

# NEO CONNECT

IN TOUCH - IN TUNES



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# Executive Director's Desk



## **MESSAGE**

I am glad to present to you, our own newsletter made with collaborative efforts of our talented students and hardworking faculties. The idea is to publish a newsletter to provide an insight to both groups- within the institute and others who are eager to join with us. As students and faculties are an integral part of the system, it is important to strengthen the community by recognizing accomplishments, giving credits when it's due and encouraging the youth.



**Mr. Bimal Roy**

Ultimately, a newsletter helps to stay connected as a regular dose of campus related news and information. It is another way to make contacts within the institution and to keep in touch. Even as students, faculties and the alumni, they will likely stay subscribed to the newsletter, thereby preserving the relationship they have with the campus.

I hope readers will read this newsletter and be inspired.

Best Wishes !

# Editorial Board

## FROM EDITOR-IN-CHIEF'S DESK...



**Dr. Nipa Desai**  
Principal, NIT

The idea of a newsletter was brought to facilitate a medium for expression- of ideas, knowledge, creativity and 360 degree influence. A team consisting of both students and faculties have worked extensively and gave best of their efforts to write concise content and create a beautiful design for readers to enjoy. I hope the hard work put into this really serves its purpose and readers will read it with enthusiasm and eagerly wait for the next issue.

## TEAM BEHIND E-NEWSLETTER

### Editors



**Dhruvashikhaba Jadeja**  
Asst. Professor, NIT



**Ruchi Arya**  
Asst. Professor, NIT

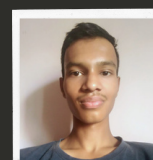
### Designers



**Meet Shah**  
B.E. Sem 8



**Sarthak Vadgama**  
B.E. Sem 2



**Rachit Bhitre**  
B.E. Sem 2

### Supporting Team

*Rajvee Desai (Asst. Prof., NIT)*  
*Dr. Tanvi Patel (Asst. Prof., NIP)*  
*Binal Chauhan (Asst. Prof., NSN)*  
*Niharika Barot (Asst. Prof., NFDE)*  
*Bansi Vamja (Asst. Prof., NCASR)*  
*Vrajesh Parmar (Lab Technician, NIPS)*

### Advisory Committee

*Dr. Yagnesh Shukla (Principal, NFDE)*  
*Dr. Prashu Jain (Principal, NIP)*  
*Roshni Thakkar (Principal, NSN)*  
*Priyanka Pandya (Principal, NCASR)*  
*Vandana Garasiya (Asst. Prof, NIPS)*  
*Nishit Sahu (HOD, NFDE)*

## WHAT'S IN THIS ISSUE

- Events and Activities
- Achievements
- Alumni Speak
- Club Activities
- Management Lessons:  
Learnings From Best Practices
- Health and Nutrition
- Learnings From Ancient India
- Memes





# Events & Activities

## ENGINEERS' DAY

- Engineer's day is celebrated every year on 15th September. The degree and diploma engineering students celebrated it this year's celebration (2022) joyfully with faculty members.
- Importance of engineering in the development of our nation was discussed.



t on OnePlus

## OATH TAKING CEREMONY

- The lamp lighting ceremony 2021 was held at our campus by Neotech School of Nursing to pay tribute to Florence Nightingale (The lady with the lamp). It is an auspicious occasion in every Nurse's life.



## MEDICAL WEEK

- A Thalassemia / Sickle cell screening camp was also held by Indian Red Cross Society in early February of this year, 2022.





## FIELD TRIP

- Civil Engineering students visited Smart City Vadodara, Control and Command Centre.
- 1st year students visited a nearby village and a temple for an induction program, also interacted with locals and met a government school's teachers and students.



## SCIENCE DAY

- Science day celebration was held on 28th February, 2022 at Neotech Technical Campus to showcase the Beauty of the Scientific World by NCASR Institute.



## WORKSHOP

- Workshop arranged on 17 December, 2021 about Kinesiotaping for the students of Neotech Institute of Physiotherapy.



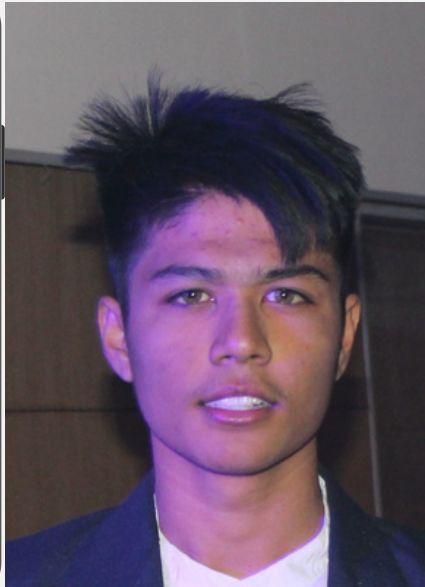
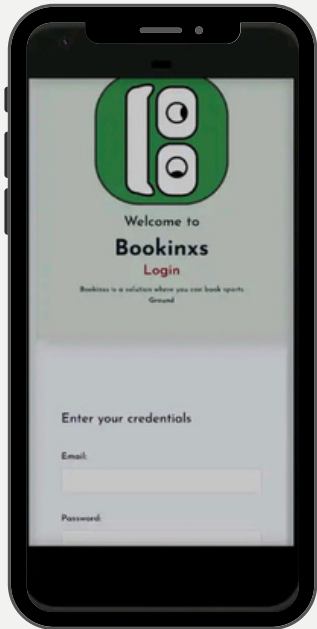
# Achievements



## STUDENT'S ACHIEVEMENTS

- Motion Breeze Bike project was selected in Shark Tank India By **Anantraj Tomar**, student of Degree Engineering, Founder of Motion Automotive. He got grant from GTU at the cost of approx Rs.One Lakh for his project (400 KM Range Electric Motorcycle).The Electric Motorcycle market is booming in India and one may hear about new startups coming in every day with their new innovation in the Electric vehicle segment.The startup came with their prototype posture Adaptable intelligent electric motorcycle – Motion Breeze that comes with lots of unique features and good range.
- Motion Breeze is the world's first electric bike that comes with the ability to change its handle position, seating height, and footrest position according to your comfortable riding posture. The E-bike comes with four riding modes: sports, commute, cruiser, and scrambler.

## Student Achievements



### RECEIVED GTU SSIP GRANT

- **Sumit Bist**, a student of semester 6 (Mechanical Department) NIT has launched an application named Bookinxs. He received RS 40000 from GTU SSIP for this application. It is used to check availability and book sports grounds and hire large-scale sports event organization.

NIT

### B.SC GOLD MEDALIST

- NCASR student **Nehal Dabhi** from batch 2017-2020 achieved Gold Medal in the field of B.Sc Biochemistry.

NCASR



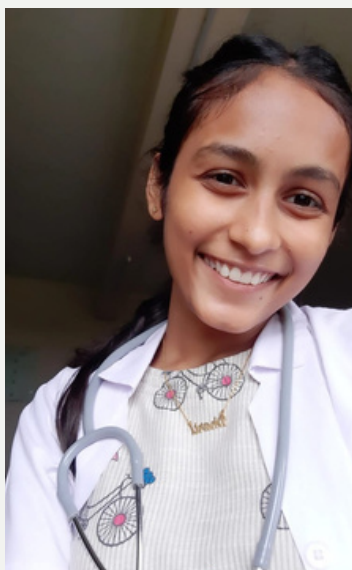


## Student Achievements

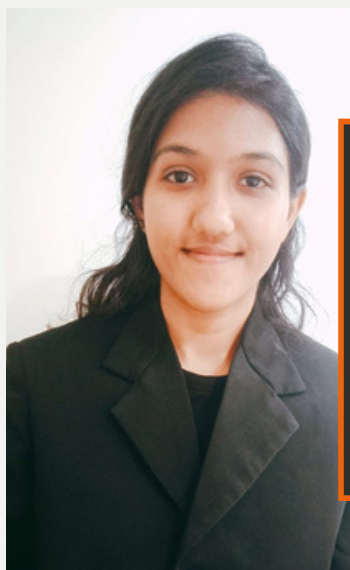
### KARATE CHAMPION

- **Aditya Bandal** secured first place in GTU Inter-college karate tournament 2021-22 and was selected for National Level Championship which was organized at Kurukshetra. He was able to win a Bronze medal in the 84 kg weight category.

NIT



**Dharti Patel**



**Riya Patel**

- Paper presented by **Dharti Patel and Riya Patel** of physiotherapy department in E-conference Gericon 2021, themed "Phsiotherapy Care for Older Adults".

NIP

## Faculty Achievements



- Prof. Shivaniben Luhar deservedly obtained AIR-621 for Mathematics in GATE 2022 and also qualified in CSIR UGC NET & GSET for the Subject of Mathematical Science.

NFDE



- Prof. Dhruvashikhaba Jadeja procured Gold Medal in M.A (ELT) and is currently pursuing PhD in Translation Studies.

NIT



- Prof. Shreejith Rajeev proved his competence by clearing GSET Examination with flying colors in the field of Physical Science.

NIT

- Prof. Piyush Prajapati and students from the Civil Department were awarded 3rd rank in Best village development documentary film of Bahutha village. He was also appointed as the manager of GTU Chess (Women).

NIT



## Faculty Achievements



**Dr. Pooja Soni**, faculty of NIP, has recently published a paper on *EFFECTIVENESS OF PILATES AND SELF-STRETCHING EXERCISE ON PAIN AND QUALITY OF LIFE IN PRIMARY DYSMENORRHEA* - A COMPARATIVE STUDY in Volume no. 15 No. 3 July-September 2021. It is covered by Index Copernicus (Poland), CINAHL, EBSCOhost (USA), PEDro (Australia), Google Scholar and many other international databases.

NIP

**Dr. Dhruvi Patel**, faculty of NIP has recently published a paper on *A STUDY TO COMPARE THE ACTIVATION OF VASTUS MEDIALIS OBLIQUE BY EMG FOR THREE DIFFERENT EXERCISES IN PATIENT WITH OSTEOARTHRISIS OF KNEE JOINT:AN OBSERVATIONAL STUDY* in Volume no. 15 No. 3 July-September 2021. It is covered by Index Copernicus (Poland), CINAHL, EBSCOhost (USA), PEDro (Australia), Google Scholar and many other international databases.

NIP





# Alumni Speak

## HARSHIL THAKKAR

[Asst. Project Manager at Stemmon Enterprise]

- It's challenging for me to explain in a few words what Neotech can mean to me and what its contribution to my path to deal with the real world. I have got the best support to grow; I would like to thank all the faculty members, principal madam and everyone who has contributed in building ourselves. Thank you so much, Neotech Institute of Technology, for what we are today!

NIT



## DARSHAN PATEL

[Entrepreneur in Canada]

- It was my immense luck and fortune to be the part of NTC where I could grow. The entire faculty and department leaves no stone untouched to shape one's future. My three years at NFDE have become wonderful experience of learning with prolific exposure to outside. Huge respect, love and devotion to entire faculty members and department.

NFDE



# Alumni Speak



## DR. MANSI THAKKAR

[Tutor cum clinical therapist at KGPU]

- It has been a great journey in NIP college- providing us with the best opportunities to enhance our knowledge and skills. Their constant efforts of getting the best for us is clearly seen. I would like to thank NTC and all the faculties of NIP for making me a "better person".

NIP

## VRAJESH PARMAR

[Tutor cum Lab Technician - Neotech Institute Of Paramedical Science]

As a student here, I feel honor to be able to work where I have studied. I have enjoyed, learnt and experimented alot here. I can certainly say I had best years of my life here. Hope everyone gets the same chance. Good luck!

NIPS





# Club Activities



## UDAAN AEROMODELLING CLUB

- NTC is proud to announce that Udaan Aeromodelling Club (student chapter) inaugurated on 19th April 2022 by its first event “Water Rocket Workshop”. It was conducted by the student to incite curiosity, knowledge and passion about rocket science in the minds of young students.

## RHYTHM

- Our Campus started the first Cultural Club on 27th April 2022, named “*RHYTHM*” to draw the attention of students towards various art forms. Under this club activities like dance, drama and modeling events will be held from time to time.





# Sports Club



## NEO-SPORTS

Neotech Campus celebrates every year sports week in early February to keep its students & faculties fit as fiddle with enjoyment. There are varieties of sports activities like Kho-Kho, Kabaddi, Volleyball, Cricket and Lagori to develop a sense of sportsman spirit. It is a great opportunity for students and faculties to have mutual interaction apart from the academic environment and test their skills in various sports. This is how NTC cares for the overall development of its students and faculties.



# Management lessons: Learnings from Best Practices

## Four lessons from the Dot-com crash

The Dot-com crash was a stock-market bubble caused due to sudden decrease in share prices of companies doing business on the internet went down or lost most of the value of their shares.

### 1. Make incremental advances -

Grand visions inflated the bubble, so they should not be indulged. Anyone who claims to be able to do something great is suspect, and anyone who wants to change the world should be more humble.

### 2. Stay lean and flexible -

You should not know what your business will do; planning is arrogant and inflexible. Instead you should try things out, "iterate," and treat entrepreneurship as agnostic experimentation

### 3. Improve on the competition -

The only way to know you have a real business is to start with an already existing customer, so you should build your company by improving on recognizable products already offered by successful competitors.

### 4. Focus on product, not sales -

If your product requires advertising or salespeople to sell it, it's not good enough: technology is primarily about product development, not distribution. Bubble era advertising was obviously wasteful, so the only sustainable growth is viral growth.

Excerpts taken from- **Zero to One** by Peter Thiel (co-founder of Paypal)  
Compiled by Rachit Bitre.

## ROLE OF NUTRITION IN PHYSICAL THERAPY

*"Diet is the essential key to all successful healing"*

Physiotherapists play an important role in regeneration via exercise plans and electrotherapy modalities. During regeneration and for neurotransmitter formation the body requires nutrients. Nutrition absorption depends on the person's physique, gender, age and intensity of injury.

Inflammatory response is due to negative changes in the gut because of nutritional deficiencies. Proper nutrition helps to prevent permeability of intestines and blood brain barrier. A healthy diet is correlated with BMI, it positively influences mood and helps in conditions like obesity and diabetes. Hence, nutritional education is vital.

According to Integrative Pain Science Institute, in 2014, The American Journal of Clinical Nutrition stated: "It is important to understand and apply nutrition knowledge to all health care services which are beneficial for patients. That's why it is essential for all healthcare professionals to assess dietary intake and give them guidance and treatment plans."



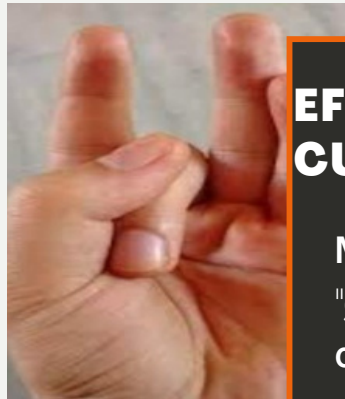
**DR. HIMANI PARIKH**  
(NIP)

### Benefits of Healthy and Balanced Diet-

- Boost energy level
- Improve digestive health
- Manage mood disorders
- Improve immunity system and concentration level
- Promote self esteem
- Protect body against disease like cardiovascular, obesity, diabetes or musculoskeletal
- Manage body weight
- Improve memory and energy level
- Keep blood pressure and cholesterol level within target ranges



# Ancient INDIA



## EFFECTIVE MUDRAS FOR CURING AILMENTS

Mudra is a Sanskrit term that means "gesture" or "attitude"; they are characterized by ancient yogis as energy-flowing postures meant to connect individual pranic force with universal or cosmic force. Mudras are a set of subtle physical movements that can change one's mood, attitude, or perspective to increase concentration and alertness.



The five elements (Air, Water, Fire, Earth and Space) have a specific and crucial job within the body and our fingers have the qualities of each of them. When a finger representing one of the elements makes contact with the thumb, that element is balanced. As a result, the imbalance-caused sickness is treated. Mudras modify energy flow, changing the equilibrium of the five elements, thus facilitating healing and health restoration. A mudra is a hand posture as it confines the entire body in a combination of Asana, Pranayama and Bandha.

**- Prof. Komal Waldiya**  
(NIT)



**REACTION WHEN YOU HEARD ABOUT  
SEAT IS NOT AVAILABLE IN NTC**



**What makes you human?**



**To love and care for  
others**

**IN SEARCH OF GOLD**



**WE FIND REAL DIAMOND**



**Selecting all images  
with traffic lights**

**THAT FEELING**



**WHEN YOU GOT ADMISSION  
IN NEOTECH CAMPUS**

**ME WONDERING  
WHY MY FRIENDS  
STOPPED LAUGHING**

**THE TEACHER**



*Going beyond the traditional way of education, NTC implements 360 degree Education with a combination of interactive teaching, learned faculties and top-notch infrastructure. NTC brings positive transformation in careers through the holistic development in a student.*

## **ACADEMICS**

- 100% Placement Assistance MOUs &
- Collaborations with Industries
- Hospital and Laboratory tie ups
- Government Approved Scholarships
- Industrial Tours & Funding for Start
- Ups Practical Exposure Experienced Faculties

## **CONVENIENCE**

- Wi-Fi enabled Campus
- 6 km from Vadodara Airport
- Bus transportation facility from Vadodara
- Hostel facility for girls and boys
- Railway and Bus Pass Facility

## **RESOURCE & AMENITIES**

- Outstanding Infrastructure
- Multiple avenues for Cultural and Sports
- Excellent Learning Environment Rich Library with E-Learning Facility
- Cafeteria



## **BACHELOR OF ENGINEERING**

(4 years after 12th & 3 years after Diploma)

Mechanical | Civil | Electrical | Computer

Approved By AICTE | Affiliated to Gujarat Technological University

## **DIPLOMA IN ENGINEERING**

(3 years after 10th & 2 years after Diploma)

Mechanical | Civil | Electrical | Computer

Approved By AICTE | Affiliated to Gujarat Technological University

## **BACHELOR OF PHYSIOTHERAPY**

Affiliated to Shri Govind Guru University & GSCPT

## **NURSING**

Affiliated to Shri Govind Guru University & GNC

Bsc. Nursing / ANM (Auxiliary Nurse Midwives)

## **PARAMEDICAL SCIENCES**

Affiliated to Shri Govind Guru University

PGDMLT / DMLT / DSI

## **BACHELOR OF SCIENCE**

Affiliated to Shri Govind Guru University

Biochemistry | Microbiology | Chemistry | Physics | Mathematics


## **AVIATION**

Classroom training + Commercial Flight Training



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