



CALL FOR PARTICIPATION
B.Sc. & M.Sc. Students
 (Physics-Chemistry-Biology -
 Mathematics)

REGISTRATION
Registration Link:

<https://forms.gle/4B12y7SoTJAYHiRJA>

No Registration Fees.

8th-9th April, 2021

SCIENCE MANTHAN - 2021



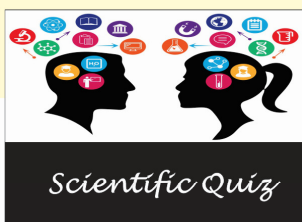
THEME : Science & Technology for "ATMANIRBHAR BHARAT"

It has been well recognized that if India were to succeed and fulfil the dreams of great visionaries of the country, it has to foster scientific temper and creativity into the minds of young citizens. Various ways of inducing scientific temper includes scientific literacy, scientific attitude, scientific thinking, scientific method, scientific perception and scientific habit. Towards achieving this goal, meaningful brain storming and subsequent proactive implementation of ideas generated is needed. CHARUSAT's SCIENCE MANTHAN – 2021, a 6th event of the series, provides a continual platform for budding scientific minds to discuss their innovative concepts in a common platform.

Events



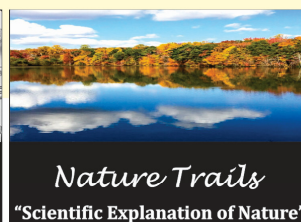
Talk



Scientific Quiz



Science to Business



Nature Trails
 "Scientific Explanation of Nature"

P. D. Patel Institute of Applied Sciences (PDPIAS)

PDPIAS patronised by late Shri. P. D. Patel Emirates Transformer & Switchgear Ltd, Dubai, is one of the constituent Institutes of CHARUSAT. It was launched in 2007 to impart postgraduate education and conduct research in emerging areas of Applied Sciences such as Biological, Chemical, Mathematical and Physical Sciences. A number of sponsored projects by DST, DBT, BRNS, UGC, GUJCOST, etc. along with industry supports are being undertaken at the institute by the faculties. PDPIAS is ranked 26th and 24th at national level by NIRF 2019 and NIRF 2020 respectively.

Charotar University of Science and Technology (CHARUSAT)

CHARUSAT is established with a vision to become a dynamic global institute through excellence in teaching, research and social contribution. CHARUSAT is established under the Gujarat state Act No. 8 of 2009, Government of Gujarat and recognized by UGC to award degree under section 22 of UGC act 1956. CHARUSAT offer 72 programmes in Engineering, Pharmacy, Computer Application, Management, Applied Sciences, Nursing, Physiotherapy and Paramedical Sciences & Healthcare (CHARUSAT Hospital).

COMMITTEE MEMBERS

Chief Patron

Shri Surendrabhai Patel, President, CHARUSAT

Patrons

Prof. M. C. Patel, Secretary, CHARUSAT
 Prof. Pankaj Joshi, Provost, CHARUSAT

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Dr. Devang Joshi
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 Prof. R. M. Patel
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 Prof. A. B. Patel
 Dr. Gayatri Dave

Conveners

Dr. Rucha Desai (9426596644)
 Dr. Vaibhav Patel (9825685379)
 Dr. Tapan Patel (9909154642)
 Dr. Jimit Patel (9909236460)

Contact:

P D Patel Institute of Applied Sciences
Charotar University of Science and Technology (CHARUSAT),
Changa - 388421, Gujarat, India.
(O):02692265192 (Between 9:00 am to 4:30 pm except 3rd Saturday and Sundays)
Email: science.manthan@charusat.ac.in

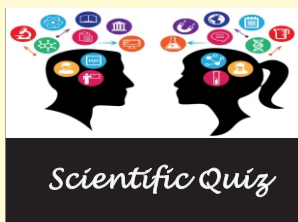
SCIENCE MANTHAN-2021: GUIDELINES FOR EVENTS



- Individual Participation
- Unlimited entries per college
- Prepare presentation on topic of your interest
- Live talk
- Time limit – 3 minutes (Max.)



**TOP PERFORMERS WILL
GET A CHANCE TO HAVE
3 DAYS HANDS ON
TRAINING @ CHARUSAT**



- Individual Participation
- It will be a repository of 60 questions from a wide range of categories of all branches (in max. 1 hour).
- 15 questions from each branch (Biological / Chemical / Physical / Mathematical Sciences).
- In case of any disputes, the decision taken by the quizmaster or the quiz organizers shall be considered final.



- Maximum participants: Up to 3 per group;
- Unlimited number of groups per college
- Explain how your idea can be used to develop any business, potentiality to develop business based on novel scientific concept.
- Live explanation



- Maximum participants: Up to 3 per group
- Unlimited number of groups per college
- Click one photograph from surrounding nature and explain science involved in it.
- ONLY 1 photo per group
- Time limit – 3 minutes (Max.)
- Explain ONLINE

Academics @ PDPIAS

B.Sc. and M.Sc. Programs @ PDPIAS

- Biotechnology, Microbiology, Biochemistry (B.Sc. + M.Sc. Dual Degree) *
- Advanced Organic Chemistry (M.Sc.)
- Physics (B.Sc.+ M.Sc. Dual Degree) *
- Physics (M.Sc. Specialization in Astrophysics and Cosmology)
- Mathematics (M.Sc.)

* Exit option available after B.Sc. and lateral entry for M.Sc

Ph.D. Programs @ PDPIAS

Biochemistry
Microbiology
Physics

Biotechnology
Chemistry
Mathematics

RESEARCH @ PDPIAS

- Project Worth : **Rs. 1050 Lakhs**
- Funding Agencies : **DST, DBT, GUJCOST, DAE**
- No. of peer reviewed Publications : **350+**
- No. of patents : **10**
- No. of Books/ Book Chapters : **20**

SALIENT FEATURES OF PDPIAS

- ❖ Contemporary curriculum and pedagogy
- ❖ Interactive Seminars and Dissertation Project
- ❖ All faculty members are Ph.D. qualified
- ❖ Mentoring for competitive exams and career counselling
- ❖ Summer Training in reputed Institutes such as BARC, TIFR, CCMB etc.
- ❖ Student Counselling System
- ❖ Industrial Visits and Training
- ❖ Visiting/adjunct professors and Scientists from prominent National/International Universities
- ❖ Sponsored research projects from national funding agencies such as DST, DBT, BRNS, UGC, GUJCOST, etc.
- ❖ Industrial and consultancy projects
- ❖ MoUs and Collaborations with National and International Universities and Industries