

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

One Day national Conference on "Modern Trends in Chemistry"

Report on National Conference
on
"Modern Trends in Chemistry"

One day National Conference on "**Modern Trends in Chemistry**" was organised by Department of Chemistry and IQAC of RR Mehta College of Science and CL Parikh College of Commerce, Palanpur, managed by Banaskantha District Kelavani Mandal. The conference was organised in collaboration with Gujarat Council of Science and Technology (**GUJCOST**), Government of Gujarat, on 13th March, 2022.

The inaugural function of this conference began with a prayer. Principal Dr YBDabgar welcomed all the dignitaries and delegates. He enumerated how the College has progressed even in rural area like ours. Dr GDAcharya, Organizing Secretary gave detailed information about the conference. He informed the audience that as many as 108 research papers, in both oral and poster categories were received. He described the response as "overwhelming". Dr KVMehta, Joint Secretary and Anchor of the inaugural ceremony introduced the invited guests and explained the audience as to how this National conference was the second one of its kind in the history of Chemistry Department of our college. The vote of thanks was expressed by Dr KC Patel.

The nine sub-themes of the conference are as follow:

- (i) Green Chemistry
- (ii) Medicinal Chemistry
- (iii) Nano-Chemistry
- (iv) Synthetic Chemistry
- (v) Computational Chemistry
- (vi) Environmental Chemistry
- (vii) Analytical Technique
- (viii) Natural Products
- (ix) Organometallic Compounds


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Schedule of the conference

Time	Activity
09:30 AM to 10:30 AM	Registration and Breakfast
10:30 AM to 12:00 PM	Inauguration Session: Anchoring: Dr. Kiran V. Mehta <ol style="list-style-type: none"> 1. Prayer – MSc Students (3 Min) 2. Welcome Address – Dr YB Dabgar (3 Min) 3. Lighting of the Lamp – (2 Min) 4. Welcome by Bouquet – (2 Min) 5. Conference Background - Dr GD Acharya (3 Min) 6. Address by the VC – Dr JJ Vora (10 Min) 7. Introduction of Keynote Speaker – Dr KV Mehta (2 Min) 8. Keynote Address – Dr Anamik Shah (Former Vice-Chancellor)(60 Min) 9. Presidential Address – Shri Sunil Shah (3 Min) 10. Vote of Thanks – Dr KC Patel (2 Min)
12:00 PM to 01:00 PM	Technical Session - I Invited Talk: (60 Min.) Shri Bakkiyaraj G. (Head of the Department, QC, Zydus Hospira Oncology Pvt. Ltd.(Zydus Pfizer) Ahmedabad) (Introduction and vote of thanks – Dr SI Gatiyala)
01:00 PM to 2: 00 PM	Lunch-Break
02:00 PM to 03:30 PM	Technical Session – II <ol style="list-style-type: none"> 1. Oral Presentation – Room No. 3 & 4 (Science Building) 2. Poster Presentation – Science Building
03:30 PM to 04:00 PM	Tea-Break
04:00 PM to 05:00 PM	Valedictory Function: Anchoring: Prof. Vijay I. Parmar <ol style="list-style-type: none"> 1. Comments of Judge of Oral Presentation 2. Comments of Judge of Poster Presentation 3. Prize Distribution 4. Participant's Feedback 5. Address of Dr KD Samal 6. Address of Dr MV Hathi 7. Vote of Thanks – Dr KV Mehta

Prof. J. J. Vora, Vice Chancellor of HNGU, Patan, delivered an inaugural speech. Prof. Anamik K Shah, Former Vice Chancellor, Gujarat Vidyapith, Ahmedabad, delivered his key-note lecture whereas Mr Bakkiyaraj G., Zydus


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Hospira Private Limited, Ahmedabad, invited guest speaker, delivered informative and interesting lecture on the subject.

In his inaugural speech, Prof. Vora emphasized on how to utilize industrial equipments and how to undergo research in chemistry. He encouraged the participants to do more research in new areas for the betterment of society.

In his keynote address on **“Bridging gaps in Drug Discovery: Role between Academia, Institutions & Industries”**, Prof. Anamik Shah, explained various models of involvement and collaborative partnership with all stake holders, i.e., academia, institution and industry and learning outcome of such models in India. Many successful models across the world by the big pharma universities, their spin-off companies and also small but smart biotechnological contract clinical research organizations (both type CRO) at various stages are putting their efforts to arrive at fast-track drug discovery from clinic to market linking discovery, preclinical and phase I, II, III & IV. In the post COVID-19 scenario, accelerate Drug discovery has become a most important aspect for any nation, for the wellbeing of large population. He said his talk will address ways & tools used for new anti-TB drug development over the time; and some milestone contribution of author's group in this area of concern.

Few case studies of success stories of Drug Discovery by collaborative efforts with various Pharma companies in India from presenter's research group and ecosystem of innovation & opportunities in drug discovery was presented in this talk.

In his invited guest lecture on **“Chemistry Key in Modern Pharma Industry”**, Mr. Bakkiyaraj G. enumerated that Chemistry is a key and plays vital role in all industries in the world. He said that this one day National Conference on "Modern Trends in Chemistry" was an excellent choice and nice efforts by Chemistry Department & IQAC of RR Mehta College of Science & CL Parikh College of Commerce, Palanpur for bringing together, connecting and igniting all chemistry


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minds with multiple knowledge sharing events. He wished all the students, teachers and researchers to achieve their learning goals and experience through this national conference.

In the conference, oral and poster presentations were organised wherein large number of students, researchers and faculties presented their research and study.

Total 190 participants were registered for the conference. 17 registrations were from other states like Rajasthan, Maharashtra, U.P., M.P. and Karnataka. 173 registrations were from the Gujarat state.

36 oral presentations and 72 poster presentations in the conference were registered. The best presentations, both in oral and poster presentations were awarded prizes and the winners were felicitated with certificates. Dr PJ Vyas, Dr GR Patel, Dr MP Brahmhatt from Sheth MN Science College, Patan and Dr MK Thakor, Dr RT Patel, from Science College, Mehsana and Dr RS Dave, Dr GR Jani from Science College, Pilvai and Dr Sangita Suthar from MN Science College, Visnagar, rendered their services as Judges of the oral and poster presentations. Many stakeholders contributed for the success of this National Conference. They are honourable trustees, directors, faculties, participants, principals of various colleges, our advertisers, well wishers, our PG students and others. The Conference brought it to the notice of the participants that the chemistry has developed as a part of the human life and without Organic Chemistry it is difficult to maintain our current standard of living. To improve our quality of life, number of new technologies like Nanotechnology, Green Chemistry, Medicinal Chemistry, Polymer innovations have become important.

The valedictory ceremony was graced by our campus directors Mr Apurv Mehta and Dr KD Samal, former campus director Dr MV Hathi, Dr MK Thakor, chairman of Board of Studies, Chemistry, HNGU, Patan, Dr PJ Vyas, Principal of


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Sheth MN Science College, Patan, Prin. Dr Y B Dabgar. Dr GD Acharya, Dr KV Mehta, Dr KC Patel, Dr SI Gatiyala, Dr MR Solanki, Dr PS Patel, Shri Milan Dave, Shri Mahesh Patel, Dr. KK Mathur, Prof. Vijay Parmar, teaching and non-teaching staff members, by their sincere contribution, made the event a grand success. Prof. Vijay Parmar the in-charge of the valedictory programme. Dr KV Mehta expressed vote of thanks.

This one-day conference proved to be fruitful, successful and became a memorable event for all the participants and all stakeholders.

Organizing Secretary


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