

Seamless Scientific & Holistic Learning Approach to Ignite Scientific Acumen, Instill Values & Social Responsibility

The Institution has embraced holistic learner centric Science Educational Paradigm that

- Nourishes holistic environment to develop scientific, ethical and socially responsible individuals.
- Gives ample scope to be imaginative, creative, innovative and also be emotionally-refined.
- Develops scientific temperament that equips students with skills and habits necessary to make informed decisions and contribute positively to the society
- Round the year Science-based activities to think critically, be resilient and troubleshooting, solution driven.
- Ignite young minds, instigate their curiosity and excitement for STEM.
- Promotes students to be better leaders and decision makers in future and enables to build a nation with socially responsible science graduates.

The Vision and the Mission of the College lays thrust on building scientific temper through various modes. Programmes for students encompass scientific and creative development.

Seamless Scientific and Holistic learning is elucidated as distinct learning environment that provides continuous learning experience as it imparts in or out-of-class learning, academic or non-academic learning, curricular or non-curricular learning, on and off campus experience, formal or informal learning and learning with or without technology. In global scenario to provide holistic education, seamless learning approach is considered as one of the significant game changer in enhancing integrated learning experience.

Seamless teaching and learning environment has evolved in the past decade due to the accessibility and affordability of virtual platforms leading to abundant usage of various ICT tools, creating a comprehensive and interconnected learning experience. Techno-cultural fests have evolved so much due to the integration of all these approaches and has become more popular as students can learn while having fun. The institution has always been pro-active, forward thinking and responsive to the diverse needs of students and accordingly has ensured every department conducts techno-cultural fests round the year, uniquely designed by the students with new themes to provide seamless teaching and learning ecosystem.

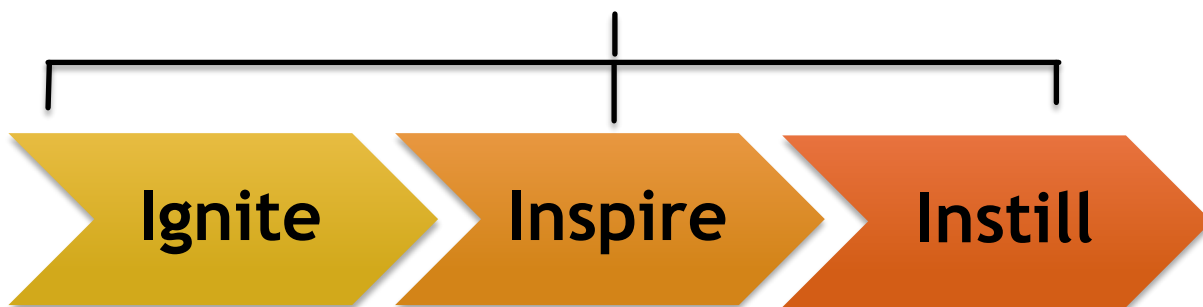
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Vision: To participate in the nation's march towards a knowledge society by nurturing intellectual growth and sound value system in students through Science education



Realization of vision statement by organizing technical Science fests, awareness drives and celebrating Science discoveries



Science-Fests to ignite Scientific Temper

- Micromania
- ATGC
- Biogyrus
- Genesis
- Flora-Fauna
- Rasayana
- Periodox
- Transient
- Sankhya-Ustav
- Siddhantika
- EL-MATICS
- LA-Physique
- KALARAVA
- Oxfo-Ignite
- eGalaxy
- Techkriti
- Spectra
- Bio-Constellation

Celebrate Discoveries to inspire Science Enthusiasts

- National Science Day
- World DNA Day
- Mendel's Day
- International PI-Day
- Ramanujan Day
- Statistics Day
- Boolean Day
- Genius Day
- International Periodic Table day
- World Cotton day
- National Handloom Day
- National Khadi Day

Awareness Programs to instill Values, Social Vigour & Well-being

- World Water Day
- World Earth Day
- World Environment Day
- World AIDS Day
- Mental Health Day
- World Cancer Day
- World Diabetes Day
- World Hepatitis Day
- World Harmony Day
- World Unity Day
- NCC Day
- Youth Day
- National Pollution Day
- World Music Day
- Women's Day

Micromania: Lab-skill competitions along with Fabric painting, microstar, electric heels, logo making etc., are organised.

ATGC: Unique competitions like Forensics, Biomads, Tune it up, #my-video-from-home, Connexion, Emojis rechallenge, Bio-rangoli, are organised to showcase students' skills.

Biogyrus: Industrial Development Program is organised with events like Unveil Ur Intellect to troubleshoot the problems to build problem solving capacity.

Bio-Constellation: Model Exhibition with different scientific themes like Food-Biochemistry, Clinical-Biochemistry, Enzymes in RDT, Sustainable energy, Alternative foods and toxicology.

Genesis: Events like fun with science; Unlock your inner Sherlock, final-destination, aim-speak, nutrigenomics, illusion drawing, accuracy test and twister are organised.

Flora-Fauna: Awareness is provided to safeguard long-term future of world's threatened species and habitats.

Rasayana: Competitions on experiments, that include acid rain, instant-snow, fluorescence, food adulteration, chemistry in crime.

Transient: Competitions like circuit-debugging, Marconi-communication, techtalk, Quizophile and clue-hunt is organised.

Sankhya-Utsav and Siddhantika: Events like quirky-Sudoku, Pythagoras-triplet, dumb-charade, Binomial-game, Chi-Square quiz, Object-Interpolation are organised.

EL-MATICS: Events like Agatha-quizie, Unfair game, Enigma, door-dash, lights-camera-action, Insta-acts, dice and equations, regression and puzzle, zero-fuel are organised.

LA-Physique: Competitions like Zentangle, Crazy-Creators and Everything is Relative! are organised to provide broader knowledge and understanding of different fields of Physics.

KALARAVA and Techkriti: Events like Brilliant-code, Image-fold, Smart-hackers etc are organised to institutionalize model for harnessing creativity and technical expertise of students.

Spectra: Fun-filled technical events like decoder, Agatha Christie Quiz, Spider-web, crystal-maze are organised.

Effort of any event is reflected only when executed and accordingly. Department fests enabled students to work in a team and create more long-term solutions and execution management. It enabled them to explore, share, learn, innovate thereby preparing them for the real world. It not only broadened their knowledge base and technical skills, it also enabled to bring out their talent, inner potential, improved interaction and communication skills, provided opportunities to interact with their peers, build network, develop essential skills like planning, teamwork, leadership and more importantly multi-tasking, augmented soft skills as they learnt time management, prioritise work, follow schedule and respect deadlines.

Celebrating Breakthrough Discoveries of Science play a crucial role in fostering appreciation for Science, encouraging lifelong-learning, empowering individuals to participate in scientific discussions and inspiring Science Graduates to explore. It aims to increase scientific literacy

and raise awareness about the importance of Science in society by engaging students in science-communication and encouraging critical thinking. Events like ‘National Science Day’ ‘Ramanujan Day’, Mendel’s Day, DNA Day etc., bring cognizance to students’ mind about the beauty of science.

“Believing in a greater cause and fulfilling a greater purpose add value to one's existence.”

The Oxford College of Science to empower students in their holistic development in education through scientific knowledge and research, organized several awareness programs. Programs like World Kindness Day, Harmony Day, Unity day sowed seeds of empathy and compassion within the students and prepared them towards self-awareness and contribute to a more inclusive and just society.

Programs like ‘World Water Day’, ‘World Nature Conservation Day’, ‘World Earth Day’, ‘World Environment Day’ enabled students to develop a sense of environmental consciousness. Programs like NCC day, Youth day contributed in understanding the importance of discipline and values in life.

Programs like ‘World Aids Day’, ‘Mental Health Awareness’ World Health Day, World Cancer Day, World Diabetis Day prepared students to imbibe and explore the role and impact of self-awareness on health-outcomes to enhance overall well-being and promote positive health behaviors; physical, emotional and mental health.

Our mission continues to holistically groom the students in every possible way to make them ready for challenges in their future endeavours.

In nutshell, the Institution has made consistent efforts to keep itself abreast of the contemporary context, constantly qualifying its Vision and Mission to respond to needs and challenges of the times, complimented by seamless scientific and holistic learning. At the centre of all the endeavours are students, whose integral development into persons as academically accomplished, STEM oriented, emotionally balanced, morally upright, socially responsible, ecologically sensitive and professionally committed, providing meaning and justification for the existence and continuation of The Oxford College of Science’s renaissance.