

A Report
on
Induction Programme
For
Students of B.Sc. Chemistry
Semester-5/6

Year 2022-23

H. and H. B. Kotak Institute of Science, Rajkot

Report on Induction Programme for Students of B.Sc. Chemistry Semester-5/6

Purpose of Student Induction Programme is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the department, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration. To fulfil this purpose, an induction programme was conducted on 1st June, 2022 at 12.00 pm by department of chemistry H. and H. B. Kotak Institute of Science, Rajkot for students who have opt chemistry as major subject in semester 5 and 6.

Venue: T.Y. Chemistry Classroom, Room No-19

Date and Time: 1st July 2022 (Friday)

Intended audience: Students of Semester-5/6 enrolled in Chemistry subject

Objective:

The objective of this event was to aware students about scope and career opportunities in various branches of chemistry, to give them idea about theory and practical syllabus, project preparation, field visit, internal evaluation, external examination, placement procedure and to give some necessary basic information of co-curricular activities etc. The alternative aim of this programme was also to motivate students to work for their development in curricular and co-curricular fields of their interest.

All the teaching faculty members and 80 students enrolled in Chemistry as major subject in semester-5 and 6 remained present in this event. The programme was organized under the guidance of Head of the Department Dr J. C. Javiya and anchored by Dr. N. U. Pandya. As per the ancient Indian tradition, the event was commenced with a holistic prayer by the student Hemangi Mehta.

Next to it Head of the department Dr J. C. Javiya was invited on stage to deliver information about the scope and career opportunities in the various branches of chemistry. He addressed that after completion of graduation in chemistry, students can either opt for higher education i.e. M.Sc. and Ph.D. or they can also get enrolled in DMLT or B.Ed. Also, students were motivated to start preparation for competitive exams such as NET, SLET, GATE, IIT-JAM, UPSC, GPSC etc as per their interest as aforesaid all the exams will lead students to get some of the best higher position in Indian government institutions.

The spectrum of theory syllabus was elucidated by a senior associate professor Dr Dharti Joshi. She briefly mentioned that each semester-5 and 6 consists of three theory papers i.e. Inorganic Chemistry and Industrial Chemistry, Organic Chemistry and Spectroscopy, Physical Chemistry and Analytical Chemistry and practical sessions are also categorized in Organic chemistry, Inorganic Chemistry, Volumetric Analysis and Physical Chemistry practicals. She also delivered the information about unavoidable laboratory manners and instrument operating procedures.

Dr J. V. Padaliya, associate professor, department of Chemistry described and elaborate about industrial visit, project preparation methodology and Viva-voce as it is part of semester-6 curricular. He explained that Industrial visit can

provide the students an insight regarding the internal working strategy of companies as theoretical knowledge is just not enough for a successful professional career.

Dr P. K. Kasundra, who is training and placement officer of the college explained that how students can participate in job fair organized every year by government of Gujarat where corporate (employer) organization recruits the required talent pool from the academic campuses and how they can get employed by various employers after completion of semester 6.

Government of Gujarat is running one certificate training programme for students of semester-5 and 6 with the aim of providing personality development aid to final year students so that students can represent themselves in front of employer with good communication skill and basic interview etiquettes. Dr Jalpa Harsora, assistant professor of chemistry department who is also working as Co-ordinator of Finishing School programme gave guidance about the programme, trainers of programme, duration of programme etc and motivated them to join this training initiative.

Government of Gujarat has developed a policy for providing assistance to Startups/Innovation, and co-ordinator of this SSIP scheme is Dr. Nilay Pandya, assistant professor, Chemistry department. He mentioned that under this scheme, any individual/group of individuals having innovative idea/ Concept will be eligible and/ or Universities/ education institutions, Incubation Centre/ PSUs/ R&D Institutions/ Private and other establishments will be eligible as an institution to support and mentor to innovators. The Student Startup & Innovation Policy of Government of Gujarat aims to create an integrated, state-wide, university-based innovation ecosystem to support innovations and ideas of young students and provide a conducive environment for optimum harnessing of their creative pursuit.

It is easy for any educational institute to do the good management if students follow some rules and regulations designed for students to provide good educational environment. In this context, Dr Chirag Fultariya aware students about classroom and Laboratory etiquettes and communication system of the department.

At the end programme was kept open for students for discussion of doubts. Many students raised questions about admission in various courses after completion of graduation and different job opportunities. Their questions were satisfactory answered by faculty members of chemistry department.

Photographic glimpses of the event

