



Team @ WICCI STEM Education
Gujarat, India

Dec 2020 to Dec 2021



Dr. Megha Bhatt (STEM EDUCATION COUNCIL)

Founder @ [SciKnowTech](#)



- Education:
 - PhD - Study of Terrestrial Nitrogen Cycle in India from North Gujarat University and ISRO as work place.
 - M Sc in Botany, Mumbai University.
- Professional Contribution :
 - DST (Deptt. Of Science & Technology) Project under Women Scientist Programme.
 - 25 Years of Teaching and Research Experience.
 - Associated with various universities (including Nirma University, PDPU, Gujarat University etc) in environmental science and climate change as visiting faculty.
- @ WICCI as President of STEM Education - Gujarat:
 - My brain-child “**SciKnowTech**” & “**SciKnowMath**” focus on Scientific & Mathematical Experiential Learning for children from age group 7-15 Years. Conducted number of workshops for teachers as well as students to spread science as a subject, exposing more than **35000 kids** to novel tool of Experiential Learning.
- Awards and Accomplishments:
 - Trendsetter award by Gujarat Innovation Society (GIS)
 - Finalists in National Startup Awards 2020
 - Faculty-led start up by “National Student Start-up & Innovation Summit”
 - Digital Woman award by SheThePeople.TV, sponsored by Google.
 - Social Impact Award by GUSEC
 - Women’s achiever award by Udgam

Rajvi Mehta

Wireless Systems Engineer (Master of Science - Electrical Engineering)



- Education:
 - Master Of Science - Electrical Engineering - University of Texas at Arlington
 - Bachelor of Engineering - Electronics and Communications - GCET
- Active Professional Contribution (2004 to 2015):
 - Wireless System Engineer - Position Location Team @ Qualcomm Inc - Santa Clara, CA
 - RF Engineer - Wireless Network Optimization Team @ Sprint Nextel- NJ and CA
 - Master Tutor Maths for Undergrad students @ SSS and SOAR UTA- Arlington, Tx
- @ WICCI as Council Member STEM Education - Gujarat:
 - Can help spread knowledge about importance of Engineering Studies, Its scope and opportunities available for further education and employment worldwide.
 - Can conduct seminars focusing on Wireless Communications, Position Location Estimation Theory, Problem Solving Aptitude Development for High School Children.
- Awards and Accomplishments:
 - Qualstar : Hall of Fame Award for Exceptional Contribution @ Qualcomm - Aug 2014
 - Improved ETR by 20% for customer queries via live network monitoring @ Sprint - 2006

Zaheeda Desai

Principal, Shama Madrasa-School, Ahmedabad



- **Education:**
 - Masters of Education, Gujarat University, Ahmedabad.
 - Bachelor of Commerce and Bachelor of Education, Gujarat University, Ahmedabad.
 - Have accomplished various certified courses on “Teaching” and “Training”.
- **Professional Contribution :**
 - Currently working as Principal of Shama Madrasa-School, Ahmedabad.
 - 15 Years of Teaching and Training Experience.
 - I am the Coach for training English language teachers at various national and international courses of RELO & World Learning.
 - Core Member of Tarakii-I-Foundation team [A Delhi based NGO] working for 360° redevelopment of existing schools all over India.
- **@ WICCI as Council Member of STEM Education - Gujarat:**
 - Being associated with “**Shama**”, an all girls school, Education and learning is at the core in & around almost everything I do.
 - I believe that upliftment comes with awareness and awareness is the byproduct of education and knowledge achieved.
 - As a council Member of WICCI I hope and wish to contribute towards a better and aware society and with the set of skills I have I can contribute in Training, Data handling and coordination for events and activities.
- **Awards and Accomplishments:**
 - ISA Award of British Council for Integration of International levels of learning in the school.

Dr. Renu Singh

Managing Director- Plants and Life (NGO)

Proprietor- Pradhanmantri Janaushadhi Kendra, Chandkheda, Ahmedabad



- **Education:**
 - PhD in Botany (Medicinal Plants), Rajasthan University, Jaipur
 - M Sc in Botany, Rajasthan University, Jaipur
- **Professional Contribution :**
 - 2011-2013: Principal Investigator, WOS-A, DST at Department of Botany, Gujarat University, Ahmedabad
 - 2016-2017: Jr. Scientist at Loyola Center for Research and Development, St. Xavier's College Campus, Navrangpura, Ahmedabad
- **@ WICCI as Council Member of STEM Education - Gujarat:**
 - Want to play a central role in society for providing health-related quality life to all people.
 - Eager to help society by supporting talented, inexperienced, underprivileged and needy women by providing employment and financial support.
 - Want to raise awareness in society for environmental issues, nutrition, child-health and period hygiene issues for adolescent girls and women.
- **Awards and Accomplishments:**
 - Book author: Indian Medicinal Plant Seeds, Scientific Publishers, 2018

Anuya Trivedi

Founder, Green buddies: Recycled Play Stations



- Education:
 - Bachelor in Pharmacy
- Professional Contribution :
 - Served Pharma Industry as a Regulatory Pharmacist for a period of 10 years.
 - Regulatory Consultant
 - BALA and 3R Educator
- @ WICCI as Council Member of STEM Education - Gujarat:
 - My Playful organisation “**Green buddies**” focuses on Active Play & Experiential Learning, we do this by implementing the use of BALA, Back to basics and Re-usage concept for children. We have used 10,000 discarded tyres in last 2 years and more than 15000 children have been impacted by this initiative.
- Awards and Accomplishments:
 - Winner of “Global Recycling Heroes” award, from GRF London.
 - Mentor of Change at Atal Innovation Mission, NITI Aayog.
 - Learner “Sustainable Cities” & “The Health Effects of Climate Change”- SDG EdX Harvard.

Janki Teli

Summary



- Education:
 - Currently pursuing my Ph.D in Wildlife Biology and Conservation
 - Masters in Zoology with specialization in Wildlife Biology and Fishery Science
- Professional Contribution :
 - Currently working as a Consultant with Forest Department on developing protected area management plans
 - I have more than 15 years of experience in the field of wildlife research and nature education. I have worked with Gujarat Ecological Education and Research Foundation - Gandhinagar, Bombay Natural History Society - Mumbai and Centre of Environment Education - Ahmedabad.
- @ WICCI as Council Member of STEM Education - Gujarat:
 - Raise awareness in the society regarding the importance of our natural heritage
 - Inculcate a love and passion for the environment in the minds of students as well as young adults
- Awards and Accomplishments:
 - Authored and edited several books and reports on bird studies. One of the bookd is “Handbook of Birds of Indroda Park”
 - Have developed subject material for various wildlife interpretation centres across the state

Rajasi Gajjar

Math and Spanish language Faculty.



- Education:
 - Bachelor of Commerce from Gujarat University
 - A1 level of Spanish (Instituto Cervantes, Spain)
 - International Baccalaureate Teacher's Training Program
- Professional Contribution :
 - 7 year experience with Shipping and Logistics.
 - Worked as Math and Spanish Language faculty with Calorx Olive International School and Udgam School for Children.
 - Have been a Visiting faculty at the GLS Law college for lectures on varied subjects, mainly focusing on development of communication skills.
 - Started my own Institute of Spanish " My Spanish Academy"
 - Have been enjoying teaching English and Spanish to students of all age groups.
 - Have been a regular anchor at Ahmedabad International Literature Festival.
 - Have anchored / moderated many online sessions regarding new education policy and promoting women entrepreneurs.
- @ WICCI as Council Member of STEM Education - Gujarat:
 - Intend to spread the awareness of learning new languages
 - Wish to spread practical learning.
- Awards and Accomplishments:
 - Have won Gold in Rifle shooting
 - Have won many participation awards / medals for walking/ running (10kms)

Medhavi Purani

Senior Principal Engineer @[SYSTRA](#)



- Education: Profess
 - Master of Engineering - Transportation Engineering- [L.D.College of Engineering](#)
 - Bachelor of Engineering- Civil Engineering- [L.D.College of Engineering](#)
- Professional Contribution :
 - Currently working as a Senior Principal Engineer in World's largest Public Transport and Mobility Solution Company called "SYSTRA" for over a decade and contributing in designing safe and sustainable transport solutions across the globe.
 - More than 15 years of professional experience
- @ WICCI as Council Member of STEM Education - Gujarat:
 - I can contribute to areas related to risk mitigation, financial projection, client understanding, importance of communication etc
 - I am very good in Microsoft Products, so I can be useful in creating reports, presentations etc and I can be an excellent offline trainer.
- Awards and Accomplishments:
 - Accomplished design for more than 1000 km of highway and railway which includes some of the prestigious projects across the globe

Krupa Patel

Sr. Manager with TCS



- **Education:**
 - Master of Business Administration (Finance, IT), Institute of Management, Nirma University
 - Bachelor of Engineering (Information Technology), Nirma Institute of Technology, GU
- **Professional Contribution :**
 - Working as a Business Analyst in Leading IT firm
 - More than 15 years of experience in IT and Finance & Accounting domain
 - Have handled front end customer handling as well product building & management
- **@ WICCI as Council Member of STEM Education - Gujarat:**
 - Can help inculcate the learning attitude in people of all ages, especially children
 - Technology supported communication of the importance of education and literacy
 - Analysis and management aspects
- **Awards and Accomplishments:**
 - Awarded GEM - a quarterly recognition at Infosys - in individual category
 - Awarded Star of the Month
 - Recognized in the first edition of Gracia - team level initiative to recognize people who inspire by their sheer dedication and hardwork

Aarti Shah

Sr. Bridge Design Engineer & Project Manager



- **Education:**
 - Bachelors of Engineering in Civil with specialisation in structures - L.D College of Engineering, Ahmedabad, Gujarat, India
 - Certification of Foundation in Engineering Exam-EIT - Philadelphia US
- **Professional Contribution :**
 - Worked with government as well private clients in United States of America for almost a decade in the field of Bridge Engineering
 - Worked as Engineer as well as Project manager for the MetroRail Project of Monterrey, Mexico
 - I was involved in rehab and reconstruction of NJ turnpike and Garden state parkway which are two major links connecting the state internally. This involves work of estimation rating, design and execution.
 - Worked with government as well as private clients for more than a decade in India in the field of Bridge Engineering
 - Contributed in major river bridges , flyovers,pedestrian bridges across Gujarat including Ahmedabad, Rajkot, Surat, Silvassa, Daman, etc.
 - As a part of business development team, i have been involved in the tender bidding process.
- **@ WICCI Council Member of STEM Education - Gujarat:**
 - I can contribute in project planning , management and execution very well.
 - I can contribute by providing training and train people when and where needed
- **Awards and Accomplishments:** Having been part of the bridge designing fraternity for over two decades, I have worked on a broad spectrum of projects ranging from dams to flyovers to purification plants. Major participant in every discipline of the process from estimation to structural design.

Chinmai Hemani

Climate change and Sustainability professional



- Education:
 - MTech. Climate change and Sustainable Development
 - Executive Diploma Human Resources management
 - B.E. Electronics and Communication
- Professional Contribution :
 - Working as a climate change and sustainability professional since past 8 years , founder of RuChiNi ESP, Gujarat.
 - Worked as a Systems Analyst at TCS - a leading IT MNC, Mumbai for 4 years. Apart from core technical work in Telecom sector, used to lead environment club at TCS under their CSR platform.
 - Worked as a Senior Network Engineer at Reliance Infocomm Ltd, Rajkot for 4 years
- @ WICCI as Council Member of STEM Education - Gujarat:
 - Can work on creating awareness on eco-conscious living .
- Awards and Accomplishments:
 - Recipient of Gandhian Eco-philosophy fellowship programme by State Knowledge Management center on Climate change (SKMCC), Madhya Pradesh [Jan 2019-Oct 2019]
 - Worked and represented exhibition on - How ancient Indian religions had science embedded into it (including environment and climate change) at Parliament of World religions at Toronto, Canada, 1-7 Nov, 2018 for Indian Planetary Society NGO.
 - Presented [paper](#) at 3rd International Yale-UNITAR conference on Environment Governance and Democracy held in September 5-7, 2014, Yale University, USA

Bindi Patel

Founder of ECoRrect Pvt. Ltd. (Bioplastic)



- Education:
 - Bachelor of Science with Botany from Gujarat University
 - Master of Science with Botany from Gujarat University
- Professional Contribution :
 - Founder and director of ECoRrect Pvt Ltd
- @ WICCI as Council Member of STEM Education - Gujarat:
 - As my subject is Botany, I can help the people who have been working on plant or environment related start-ups. Meanwhile I can also encourage the people for innovation, for start-up.
 - My base in botany but my start-up is more associated with polymers so I can also help in biopolymers or plastics related matters.
- Awards and Accomplishments:
 - 1st runners-up award and prize at Entrepreneurship conclave 2018 on 29th December 2018 which was held at Gujarat University.
 - 1st runner-up award and prize at herSTART 2019 an initiative to inspire women entrepreneurs.
 - Received GUSEC Student Innovator Of the Year Award 2019 from Honourable Minister Shree Anurag Thakur.
 - Young Scientist Award in International Conference on Climate Change and Impact Management 2019 • Vibrant Startup and Technology Summit (VSTS) Startup Arena award 2019. • **Received "Atal Innovation Gold Medal 2020" from Honourable Governor of Gujarat Shree Acharya**

Sofiya Shahiwala

Writer & Teacher



- **Education:**
 - SSC in Science from GLS Higher Secondary
 - Pursuing Bachelor's degree in English Literature from Gujarat University
- **Professional Contribution :**
 - Content Writer at SciKnowTech
 - Tutor at Sunali's Classes, Ahmedabad
 - Content Creator for Toppr Learning App
- **@ WICCI as Council Member of STEM Education - Gujarat:**
 - Integrating science and creativity in workshops
 - Writing articles, blogs, etc.
- **Awards and Accomplishments:**
 - Awarded 7th Rank in Ahmedabad at Teachers' Olympiad from CENTA TPO
 - Published a debut novel under the non-fiction genre
 - Co-authored and contributed in several prose and poetry anthologies

Sara Kadiwala

Graphic Designer & Content Creator



- **Education:**
 - Currently pursuing an Integrated course of Management Studies.
 - Foundation program of B.Des from National Institute Of Fashion Technology (NIFT), Jodhpur.
 - SSC in Science from Navkar Public School.
- **Professional Contribution :**
 - Content creator & Social Media and website handler of SciKnowTech & SciKnowMath.
 - Content creator & Social Media handler of a food venture, Biryani by F & A.
 - Content Creator of a clothing brand named Lady Craze.
- **@ WICCI as Council Member of STEM Education - Gujarat:**
 - Handling Social Media Accounts.
 - Creating Flyers/Posters for Upcoming Events.
 - Establishing a better presence over digital media.
 - Taking professional photographs for events, workshops, seminars and the like.
 - Conducting creative workshops which integrate craft-work along with imparting education.