



### List of New Course(s) Introduced

**Department** : **Anthropology & Tribal Development**

**Programme Name** : **B.A./B.Sc.**

**Academic Year** : **2021-22**

### List of New Course(s) Introduced

Sr. No.	Course Code	Name of the Course
1.	AAUCTL3/ASUCTL3	Statistical Package for Social Science in Bio-Social Sciences
2.	AAUCLL3/ASUCLL3	Practical in Statistical Package for Social Science in Bio-Social Sciences
3.	LSAAUBTA02/LSASUBT A02	Anthropology of Disaster Management (T)
4.	LSAAUBSECPA02/LSAS UBPA02	Anthropology of Disaster Management (P)
5.	LS/ANT/SEC/301 T	Tourism Anthropology (T)
6.	LS/ANT/SEC/301 P	Tourism Anthropology (P)
7.	LSAAUBTA02/LSASUBT A02	Environmental Anthropology
8.	LSAAU05TCE01//LSAB U05TCE01	Human Genetics
9.	LSAAU05LCE01/LSABU 05LCE01	Practical in Human Genetics



**Minutes of Meetings (MoM) of Board of Studies (BoS)**

**Academic Year : 2021-22**

**School : School of Life Sciences**

**Department : Anthropology and Tribal Development**

**Date and Time : 26-10-2021 - 11:30 AM**

**Venue : Online mode**

Department of Anthropology and Tribal Development

Sub: Minutes of the BoS meeting for BA/B.Sc and MA and M.Sc syllabus.

The BoS approved CBCS based BA/B.Sc and CBCS based MA and M.Sc syllabus are submitted for onward action. The BoS of the department was organised on 26.10.2021 through online mode. The HVC nominee joined online and gave couple of feedback as per the CBCS needs to improve the existing syllabus. Accordingly, the syllabus were revised and approved in the BoS of the department

A.R. (Acad)

*Nilakanth*  
26/10/21  
Anthropology

Members:

1. Prof Jagannath Das  
Prof of Anthropology  
Utkal University  
Bhubaneswar  
Odisha  
HVC Nominee
2. Mr. Balaram Oraon  
Assistant Professor  
Dept of Anthropology and tribal Development  
GGV, Bilaspur  
Member
3. Dr. Nilakantha Panigrashi  
Associate Professor  
Dept of Anthropology and Tribal Development  
GGV, Bilaspur  
Member
4. Dr. Nilakantha Panigrashi  
Associate Professor  
Dept of Anthropology and Tribal Development  
GGV, Bilaspur  
HoD and Chairman of BoS

*online, mail attached*

*Nilakanth*  
26/10/21

*Nilakanth*  
26/10/21



10/29/21, 6:18 PM

Gmail - Syllabus of UG and PG (CBCS)



Nilakantha Panigrahi <nilakantha.panigrahi@gmail.com>

### Syllabus of UG and PG (CBCS)

3 messages

Nilakantha Panigrahi <nilakantha.panigrahi@gmail.com>  
To: Jagannath Dash <jdash1955@gmail.com>

26 October 2021 at 15:21

Respected Sir,  
Jay Guru,  
I am submitting the UG (Hons) and PG both CBCS based syllabus for your kind feedback for improvement. Today we will have discussion at 8:30 pm by telephone on this matter. I will ring you.  
With warm regards  
Nilakantha Panigrahi

—  
Nilakantha Panigrahi  
Associate Professor  
Dept. of Anthropology & Tribal Development  
Guru Ghasidas Vishwavidyalaya  
(A Central University)  
Bilaspur, Chhattisgarh  
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2 attachments

- ANTHROPOLOGY PG CBCS FINAL SYLLABUS 2021-22 (1).docx  
99K
- ANTHROPOLOGY CBCS UG SYLLABUS 2021-22 DRAFT 1 27.08.21.docx  
216K

Jagannath Dash <jdash1955@gmail.com>  
To: Nilakantha Panigrahi <nilakantha.panigrahi@gmail.com>

26 October 2021 at 17:36

Dear Dr. Panigrahi  
I would like to say that I have gone through the UG and PG syllabus(CBCS) sent by you for moderation and necessary correction. I have gone through them and made necessary addition and alterations as required by your university.  
I would say that I have personally approved it and submitting it for the kind approval of your university.

Yours sincerely  
Jagannath Dash

[Quoted text hidden]

Nilakantha Panigrahi <nilakantha.panigrahi@gmail.com>  
To: Jagannath Dash <jdash1955@gmail.com>

26 October 2021 at 18:55

Respected sir,  
Thanks for your kind meticulous feedback. Our dept will take care of all your suggestions. Again thanks for sparing your valuable time for our purpose.  
With warm regards  
Nilakantha Panigrahi  
HoD, Anthropology.  
[Quoted text hidden]

Department of Anthropology and Tribal Development

Sub: Minutes of the BoS meeting for BA/B.Sc. syllabus

The BoS approved CBCS based BA/B.Sc syllabus are submitted for onward action. The BoS of the department was organised on 26.10.2021 through online mode. The HVC nominee joined online and gave couple of feedback as per the CBCS need to improve the existing syllabus. Accordingly, the syllabus were revised and approved in the BoS of the department. A total of nine papers were introduced in the BoS.

A.R. (Acad)

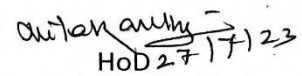
*Arif Khan*  
HoD 27/7/23

Anthropology

विभागाध्यक्ष/H.O.D.  
मानव विज्ञान एवं जनजातीय विकास विभाग  
Department of Anthropology & T.D.  
गुरु घासीदास विश्वविद्यालय, बिलासपुर (छ.ग.)  
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

## New Added Papers

Sr. No.	Course Code	Name of the Course
1.	AAUCTL3/ASUCTL3	Statistical Package for Social Science in Bio-Social Sciences
2.	AAUCLL3/ASUCLL3	Practical in Statistical Package for Social Science in Bio-Social Sciences
3	LSAAUBTA02/LSASUBTA02	Anthropology of Disaster Management (T)
4	LSAAUBSECPA02/LSASUBPA02	Anthropology of Disaster Management (P)
5.	LS/ANT/SEC/301 T	Tourism Anthropology (T)
6.	LS/ANT/SEC/301 P	Tourism Anthropology (P)
7	LSAAUBTA02/LSASUBTA02	Environmental Anthropology
8	LSAAU05TCE01//LSABU05TCE01	Human Genetics
9	LSAAU05LCE01/LSABU05LCE01	Practical in Human Genetics

  
 HoD 27/7/23

Anthropology

**विभागाध्यक्ष/H.O.D.**  
 मानव विज्ञान एवं जनजातीय विकास विभाग  
 Department of Anthropology & T.D.  
 सरस्वती विश्वविद्यालय, बिलासपुर (छ.ग.)  
 Saraswati Vishwavidyalaya, Bilaspur.(C.G.)

गुरु घासीदास विश्वविद्यालय  
(केन्द्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय)  
कोनी, बिलासपुर - 495009 (छ.ग.)



Guru Ghasidas Vishwavidyalaya  
(A Central University Established by the Central Universities Act 2009 No. 25 of 2009)  
Koni, Bilaspur - 495009 (C.G.)

## Scheme and Syllabus

# ANTHROPOLOGY UNDER-GRADUATE CURRICULUM



**GURU GHASIDAS VISHWAVIDYALAYA  
BILASPUR, CHHATTISGARH**

**(Approved in the BoS, held on 26/10/2021)**

**Department of Anthropology and Tribal  
Development**

**Guru Ghasidas Vishwavidyalaya**

*Signature*  
17/10/21

*Signature*



\* This course will offer for other department's student.

SUMMER Internship: 15 days (optional)		Swayam/Swach htaAbhiyan/ NSS / Industrial/ others	2	100	
	Core-1	LSAAU05TCE01/ LSABU05TCE01	Human Genetics	4	4
V	Core -1 Practical	LSAAU05LCE01/ LSABU05LCE01	Practical on Human Genetics	2	4
	Core -2	LSAAU05TCE02/ LSABU05TCE02	Anthropology in Practice	4	4
	Core -2 Practical	LSAAU05LCE02/ LSABU05LCE02	Practical on Anthropology inPractice	2	4
	Discipline Specific Elective (DSE- 1)	LSAAU05TOE01/ LSABU05TOE01	To be chosen from available DSE papers*	4	4
	DSE-1 - Practical	LSAAU05LOE01/ LSABU05LOE01	Practical based on DSE-1	2	4
	Discipline Specific Elective (DSE- 2)	LSAAU05TOE02/ LSABU05TOE02	To be chosen from available DSE papers*	4	4

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\*List of DSE & AEEC papers is attached at the end

Discipline Specific Course (DSE) Two each in Semester V and VI. To be chosen from the following.	Ability Enhancement Elective Course (Skill Based) One each in Semester III and IV. To be chosen from the following
DSE-1: Sports Anthropology	AEEC-1: Statistical Package for Social Science (SPSS) in bio-Social Sciences
DSE-2: Advanced Human Genetics	AEEC-2: Museum Anthropology
DSE-3: Anthropology of Religion, Politics and Economy	AEEC-3: Tourism Anthropology
DSE-4: Anthropology of Social Movement	AEEC-4: Media Anthropology
DSE-5: Tribal Cultures of India	AEEC-5: Environmental Anthropology
DSE-6: Anthropology of Health	SECC -1 : Disaster Management
DSE-7: Palaeoanthropology	
DSE-8: Ethnography of Tribes of Chhattisgarh	
DSE-9: Urban Anthropology	
DSE-10: Research Methods in Social Science	
DSE-11: Visual Anthropology	
DSE-12: Indian Archaeology	
DSE-13: Demographic Anthropology	
DSE-14: Applied Anthropology and Tribal Development	
DSE-15 Field Work (in Semester VI only)	

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Skill Enhancement Course: 2021-22 Course

For UG First Semester

Theory

Statistical Package for Social Science in Bio-Social Sciences

Paper Code- AAUCTL3/ ASUCTL3

Credit-1

- Unit I: Descriptive statistics: Types of variables  
Unit II: Measures of Central Tendency,  
Unit III: Measures of Dispersion,  
Unit IV: Frequency Distribution: Histogram, Bar graph, Pie Chart, Polygraph  
Unit V: Test of Inference

Suggested Readings

1. B.L. Agarwal. Basic Statistics. New Age International Publishers. Fourth Edition, 2006.
2. Fox and Alan. Elementary Statistics in Social Research. Gian Publishing House,
3. Sunder Rao, P.S.S. et al. An introduction to Biostatistics & Research Method. New Arrivals-PHI
4. Wackerly Dennis D, Mendelhall III, Wiliam et al. Mathematical Statistics with application Duxbury Press, Pacific Grove.
5. Gaur AS, Gaur SS. Statistical Methods for Practice and Research. A guide to data analysing using SPSS. SAGE Response, New Delhi, India, 2009.
6. Sunder Rao, P.S.S. et al. An introduction to Bio-statistics & Research Method. New Arrivals-PHI.
7. Conover W.J. Practical Nonparametric Statistics. Third Edition. Wiley India (P) Ltd. Ansari Road, Daryaganj, New Delhi. 1999.

*Autakant*

*[Signature]*

*Autakant*  
17/3/22

विभागाध्यक्ष/H.O.D.  
मानव विज्ञान एवं जनजातीय विकास विभाग  
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Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)



Skill Enhancement Course (SEC): 2021-22

Course For UG First Semester

Paper Code- AAUCLL3/ASUCLL3 Credit-1

Paper: Practical in Statistical Package for Social Science in Bio-Social Sciences

- Preparation of tools for quantitative data collection:
- Preparation of tools for qualitative data collection
- Basic tools of data analysis
- Cleaning, coding, sorting, splitting data etc

Suggested Readings

1. Gaur AS, Gaur SS. Statistical Methods for Practice and Research. A guide to data analysing using SPSS. SAGE Response, New Delhi, India, 2009.
2. B.L. Agarwal. Basic Statistics. New Age International Publishers. Fourth Edition, 2006.
3. Sunder Rao, P.S.S. et al. An introduction to Biostatistics & Research Method. New

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17/3/22

विभागाध्यक्ष/H.O.D.  
मानव विज्ञान एवं जनजातीय विकास विभाग  
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गुरु घासीदास विश्वविद्यालय, बिलासपुर (छ.ग.)  
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)



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**B.A&B.Sc - II Semester**  
**Department of Anthropology and Tribal Development**  
**Skill Enhancement Compulsory Courses (SECC)**  
**Name of the Paper- Anthropology of Disaster Management**  
**Paper Code- LSAAUBTA02/LSASUBTA02**  
**Credit-04 (Theory)**

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Unit-1. Understanding disasters: Meaning, Factors, Causes and Consequences, Anthropology and Disaster management.

Unit-2. Typology of Disasters: Earth quake, Flood, Cyclone and Super cyclone. Disaster Profile of India.

Unit-3. Essentials of Disasters Preparedness: Planning, Communication and Coordination.

Unit-4. Disaster Management: Human behavior and responses of individual and the community.

Unit-5. Disaster Management: Role of various agencies like District Administration, State, NGOs, INGOs in Relief, Rehabilitation and Resettlement.

**References:**

1. KK.Dutta and P.Sanyal. 1999. Disaster Management, Jadavpur University, Kolkata.
2. Dharmaraj Jacob.1996. Mobilising community Participation in Disaster Management, PREPARE, Madras.
3. Dreze Jan and Amartya Sn.1990. Introduction, in J. Dreze and A Sen (eds), The Political Economy of Hunger, Vol-1, Clarendon Press Oxford, PP-1-11.
4. Panigrahi,N. 2000. Super Cyclone in Odisha:Responses of welfare agencies in Relief, Rehabilitation and Resettlement, Occasional Paper-51, NCDS, Orissa.
5. Panigrahi,N.2003. Disaster Management and the Need for convergence of services for welfare agencies: A case study o the super cyclone of Orissa, Social Change, Vol-33, No-1, PP-1-25.
6. Prakash Indu.1994. Disaster Managent. RastraPrahariPrakashan, Gaziabad.
7. SamalK.C, Meher,S and Panigrahi,N. 2003. Beyon Relief: Disaster Mitigation, Livelihood Rehabilitation, and the Post-Cyclone recovery of Odissa. A report submitted to Overseas Development Institute (ODI), London, NCDS, Bhubaneswar.
8. Samal K.C and Meher, S. 2003. Vulnerability Reduction for Sustainable Development: The Context of Natural Disasters, Orissa Human Development Report, NCDS, Bhubaneswar.
9. Swain, M. 2002. Impact of Super Cyclone on Life and Livelihood of women, Study report in two coastal districts of Odisha, NCDS, Bhubaneswar.

**Learning Outcome:**

- The students will have a basic understanding on the concept of disaster and disaster management.
- They will gain knowledge on the preparedness measures to ace any disaster.
- The students will learn about the biological and socio-cultural aspects of the environment and adaptation to meet the disaster situation.
- The students will have an understanding on the policies relating to the disaster and the role of different agencies in disaster mitigation.

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**B.A&B.Sc , II Semester**  
**Department of Anthropology and Tribal Development**  
**Skill Enhancement Compulsory Courses (AECC)**  
**Name of the Paper- Anthropology of Disaster Management (P)**  
**Paper Code- LSAAUBSECPA02/LSASUBPA02**  
**Credit-02 (Practical)**

**Unit-1. Sketch the major natural calamities of India in pre-independence period.**

**Unit-2. Sketch the major natural calamities of India in Post-independence period.**

**Unit-3. Sketch out the role of State in the Super Cyclone of Odisha in 1999.**

**Unit-4. Sketch out the role of NGOs and INGOs in the Super Cyclone of Odisha in 1999.**

**Unit-5. Sketch out the role of State and civil society in the Sunami disaster in Tamil Nadu.**

**References:**

*Arshad 26/10/24*

*[Signature]*



SEC  
B.A/B.Sc-III Semester  
Paper Code-LS/ANT/SEC/301 T CREDIT-02  
Tourism Anthropology

- Unit-I. Meaning, Concept, Types of Tourism, Tourism organization, Tourist as Ethnographer and Pilgrimage.
- Unit-II. Historical Evolution of Tourism, Purposes of Tourism, Modern Tourism, Cultural Heritage, Tourism Regulations.
- Unit-III. Tourism Services and Operations: Transport, Accommodation and others. Tourism Marketing: Promotional events, advertising, publishing etc.
- Unit-IV. Tourism Policy and Development: National and International, Manila Declaration, Eco-Tourism, Tourism Infrastructure, Impact of Modern Tourism, Globalisation of tourism

Suggested Reading

1. Chambers E. (2000). Native Tours: The Anthropology of Travel and Tourism. Prospect Heights: Waveland.
2. Crick M. (1995). The Anthropologist as Tourist: An Identity in Question. In Lanfant MF, Allcock JB, Bruner EM (eds.) International Tourism: Identity and Change. London: Sage. pp. 205-223.
3. Dann GMS, Nash D and Pearce PL. (1988). Methodology in Tourism Research. Annals of Tourism Research. 15:1-28.
4. Gmelch SB. (2004). Tourists and Tourism: A Reader. Long Grove: Waveland.
5. Graburn NHH. (1977). Tourism: The Sacred Journey. Hosts and Guests: The Anthropology of Tourism. Valene L. Smith, ed. Philadelphia: University of Pennsylvania Press. Pp. 33-47.
6. Dann G. (2002). The Tourist as a Metaphor of the Social World. Wallingford: CAB International.
7. Nash D. (1996). Anthropology of Tourism. New York: Pergamon.
8. Kirshenblatt-Gimblett B. (1998). Destination Culture: Tourism, Museums, and Heritage. University of California Press.
9. Lippard LR. (1999). On the Beaten Track: Tourism, Art and Place. New Press.
10. Picard M and Wood R. (1997). Tourism, Ethnicity, and the State in Asian and Pacific Societies. University of Hawaii Press.
11. Crick M. (1994). Anthropology and the Study of Tourism: Theoretical and Personal Reflections. In Crick M (eds.). Resplendent Sites, Discordant Voices: Sri Lankans and International Tourism. Chur, Switzerland: Harwood Publishers.
12. Wood R. (1997). Tourism and the State: Ethnic Options and the Construction of Otherness. In Picard and Wood Tourism, Ethnicity and the State in Asian and Pacific Societies. University of Hawaii Press.

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B.A/B.Sc-III Semester  
Paper Code-LS/ANT/SEC/301 P  
Tourism Anthropology

Credit-02

- Unit-I. Preparation of Review report based on secondary data on Tourism as per the tourism, in different States of India as per the topic given.
- Unit-II. Preparation of Review report based on secondary data on Tourism of Chhatisgarh per the topic given.
- Unit-III. Field Exposure to Local Tourist sites/ Preparation of review report on the state Tourism in the world /South-East Asia as per the topic given.

Marks Distribution:

Internal Marks: 30

End Term Exam (Content, Record and Presentation): 70 (40+10+20)

Suggested Reading

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**B.A&B.Sc , II Semester**  
**Department of Anthropology and Tribal Development**  
**Ability Enhancement Compulsory Courses (AECC)**  
**Name of the Paper- Environmental Anthropology**  
**Paper Code- LSAAUBTA02/LSASUBTA02**  
**Credit-02**

- Unit-1** The concept of Environment, Eco-System, Biotic and Abiotic components of environment.
- Unit-2** Ecological Anthropology: Adaptation and Acclimatization.
- Unit-3** Man-Nature relationship in different societies  
: Hunting and Food Gathering, Pastoralist, and shifting cultivators.
- Unit-4** Impact of Industrialisation and urbanization on human environment.
- Unit-5** Environmental pollution: Air pollution, Water pollution and Soil pollution.

**References:**

- P.C.Parida and N.Panda. 2018. Human Ecology. Kalyanee Publishers, New Delhi.
- M.C.Das. 2002. Fundamental of Ecology.
- Schutzkowski, H Berlin. 2006. Human Ecology. Bio-Cultural Adaptation in Human Communities. Springer.
- Paul R.Ehrlich, AnneH.Ehrlich and John P Holders et al. 1973. Problems and Solutions.

**Learning outcome:**

- The students will learn about the biological and socio-cultural aspects of the environment and adaptation.
- The students will learn about the socio-cultural aspects of the environment and adaptation.
- They will also learn about the ecological relation with state formation.

*Signature*  
26/11/24

*Signature*



B.A./B.Sc. V Semester

Core-1: Human Genetics

Paper Code: LSAAU05TCE01/ LSABU05TCE01

Credit- 4

- Unit I** Methods of studying Human Genetics: Cytogenetics, Mendelian Genetics, Twin Genetics, Sib Pair methods, Population Genetics, Molecular Genetics.
- Unit II** Cytogenetics: cell cycle, standard karyotyping and banding techniques (G, C and Q),
- Unit III** Chromosomal abnormalities, Lyon's hypothesis, importance of telomere and centromere. Linkage and chromosome mapping, genetic imprinting. Epistasis, Pleiotrophy.
- Unit IV** Modes of inheritance: Mendels Law, Autosomal (dominant, recessive, codominance), sex linked, sex influenced, sex limited, modifying genes, suppressor genes, selfish gene,
- Unit V** Multiple allelic inheritance, multifactorial inheritance (stature and skin Colour),

B.A./B.Sc. V Semester

Core-1: Practical on Human Genetics

Paper Code: LSAAU05LCE01/ LSABU05LCE01

Credit- 2

Practical Credit- 2

- Unit I:** Bloodgroup typing-A1,A2,B,O,MN and Rh(D) blood groups
- Unit II:** Color Blindness
- Unit III:** Glucose-6-phosphatedehydrogenase deficiency (G6PD)
- Unit IV:** PT C tasting ability
- Unit V:** Biochemical markers-DNA isolation and polymerase chain reaction (PCR)

Suggested Readings

1. Brooker R.J. (2012). Genetics: analysis & principles. The McGraw-Hill Companies, Inc  
4th ed.

*Dr. Anamika*  
17/11/21





2. Cavalli-Sforza, L.L. and Bodmer, W.F (1971). *The Genetics of Human Population*. San Francisco: Freeman
3. Cooper DN and Kehrer-Sawatzki H. (2008). *Handbook of Human Molecular Evolution*. John Wiley & Sons, volume-2.
4. Crawford MH (2007). *Anthropological Genetics Theory, Methods and Applications*. Cambridge University Press
5. Cummings M.R. (2011). *Human Heredity: Principles and Issues*. Ninth Edition. Brooks/Cole, Cengage Learning
6. Jobling, M.A. Hurler M. and Tyler-Smith C. (2004). *Human Evolutionary Genetics: Origins, Peoples & Disease*. GS. NY
7. Lewis R. (2009). *Human Genetics: Concepts and Applications* 9th Edition. The McGraw-Hill Companies, Inc.
8. Patch C. (2005). *Applied Genetics in Healthcare*. Taylor & Francis Group
9. Relethford J.H. (2012). *Human Population Genetics*. Wiley-Blackwell, USA
10. Snustad .D.P. and Simmons M.J. (2006). *Principles of Genetics*, Fourth Edition, John Wiley & Sons USA, Hoboken NJ
11. Strachan T, Read A.P. (2004). *Human Molecular Genetics*. Garland Science/Taylor & Francis Group.
12. Vogel F. and Motulsky A.G. (1996). *Human Genetics*. Springer, 3rd revised edition.

#### Learning Outcomes

The learning outcomes of this paper are:

1. The students will learn about genetics and the principles of human genetics.
2. They will learn about inheritance and the factors influencing inheritance.
3. They will also learn about the role of admixture in population structure.
4. From the practical component they will learn about blood grouping, identifying colour blindness and PTC tasters.

Nilakant  
17/11/24