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| **Sl no.** | **TOPICS** | **Roll no of Students** | | **Date of presentation** |
| **Section A1 (Morning)** | **Section B1(afternoon)** |
| 1. | **Ecology** : Autotrophic (blue green algae, photosynthesis, chemosynthesis), heterotrophic, decomposers, nutrient recycling (C, N, P) | |  |  | | --- | --- | | **16UCS114** | **NAMAN AGARWAL** | | **16UCS115** | **NAND KISHORE PUROHIT** | | **16UCS116** | **NEELANSH SETHI** | | **16UCS117** | **NIKHIL MEEL** | | |  |  | | --- | --- | | **16UCC001** | **AAKASH MAHADEVAN** | | **16UCC002** | **AASHI BHATIA** | | **16UCC003** | **AASTHA AGARWAL** | | **16UCC004** | **ABHINANDAN DUBEY** | | **16UCC005** | **ABHINAV MISHRA** | | **16UCC006** | **ABHISHEK KUMAR** | | 05.10.2017 |
| 2. | **BIODIVERSITY – (1st part)** | |  |  | | --- | --- | | **16UCS118** | **NIKHIL PRATAP SINGH** | | **16UCS119** | **NIMISH GUPTA** | | **16UCS120** | **NINAAD SHARMA** | | **16UCS121** | **PARAG SINGHAL** | | **16UCS122** | **PARAS GARG** | | |  |  | | --- | --- | | **16UCC007** | **ABHISHYEK SINGH BAGHEL** | | **16UCC008** | **ADITYA AGGARWAL** | | **16UCC009** | **AJAY DHILLON** | | **16UCC010** | **AKHIL KALPESH BACHKANIWALA** | | **16UCC011** | **AKSHAY KUMAR GUPTA** | | **16UCC012** | **AKSHIT AGARWAL** | | **16UCC013** | **AKSHIT SINGH** | | 05.10.2017 |
| 3. | **BIODIVERSITY – (2nd part)**  rest of the points in the pdf file | |  |  | | --- | --- | | **16UCS123** | **PARESH MISHRA** | | **16UCS124** | **PARITOSH KUMAR MISHRA** | | **16UCS125** | **PARTH SINGH** | | **16UCS126** | **PARUL SHANDILYA** | | |  |  | | --- | --- | | **16UCC014** | **ANADYA SHRIVASTAVA** | | **16UCC015** | **ANUBHAV JAIN** | | **16UCC016** | **ANUKARSH SINGH** | | **16UCC017** | **ANUNAY SACHAN** | | **16UCC018** | **APOORVESH RAI** | | **16UCC019** | **APURV JAIN** | | 10.10.2017 |
| 4. | **Global warming: Damage to coral reefs, Pacific, Butterfly populations in the United Kingdom + el nino + ADD more interesting topics not discussed in class** | |  |  | | --- | --- | | **16UCS127** | **PATEL RAHIL** | | **16UCS128** | **PINAK PATHAK** | | **16UCS129** | **PIYUSH VERMA** | | **16UCS131** | **PRAKHAR GUPTA** | | **16UCS132** | **PRANAV GUPTA** | | |  |  | | --- | --- | | **16UCC020** | **ASHISH RANJAN** | | **16UCC021** | **AYESHA CHOUDHARY** | | **16UCC022** | **AYUSH GOEL** | | **16UCC023** | **AYUSH SHARMA** | | **16UCC024** | **AYUSH VERMA** | | **16UCC025** | **BHARAT RAWAT** | | **16UCC026** | **BHAVESH KALRA** | | 10.10.2017 |
| 5. | **PLASTIC WASTE MANAGEMENT (**Plasma Pyrolysis Technology (PPT), Conversion of Plastics Waste into liquid fuel, Bioplastics etc). | |  |  | | --- | --- | | **16UCS133** | **PRANAV KUMAR MISHRA** | | **16UCS134** | **PRANJAL JAIN** | | **16UCS135** | **PRANJUL PARNAMI** | | **16UCS136** | **PRASOON BIRLA** | | |  |  | | --- | --- | | **16UCC027** | **BHAVUK SHARMA** | | **16UCC028** | **CHAITANYA GIRI GOSWAMI** | | **16UCC029** | **CHIRAG GOYAL** | | **16UCC030** | **DIKSHIT MAHESHWARI** | | **16UCC031** | **DIVYA BAID** | | **16UCC032** | **DIVYANSH SHARA** | | 12.10.2017 |
| 6. | Natural disasters in India (types – Floods, Droughts, Earthquakes , landslides*,* Cyclones, Avalanches, Manmade Disasters, Forest Fires; India has a history of natural disasters (*discuss examples from recent past on this types like CHENNAI FLOOD IN 2015*), [Natural Disaster Management Structure in India](http://www.teriuniversity.ac.in/mct/pdf/Environment/Disaster_risk_reduction_through_environment_management_and_disaster_management/Prof%20Vinod%20Sharma/Natural_Disaster.pdf) (THE ADMINISTRATIVE RESPONSE, NON GOVERNMENTAL ORGANIZATIONS), National Disaster Management Act 2005 (*not* *in detail*), Why India is a failure in tackling natural disasters?) | |  |  | | --- | --- | | **16UCS137** | **PRATEEK MITTAL** | | **16UCS138** | **PRATIBHA GOYAL** | | **16UCS139** | **PREKSHA PANDEY** | | **16UCS140** | **PRIYANK MITRA** | | **16UCS141** | **PRIYANKA AGARWAL** | | |  |  | | --- | --- | | **16UCC033** | **DIVYANSHU DAIYA** | | **16UCC034** | **HARSH SINGH KUSHWAH** | | **16UCC035** | **HARSHIT DHUPAR** | | **16UCC036** | **HERANE MALHOTRA** | | **16UCC037** | **HIMANSHU DAGA** | | **16UCC038** | **HIMANSHU GUPTA** | | **16UCC039** | **HITESH KUMAR** | | 12.10.2017 |
| 7. | **Population growth in India : Planning for the future, The Urban Challenge** (clue : Nearly half the world’s population now lives In urban areas. The high population density in these areas leads to serious environmental issue) | |  |  | | --- | --- | | **16UCS142** | **PRIYANSHU AGARWAL** | | **16UCS143** | **PRIYANSI SINGH** | | **16UCS144** | **PUNIT AGARWAL** | | **16UCS145** | **PURU SEWDA** | | |  |  | | --- | --- | | **16UCC040** | **HRITIK KHANDELWAL** | | **16UCC041** | **IRAM FATIMA** | | **16UCC042** | **ISHAN RAI** | | **16UCC043** | **ISHANI SHANDILYA** | | **16UCC044** | **JAGRITI POPLI** | | **16UCC045** | **KANISHK SHARMA** | | 24.10.2017 |
| 8. | **Sustainable development :** What does it mean? Evolution of sustainable development, resource depletion, concept of sustainable development, 3 pillars of sustainable development, Strategies for sustainable living; approaches of sustainable development, Equitable use of resources; multiple crisis & of sustainable development, | |  |  | | --- | --- | | **16UCS146** | **PYUSHI PALIWAL** | | **16UCS147** | **RAGHAV LADDHA** | | **16UCS148** | **RAHUL ASNANI** | | **16UCS149** | **RAHUL BHATIA** | | **16UCS150** | **RAHUL CHOWDHURY** | | |  |  | | --- | --- | | **16UCC046** | **KAUSHIK JAISWAL** | | **16UCC047** | **KHYATI DOSHI** | | **16UCC048** | **KUMAR SAKET** | | **16UCC049** | **LAKSHAY JAIN** | | **16UCC050** | **MANAN NAHATA** | | **16UCC051** | **MANGAMURI LEELA SURYA TEJA** | | **16UCC052** | **MANI GOYAL** | | 24.10.2017 |
| 9. | **Acid mine drainage, Botanical insecticides (3 examples), Bio-pesticides (3 examples)** | |  |  | | --- | --- | | **16UCS151** | **RAJA SINGHAL** | | **16UCS152** | **RAJAT GARGA** | | **16UCS153** | **RAKSHITA PORWAL** | | **16UCS154** | **RAMAN CHOUDHARY** | | |  |  | | --- | --- | | **16UCC053** | **MAYANK SINGH RAJKUMAR** | | **16UCC054** | **MAYANKAR SHUKLA** | | **16UCC055** | **MEET MALOT** | | **16UCC056** | **MOHIT MITTAL** | | **16UCC057** | **MRINALI MANGAL** | | **16UCC058** | **MUKUND SHARMA** | | 26.10.2017 |
| 10. | **Ground Water Contamination ,** [**Arsenic in Ground Water**](http://hindi.indiawaterportal.org/node/53081) (Introduction, SPATIAL GROUNDWATER ARSENIC DISTRIBUTION, GEOLOGICAL FRAMEWORK, QUATERNARY MORPHO-STRATIGRAPHY, HYDROGEOLOGY OF ARSENIC CONTAMINATED AREA, **GROUND WATER SCENARIO in India and world** | |  |  | | --- | --- | | **16UCS155** | **RISHABH AREN** | | **16UCS156** | **RIYA ARORA** | | **16UCS157** | **ROHAN BALDHA** | | **16UCS158** | **ROHAN G NAIR** | | **16UCS159** | **RUPESH MANGAL** | | |  |  | | --- | --- | | **16UCC059** | **MUSKAN GUPTA** | | **16UCC060** | **MUSKAN JAIN** | | **16UCC061** | **NALIN GUPTA** | | **16UCC062** | **NIREKA SINGHAL** | | **16UCC063** | **NISHA SHEKHAWAT** | | **16UCC064** | **NISHIT VIRENDRAKUMAR GUPTA** | | **16UCC065** | **PAARMITA BHARGAVA** | | 26.10.2017 |
| 11. | **Green Revolution in Punjab - Is this growth sustainable?** | |  |  | | --- | --- | | **16UCS160** | **SACHIN JAT** | | **16UCS161** | **SACHIN MITTAL** | | **16UCS162** | **SAGAR PAMNANI** | | **16UCS163** | **SAHIL SHRIVASTAVA** | | |  |  | | --- | --- | | **16UCC066** | **PARTH SHANDILYA** | | **16UCC067** | **PRABHAT SHARMA** | | **16UCC068** | **PRAKHAR PALIWAL** | | **16UCC069** | **PRASHANT NIGAM** | | **16UCC070** | **PRATUL KUMAR** | | **16UCC071** | **PRIYAL BHAGWANANI** | | 31.10.2017 |
| 12. | **Less persistent insecticides ((a) organophosphates and (b) carbamates),**  **Radionuclides, marine pollution (oil spill, plastic in marine life)** | |  |  | | --- | --- | | **16UCS164** | **SAKSHI SRIVASTAVA** | | **16UCS165** | **SALONI CHAUHAN** | | **16UCS166** | **SALONI GARG** | | **16UCS167** | **SALONI SINGH** | | **16UCS168** | **SAMIKSHA JAIN** | | |  |  | | --- | --- | | **16UCC072** | **PULKIT MATUHR** | | **16UCC073** | **PUNYAM AGRAWAL** | | **16UCC074** | **RAJEEV MOTIANI** | | **16UCC075** | **RISHABH MITTAL** | | **16UCC077** | **ROHIT CHANDWANI** | | **16UCC078** | **ROHIT SHARMA** | | **16UCC079** | **ROHIT TAYAL** | | 31.10.2017 |
| 13. | **ROLE OF INFORMATION TECHNOLOGY** IN ENVIRONMENT AND HUMAN HEALTH (case studies should be included);+ Green ICT | |  |  | | --- | --- | | **16UCS169** | **SANJIT JAIN** | | **16UCS170** | **SAURABH GUPTA** | | **16UCS171** | **SAURABH KHANDELWAL** | | **16UCS172** | **SHAH JAINISH MAHESH** | | |  |  | | --- | --- | | **16UCC080** | **ROHIT VENKATESH SAMUDRALWAR** | | **16UCC081** | **SAGNIK BANERJEE** | | **16UCC082** | **SAKET RANJAN** | | **16UCC083** | **SALONI GOYAL** | | **16UCC084** | **SANJANA MUNDHRA** | | **16UCC085** | **SAURABH BANSAL** | | 02.11.2017 |
| 14. | **Secondary treatment by Activated sludge method**  **Removal of inorganic impurities by reverse osmosis** | |  |  | | --- | --- | | **16UCS173** | **SHAILY BAHETI** | | **16UCS174** | **SHIVAM JAIN** | | **16UCS175** | **SHIVANSH BAIJAL** | | **16UCS176** | **SHREYA CHAWLA** | | **16UCS177** | **SHREYANSH JAIN** | | |  |  | | --- | --- | | **16UCC086** | **SAURABH SUBODH CHATURVEDI** | | **16UCC087** | **SHIVAM GERA** | | **16UCC088** | **SHIVAM SHARMA** | | **16UCC089** | **SHREYA DUBEY** | | **16UCC090** | **SHUBHAM KUMAR SUNWALKA** | | **16UCC091** | **SIDDHARTHA SINGH** | | **16UCC092** | **SMRITI GUPTA** | | 02.11.2017 |
| 15. | **Clean Energy**  **Technology** | |  |  | | --- | --- | | **16UCS178** | **SHREYANSH JAIN** | | **16UCS179** | **SHRIKANT TARWANI** | | **16UCS180** | **SHRINIWASAN PILLAI** | | **16UCS181** | **SHUBHAM SAMDANI** | | |  |  | | --- | --- | | **16UCC093** | **SOMIL JOSHI** | | **16UCC094** | **SPARSH AGARWAL** | | **16UCC095** | **SRISHTI AGARWAL** | | **16UCC096** | **SUREJA SHREYANSKUMAR KISHANBHAI** | | **16UCC097** | **SWAPNIL ANIL KUMAR SINGH** | | **16UCC098** | **TANMAY AGARWAL** | | 07.11.2017 |
| 16. | Risks due to chemicals in food (clues - Dangerous and hidden food ingredients in seemingly healthy foods, chemicals we consume in our food and drink that should be banned, Genetically modified food, food additives etc.) + Eat healthy stay healthy (clues : why to [avoid junk food & beverages, canned food;](http://www.rebootwithjoe.com/5-chemicals-that-turn-our-food-toxic-and-how-to-avoid-them/) Chemicals that turn our food toxic; concept of “organic food”; healthy food habits for healthy life etc) | |  |  | | --- | --- | | **16UCS182** | **SHUBHAM SHARMA** | | **16UCS183** | **SHUBHANGI PANDEY** | | **16UCS184** | **SHUBHI JAIN** | | **16UCS185** | **SIDDHARTH AWASTHI** | | **16UCS186** | **SIDDHARTH JAIN** | | |  |  | | --- | --- | | **16UCC099** | **UNNATII TIBREWAL** | | **16UCC100** | **YATHARTH SRIVASTAVA** | | **16UCC101** | **AKSHAT BHARADWAJ** | | **16UCC102** | **AKSHAT JETHLIA** | | **16UCC103** | **AKSHAY JANGID** | | **16UCC104** | **MAANAS AGRAWAL** | | **16UCC105** | **YASHASHWI SIDHARTH** | | 07.11.2017 |
| 17. | **Removal of impurities by adsorption on activated charcoal, removal of ammonia by air stripping method** | |  |  | | --- | --- | | **16UCS187** | **SIVAKETHAN SUDDAPALLI** | | **16UCS188** | **SOLA PRUDHVI** | | **16UCS189** | **SOURABH KAUSHIK** | | **16UCS190** | **SUDHANSHU PALIWAL** | | |  |  | | --- | --- | | **16UME001** | **ABHIMANYU SINGH MERTIYA** | | **16UME002** | **ABHISHEK ARRAWATIA** | | **16UME003** | **ADHIP SHUKLA** | | **16UME004** | **AJAY MATWA** | | **16UME005** | **AMAN AGARWAL** | | **16UME006** | **AMAN KOTWANI** | | 09.11.2017 |
| 18. | **Citizens actions and action groups :** The proposed Hydel project at Silent valley, Chipko movement – Eco India, The Tehri Project (RESETTLEMENT AND REHABILITATION  OF PEOPLE - ITS PROBLEMS AND CONCERNS ), The Narmada bachao andolan (Dams - benefits and problems), Sardar Sarovar Dam project **+ add more from your side** | |  |  | | --- | --- | | **16UCS191** | **SUNIL KUMAR JAIN** | | **16UCS192** | **SUYASH AGRAWAL** | | **16UCS193** | **TANISHQ** | | **16UCS194** | **TANISHQA JAIN** | | **16UCS195** | **TANMAY SHARMA** | | |  |  | | --- | --- | | **16UME007** | **AMAN UPADHYAY** | | **16UME009** | **ANKIT SHARMA** | | **16UME010** | **ANKIT TRIPATHI** | | **16UME011** | **ARYESH RAI** | | **16UME012** | **AYUSH AGARWAL** | | **16UME013** | **BHASKAR MISHRA** | | **16UME015** | **DEEPAK KUMAR** | | 09.11.2017 |
| 19. | **Harmful and beneficial microorganisms** (clues: what is a microorganism, harmful microorganisms, useful microorganisms - hidden helpers in our body, making curd and bread, medicinal use of microorganisms, Increasing soil fertility, cleaning the environment, commercial production of alcohol and wine) | |  |  | | --- | --- | | **16UCS196** | **TANUJ SHARMA** | | **16UCS197** | **TARUN MAHESHWARI** | | **16UCS198** | **TARUN PAREEK** | | **16UCS199** | **TIRTH M SHAH** | | **16UCS227** | **YASH AGGARWAL** | | |  |  | | --- | --- | | **16UME016** | **HARSHIL BHANDARI** | | **16UME017** | **HARSHIT KHANDELWAL** | | **16UME018** | **HIMANSHU DOBLE** | | **16UME019** | **KANISHAK GODARA** | | **16UME020** | **KARAN SINGH CHOUHAN** | | **16UME021** | **KAUSTUBH NIRWAN** | | 14.11.2017 |
| 20. | **WATER CONSERVATION, RAIN WATER HARVESTING** (CASE STUDY  Mewar, Rajasthan), WATERSHED  MANAGEMENT (CASE STUDY:  recent drought in Maharashtra, **ADD MORE case studies from your side**) | |  |  | | --- | --- | | **16UCS200** | **TUSHAR BANSAL** | | **16UCS202** | **UDISH NAGPAL** | | **16UCS203** | **UJJAWAL AGARWAL** | | **16UCS204** | **UJJWAL MADAN** | | **16UCS205** | **UNNAT CHAUHAN** | | |  |  | | --- | --- | | **16UME022** | **LOKESH KAUSHIK** | | **16UME023** | **LOKESH KUMAR ISRANI** | | **16UME024** | **MADHAV KHANDELWAL** | | **16UME025** | **MADHUR DWIVEDI** | | **16UME026** | **MAHARSHI S MISHRA** | | **16UME028** | **MS NEHA JHAMTANI** | | **16UME029** | **MULA NAGA SEKHARA NAGENDRA** | | 14.11.2017 |
| 21. | **Thermal stratification in a non-flowing body of water :** how does the physical, chemical and biological properties in different layers occurs in different seasons; overturn and its significance and  **Eutrophication** | |  |  | | --- | --- | | **16UCS206** | **URVIKA AGRAWAL** | | **16UCS207** | **VAIBHAV SINGH** | | **16UCS209** | **VIBHOR AGARWAL** | | **16UCS210** | **VIKAS GOYAL** | | **16UCS226** | **PRASHANT JAIN** | | |  |  | | --- | --- | | **16UME030** | **NIDHI CHAUDHARY** | | **16UME031** | **NISHANT KUMAR MISHRA** | | **16UME032** | **OJASWA SHARMA** | | **16UME033** | **PRAKHAR KESARWANI** | | **16UME034** | **PRAKHAR SHARMA** | | **16UME035** | **PRAMIT G YEOLE** | | 16.11.2017 |
| 22. | **VALUE EDUCATION :** (i) Valuing Nature – deep ecology; (ii) Valuing cultures; (iii) Social justice (iv) Human heritage, (v) Common Property Resources; (vi) Ecological degradation  **& HUMAN RIGHTS:** (i) Equity, (ii) Nutrition, health and human rights | |  |  | | --- | --- | | **16UCS211** | **VIKAS KUMAR CHANDAK** | | **16UCS212** | **VINAYAK KATIYAR** | | **16UCS213** | **VINEET KUMAR** | | **16UCS214** | **VIRAL GARG** | | **16UCS215** | **VISHESH SHARMA** | | |  |  | | --- | --- | | **16UME036** | **PRANSHU ANANYA** | | **16UME037** | **RAGHAV BIYANI** | | **16UME038** | **RAGHAV MALAV** | | **16UME039** | **ROHIT SINGHAL** | | **16UME040** | **SARANSH JAIN** | | **16UME041** | **SARTHAK JAIN** | | **16UME042** | **SHALIN KHANDELWAL** | | 16.11.2017 |
| 23. | **Role of CHEMISTRY in daily life** (clues: chemistry is everywhere, elements in human body, chemistry in our day to day life – effects of using soap, shampoo, procedures of refining oil, use of natural products, in medicines, valuable gems. In industries like paint (synthetic dyes), cosmetics, flat screen displays, in photography. Cooking is chemistry. Energy is chemistry (battery), fuels, organic farming. Some important facts like WHY ONION MAKE YOU CRY, HOW Fire Extinguisher WORKS,) | |  |  | | --- | --- | | **16UCS216** | **VRINDA** | | **16UCS217** | **VYAPAK GOYAL** | | **16UCS218** | **WAKODIKAR SANKALP SANJAY** | | **16UCS219** | **YASH GAUR** | | **16UCS225** | **MAHIMA KEJRIWAL** | | |  |  | | --- | --- | | **16UME044** | **SHITANSHU KUMAR PANDEY** | | **16UME045** | **SHIVANSH RAO** | | **16UME046** | **SHRAVAN RAJEEV TAWRI** | | **16UME047** | **SHREYASH MISHRA** | | **16UME048** | **SHUBHAM SABOO** | | **16UME049** | **SHUBHIT SHARMA** | | 21.11.2017 |
| 24. | **Effects of “oxidation” in daily life** (clues : corrosion, why rusting is a problem, tarnish of Cu, Ag, Al etc. role of antioxidants, rancidity, ways to slow down rancidity, Oxidation reduction always occur simultaneously, Combustion, Explosions and explosives, FUELING THE SPACE SHUTTLE, aging in humans, Electrochemistry and Batteries ) | |  |  | | --- | --- | | **16UCS220** | **YASH KUMAR AGRAWAL** | | **16UCS221** | **YASH VEKARIA** | | **16UCS222** | **YATHARTH SHAH** | | **16UCS223** | **ANUSHKA PRAKASH** | | **16UCS224** | **KAJOL CHOUDHARY** | | |  |  | | --- | --- | | **16UME050** | **SIMRAN GUPTA** | | **16UME051** | **SULEMAN H ZAIDI** | | **16UME052** | **SURAJ SHUKLA** | | **16UME053** | **VIJAY SINGH DHAKAD** | | **16UME054** | **NAMAN DUBEY** | | **16UME055** | **PULKIT MATHUR** | | 21.11.2017 |