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A Reason
to smile



ZIECON[®] ADVANCED DENTAL CLINIC
AND RESEARCH CENTRE

NASHIK

A venture by Jyoti Ceramic



A foreword from the Chairman

It was 10 years back, Shivani, the daughter of my gardener met with an accident which resulted in the breaking of her three front teeth. This required dental replacement which was beyond the means of her family. The situation required frequent visits to a dental clinic and the treatment was expensive. Thankfully, I had the means to help them and Shivani smiled once again.

This incident created a major impact in my life realizing that dental treatment facilities in our country are not adequate and are way too expensive. This thought made me envision a world class treatment centre accessible for everyone. The vision was to create world class facilities for dental treatment under one roof that is affordable for every class in the society no matter the income level. This led to the development of an advanced dental clinic and research centre at Nashik for the benefit of everyone under the parent company Jyoti ceramic.

The opening of the first **Ziecon Advanced Dental Clinic and Research Centre** in Nashik is not just a realisation of a personal dream, but an opportunity to put India at the forefront of dental treatment at international quality standards.

By this venture I envision a world class treatment centre that creates opportunities in the society. I envision best in class treatment in the country thereby offering every reason to smile.

Shyam Merani

Chairman

Jyoti Ceramic industries Pvt. Ltd.



Jyoti Ceramics Leading the way with technology and innovation

Jyoti ceramic industries was established in the year 1970 with a vision to be the best service provider in advanced ceramic products is now a known name for dental care. Under the able leadership of Mr. Shyam Merani, the Company has progressed ever since its inception to vast areas in dentistry.

A research-and-innovation-driven Company, Jyoti Ceramic brings smiles around the world with two world-class ceramic manufacturing plants with state-of-the-art R & D Lab and engineering workshop-cum-tool rooms, supported by experienced engineers, technicians and staff. While meeting domestic demands, the company today exports around 70% of its production to over 55 countries worldwide including USA, Europe, Japan, China, S. Korea, Taiwan, Australia, South East Asian Countries.

Ziecon, under Jyoti Ceramic is a well-known brand, specialised in a wide range of ceramic dental products. The globally-acclaimed products offer comprehensive solutions for dentists, patients and lab owners. Today, Ziecon products are known for its superior quality, aesthetics and cost-effectiveness. Having received world-class certifications, the Company is poised to become the best provider of dental products in India.



Technology to restore that beautiful smile

A variety of treatment options are available with state-of-the-art equipments and our expertise that can bring beautiful smiles on your faces.

1. Sirona C 8' Dental Chair - The Dental Chair is equipped with all basic and advanced attachment with comfortable seating with lumbar support and magnetic control, overhanging LED light, Fibre-optic Attachment, Scaler, Hi -Vac and Low-Vac suction system and Monitor. The Handpiece attachment has got anti-retraction valves which don't suck back saliva from patient's mouth. This chair has a specialised function of hygiene control i.e. Purge function which sanitises tubings of chair after every patient.

2. Digital OPG and Lateral Cephalometry Machine - This machine helps in taking radiographs of all teeth in one go which reduces radiation exposure to the patient and also gives crystal clear clarity of radiograph which enables us to diagnose and cater treatment to the best. With the help of this machine various radiographies related to oral and maxillofacial areas are possible like OPG, Lateral Cephalometry, PA view, Sinus, TMJ view and Wrist X-ray.

3. Digital Intraoral Radiography - Digital RVG helps us to take the radiograph and within a second image appears on the screen which enables faster diagnosis and clarity of treatment to the patient.

4. Intraoral photography and video recording of dental procedure - This helps us to take the intraoral photographs of the patient's dental condition, which will help us in comparing before-and-after treatment results.

5. Laser

6. Implant system

7. Apex locator with endomotor

8. Bleaching light

9. International Sterilisation Equipment - Sterilisation is the most important and unavoidable part of health care. Our clinic follows International Standard for sterilisation with the help of Ultrasonic Cleaner, Class B and Class S Autoclave, Mill Drop, Mill Rack and DAC Universal which is used for Handpiece sterilisation.



State-of-the-art sterilization facility



Ziecon Advanced Dental Clinic & Research Centre

As a vision accomplished, Ziecon Advanced Dental Clinic and Research Centre stands tall with its state-of-the-art technology with affordable services. Ziecon dental clinic is spread over 7,500 sq. ft. of floor space of most modern construction. The clinic ensures beautiful smiles with 8 state-of-the-art German Sirona dental chairs, coupled with independent latest X-Ray units, with cutting edge diagnostic and treatment equipments which include latest laser treatment.

A variety of treatment options are available with state-of-the-art equipments and our expertise that can bring beautiful smiles on your faces.

Drive for patient-

- World class sterilization
- Luxurious ambience
- Hygienic atmosphere
- All treatment facilities under one roof
- State-of-the-art equipments
- Special pediatric dental care operator

Ziecon Advanced Dental Clinic and Research Centre stands distinct with technology of tomorrow and expertise unmatched. Having made use of technological advancement and world-class expertise, the centre provides comprehensive solutions to all dental care needs. World-class sterilisation and modern equipments used, give precision and offer breakthrough treatments, made possible with the incorporated technological advancement. All these facilities are framed in a luxurious ambience and friendly atmosphere for the benefit of everyone. Affordability is another advantage of the centre offering a one-stop solution for all dental care needs.

State-of-the-art, Sophisticated, Hygienic Dental Clinic





Specialty Treatments

1. **Aesthetic and cosmetic dentistry** - Aesthetic and cosmetic dentistry is an 'art form' devoted to the enhancement of smiles. Your dentist evaluates the health and appearance of your teeth, recommending the best type of treatment for you, and thus crafting a beautiful smile.

A smile is a curve that sets everything straight.

Gone are the days when you had to settle for chipped, crooked and stained teeth. A revolution in newer technology and materials ensure that cosmetically-enhanced teeth now look more natural and last longer than they did in the past. Skillfully blending science and art, your dentist can 'sculpt' a more attractive smile for you.

A variety of treatment options are available to suit most conditions. Some of the most commonly used treatments available include

- a. **Bleaching - (Teeth Whitening)** - is a process of lightening the colour of teeth. It is used to erase stains that come from tea, coffee, red wine, cigarette smoking, and chewing tobacco.
 - b. **Composite filling** - a chip, a crack, fractured tooth, uneven teeth, discolouration, noticeable fillings in your front teeth, small gaps between teeth can hamper your smile. Fortunately, there is a simple, pain-free, long-lasting and cost-effective dental procedure that can restore the beauty of your smile, which is called is composite filling. Composite is a tooth colored restorative material which is available in different shades.
 - c. **Crowns (Cap)** – are coverings that fit over your teeth and restore each tooth to its normal shape and size, along with strengthening and improving its appearance.
 - d. **Laminates /Veneers** - are wafer-thin shells of porcelain which are bonded onto the front side teeth and can be an excellent solution for crooked, chipped, discoloured or worn teeth.
2. **Tooth replacement** - In most cases teeth are lost over the years due to caries (Decay) or periodontal diseases (Gum disease). Often the loss of teeth is also caused by an accident. A missing tooth disturbs function and aesthetic appearance. There are many options like, bridges, dentures and the most recent one is Implant.
 3. **Implants** – Restorative dentistry is aimed at creating the most natural situation. Implants offer the closest simulation of natural dentition having nearly the same properties. Implants are inserted as



artificial roots into the jaw bone, in order to firmly anchor crowns, bridges and even removable dentures. Material and design of today's implants are extensively researched, bio-compatible and osseointegrated. Dental implants will give you the feeling of having your own teeth. You will be able to chew and laugh naturally again.

4. **Orthodontic treatment** - The process of straightening teeth is called orthodontics. It helps in moving teeth which are mal-aligned, straightening irregular, crowded, or improperly placed teeth. Anyone with mal aligned or irregular teeth, buck teeth, crowded teeth, overlapping teeth, rabbit teeth or ones with gaps in between may require orthodontic treatment.
5. **Periodontal therapy (Treatment for gum disease)** - Periodontal disease is an infection that gradually destroys the tissue surrounding your teeth. This, if left untreated, often progresses to tooth loss. This can be treated by surgical or non-surgical treatment depending upon stage of the disease. Non-surgical treatment includes scaling and root planning. Surgical treatments are gingivectomy, flap surgery, mucogingival surgery, crown lengthening procedure.
6. **Laser dentistry** - Laser in dentistry is a recent advancement. With the help of laser, the treatment becomes painless, bloodless. There are various treatment which are possible by laser that includes, gingivectomy, gum surgeries, frenectomy, treatment of aphthous ulcer.
7. **Preventive dentistry** - We believe that prevention is better than cure. There are some tooth disturbances in shape, size, structure and morphology which make it more susceptible for dental decay and gum diseases. By treating those defects we can avoid dental disease. It includes fluoride application, pit and fissure sealants.
8. **Surgical procedures** - Surgeries for third molar removal, treatment of fractures of jaws, small cyst and tumours, soft tissue lesions are done in our set-up.
9. **Radiography** - Our clinic is equipped with all recent digital equipment from an international company "Sirona". We have facilities for intraoral digital radiography, cephalometry, orthopantomogram (OPG), TMJ views, PA view of skull.
10. **Oral cancer detection centre** - In our clinic we have facility to detect Oral Cancer and precancer. Our centre is recognised centre for tobacco habit intervention.



Paint a rainbow inside of you, paint a rainbow and let your smile shine through. When it's cold and gray, push the clouds away, paint a rainbow in your heart. Always give yourself 'a reason to smile'.