

# The Midtowner

2020-21

Rotary  
Chandigarh Midtown



Club No. 15228  
R.I. District 3080

Weekly Bulletin of Rotary Club Chandigarh Midtown  
View online: [www.rotarychdmidtown.org](http://www.rotarychdmidtown.org)

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## THE FOUR WAY TEST

- Of the things we think, say or do
1. Is it the TRUTH?
  2. Is it FAIR to all concerned?
  3. Will it build GOODWILL and BETTER FRIENDSHIPS?
  4. Will it be BENEFICIAL to all concerned?

Volume 45 No. 49 Dated: 08 June 2021

## PROGRAMME

### The Incredible Life Sciences - A lot to Know

**Keynote Speaker:**

**Rtn. Professor Dr. I.S. Dua**

**Professor Emeritus**

**Panjab University, Chandigarh**

**Date: June 11, 2021 (Friday)**

**Time: 6.30 p.m.**

**Zoom Meeting ID: 6291653178**

**Password: 15228**

**Fear never builds the future,  
But HOPE does.**

## Oxygen Capsule - A low cost life saver, for every home

[Click here to watch on YouTube](https://youtu.be/70T7vdtmTEg) <https://youtu.be/70T7vdtmTEg>

In our virtual meeting on 04 June 2021 the chief guest, Er. Mohit Shrivastava, Proprietor of Embedded Control Systems, Chandigarh was welcomed by President Rtn. Sanjay Bhatia. The chief guest was accompanied by his wife Mrs. Renu Shrivastava who is also an engineer and is the source behind her husband's innovations and success stories.

In his address President Sanjay Bhatia requested members to [register](#) for the [virtual RI convention](#). He thanked Rtn. Renu Chopra for the invocation with a wonderful message to change our attitude from selfish to selfless and help others.

Who could have formally introduced Mr. Mohit Shrivastava better than his 'Guru' PP Rtn. Prof. Dr. S.K. Sharma, who had joined our meeting after a long time because of his very close association with Mohit in Panjab University.



**Mohit Shrivastava**

Er. Mohit Shrivastava, passed out from Punjab Engineering College, Chandigarh in 1987 in Electrical. While he had two Govt. job offers, from BHEL and NDDB, in hand, but since he wanted to do research, he joined Energy Research Center (ERC), Panjab University, as Senior Scientific Officer. He worked under PP Prof. Dr. S.K. Sharma, Director ERC, for next four

years on many different Projects, involving Computer Simulation and Computer based Data Acquisition and Control, funded by Government of India. Excellent mentorship and encouragement by his Guru and mentor, Dr. S.K. Sharma, with complete freedom to experiment, innovate, take risks and make mistakes, turned R&D and problem solving, into a lifelong avocation for Er. Mohit. For the last 30 years, he has

been walking on the path shown by his Guru and is extremely passionate about solving real world problems. He strongly feels that, while science has matured enough to land Rover on Mars, but when it comes to its implementation in our lives, in the real world, it still lags far behind.

He got married to Er. Renu Madan, a Thapar 1989 graduate, started Electronic Research and Labs in Mohali in 1991. In 1993 they shifted to Chandigarh and started Embedded Control Systems. As a design House specializing in Customised Microprocessor Based solutions, they developed 100+ solutions for industry. Things like EEG, EMG (Client: Medicaid Systems), Polygraph (Lie Detector), Deep Search Metal Detectors, Intelligent Searchlight for DRDO (Client: Security Defence Sytems, Panchkula), Weighing Machines (Five Star Scales), Digital X-Ray and CRM machines (Client: Adonis Medical Equipments Pvt Ltd, Mohali), Consultancy for Electronic Hand for PP Rtn. Dr. V.J.S. Vohra of Nevedac Prosthetic Center, Electronic Display Boards... and many other projects. This was the time when Microcontrollers were introduced and were replacing Digital Logic in all Circuits. They have started two new startups recently, "HoneYourSkills LLP" and "Adaptive Learning LLP". Er. Mohit and Er. Renu are blessed with two sons. The elder one Akshit, a computer science graduate, is working in a startup and the younger one Ishaan, is studying in IIT, Jodhpur.

Mohit's presentation on oxygen capsule is based on his study and research, to be implemented after necessary trail under competent medical doctors / hospital and approval of appropriate authorities.

Giving his very innovative, interesting and informative presentation on Oxygen Capsule, Er. Mohit has a very low cost and easily implementable solution, to handle the Oxygen

Crisis, without purchasing more Oxygen Concentrators and manufacturing more Oxygen Cylinders. This solution, "Oxygen Capsule", when implemented properly, will ensure that each and every household in India has sufficient availability of Pure Oxygen to keep a patient alive for at least 24 hours, at home or in an ambulance, at least till proper medical treatment starts.

Mohit explained in detail the oxygen requirement of our body. If we critically analyze the existing Hospital Oxygenation system, we will find that a major portion of pure oxygen is flushed out into the atmosphere. The oxygen requirements of the hospitals can be drastically reduced if systems are redesigned to recycle to available pure Oxygen instead of flushing it all out into the atmosphere.

When the Pulse Oximeter reading starts dipping, panic buttons are triggered. The family members start frantically searching for a Hospital bed and Doctors. They start hunting for Oxygen. In recent times, most Medical Infra has been overburdened. Yes, we can defeat covid together. We have to find a permanent solution. The situation, scary as it may seem on the surface it is not as bad as it looks. But it does require a lot of planning, coordination and efforts from each one of us.

Both Oxygen and Nitrogen have huge industrial demands and both are produced from the same infinitely and freely available raw material. The AIR we breathe.

While Oxygen finds use in medical, industrial welding and steel production, Nitrogen finds many uses in Food Packaging and many other Industrial processes.



**PP Dr. S.K. Sharma**  
*introduces chief guest*



**Address by President**  
*Sanjay Bhatia*



**Invocation by**  
*Rtn. Renu Chopra*



**Vote of thanks by**  
*PP Dr. V.J.S. Vohra*

There are many generous industrial units offering Oxygen for free. Go with your Cylinders and take Oxygen for free. There is no shortage of Oxygen at the plants. The problem is refilling and transportation of Oxygen in cylinders.

This Oxygen scarcity has compounded the problem by creating a panic in public that has resulted in severe hoarding and shortage of Oxygen Concentrators and cylinders throughout the country. There are no Concentrators available because those who could afford it have already bought one for their families. Oxygen Cylinders are also in short supply. As a result prices of these items have skyrocketed putting it beyond reach of common man.

In the light of these facts it is imperative that we find a cheaper and better solution so that every person has easy access to oxygen in case of emergency. This solution has to be independent of Oxygen Concentrator and Cylinder as much as possible. This needs to be done as fast as possible.

Regarding Oxygen Capsule Mohit says, "It is no rocket science. Our inspiration comes from records set on space flights. On checking NASA Astronaut single space flight record holders we find mention of eight Astronauts who spent 340, 328, 289, 272, 215, 205, 204, 203 days continuously in Space. None of them were sent Oxygen Cylinders from earth."

Mohit's presentation generated a vibrant interactive session with Rotarians and everyone present showed keen interest in the proposal for Oxygen Capsule, which is much lighter in weight and can even be carried by the patient on his back.

PP Dr. V.J.S. Vohra thanked Er. Mohit Shrivastava for the wonderful presentation of his innovative idea of coming out with a simple and cheap solution for oxygen and when implemented after due formalities, will be a great healthcare achievement for the future also. Dr. Vohra also thanked his 'Rotary Guru', Dr. S.K. Sharma as he had served as our Club Secretary when Dr. Sharma was the President in 2003-04. Dr. Vohra said that year was a great learning experience for him and the best thing he learned from Dr. Sharma is 'tolerance'.

**Dr. Vohra attends virtual meeting of Rotary Club of Mulanthuruthy**

**PDG Shaju Peter**

Upon request from PDG Shaju due to shift of base, an NOC has been issued to PDG Shaju and termination of membership from Chandigarh Midtown has been processed to enable his induction into the **Rotary Club of Mulanthuruthy**. Midtowners acknowledge his distinguished and long service and dedication to the club and his amazing fellowship. Wishing another glorious innings to PDG Shaju - Midtowners@Chandigarh



**[Click here](#)**

On invitation of President of Rotary Club of Mulanthuruthy, Rtn. John Joy, PP Rtn. Dr. V.J.S. Vohra attended their virtual meeting on 06 June 2021. The chief guest of the meeting was PDG Rtn. Shaju Peter.

Most of the meeting was conducted in Malayalam, Even then Dr. Vohra enjoyed the meeting because language is no barrier for Rotarians.

PDG Shaju gave a talk in English, about history of the modern city of Chandigarh, where he spent 43 years of his life, and shared Lovy's and his experience of 33 years as Rotarian of Chandigarh Midtown, having served as our President in 1992-93 and as District Governor of 3080 in 2007-08. He also spoke about the adjoining cities of Mohali and Panchkula.

**World Environment Day**  
[Click here to watch on YouTube](https://youtu.be/DJ1V7V6xurk)  
<https://youtu.be/DJ1V7V6xurk>



Rtn. Dr. Sanjay Kalra Creating Paradise on Terrace	Prof IS Dua Eco Quiz	Rtn. Salil Chopra Talk on Green Energy	Minto Actor comedian writer Chief guest
<b>SANJAY BHATIA</b> President	<b>KANAN DIWAN</b> Director Community Service	<b>SHUCHI THAKUR</b> Secretary	

A webinar to celebrate World Environment Day was organised by Rotary Chandigarh Midtown on 05 June 2021.

Speaking from a different environment with greenery all around him, President Sanjay Bhatia greeted all present. He handed over the webinar to DCS PP Rtn. Kanan Diwan, who conducted the informative webinar meticulously.

Rtn. Dr. Sanjay Kalra shared his 25 years of experience on creating Garden Paradise on the terrace, winning spring fest awards for the last 18 years. He gave a detailed colourful presentation for selection of pots, plants, landscaping, organic kitchen gardening and making of manure.

PE Rtn. Salil Chopra talked about Green Energy and role of Rotarians in environmental protection.



All present followed Rtn. Salil Chopra to take oath to save the environment and natural resources for the next generation and better tomorrow.

Rtn. Prof. Dr. I.S. Dua presented a very meaningful and colourful Eco quiz, which was very interesting and interactive with practically all present, including the chief guest.

The chief guest Mr. Minto, an actor, comedian and writer of Punjabi TV shared his joy on listening to the speakers and being a botanist himself, he expressed his enthusiasm about plants. Another film / TV personality, Rtn. Ojaswee Sharma also joined us.

Chair tree plantation Rtn. Dr. Shashi Gupta thanked all the participants for making the webinar a success.

President Sanjay thanked chief guest Minto, Rtn. Ojaswee Sharma and all our members. He complimented Prof. Dua for presenting the quiz in an innovative way. He said, "There is lot of talent in our club which should benefit the community." He requested Editor PP Dr. V.J.S. Vohra to upload this event on the YouTube. [Click here to watch on the Youtube!](https://youtu.be/DJ1V7V6xurk)

**Condolences**

Our heartfelt condolences to Rtn. Jeeten Bhambari on the sad demise of his father Mr. Harish Chander Bhambari on 08 June 2021.

Our prayers for the noble soul. May God give strength to the family to bear this irreparable loss.

**Donated by My Tree Foundation**



*World Environment Day was celebrated at Civil Hospital Panchkula by AG Dr. Rita Kalra, PE Salil Chopra and PP R.K. Luther. Trees donated by My Tree Foundation*

**Donated by Shakuntla Devi Trust**



*110 masks, 6 aprons, 5 kg atta, 5 kg sugar and 3 kg ghee received from Shakuntala Devi Trust for covid rasoai project. This trust is a family trust run by R' Ann Meena Mahajan*

**Patient Care Centre**



*Proper care of patients at Aurobindo School, Sector 27, Chandigarh*

We are not **STUCK**”  
at home.  
We are **SAFE**  
at home.

When we change our  
thinking, everything  
changes!

"The world is closed  
for renovation, Grand  
reopening soon

**Donations for Rasoi Project**

- |  |            |
|--|------------|
| Dr. Prarthana Kalra  | Rs. 10,000 |
| Rtn. Viney B. Aggarwal                                       | Rs. 11,000 |
| Mr. Manish Khurana   | Rs. 2,100  |
| Ms. Anupma from London<br>(Niece of Rtn. Prof. Dr. I.S. Dua) | Rs. 10,000 |
| PP Rtn. B.L. Ramsisaria                                      | Rs. 6,000  |
| PP Rtn. R.K. Luther  | Rs. 6,000  |
| PP Rtn. Ashok K. Puri  | Rs. 6,000  |
| <b>Birthday of Spouse</b><br>R'Ann Suman Gupta               | 14 June    |
| <b>Birthday of Rotarians</b><br>Rtn. Anjali Chhabra          | 15 June    |

**ROTARACT CLUB CHANDIGARH MIDTOWN**  
In association with  
**ROTARY CHANDIGARH MIDTOWN**  
Presents a **#MEGAEVENT**

**Shoes Donation Clothes Donation Mask Donation**  
**Sanitizer Donation Awareness Drive Plantation Drive**  
**DATE : 4TH JUNE (FRIDAY) TIME : 12 NOON LOCATION - JAGATPURA**  
RTN. SANJAY BHATIA RTN. SHUCHI THAKUR RTN. KULBIR BHATIA RTR. HIMANI SHARMA  
(PRESIDENT) (SECRETARY) (DIRECTOR YOUTH SERVICES) (PRESIDENT)

[Click here](#)



This mega event started by IPP Rtn. Salil Bali and DYS Rtn. Kulbir Bhatia by planting neem and guava trees because neem is a medicinal tree and the guava tree will give them fruits and shade.

The children were explained the right way to wash and sanitize their hands. 120 masks and sanitizers were distributed to the residents of Jagatpura. Clothes and shoes were also donated. It was a pleasure to see such huge smiles on their faces.

On behalf of the Rotaractors President Rtr. Himani Sharma thanked Rotarians for their never-ending love and support.

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**Rtn. Salil Chopra**

**PDG Rtn. Shaju Peter**

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