavis.edu/medresearch/safety/Documents/Documents2020/3.15_Radiation_Hazards_0...</a> Fetched: 2023-04-24 08:20:00		<b>5</b>

## Entire Document

A S T , Y C M O U , N a s h i k – 4 2 2 2 2 2 , M H , I n d i a Email: [director.ast@ycmou.ac.in](mailto:director.ast@ycmou.ac.in) Website: [www.ycmou.ac.in](http://www.ycmou.ac.in) Phone: +91-253-2231473 EVS043 Prog:V13 6 M.Sc. (Env.Sci.) {2021 Pattern} Environmental Issues and Human Health Sem 04 School of Architecture, Science and Technology Yashwantrao Chavan Maharashtra Open University