

About the City

Palanpur is the District HQ of Banaskantha, situated in the northern part of Gujarat, which was earlier known as Prahladanpur, popular for *Attars* (Perfume) and *Shaayri* (Gazals). The city is also famous for being the center of diamond tycoons in the world.

Travel and Route

Palanpur City is located on Ahmedabad-Delhi Highway, and can be reached both by road and rail. There is direct train connectivity from Bangalore, Coimbatore, Mysore, Trivandrum, Chennai from south, similarly from Mumbai and Pune in the west, and Jammu, Punjab, Haryana, Rajasthan, Delhi and Uttarakhand in north. The rail distance from Delhi to Palanpur is about 800 kms; 650 kms from Mumbai, 140 kms from Ahmedabad, 75 kms from Mehsana, 55 kms from Ambaji and 50 kms from Abu Road (Rajasthan). Nearest Airport to Palanpur City is Ahmedabad.

Climate: January is mildly cool and wintry.

Aim of the Conference

1. To bring together the researchers, scientists, industry personnel, teaching community and students from all the subjects of Basic Sciences like Physics, Chemistry, Botany, Mathematics, Microbiology, Geology, Computer, Life Sciences, Technology and so on.
2. To provide a platform for interaction between industry and academia to understand the needs of society.
3. To raise awareness and importance of basic sciences for sustainable development, in accordance with national priorities and needs of the industries.

Accommodation

Accommodation is available for students in college dormitory of the campus, however, they have to write in advance, for which they have to pay Rs. 200/- extra towards tariff. Hotel accommodation may also be arranged on request for which additional charges ranging from Rs. 800/- to Rs. 1000/- per person per day should be remitted in advance.

Places of Interest

Ambaji Temple: The Ambaji Temple is an important Shaktipiths (revered religious place) of India, which is about 55kms away from the College. Thousands of the devotees flock every year for *darshan* of the Devi. Other than this, there are Koteswar Temple, and other famous Jain Temples.

Gabbar-hills Ropeway: An exciting tourist place for adventure.

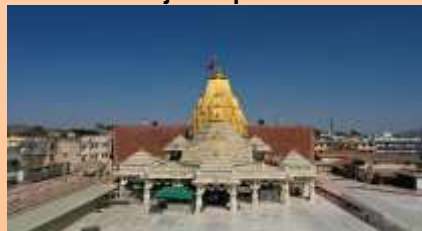
Balaram Temple: This temple near Chitrasani, famous historical temple of Lord Shiva. The scenic beauty of the place adds value for one's visit.

Mount Abu: The famous hill-station is about 70 kms from Palanpur.

Balaram Resort: Although the resort is privately owned, it is famous for shooting TV Serials and Pictures. Still, one can visit for change of taste.

Sanctuary: Jessore and Balaram-Ambaji are famous sanctuaries located nearby; its picturesque lush green hills form the heart of Jessore Sloth Bear and Balaram-Ambaji wildlife Sanctuary make one memorize the place.

Ambaji Temple



Balaram Resort



Gabbar Hill Ambaji



Mount Abu



Call for Paper

Abstract of the paper not exceeding **300 words typed on A-4 size** paper along with soft copy be sent to the organizing Secretary.

Title: Font size 12 in Bold and Capital letters with only Presenter's name underlined.

Text: MS Word in Times New Roman with single space and justified.

- Participants are requested to e-mail abstract and full text of their papers in soft copy to Organizing Secretary on: **rbset2023@rrmcscplpcc.ac.in**
- **Last date of receipt of abstract: 15th Dec, 2022.**
- **Last Date of receipt of Full Text: 20th Dec, 2022.**

About Poster Presentation

The size of the poster should not exceed 100 cm (height) and 90 cm (width). Posters should be precise - bearing the name of author(s), introduction, material and methods, results and discussion and conclusion. All posters be written in English, and the content of the poster be readable from at least 1.5 m distance.

Proceedings of the Conference

Selected full papers will be published in peer-reviewed/UGC Care listed journal, for this participant has to pay extra as per journal norms.

Themes to be Pondered : Sessions will include invitees' Lectures/ Research Papers Oral/ Posters Presentation.

Themes and Sub-Themes

1. Advances in Physical Science for Sustainable Development (Atomic, Molecular, Nuclear, Condensed Matter, Crystal Growth, Thin films, Nano-materials, Astrophysics, Plasma Physics)
2. Advances in Chemical Science & Pharma Industries for Sustainable Development. (Green, Medicinal, Nano, Synthetic Chemistry, Computational, Environmental, Analytical Techniques, Organometallic Compounds)
3. Advances in mathematical sciences. (Graph theory, Special Functions, Linear algebra, Number Theory, Numerical Analysis, Differential equations, Topology, Modeling, Operation research)
4. Biodiversity: Management & conservation
5. Plants, animals and Microbial Systematics
6. Recent trends and advance techniques in biological sciences
7. Basic Science and Technological Development
8. Advances in Renewable Energy Sources for *Atma Nirbhar Bharat*.
9. Spectroscopy Techniques and Applications.
10. Multidisciplinary Environmental Studies for Sustainable Development

Registration

Interested participants for the conference are requested to send registration form with fee receipt by email to the Organizing Secretary latest by **15th Dec, 2022.**

- ❖ **Important Dates :** i. Submission of Abstract: **15th Dec, 2022**
ii. Notification for acceptance of research papers: **20th Dec, 2022**

Registration Fee

Participants' Category	Up to 15th Dec., 2022	After 20 th Dec., 2022
Faculties & Professionals	600/-	700/-
Research Scholars	400/-	500/-
PG Students	300/-	350/-

Bank Details

A/c. No: 50100132142254
IFSC Code: HDFC0000335
HDFC BANK

(After registration, please **take screenshot** of successful payment of transaction)

- ❖ For more details, kindly visit www.rrmcscplpcc.ac.in

For Registration [Click Here](#)



One Day

National Conference

on

“ROLE OF BASIC SCIENCES
IN EMERGING TECHNOLOGIES”

(RBSET-2023)

6th January 2023, Friday



Jointly Organized By

Physics Department & IQAC

RR Mehta College of Science &

CL Parikh College of Commerce,

Palanpur - 385001, Dist : Banaskantha (NG)

Phone: 02742-259957

Email: rbset2023@rrmcscplpcc.ac.in

Website: www.rrmcscplpcc.ac.in

Host

The Banaskantha District Kelavani Mandal,

Palanpur Managed

RR Mehta College of Science &

CL Parikh College of Commerce,

GD Modi Vidya Sankul,

Opp ST Workshop, Highway,

Palanpur - 385001, (BK) Gujarat



ABOUT MANAGEMENT

Banaskantha District Kelavani Mandal, Palanpur is a Public Charitable Trust, established in the year 1961 with an aim to provide higher education to the less privileged students of this region. The Trust has been a pioneer in the northern part of Gujarat to introduce inclusive education to all, and to some extent we have succeeded in achieving this. However, we thrive to foster an over-all development of the students who are unable to access higher education at far off places.

ABOUT INSTITUTE

RR Mehta College of Science and CL Parikh College of Commerce is one of the six constituent colleges under the Trust, established in the year 1965. It is affiliated to HNGU, Patan. It is the oldest and premier college in Banaskantha District, which is one of the multi-faculty institutes in northern part of Gujarat. From UG to PG, it imparts higher education in more than seven disciplines. The College is in 3rd cycle of NAAC and GSIRF.

ABOUT THE PHYSICS DEPARTMENT

Department of Physics of this College is playing role of a facilitator in the realm of research and development. This is the only department that initiated research in the subject of Physics under the HNGU, Patan. We take pride that a large number of students awarded with PhD Degree in Physics under the University are from this department only. Apart from this, a good number of research papers are published and presented by Physics Department regularly. The faculty of the department has participated five international events abroad and has completed two UGC supported research projects till date. The department also runs Astronomical Club and Innovation Club in the interest of students and society.

ABOUT THE CONFERENCE

Recently the UN General Assembly has declared the year 2022 as the 'International Year of Basic Sciences for Sustainable Development'. The International Science Council recognizes the effort, intent and objective of the UNGA to keep basic sciences as the necessity for overall sustainable development. Broadly, it includes the disciplines of Physics, Mathematics, Chemistry and Biology as they provide the fundamental understanding of natural phenomena and the processes by which natural resources are transformed through modern technology. The scientific research continuously generates knowledge that shapes an all-inclusive developed society through the emerging technologies. The national conference will have a unique opportunity to convince researchers, scientists, academicians, students and common people that when the basic sciences are applied, it gives effective, efficient and sustainable results to the society and the planet earth. While fostering it with imagination, the multidisciplinary knowledge of basic sciences generates new ideas and knowledge that caters the well-being of humanity, particularly in diagnosing critical health issues, the food quality and environment challenges. It is realized that the emerging technology is heavily dependent on most of the fundamental scientific knowledge what we call basic scientific research. Although such research does not solve critical and complex problems, it opens up with new vistas stimulating other scientific experiments. Still, the contribution of basic sciences and its research has not been appreciated as it should have been. Indeed, it is not always apparent, even for highly trained scientists that specific basic research leads to innovations, and that ultimately becomes the catalyst to resolve future problems. The main objective of the conference is not only to spread awareness of the basic sciences among the young researchers, but develop a passion towards such an incredible subject that is critical for sustainable development through modern technologies. We are all subjected to complex and yet universal issues for which solutions to be found out that is long-lasting and relevant. Therefore, with the support of Banaskantha District Kelavni Mandal, Palanpur we are organizing the National Conference on "Role of Basic Sciences in Emerging Technologies".



REGISTRATION FORM

One Day National Conference



on

“Role of Basic Sciences in Emerging Technologies”
Jointly organized by Physics Department & IQAC

6th January, 2023

Name: _____

Designation: _____

Institutional Address: _____

Whatsapp Mobile/ Phone with STD Code: _____

E-Mail : _____ Gender: _____ Age: _____

Interested in Participation Only

Oral Presentation

Poster Presentation

Interested in (Young Scientist Award) Oral Presentation

Poster Presentation

Subject: _____

Title of the Paper: _____

Transaction ID: _____ Date _____

Need Accommodation? Yes No

Sign of Head of Institute.....

Sign of the Participant.....

[For Registration Click Here](#)

Encl: Participants are requested to enclose the registration form with the fee details, however, those are presenting the papers, are requested to attach the abstract on or before 15th Dec., 2022 on the following ID:

Email: rbset2023@rrmcscclpcc.ac.in

For more details contact to

Dr RJ Pathak

**Organizing Secretary,
Head, Department of Physics
RR Mehta College of Science &
CL Parikh College of Commerce,
GD Modi Vidya Sankul, Opp ST Workshop, Nr Highway
Palanpur - 385 001 (North Gujarat)
Mo: 9662030181, 9512405166, 9974712324**

Patron Shri Sunilkumar B Shah
Secretary, Banaskantha District Kelavani Mandal, Palanpur

Inaugural Speech Dr JJ Vora, Hon'ble VC, HNGU, Patan

Keynote Speaker Prof (Dr) -----Scientist, ISRO, Ahmedabad,

Invitee Lecture Dr US Joshi, School of Science, Gujarat University, Ahmedabad
Dr MM Khandpekar, Materials Research Lab, Kalyan ,Mumbai

Convener Dr YB Dabgar, Principal, RR Mehta College of Science &
CL Parikh College of Commerce, Palanpur, Mo 9426041340

Organizing Secretary Dr RJ Pathak, Head, Physics Department
Mo 9662030181
Dr KV Mehta, IQAC, Coordinator
Mo.9512405166

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