

STUDENT CENTRIC METHODS FOR TEACHING AND LEARNING



ST. JOSEPH'S COLLEGE (AUTONOMOUS)

RE-ACCREDITED BY NAAC WITH 'A' GRADE
IRINJALAKUDA, THRISSUR DIST., KERALA



A hand holding a black pen over a document with a bar chart. The document is partially obscured by a dark red and black graphic overlay. The background is a blurred image of a person in a white shirt.

Department of BUSINESS ADMINISTRATION

“The secret of business is to know something that nobody else knows”

- Aristotle

Business administration is a field that requires strong leadership qualities and creative entrepreneurial skills. The department is determined to engrave paths of corporate success for the students through the following student- centric methods:

SEMINARS

The department of business administration conducts resourceful practices every year for the improvement of students’ linguistic, communicative and interactive skills. In the methodology of presenting a thesis paper, the students are assigned to conduct their seminar on a predetermined date which is followed by an interactive session.

CLUB ACTIVITIES

Inculcating efficient co-curricular and extra-curricular practices are a vital objective in building the personality of the students. Numerous activities are conducted to augment the same. The class teachers divide each class into four groups and group discussions are conducted on weekly basis to improve their skills and apprehend the relevant aspects of the subject.

FESTS AND EXHIBITION

The Business administration department continually provides a platform to enrich the students entrepreneurial and personality skills. Events named ‘Speranza’, ‘Rialto Feria’ are conducted to showcase the students’ unique talents and to extend a holistic development.

INDUSTRIAL VISITS

Enhancement of observation skills has a pivotal role in developing the young minds and attaining experience. The department ensures that the students participate in external agencies to strike the ultimatum at their desired careers.



Department of BIOTECHNOLOGY

“Our world is built on biology and once we begin to understand it, it then becomes a technology.”

-Ryan Bethencourt

Understanding the immense opportunities that underlie in the field of biotechnology, the department vows to open doors of possibilities for its aspirants in myriad ways like:

ONLINE COURSES

Various online courses which are provided through the Coursera portal, SWAYAM portal, edX portal and NPTEL portal were introduced to students in order to encourage them to acquire knowledge in related areas. They are more exposed to recent developments in the fields through these online courses. The teachers can also frame their teaching methodologies in collaboration to these online courses to trigger their interest and guide them in their right paths.

LABORATORY AND VIRTUAL LABS

Laboratories become the hub of activity for the department as most of their learning happens in the well guided and regulated environment of the laboratories. The well-equipped lab focuses on increasing the student experience and the knowledge base in the subject. Due to Covid pandemic, parallel practical sessions were carried out in virtual mode. Students were provided with remote access to labs in various courses through different e-learning sites available.

INDUSTRIAL VISITS

Visiting sites and laboratories of prominence plays a

significant part for in-depth understanding of the theoretical aspects. These visits are the most productive learning methodologies that include student participation and involuntary learning process. These expeditions are carried out under the supervision and accompaniment of a faculty to assure maximum outcome.

ASSOCIATION ACTIVITIES

The department spurs with a number of co-curricular activities that ensure exhibition of the student potentials and coverage of the topics simultaneously. Students are encouraged to organize various competitions in connection with commemoration of national days and significant days related to the field of biotechnology. The department regularly organizes invited talks, conferences, seminars and workshops that help the students to get exposed to recent trends in the field of Biotechnology and related areas.

PAPER PRESENTATION IN SEMINARS/CONFERENCES

Students present their research findings in various national and international seminars which will inculcate a research aptitude in them as well as improve their communication and presentation skills.



Department of BOTANY

“Botany is the eldest
daughter of medicine”

- Johann Hermann Baas

The Department of Botany is indeed a nurturing ground for excellence and fresh innovative ideas in the field. The department extends its student-centric activities through the following methods:

HERBARIUM

This provides an opportunity for students to visualize data they learn in class. Herbaria are essential for the study of plant taxonomy as well as they preserve a historical record of change in vegetation over time. The herbarium houses more than 3000 specimens covering 150 families.

MUSEUM

The department also proudly displays the rich museum devoted to the cause of studying the rare species of plants and mountings. The department has more than 1000 specimens. In addition to preserved specimens, it possesses a large collection of permanent slides of live materials as well as fossil specimens.

SEMINAR/WEBINAR/TALKS

The department organizes seminars, webinars and invited talks to fill in the voids of doubts in the minds of the students. It occupies the students with the novel ideas and research aptitudes required for higher education.

VIRTUAL SCIENCE LABS

This approach almost gives hands on experience of learning the subject without much expense. Detailed diagrams, illustrations or close up pictures allow students to virtually get inside a plant without actually doing it.

CERTIFICATE COURSES

The department also paves way for extra certificate courses on herbal cosmetology and natural spa for the students to experiment myriad career prospects. The course includes innovative and novel herbal approaches in the field.

EXPEDITIONS AND LAB VISITS

The department undertakes academically beneficial visits to laboratories and natural spots where students can refine their observational and research skills. These on-site visits provide an imprinted experience on the habitat and environmental culture of their area of specialization.



Department of CHEMISTRY

“It is clear that there is an enormous amount of activity in the field of Chemistry that is accelerating and intensifying.”

- Patricia Thiel

The mission of the Department of Chemistry is to create young chemists for the burgeoning world of possibilities. The department provides ample opportunities that promote student centric learning atmosphere and some of them are as follows:

INDUSTRIAL VISITS AND EXPEDITIONS

The industrial visits and on-site expeditions from the department ensures that the student receive the best learning experience through pragmatic methods. This ensures that the students have deeper understanding and applicatory level expertise in their fields.

STUDENT PROJECTS AND SEMINARS

Student project is a platform for developing personal and social responsibility along with learning experience which students can apply critically and creatively to real life situations. Students acquire the skills of planning, critical thinking, reasoning, problem solving, decision making, creativity and communication skills. Seminars and assignments done by the learners will help them to gain deep and vast knowledge on the related topic.

HANDS ON TRAINING: CISCOM & GEMOLOGY

Theoretical knowledge is fostered by hands-on experience in the form of CISCOM -a special training programme where students prepare essential daily use products and experience entrepreneurial potentials within them. As part of gemology certificate course practical sessions and industrial visits are arranged.

MOBILE LAB, MOBILE QUIZ & MOTIVATIONAL TRAINING

Science popularisation programmes are conducted by our graduate students in nearby schools demonstrating simple laboratory experiments and quiz. The main objective of this programme is to extend the classroom learning to laboratory based practical learning. This boosts the culture of inquisitiveness and scientific temper in students. Motivational training programmes are arranged in the department for advanced learners of nearby schools. Every year Chem week is celebrated as a student centred programme. During that week so many programmes like chem skit, seminars, mobile quiz etc are arranged by the students.

Department of COMMERCE

“Innovation and commerce are as powerful tools for creating social progress as they are for driving technological advancement.”

- Kiran Mazumdar-Shaw

The department is keen in extending its activities to ensure the delivery of effective and efficient learning outcomes. The following are the student centric activities initiated by the commerce department:

CS-ART (Commerce Students in Active Research and Teaching):

To inculcate research aptitude and nurture research culture among students and faculty members, CS – ART in collaboration with CRC (Centre for Research in Commerce) organizes international / national level seminars / webinars and workshops on a regular basis. Students are encouraged to participate in international, national level seminars/ webinars and workshops which help to improve their communication and presentation skill and increases the confidence of the students. Project guidance classes are also arranged for final year UG and PG students. The students are given provision to choose their preferred industries and companies for developing an innovative and relevant project. It makes them capable to expand their skills and develop a prior learning to a working environment . NET/ JRF orientation and training programmes are also organized every year to uplift students to a higher level.

Y WE COM (Young Women Entrepreneurs of Commerce):

To inculcate entrepreneurial culture among students and equip them with the skills , techniques and confidence to act as torch – bearers of enterprise, Y We Com offers inspiration and support to all those students who aspire to become an entrepreneur or have a latent talent of entrepreneurship through the following programmes:

- Meet the wopreneur : Interactions with the experienced women entrepreneurs from different fields are arranged for the students.
- Training classes / workshops: Hands on training will be organized for the students to put in to practice their skills and talents.
- Exhibition cum sale: Exhibition cum sales of the products made by the members of Y We Com will be conducted periodically .

Y We Com provides an environment for students where they can put into practice the theories they learned in the class room . Thus it make the students ready for the new practice of ‘Earn while you learn’.

CAREER GUIDANCE AND INVITED TALKS

Updating the students with new career opportunities is a recurrent activity of the department. The students are motivated to pursue the careers most suited to them. Experts from different areas are invited to elaborate and interact on different aspects of employment sector. It helps students to select the right kind of job-oriented courses which will help them to take their career in the right direction.



Department of COMPUTER SCIENCE

“Computer Science is the
operating system for all
innovations”

-Steve Ballmer

The department of Computer Science relies on the mission of creating a digitally competent generation of youngsters that are capable of recognizing opportunities of the world and utilizing them for the betterment of mankind. Aiding to this mission, the department engrosses on student centric activities that support the holistic development of the student like student projects, assignments, seminars and conferences of both international and national cadres. Some other relevant activities are:

PIXEL

Inaugurated during the academic period of 2016-17, the club fosters the students in promoting their creative ideas (academic and non-academic) and set a stage for the exposure of their creation by identifying their niche in the society. The club has actively organized programs that cater to refine the soft skills through organizing events and social interactions like invited talks, quiz programs and commemoration of subject specific days of prominence.

MOODLE

The department of Computer Science takes extra efforts in making the students meet all the eligibility criteria's expected of them in the corporate world. This is enhanced through introducing various MOODLE courses that address the latest innovations in the field. Every year, the number of students enrolling for the online programs are increasing considering the fruitful outcomes and feedbacks conveyed by the previous batches.

INTER-COLLEGIATE QUIZ AND FEST

The students are encouraged to volunteer and organize programs of academic worth every year. The department extends complete support and guidance in charting the programs and directing the students. Events like TECH-TRIX, CELESTA ZEST and many more guarantee that the students receive the best experience of learning through doing.

INVITED TALKS AND WORKSHOPS

Sharing and receiving knowledge through different resources ensure that the students get familiarized with topics of vast scope and importance thereby expanding their prospects of entering the career world as professional subject experts. The student show zeal in participating and performing in invited talks and workshops within the institution and those held in collaboration with other institution.



Department of ECONOMICS

“Economics is everywhere, and understanding economics can help you make better decisions and lead a happier life.”

- Tyler Cowen

A good economist knows how to take difficult decisions at critical times and optimize the use of limited resources at the best possible way. The department understands this need and offers its aspirants a basic foundation on which they can build up their careers. Focusing on creating self-reliant economists, the department follows the below said methods:

INDUSTRIAL VISITS

The students are offered the best on-site experiences for developing their cognitive as well as logical reasoning capabilities. Visits to reputed industries and sites increase their chances of observing and understanding the nuances in the field.

STUDENT PROJECTS

The students have the flexibility to choose from topics of their interest for their projects. They are resourcefully guided by well-qualified tutors who can help them in their journey of research and learning.

CLUB ACTIVITIES

The students of the department of economics are by default members of the Entrepreneurship Development Club. As part of the ED club, numerous events are hosted and organized for the advancement of the students, like invited talks, seminars, and competitions. This promotes student participation in the events by enhancing their interpersonal and entrepreneurial skills.

INTERNATIONAL CONFERENCE AND WORKSHOPS

Participating and presenting papers in international and national conferences become a highlighted factor of the department. The students can widen their reach through these opportunities and indulge in potential research activities. Additionally, the workshops conducted offer a platform for experiential learning that guarantees productive outcomes.



Department of ENGLISH

“Literature Mirrors Life
through Language”

English for Empowerment is the vision of the department and the students are taught both literature, language and life skills through a variety of innovative activities. The students are encouraged to pursue knowledge beyond their curriculum and develop a research aptitude. The department is vibrant with the student centric activities that ensure maximum student participation. The maxim of learning through doing is promoted. Some of the experiential learning activities of the department include:

EXTERNAL ACADEMIC ACTIVITIES

The department inculcates a student centric learning culture by encouraging students to be active participants in organizing national and international seminars, Invited Lectures, Workshops and Inter-collegiate competitions. These activities help students to not only develop leadership and organizational skills but also to gain academic exposure to emerging trends in their area of study through active interaction with eminent academicians.

ENGLISH ASSOCIATION, MEDIA CLUB, SPEAK ENGLISH CLUB ACTIVITIES

The regular annual programmes of the department like Poets' Day, Sagasse Lit and endowment lecture hone the creative and literary skills of the students. Various competitions, literary fests and quizzes are organized by the department of English as part of encouraging students' involvement in the learning process. Competitions help students to gain substantial practical experience, enhance their leadership qualities, instill competitive spirit and understand their personal aptitude.

STUDENT PROJECTS

The final year UG and PG students are assigned project as part of their curriculum. The project submission on topics of their interest outside their syllabus perfect their research skills. In addition to this, the students also take up innovative projects like recycling of waste material and creating handicraft products. Project Glowe by second PG students teach language skills and Project Supervientes offer a platform for showcasing student skills.

MANUSCRIPTS

The first year UG students compile a student manuscript, “Lit Script” that develops their creative and literary abilities

Such student-initiated pursuits promote the concept of individualized and independent learning thereby aiding in the process of critical thinking and decision making. It can also instill in them the necessary experience for research oriented learning and life skills.



Department of HISTORY

“A generation which ignores history has no past and no future.”

- Robert Heinlein

The department of history seeks to impart quality education and training in all aspects of history and archeology to its students. The following student-centric methods are approached by the department to ensure the same:

HISTORICAL SITE VISITS

The rigorous training imparted by the department includes site expeditions. They venture within and outside the state to gather the finest information and experiences for the students to indulge and learn. The students are accompanied by a trained and qualified faculty to elucidate and guide through their excursion.

COMMEMORATION OF DAYS AND FESTIVITIES

The department plays a commendable role in commemorating festivals of the nations and days of prominence to keep the students aware of the historical eminence behind the festivities. This familiarizes them with mythology and aides in appreciating the culture of different places and time periods thereby indirectly involve in learning.

FOOD FEST

Involving in food fest helps the students in understanding the prominence of different traditional food in our country, the transformation of the cuisine over time and its relation to the history of the nation and the circumstances influencing it. The department initiates this in-

teresting yet educative activity every year that ensures student cooperation and improves skills required to sustain in the outside world.

CAMPAIGNS

Campaigns are a mandatory learning technique adopted by the department for social welfare and upliftment of the student morals. It aides in invoking the social commitment of every individual thereby contributing in societal progress. This objective is achieved by conducting different activities as a part of the campaigns that spreads the message much efficiently amongst the observers and participants.

WEBINARS

The department opts for regular invited talks and national and international seminars to keep the students updated with the scope of the ever-growing field of history. Webinars were chosen as an efficient and safe mode of sharing information and knowledge unhindered during the pandemic to ensure constant learning.



Department of MALAYALAM

“If you talk to person in an understandable language, it goes to his head and when you talk in his language, it goes to his heart”

- Nelson Mandela

The Department of Malayalam stands as a herald in proclaiming the grandeur of Malayalam language and literature transforming them into career oriented individuals with self-respect. The department indulges in the following student centric activities to embark on this mission:

EXHIBITIONS AND WORKSHOPS

The department is eager to encourage the students volunteering in organizing and hosting events like exhibitions and workshops. Exhibitions are held regularly with the help of students to build an atmosphere of creativity and learning. Inter-cultural studies like Lecture Demonstration circuit on Manipuri Dance by a team of 10 members from Manipur promoted through workshops makes them acquainted with different languages and cultures across the nation.

STUDY TOUR AND CLUB ACTIVITIES

Frequent visits to places of historical and cultural significance play a major role in rendering the students with holistic education. The department ensures that the learners enjoy the process of learning through realistic and pragmatic modes of understanding and observation. ‘Thudi Malayalavedi’- the Malayalam Department club conducts various academic as well as extracurricular activities every year for to enhance student participation in every realm of activity

STUDENT PROJECT, SEMINARS AND INTERACTIVE SESSIONS.

Seminars on palm leaf writings, introduction to Sangamagrama Madhava and interactive session with internationally qualified resource persons are a highlight of the department. The students are emboldened to take up creative projects in their subjects that inculcate research aptitude in them.

Department of MATHEMATICS

“Mathematics reveals its secrets only to those who approach it with pure love, for its own beauty.”—Archimedes”

As a center of learning, the Department of Mathematics leaves no stone unturned to transform its valedictorians into great mathematicians. The department ensures a learning culture among its students and promotes research skills thereby promoting a career oriented approach. The following student-centric methods are followed by the department to ensure the optimization of the learning process:

MATHEMATICS ASSOCIATION ACTIVITIES:

Every year the mathematics association conducts an intercollegiate/ Interschool school quiz to spread the true spirit of mathematics among students and to develop a healthy competitive spirit with other institutions. To nurture the research culture among students and faculty, Mathematics Association in collaboration with Centre for Research Mathematical Sciences organizes International/ National level seminars, workshops, webinars and invited talks which indeed fill in the voids of doubts in the minds of the students. It occupies the students with the novel ideas and research aptitudes required for higher education. PG entrance and NET JRF orientation and training programs are organized every year to uplift students to reach higher education and research

SIM CLUB -FUN ACADEMIC ACTIVITIES:

Mathematics has great scope for fun learning activities. The department vouches to experiment with every pliable means to ensure learning. The Department of Mathematics is strengthened with an energetic team of students that constitute the SIM club(Search in Mathematics Club). The students come together and volunteer to host and organize competitive events like Quiz, Game corner, Poster making, PPT competition, Exhibitions etc. These ventures affirm the required skills and abilities for learning mathematics in an enjoyable way.

SKILL DEVELOPMENT/ CAREER ORIENTATION PROGRAMS:

There are a number of skill development and career orientation programmes offered by the department in collaboration with other reputed beneficial agencies with the motive of student upliftment. The skills development programs include courses like Vedic Maths, Industrial Mathematics, Data Analysis using R-Software and MS Excel many more interesting topics to satiate the career needs of the students. Over the years, this initiative has witnessed a growing number of participants and displayed fruitful outcomes. Routine career orientation programme to give proper guidance to choose a suitable job and higher education after undergraduate and post-graduate courses has been given.

MATHZIANA- A Math Science Annual of Higher Mathematics

This is a bold initiative by the students of the mathematics department to document their progressive growth and to familiarize the concept of mathematics synchronous with enjoyment. It also promotes a deeper probability for the students to explore the various chances at documentation, leadership skills and creative abilities. The magazine release procedure becomes a prestigious routine every year with increasing number of student participation and efforts.



Department of JOURNALISM & MASS COMMUNICATION

“I still believe that if your aim is to change the world, journalism is a more immediate short-term weapon.”

- Tom Stoppard

This program introduces the student to the world of media and communication. Here, they are trained for print, electronic and online journalism. This stream also offers allied careers such as advertising, public relations, and technical writing. It indulges in the following student-centric activities:

INDUSTRIAL VISITS AND EXPEDITIONS

Journalism is a branch of study that demands greater experiential rather than theoretical knowledge. The department takes every effort to harness the best out of the students through regular expeditions and site visits that enables the aspirants to self-evaluate the predicaments in their area of expertise guaranteeing skills required for reporting, observing and critical analysis.

HANDS ON TRAINING

The students learn more when they do more. Inspired by this dictum, the department offers a plethora of hands on training programs and activities every year for the students to self-direct themselves through the process. This active learning procedure affirms productive learning activities like news editing, composing and presenting.

CLUB AND EXTRA CURRICULAR ACTIVITIES

The department is equipped with an active club that sets the trajectory for the activities in the department. Every year the students volunteer to host programs like exhibitions, film screening, film reviewing and quizzes that can refine their academic as well as communicative skills.

FLIPPED CLASSROOM MODELS

An innovative teaching process that motivates the students to put in their efforts at peer teaching and resource sharing. This teaching methodology pledges to revolutionize the archetypal classroom teaching methods by contributing more time and efforts into research and collaborative learning.

Department of SOCIAL WORK



“True peace is not merely the absence of war, it is the presence of justice”

- Jane Addams

The Department of Social Work strives to achieve excellence and become a hub of socially committed team of individuals trained efficiently to handle the variables in the constantly fluctuating society. The department builds competent professional Social Workers and imparts value based knowledge through the following student-centric activities:

INCIDENT PROCESS

An incident management process is a set of procedures and actions taken to respond to and resolve critical incidents: how incidents are detected and communicated, who is responsible, what are the tools to be used and what steps are taken to resolve the incident. Incident process helps the Students to evaluate critically. The students collect the incident from newspapers and analyze it in different ways as a group activity.

STUDY TOURS:

Regular study tours within and outside the State, National and International are encouraged by the department to inculcate the values of cultural exchanges among the students. These expeditions are volunteered and organized with the help of students and a supportive team of faculty. Social Work is a dynamic and interdisciplinary field that requires practical training and academic study mainly focusing on Social Welfare Institutions. The prime purpose is to expand the learning environment of the students outside the walls of their classroom and indulge into experiential learning.

CAMPS

The department endeavors camps in Rural, Tribal and coastal areas with the support of forest division, Local Self Government Institutions and Non- Governmental Organisations with the intention of studying, observing and supporting the weaker sections of the society. Through this activity the students and the society mutually benefit by understanding the role of a social worker in a community and understand the life of the people in the community.

EXPOSURE VISITS

Field observation visits are the one of the most realistic modes of teaching that gives first-hand experience of the subject to the participants. In this method, the participants are able to observe the work place and the activities being undertaken. They can estimate the objectives, procedures and working of a determined environment of study. The department of Social work ensures the student's exposure through visiting Children's Home, Government Institutions, Social Welfare Organisations and Hospital Settings. It enhances skills like observation, keenness, discovery, evaluation and writing of reports.

Department of PHYSICS

“The laws of physics is the canvas God laid down on which to paint his masterpiece”

- Dan Brown.

Physics is one of the most important fields of study that fuels up the works done by machines today. Apart from academic excellence achieved through invited talks, national and international seminars, projects, industrial visits, student competitions, important days and space week commemoration the department also lingers on student proficiency through the following methods:

FACULTY EXCHANGE PROGRAMS

The department promotes faculty exchange as part of transforming the learning experience of the students. One of the exceptional programs includes the collaboration with Morning Star College, Angamaly. It offered a rich source of knowledge to the student through resource sharing and evaluative sessions

SKILL DEVELOPMENT PROGRAMS

The department eagerly takes steps to ensure that the students develop new skills required for the constantly transforming field of physics. Highly qualified and trained resource persons are entrusted with the task of enhancing the student capabilities.

OPEN HOUSE

Visits to prospective physics department of other universities and reputed colleges give a general preparatory awareness in developing a practical understanding on the different instrumentations and higher studies opportunities. It also opens a forum for academic discussions and improves research aptitude amongst the aspirants. The department also practices expeditions to other

beneficial industries within and outside the state that can strengthen the concept in the books.

ONLINE COURSES

As part of promoting the culture of online learning amongst the student community, the Department of Physics promotes the undergraduate students, post graduate students and faculty to participate in online courses provided through the Coursera portal, SWAYAM portal, edX portal, NPTEL portal, etc. This can also become an additional point of appreciation during their course of employment.

APT TALENT SEARCH EXAM

All Kerala Physics Association of Teachers (APT) conducts an Annual State level competition for Physics Undergraduates of all colleges in Kerala. The department encourages the students to attempt this task in order to have awareness on competitive exams thereby preparing them academically for career oriented exams.

Department of PSYCHOLOGY

“It is, in a word, that which makes us to be what we are. It is our very selves. The study of it therefore, cannot but be deeply interesting.”

– John Gibson Macvicar

The department of psychology is committed to encourage scientific, investigative learning methodologies that enables critical thinking, observational and statistically sound research aptitudes amongst its aspirants. The following routes lead them in achieving this mission:

LABORATORY EXPERIMENT

Psychological experiments help the students to explore the empirical aspects of Psychological concepts. It also helps the students to find out the solution for problems and how to establish a rapport with others to understand others feelings, emotion and thoughts.

SEMINAR/WORKSHOPS

The department offers a plethora of workshops and seminars on trending topics most revered by the career oriented aspirants. It helps them to develop a solid foundation for study and practice in their field of interest and delve further into research and experience based learning.

ASSIGNMENTS

The students are expected to undertake an assignment in every academic year based on syllabus and in tune with their capabilities and interest. The departments with its rich and highly qualified experts are proficient to guide and train the student community according to their unique needs and support them to complete the assignments in the stipulated time.

COMPETITIONS

Along with the routine competitions that are conducted regularly, the department gives extra focus on quiz competitions that are the best means for subject coverage and are held with grandeur. It is a structural approach that supports in-depth learning of concepts. It also enhances the plausibility of fun learning activities.



Department of ZOOLOGY

The department holds the key to a vibrant exploration of nature and cherishes every opportunity that arrives in discovering the exoticism in the environment. The students gain wide reach not only on the subject but also are able to polish their subject related skills through different student centric activities that arrive in the form exhibitions, student projects, assignments, external seminars and outsourced workshops. Other than these, the following activities ensure that they emerge out as pulsating zoologist:

CLUB ACTIVITIES

The biodiversity club of the department of zoology is an actively functioning circle of students and teachers that organize brilliant and creative events like plantation drives, nature camps at exotic geographical locations, national level quiz programs and national webinars. These activities ensure that the student engage in pragmatic modes of learning refining their observatory and critical thinking skills.

STUDY TOURS AND INDUSTRIAL VISITS

Study tours and industrial visits enable the students to comprehend their subject through interaction, working methods and employment practice. The department has undertaken visits to places of zoological prominence like museums, zoological parks and bird sanctuaries. As part of collaborative efforts, the department also embarks on field expeditions to reputed universities and colleges that offer better insights into complex topics that require advanced learning strategies.

HANDS ON TRAINING

Training workshops and practical sessions help the students to steer clear of doubts and misunderstandings. It equips them with practical knowledge and expertise in the domain. Activities like blood detection, analyzing urine glucose levels, DNA isolation, BMI calculation, specimen identification and many more become an integral part of the academic routine in the department.

PARTICIPATIVE LEARNING

Learning becomes effective when the student get an opportunity in participating in the learning process. The department offers interactive session with outsourced qualified subject experts to address the clarification that may arise in the curious minds. This also familiarizes the students with research potential topics that can motivate them to advance in their career and academic trajectories.

“Like the human and other sciences, zoology has arisen from that vague uncoordinated and unresolved mass of knowledge...which undertook to comprehend all there was of nature and thought”

-Henry Crampton



Department of COSTUME AND FASHION DESIGNING

“Fashion is part of the daily air and it changes all the time, with all the events. You can even see the approaching of a revolution in clothes. You can see and feel everything in clothes.”

- Diana Vreeland

The department of Costume & Fashion Designing is constituted with passionate faculty that narrows down their expertise to provide the students with the best guidance to find their niche in the booming industry. The following student centric methods are adopted by the department to strike the target:

INSPIRATIONAL DESIGN

The best designs and patterns are visible when we look closer and deeper into the nature. Acknowledging this fact, the department advocates the student activity to be focused on inspiration received from their immediate environment. This improves the student observational skills and creativity which are the most revered qualities in a budding fashion expert. The inspirational designing method makes the students able to design a garment in any context.

OUT-DOOR LIVE SKETCHING

The students are taught the Perspective view drawings by the live sketching technique. The one point, two point and three point perspective drawings found around them in the nature were sketched by the wards. This student activity ensures that the wards take notice of even the minute details that complete the main frame of the object in inspection. Instead of communicating the theoretical aspects, the students are encouraged to self-discover the tactics through proper guidance.

VIRTUAL FASHION SHOW

It gives immense satisfaction to the designers when they


see their design on the ramp. Using the online platform the students explored their creativity at its best. This also helps the students to evaluate their works with others and understand the areas that require extra effort and attention to excel beyond comparison. The students come up with creative themes and choreography to make the virtual event further engaging.

ORIENTATION PROGRAMS

Orientation programs are held in the beginning of first year as part of acquainting the students with the outcomes and expectations of the course program. They go through interesting activities and interactive sessions that can boost their confidence levels and set their preparatory track for the course work.

WEBINARS

The department organizes advantageous webinars and talks for the students to gain maximum exposure to the outside practical world. Interaction with qualified and authentic resource persons opens routes to expanding their contacts and supports with guided entry into the competitive world of fashion.



Department of APPLIED MICROBIOLOGY FORENSIC SCIENCE

“Forensics is eloquence and
reduction”

- Gertrude Stein

The department of Microbiology and Forensic Science provide huge space for the students to practice their subject. The students engage in productive curricular activities that imprint the required knowledge in their memory. Other than the usual academic activities like student projects, assignments and paper presentations, the following student centric activities are adhered by the department for the same:

LABORATORICAL AND INDUSTRIAL VISITS

The department uptakes regular educational visits to chemical laboratories and beneficial industries that can aid the students with knowledge gained through observation and pragmatic methods. This kind of learning methodology helps the students to gain an insight into the nuances that become impossible to be conveyed through lecture mode of teaching.

CLUB ACTIVITIES AND FUN ACTIVITIES

The department works efficiently with the help of an operative club that host and organizes fun activities for the students and ensures learning. The club activities include puzzle weeks- students design puzzles and interact with the mob to formulate awareness about their subject and its importance, creative sessions like cartoon series where students address the present social issues in the form of cartoon series and exhibitions that displays the creativity and understanding of the concepts.

HANDS ON TRAINING

Hands on training programs promote kinesthetic learning through trial and error methods and analyze the gaps between theory and practice. The programs are carefully organized by the department based on the needs of the students. The student acquires essential experience and knowledge by practicing in a regulated environment under the guidance of a trained faculty.

INVITED LECTURES, WEBINAR SERIES

The department ensures that the students receive the best resources for learning to back them up in their academic journey. Invited lectures, webinars and externally funded workshops hosted in coordination with subject experts around the world ensure that the potentials of the students are directed in the correct way. The interactive sessions provide the students with the chance for clarification and orienting them for employability.



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