| R. No | Name | Course | : Chordata | _ | Course X: Developmental Biology | | | | Course XI : Environmental Biology | | | | Course XII: Animal behavior | | | | Project | | |
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| 1 | ASTHA YADAV | Origin & Evolution of Chordate | 06-07-2019 | Flight Adaptation in Birds | 13-07-2019 | Theory of preformation, epigenetic theory, theory of pengenesis, recapitulation theory | 20-07-2019 | Germplasm theory, mosaic theory, regulated theory, gradient theory and theory of organizers | 27-07-2019 | Physical environment; biotic environment; biotic and abiotic interactions. | 03-08-2019 | Structure and function of Ecosystem | 10-08-2019 | Stereotyped behaviour- Taxes, reflexes, instinct and motivation | 17-08-2019 | Circadian and circannual rhythms | 24-08-2019 | Survey of Fauna and Flora of G. B.Nagar | 15-09-2019 |
| 2 | JYOTI/OB | General Organization & Affinities of Larvacea | 06-07-2019 | Migration and Territorial Behavior of Birds | 13-07-2019 | Gametes and fertilization- Spermatogenesis, oogenesis and fertilization | 20-07-2019 | Aging, consequences of aging, causes of aging | 27-07-2019 | Concept of habitat and niche; niche width and overlap | 03-08-2019 | Energy flow and mineral cycling (CNP) of ecosystem; primary production and decomposition | 10-08-2019 | Individual behavioural patterns- Conflict behaviour | 17-08-2019 | Biological clocks, | 24-08-2019 | Survey of Fauna and Flora of Badalpur | 15-09-2019 |
| 3 | KAJAL | Thaliacea and Cephalochordate | 06-07-2019 | General and Special Characters Of Mammals | 13-07-2019 | Basic concepts of development | 20-07-2019 | Control of aging through genes and aging of cells in vitro | 27-07-2019 | Fundamental and realized niche; resource partitioning; character displacement | 03-08-2019 | Structure and function of some Indian ecosystems: terrestrial (forest, grassland) | 10-08-2019 | Definition, forms of Learning and memory | 17-08-2019 | Migration, orientation and navigation | 24-08-2019 | Survey of Fauna and Flora of KMGGPGC | 15-09-2019 |
| 4 | KM. JYOTI/SKG | Origin and Evolution of Vertebrates | 06-07-2019 | Organization & Affinities of Prototheria. | 13-07-2019 | Parthenogenesis: Types androgenesis and significance | 20-07-2019 | Carrel's immortal cells | 27-07-2019 | Biogeography: Major terrestrial biomes | 03-08-2019 | Structure and function of some Indian ecosystems: aquatic (fresh water, marine, eustarine) | 10-08-2019 | Development and mechanism of learning, neural basis of learning, memory in animals | 17-08-2019 | Neural and hormonal control of behaviour | 24-08-2019 | Impact of construction sites on Air pollution in G.B. Nagar | 15-09-2019 |
| 5 | KM. POONAM TOMAR | General and Comparative Account of Integumentary System | 06-07-2019 | General Organization and Affinities of Marsupialia | 13-07-2019 | Pattern of cleavage, laws of cleavage, types of cleavage, effect of yolk on cleavage | 20-07-2019 | Teratology- Causes of abnormal development | 27-07-2019 | Theory of island biogeography; biogeographical zones of India. | 03-08-2019 | Types; mechanisms; changes involved in succession; concept of climax. | 10-08-2019 | Study of communication , messages and their meanings | 17-08-2019 | Neural structures, general pattern of nervous system in animals | 24-08-2019 | Cause and consequences of Water Pollution in G.B. Nagar | 15-09-2019 |
| 6 | KM.PRITI | General and Comparative Account of Urinogenital System | 06-07-2019 | Aquatic Mammals With Reference to Cetaceae | 13-07-2019 | Cleavage and blastula, physiology of cleavage, morula and blastula. | 20-07-2019 | Therapeutic drugs as teratogens | 27-07-2019 | Characteristics of a population; population growth curves | 03-08-2019 | Environmental pollution; global environmental change | 10-08-2019 | Forms of signals, communication in animals as language | 17-08-2019 | Hormones in relation to different behavioural patterns | 24-08-2019 | Survey on the awareness of female on inborn defects. | 15-09-2019 |

| 7 | KM.PRITI BHATI | General Organization and Affinities of Obstracoderm & Coelacanthiform es | 06-07-2019 | General Characters, Special Characters of Birds | 13-07-2019 | Process of gastrulation | 20-07-2019 | Drug testing, experimental teratology | 27-07-2019 | Population regulation; life history strategies (r and K selection) | 03-08-2019 | Biodiversity status, monitoring and documentation | 10-08-2019 | Environmental perceptions- Mechanical | 17-08-2019 | Introduction, definition, classification and role of hormones behavioural patterns | 24-08-2019 | Survey on use of pesticides and its impact on human health in your area | 15-09-2019 |
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| 8 | NIKITA SHARMA | Parental Care In Amphibia | 06-07-2019 | General Characters, Special Characters of Reptile | 13-07-2019 | Metamorphosis in insects and amphibians | 20-07-2019 | cell growth and oncogenesis | 27-07-2019 | Concept of metapopulation – demes and dispersal, interdemic extinctions, age structured populations. | 03-08-2019 | Major drivers of biodiversity change; biodiversity management approaches. | 10-08-2019 | Environmental perceptions-electrical | 17-08-2019 | Endocrine secretions, neuroendocrine control mechanism in certain behavioural patterns. | 24-08-2019 | District administration steps to control pollution and create awareness in public | 15-09-2019 |
| 9 | SANJANA SINGH | Neoteny Nad Pedogenesis | 06-07-2019 | General Characters, Special Characters Fish | 13-07-2019 | Biochemical and morphological metamorphic changes and hormonal control of metamorphosis | 20-07-2019 | Neoplasia- Etiology, growth and differentiation of tumor cells | 27-07-2019 | Types of Species interactions, interspecific competition, herbivory, carnivory, pollination, symbiosis | 03-08-2019 | Principles of conservation, major approaches to management | 10-08-2019 | Environmental perceptions-chemical | 17-08-2019 | Social structures, social dominance | 24-08-2019 | Survey of KMGGPGC student awareness on pollution and its impact | 15-09-2019 |
| 10 | VAISHALI SHARMA | Types & Peculiarities of Dinosaurs | 06-07-2019 | General Characters, Special Characters Amphibia | 13-07-2019 | Regenerative potentials in different animal groups | 20-07-2019 | Neoplasia- loss of homeostatic control | 27-07-2019 | Nature of communities; community structure and attributes; | 03-08-2019 | Indian case studies on conservation/mana gement strategy (Project Tiger) | 10-08-2019 | Environmental perceptions-olfactory | 17-08-2019 | Domestication, advantages of groupings, development, | 24-08-2019 | Survey of public awareness on pollution impact on their health | 15-09-2019 |
| 11 | GEETA PAL | General Organization of Chelonia | 06-07-2019 | Difference of Vertebrata and Chordata | 13-07-2019 | Mechanism of regeneration in amphibian and planeria. | 20-07-2019 | Gowth and invsiveness of placenta | 27-07-2019 | Levels of species diversity and its measurement; edges and ecotones | 03-08-2019 | Indian case studies on conservation/mana gement strategy (Biosphere reserves) | 10-08-2019 | Environmental perceptions- auditory and visual. | 17-08-2019 | Social organization in insects and primates | 24-08-2019 | Health effect of Tobacco and its product in your village | 15-09-2019 |