

GEM WORLD

Official Magazine of The Jewellers Association, Jaipur

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TRADE GAINS MOMENTUM



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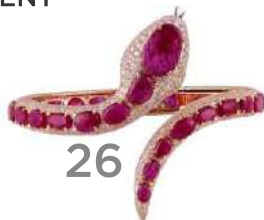
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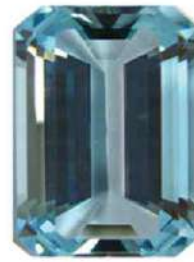
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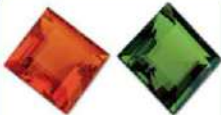
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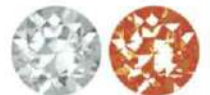
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Jewellers Association ELECTIONS CONCLUDE

The elections of the association were conducted for 2022-24



(Front row) From L-R: Vijay Kedia, Raju Agarwal Mangodiwala, Alok Sonkhia, D P Khandelwal, CA S R Sharma, Neeraj Lunawat, Govind Prakash Agarwal, Nirmal Kumar Bardiya | (Back row) From L-R: Bitthal Das Maheshwari, Abhishek Sand, Pradeep Mehta, Ajay Godha, Narendra Lakhi, Ramsharan Gupta, Ashok Maheshwari, Sunil Manihar, Pankaj Sonkhia, Mahaveer Kumar Daga, Abhishek Jain

The members of the Jewellers Association Jaipur came forward with great enthusiasm to elect the members of working committee of the Association for 2022-24. The elections were conducted on 31st May, 2022 and the results were declared on the same day at Janopyogi Bhawan. These elections saw an outpour of participation by the members of the association who came out in great numbers to cast their vote. Out of 6431 members, 4135 exercised their right to vote. The elections were conducted under the supervision of renowned CA, S R Sharma, the Election Officer of Jaipur



Jewellers Association. The elections were contested for 15 seats out of total 18 seats that include office bearers and members of executive committee.

Three members have been Co-opted as executive committee members.

All the office bearers were elected unanimously.

President:	D P Khandelwal
Vice President:	Alok Sonkhia
Hony Secretary:	Neeraj Lunawat
Joint Secretary:	Raju Agarwal Mangodiwala
Treasurer:	Govind Prakash Agarwal

Members of Working Committee

Abhishek Jain, Abhishek Sand, Ajay Godha, Ashok Maheshwari, Bitthal Das Maheshwari, Mahaveer Kumar Daga, Narendra Lakhi, Nirmal Kumar Bardiya (Co-opted), Pankaj Sonkhia, Pradeep Mehta, Ramsharan Gupta (Co-opted), Sunil Manihar, Vijay Kedia (Co-opted), Ashok Maheshwari was appointed as Convenor of JAS committee in the first meeting of the newly elected executive committee.



TRADE GAINS MOMENTUM

JAS Select, an out-and-out b2b show, continued to create success milestones in the second edition that concluded recently. Read along to know what all happened.

The second edition of JAS Select 2022 was inaugurated on 28th April 2022 in the August presence of various dignitaries, guests, members of the association and buyers and exhibitors. The show began with ceremonious lighting of the lamp by CP Joshi, Speaker, Rajasthan Legislative Assembly, along with the guests of honour, Bachhraj Bamalwa, Varghese Alukka and MLA Rafiq Khan. The manufacturers, traders and retailers of gemstones and jewellery were thrilled with the responses they received. The social media team of JAS innovated and added a whole new dimension to the propaganda of the Show and its offerings. The 3-day show had various knowledge sharing seminars, gala nights and jewellery awards during its course.



RAJESH DHAMANI
Convenor, JAS

With enormous success of b2b show last year, we were committed to create the platform again for our buyers and exhibitors. B2b shows are knowledge and resource sharing platforms that boost trade and economy in a focused manner. We planned this edition to speed up the sale cycle by targeted approach whereby the buyers and sellers can connect seamlessly before the wedding and festive season commences. It gives me immense joy to say that this year too, we hosted a successful show.



Captured: Dignitaries at the lamp-lighting ceremony and other moments at the Show



GALA FASHION NIGHT

The Show had an entertaining Fashion Show in the evening to showcase the extraordinary collections of jewellery by the exhibitors.



KNOWLEDGE SHARING SEMINARS

SEMINAR - I

Under knowledge-sharing initiative, a seminar on 'Future of Kundan Jadau Jewellery and Coloured Gemstones – In the Indian Wedding Industry' was organised. The esteemed panel comprised Prabhat Shekhar, Kailash Kabra, Neerav Challa, Varghese Alukka, Venkata Bhanu Prakash Jasti and Amit Bandi as panellists and Samit Bhatta as the moderator.



“” **Prabhat Shekhar**, Director, Manohar Lal Saraf Jewellers, New Delhi

Coloured stone jewellery needs innovation in design to meet the dynamic demands of today. There is a huge market for coloured stone jewellery. There is a strong need to bring in transparency when it comes to coloured stones and diamonds to be able to assess the correct price.

“” **Kailash Kabra**, Founder & Partner, KK Jewellers, Ahmedabad

Open setting jewellery has been a great replacement for diamond. Open setting has widened the scope of market growth. The entire market is bubbling with demands for Jadau jewellery. And the demands are usually influenced by the famous Bollywood weddings.



Seminar 1: (L-R): Samit Bhatta, Ashok Maheshwari, Rajesh Dhamani, Alok Sonkhia, Naresh Agroya, Kailash Kabra, Prabhat Shekhar, Varghese Alukka, Venkata Bhanu Prakash Jasti, Amit Bandi, Neerav Challa, Rupesh Tambi, Anil Tambi and Abhishek Saand

SEMINAR - 2

Another vital session was organised wherein, 'Importance of Kundan Jadau Jewellery and Coloured Gemstones in Jewellery – in Millennial Life and How Retailers are Attracting More Customers for this Category' was deliberated upon. The panel was moderated by Aashray Khurana and the esteemed speakers were Gehna Datwani, Komal Soni, Shweta Pathak, Nandita Agarwal, Latika Khanna and Shradha Keshri.

Polki in the north-eastern part of the country. The millennial populace is experimenting and selecting jewellery that resonates with their personalities and at the same time trending too.



VOTE OF THANKS by **Alok Sonkhia**, Vice President, Jewellers Association
 The second edition of the b2b show of JAS was a successful



“ ” **Gehna Datwani**, Chief Creative Officer, Gehna Jewellers, Mumbai

Open setting in Jadau and use of coloured gemstones in jewellery has been trending lately and has a wide scope in future too. A lot of celebrities on social media are posting their coloured stone jewellery which furthers the fact that there is a huge rise in demand of coloured stone jewellery.

“ ” **Komal Soni**, Chief Operating Officer, Manikchand Jewellers, Assam

The demands are now growing in Jadau and

edition. The team tirelessly worked towards organising a fantastic show. The social media team deserves a special mention for their farsightedness and planning to promote the show in different parts of the world with targeted messages and promotions about the show. Jaipur is known as the coloured stones and Polki capital of the world. Jewellers Association Jaipur takes all relevant measures to promote these two sectors and JAS Select is also one such effort. I feel extremely proud to be a part of the platform that promotes coloured stones and Jadau jewellery.



Seminar 2: (L-R) Samit Bhatta, Abhishek Sand, Raju Mangodiwala, Rupesh Tambi, Ramsharan Gupta, Nandita Agarwal, Shweta Pathak, Aashray Khurana, Komal Soni, Gehna Datwani, Latika Khanna, Shradha Keshri, Alok Sonkhia and Naresh Agroya

JEWELLERY EMINENCE AWARDS

Jewellery Eminence Awards (JEA) night was organised to not only recognise the shining talent of the industry but also to provide a grand interactive platform between various brands and jewellers from across India to interact. JEA was organised by Jewellers Association Jaipur and was powered by JAS with support from Gemfields. The ever so charming actress from Bollywood, Prachi Desai, was the Chief Guest for the show and gave away all the awards in the presence of Association members and guests.

with the response we got. The joy of winning was reflected on the faces of the winners who were elated with the recognition they received.



RUPESH TAMBI
 Convenor, JEA

The JEA awards were divided into three categories, i.e. students, professionals and jewellers. We received entries from various parts of the country and were delighted



Prachi Desai, Bollywood Actress

I was extremely glad to have been present at the prestigious JEA. It was not only wonderful awarding the winners, but I was also overjoyed to see the wide range of Kundan Meena work in the show. When it comes to Jadau, I think Jaipur is unbeatable.





Winners of Jewellery Eminence Awards

S.NO	AWARD CATEGORY	WINNER
1.	Diamond Necklace of the Year	OPH Jewellers, New Delhi
2.	GF Ruby/Emerald Necklace of the Year	Tara Fine Jewels, Mumbai
3.	Colour Stone Jewellery of the Year	Exquisite Fine Jewellery, Jaipur
4.	Bridal Jewellery of the Year	Sanskriti Jewels, Mumbai
5.	Polki Necklace of the Year	Raniwala Jewellers Pvt Ltd, Jaipur
6.	Heritage Necklace of the Year	Raniwala Jewellers Pvt Ltd, Jaipur Shah Gems, Jaipur
7.	Temple Jewellery of the Year	Jewels of Rajputaana
8.	Gemfields Ring of the Year	Sanskriti Jewels, Mumbai
9.	GF Ruby/Emerald Ring of the Year	Tara Fine Jewels, Mumbai
10.	Earrings of the Year	Sparsh Jewellers, Mumbai
11.	Bangle/Bracelet of the Year	MRK Jewels Pvt Ltd
12.	Statement Jewellery of the Year	Sanskriti Jewels, Mumbai
13.	Minimalist Jewellery of the Year	Gem Plaza Jewellery Mfg Co Pvt Ltd, Jaipur Tara Fine Jewels, Mumbai
14.	Men's Jewellery of the Year	Kirtilals Kalidas Jewellery Pvt Ltd, Coimbatore
15.	Accessory of the Year	Pooja Diamonds, Ahmedabad
	Gemfields Student of the Year	Shweta Gupta
	Gemfields Professional of the Year	Amisha Rai



PRERNA MAKHARIAA

India's first jewellery influencer has a wide experience of over 19 years in gems and jewellery sector. Formally trained and qualified under GIA, GII, SNTD and Gautam Banerjee, Makhariaa visited JAS and has shared her valuable observations. She diversified 6 years ago and also became a personal jewellery shopper. Here is a snippet of her day at JAS Select.

YOUR ADVICE...

My advice to brides-to-be as a jewellery influencer is to buy jewellery that makes you happy and aligns with your choices. Secondly, choose ornaments that you'd be willing to wear 20 years later and your kids would seem excited to wear them later too. The jewellery designs in Jaipur are mostly timeless and hold relevance later too.

REKINDLE...HOW?

Rekindle the charm of your heirlooms by modifying them into contemporary styles without breaking them or damaging their craft.

EXPERIMENT...

Why stick to only diamonds or Polki jewellery. Try antique jewellery or gold-centric jewellery or something that has a play of colours in gemstones so that you can break away from the monotony and look chic and glamorous.

SUGGESTIONS TO THE JEWELLER COMMUNITY...

I would like to suggest the jewellers to adapt sustainable practices in work to help build a healthy eco-system and reduce the damage to the environment. The block chain system is critical in maintaining long-term sustainability, be it b2b or b2c. From mines to market, from the source to the end consumer, building a healthy system is the key in times ahead to assure transparency in the whole system.

6 GEMSTONES...

to watch out for this year



1 PINK SAPPHIRES



2 PARAIBA TOURMALINE



3 MORGANITE



4 OPAL



5 TANZANITE



6 EMERALD

PREETA AGARWAL

She is a New Delhi based Jewellery Specialist who dedicates a majority of her time in writing about fine jewellery for her award-winning blog 'Bejewelled Finds'; and for various leading international jewellery magazines like The Jewellery Editor, Rapaport, Solitaire Singapore, Forbes India, VO+, Make In India and more. With over 50,000 followers on her Instagram page, she is one of the most knowledgeable voices in the jewellery industry across India and globally.

https://www.instagram.com/preeta_agarwal/

A trained jewellery designer and a photographer, she has also authored five coffee table books on high jewellery. Her company 'Preeta Agarwal Workroom' acts as a one stop partner for all jewellery & related enterprises, where she provides exclusive services for the world of fine jewellery in the field of brand consultation (branding, marketing and events), brand promotion, digitalisation, jewellery styling, creative content for books and magazines, collection conceptualization, PR & communications and guidance/ education in social media, design & trends.



Q How has your experience been at JAS?

I saw some very beautiful gemstones and Jadau jewellery at the JAS show. For a jewellery enthusiast like me, what more can I ask for!

Q What are the most striking things you saw at JAS this year?

The extensive variety of gemstones showcased (both loose & studded) was amazing. From carved emeralds to spessartite garnets to all possible shades of pink, the pink city never disappoints me!

I also loved the bird rings showcased at Adbhut Jewels. They were a delight and my Instagram audience was obsessed with them!



ADBHUT Jewels



ACHAL Jewels



GEM PLAZA



SAVIO Jewellery

RENU CHOUDHARY

Backed by her roots in diamond business for over four generations, Renu has always been fascinated and inspired by the rich heritage of her ancestral city, Jaipur.

A graduate in diamonds from the Gemmological Institute of America (New York) she worked with diamond manufacturing companies, and handled the sales and marketing of 1cts certified and non-certified loose diamonds. She was a part of jury at prestigious jewellery design awards. She has visited multiple trade shows and the De Beers Diamonds Mines in Botswana, and got invited as a guest speaker at several seminars and events. She believes in creating informative, valuable, and educative content for her global digital family. She has created a range of Instagram Live conversations with renowned designers, jewellers and auction houses from across the globe since 2018.

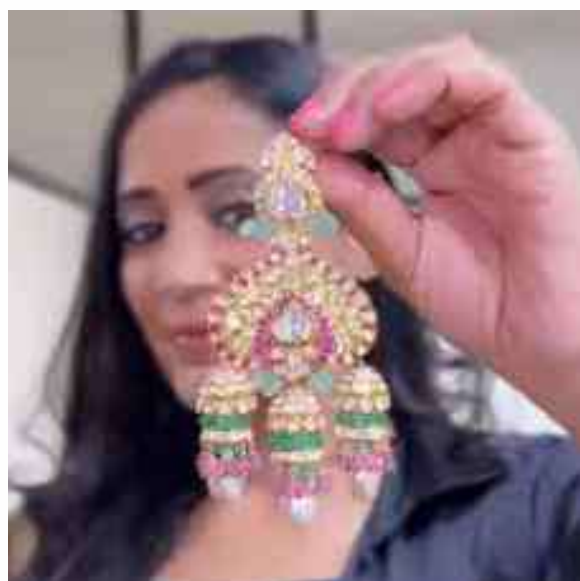


Q What were the most striking things you saw at JAS this year?

This year, I've saw a riot of colours when it comes to gemstones. I was exhilarated seeing the gemstones embedded in jewels and simply loved the pastel hues of Meenakari. The play of colours indicates the contemporary styles that the Jaipur jewellers are creating to set up new trends.

Q How was your experience been at JAS?

My experience at JAS was simply superb! I don't think Jaipur can be beaten by any other place when it comes to hospitality. The arrangements made by the team were flawless. The display of gemstones in various shapes and sizes was an interesting watch. The designs in Jadau and diamond jewellery show the creative acumen put behind creating these trending pieces.



Bela Badhalia, Director, Adbhut Jewels Pvt Ltd

Immensely inspired by nature, we created our collection based on birds using a blend of certified fine quality gemstones. We blended the art of Jadau with Partash to create some iconic pieces. Our innovative approach to design and exclusivity of our collections were hugely appreciated in the show.



Ajay Khandelwal, Proprietor, Shri Nath Jewels

This year, we had a wide collection of carvings and tumbles. Our collection was unique and one-of-its-kind. Our clients always expect exclusive stuff from us that they do not find anywhere else. We did good business last year in this b2b show. And this year too, we interacted with visitors and buyers from different parts of the country.



Dinesh Khatoria, Managing Director, Valentines Jewels Pvt Ltd

JAS Select being a trade specific show, we were very optimistic about our participation here. The best part about this show was that we met and directly interacted with specified buyers. These meetings were uninterrupted and lead to good business associations.



Ankur Shah, Proprietor, Ansh Jewels

We displayed an impressive range of high quality Columbian emerald layouts which is a very exclusive thing to make. Being a b2b format show, all visitors on our booth were serious buyers. This is the USP of this show. People were visiting with a mood to buy and that is a good sentiment for the industry. JAS has been a good show for us.





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SHRI NATH GEMS



JATIN GEMS



SHIVIN JEWELLERS



SYMETREE



FINE COLOUR GEMS PVT LTD



ANSH JEWELS



K G GEMS



ADBHUT JEWELS PVT LTD



RAMBHAJO JEWELLERS



NOLKHA BROTHERS PVT LTD



BIHARILAL HOLARAM JEWELLERS



A G GEMS PVT LTD



UMRAO JEWELS



RAMBHAJO JEWELLERS



M L PITLIYA JEWELLERS



GEM PLAZA



PUNGALIA TRADING CORPORATION

The show was very well organised. The hospitality out-does any other national or international show. The planning and execution was so detailed that as visitors, we were overwhelmed. Jaipur is the hub of jewellery and gemstones and seeing a show like this is very encouraging. The Jadau craftsmanship of Jaipur is unmatched.

LATIKA KHANNA
Latique, Gurugram

When it comes to craftsmanship in Meenakari and Jadau jewellery, Jaipur is unbeatable by the rest of the world. The Pink city is also a hub for coloured stones and coloured stone jewellery. The variety in designs and making is truly a delight. Every booth had something unique that stood out from the rest.

BACHHRAJ BAMALWA
Bamalwa & Co.
Kolkata

Guest of Honour

I was extremely glad to be a part of JAS Select. For retailers like us, JAS is a good opportunity to explore wide range of jewellery, be it gemstone jewellery or Kundan-Polki jewellery. I hope more and more retailers visit the show in future to buy coloured stones jewellery.

VARGHESE ALUKKAS
Jos Alukkas & Sons
Kerala

Jaipur is known for its Polki. It is absolutely wonderful to visit JAS to witness a wide range of collections in not just Polki but other varieties too. We had a wonderful experience at the show.

SHWETA PATHAK
Akarshan Gems & Jewellery
Bhopal

We've been manufacturing Jadau jewellery for past 18 years. We also specialise in creating and redoing old pieces into new. We were really happy to be at JAS and see the wide variety at display. It was a very well organised show.

SURBHI SHAH

Surbhi Jewels
Surat

I am glad to have participated in the Show where there was so much creativity and variety to see. I love the Jadau work of Jaipur and it is unmatched. I love the gemstone jewellery as well as Polki. I was happy to meet and interact with new vendors at JAS.

SHRADDHA KESHRI

Hira Panna Jewellers

A NEVER BEFORE 'EXPERIENCE CENTRE'

One of the most distinguished and unique aspect of JAS was its iconic Experience Centre. Designed with a premise to highlight the crucial steps of the life of a gemstone, the artisans at the Experience Centre demonstrated the journey of gemstone live for the visitors.

These steps included,

- Sorting of rough
- Cutting
- Pre-forming
- Finishing
- Polishing

The visitors did not only see these demonstrations but tried their hand at these by carrying out each process hands-on. On completion, they took

their fruit of labour as a memento from the show with no extra charges. The Experience Centre was a buzz for all as they witnessed the life-cycle of a gemstone live!





**GLIMPSES OF
JAS
THE SELECT B2B SHOW**





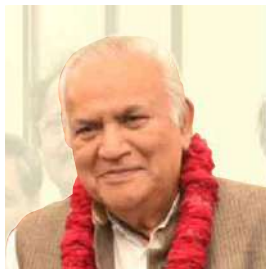
JAGS

JEWELLERS ASSOCIATION
GEMSTONE SHOW 

YET ANOTHER PROMISING EDITION OF JAGS CONCLUDES



Jewellers Association Gemstone Show (JAGS), the official gemstone show of the Jewellers Association Jaipur was organised on March 26th, 2022 at Janopyogi Bhawan, Janta Colony, Jaipur. The one-day-show hosted 60 booths with rough and polished coloured gemstones and witnessed a visitor count of over 1500 people. The B-2-B event was inaugurated by Navrattan Kothari, Chief Guest and Ram Das Sonkhia, Guest of Honour. JAGS was a huge success and saw fruitful business interaction and sales amongst booth-owners and visitors.



Chief Guest
NAVRATTAN KOTHARI

I was elated to witness gemstone dealers and suppliers presenting a year's worth of effort and investments to buyers from around the world. It was my honour to be the Chief Guest of the show. Networking and learning with the industry's most eminent players, influencers and experts is always great. The show housed one-of-a-kind gemstones by renowned gemstone houses, ateliers and brands and it was a pleasure to witness top-quality gemstones that took pride of place in the JAGS couture section. Shows like JAGS, gives us lots of opportunities to improve our impacts on gemstones industry. If made bigger, these shows will play a major role in helping our markets improve its own sustainability through connecting people with the networks and knowledge they want to help solve the big challenges in gemstone sector. These shows can bring in a consumer mindset shift. The industry and the end user witness the ever changing product design trends in these shows and businesses gets a chance to grow and evolve. These shows can often resume international in-person trade and equip businesses with what it takes to serve pent-up global demand.



Guest of Honour
RAM DAS SONKHIA

JAGS was very well organised and the Association is working very hard to promote trade opportunities. The inventory available at the show was for one and all. This is the best aspect about the show and I'd like to congratulate the Association for it. The product range available at the show was suitable for big scale, medium scale and small scale buyers and sellers. Leading trade shows are ideal for big enterprises but small scale businessmen can easily participate in shows like JAGS and display their inventory. It is a good point of interaction and sales for all. In fact, here in JAGS, the exhibitors have displayed a wide variety in a limited space and that also goes on to show the keen participation.



Convenor
MUKESH VIJAY

This edition of JAGS has been a milestone show for the industry. The response we received during the show has been extremely encouraging. The show timings were kept between 10am-6pm and we had to stop visitors

at 6:30pm to enter the show and we requested them to visit us in the next show. This zealous participation was truly rewarding. Owing to the good business that happened, visitors and exhibitors have asked us to organise this show on a monthly basis. We are trying to shape this demand and may host six shows of this kind in a year. We're currently working on that. The Show had a complete range of all kinds of coloured gemstones, cut stones and rough under one roof. JAGS has been an extremely productive show for buyers and sellers for coloured stones industry.



2022

NEWS & UPDATES

JEWELLERS ASSOCIATION ANNUAL GENERAL MEETING CONCLUDES SUCCESSFULLY

The Annual General Meeting (AGM) of the Jewellers Association Jaipur successfully concluded on 28th March 2022 at Janupyogi Bhawan, Jaipur. Raju Agarwal Mangodiwala, Treasurer, Jewellers Association Jaipur, presented the balance sheets for the year 2019-20 and 2020-21 and got them approved. SR Sharma (CA), Election Officer, handed over the working to the newly elected committee in the meeting.

In this AGM, the details of work done by the Jewellers Association in the previous year were presented along with the plans and policies for future. In this momentous

meeting, the Association also informed about the 'Employment Generation' scheme that will benefit the employee and the employer by connecting them on a common platform.



Ram Sharan Gupta, President, Jewellers Association Jaipur, spoke in detail about the initiatives

taken by various working committees and sub-committees and addressed the gathering.

Jewellers
Association
Jaipur



2022

NEWS & UPDATES

**Jewellers
Association
Jaipur**

JAED BRINGS OPPORTUNITIES AND JOB GALORE



Jewellers Association Jaipur has announced and initiated the mega project that would benefit the gems and jewellery sector as well as promote employment. The mega project named as Jewellers Association Employment Drive (JAED).

This initiative has been undertaken to provide a platform to Jaipur's gems and jewellery industry to hire manpower. JAED will act as a bridge between aspiring candidates and industrial set ups. Be it newcomers, skilled manpower or experienced candidates, JAED will provide a platform for employers to find their most suitable employees. These efforts have been directed towards creating job opportunities and initiating communication between job seekers and job providers. The following areas of work will be covered under JAED.

- Marketing and Sales

- Accounts
- Graphic Designing
- Manual/ Corel Designing
- CAD Designer
- Software Operator
- Production Manager
- Ghat Karigar
- Polish Karigar
- Human Resource
- Assorter
- Purchase Manager & Others

Process

- Forms can be submitted online on Google as well as physically deposited.
- A link will be sent to all via message and email.
- Both job seeker and job provider will fill up the form.
- The collected data of job provider and job seeker will be shared through Jewellers Association with each other.
- The form submission is free for all

IGJS 2022

Addresses the Global Supply Need in G&J

The Gem & Jewellery Export Promotion Council (GJEPC) successfully concluded the exclusive B2B jewellery show the IGJS in association with Gemfields, at JECC, Jaipur, India's coloured gemstone capital, from 10th to 12th May, 2022. The three-day show witnessed 200+ leading exhibitors showcasing their gems and designer jewellery to 650 international buyers from across 48 countries.

It was the first ever physical event hosted exclusively for global buyers in India to increase exports and to exemplify India's strong hold on the gem and jewellery industry. The exclusive show catered to all product segments of gem and jewellery such as colour gemstones, loose diamonds, plain gold jewellery, diamond studded jewellery, and gemstone studded jewellery and silver jewellery.

Being the world leader in cut and polished diamonds, the coloured gemstones capital of the world, and the fastest growing gold jewellery exporter, IGJS catered to every sourcing need of the global market. India plays a prominent role in the global gem and jewellery industry with exports of nearly USD 40 billion annually. Top markets are the USA accounting for 37% of India's G&J exports, Hong Kong (24%), UAE (14.5%), Belgium (5%) and Israel (4%).



CECA Advantage: Indian G&J to Gain Competitive Edge in Australia



With successful negotiation of Comprehensive Economic Partnership Agreement (CEPA) with the UAE, the Indian Government has secured preferential access for Indian gems and jewellery products in Australia through the recently executed India-Australia Comprehensive Cooperation Agreement (CECA). Currently India-Australia has a significant bilateral trade of USD 950 million for gem and jewellery commodities. Key commodities that are exported to Australia are gold jewellery plain and studded and polished diamonds. The main commodities imported from Australia are precious metals i.e. gold and silver bars.

On this occasion, Collin Shah, Chairman, GJEPC, said, “The historic India-Australia trade agreement is expected to unlock millions of dollars of additional trade due to the

preferential access accorded towards India's gem and jewellery exports to the island nation. While India-UAE CEPA will build inroads for plain gold jewellery to the Middle East, and CECA with Australia would provide preferential advantage for the studded jewellery sector. Australia is one of our large suppliers of gold and silver bullion, and until recently, it was also a key supplier of diamonds. We expect Australia to benefit from access to areas where India is a world leader, such as diamonds. By providing preferential access for Indian gems and jewellery exports, the deal also makes it cheaper for Australian retailers to procure world-class jewellery crafted with finesse from Indian manufacturers.

We expect the Agreement to boost bilateral gem and jewellery trade from USD 950 million at present to USD 1.5 billion.”



'Origin Certification' Introduced by IIGJ-Research & Lab

The much awaited service to know the origin of emeralds is launched.

The two well-established laboratories operated by the GJEPC – the Gem Testing Laboratory (GTL, Jaipur) and the Indian Gemological Institute – Gem Testing Laboratory (IGI-GTL, Delhi) merged and have become IIGJ-Research & Laboratories Centre (IIGJ-RLC) in Jaipur on 25th February 2022.

The landmark development of this new laboratory service in Jaipur will benefit the pink city and rest of the country's gem and jewellery industry. The current infrastructure supports emerald research and will soon be expanded to rubies, sapphires, etc. The laboratory has now emerged as the leading facility in the country for certification of loose coloured gemstones, diamonds, and studded jewellery.

The laboratory infrastructure is on par with international standards. Housed in a sprawling 10,000 sq ft area, the laboratory includes highly sophisticated, sensitive, and unique state-of-the-art instruments such as Laser Ablation - In Coupled Plasma – Mass Spectrometer (LA-ICPMS) for chemical fingerprinting, x-ray micro CT for 2D/3D x-ray imaging, automated

screening machines for loose and mounted diamonds, in addition to other spectrometers such as Laser Raman, Infra-red, X-ray fluorescence, etc.

The origin certification at IIGJ-RLC will be based on gemological analysis by a highly skilled and experienced team of gemologists, spectroscopic analysis using UV-Vis-NIR, Laser Raman and FTIR and chemical analysis using highly sophisticated, advanced, and state-of-the-art instrument, LA-ICPMS, which has the capability of detecting the presence of various elements up to PPB (Parts per Billion) levels. IIGJ-RLC is the first and only gemological laboratory in the country to house LA-ICPMS for its routine certification, thereby, making the reports issued more authentic.

The laboratory is operational from Sitapura, while samples can still be submitted at the regional office of the GJEPC, situated at 3rd Floor, Rajasthan Chamber Bhawan, M.I. Road, Jaipur. The laboratory has already arranged to serve manufacturers, dealers, and retailers in other parts of the country by empanelling experienced and affordable logistics partner.

NK Felicitated with Life Time Achievement Award

An icon in the gems and jewellery trade, Navrattan Kothari, was felicitated with Life Time Achievement Award for his outstanding contribution to the industry.

“An individual has not started living until he can rise above the narrow confines of his individualistic concerns to the broader concerns of all humanity.” These words of Martin Luther King, Jr reverberate in the life lead by Navrattan Kothari (NK). Known as an eminent industrialist and passionate philanthropist, NK is the founder of KGK Group. To commemorate his exceptional contribution to trade and welfare, he was honoured with the highest recognition of Lifetime Award of the year 2021 at the Jewellery World Conclave in Dubai. The award was presented to him by Sultan Ahmed Bin Sulayem, Executive Chairman, DMCC.

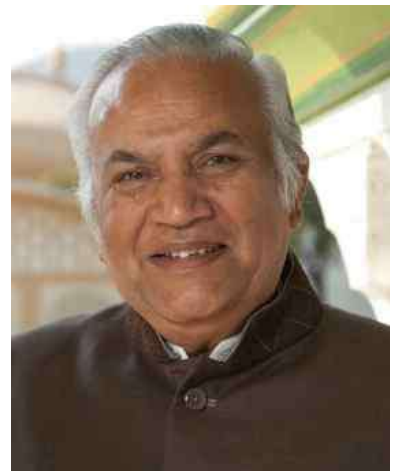
NK expressed his gratitude and thanks on the occasion and said, “This honour encourages me and the entire team at KGK to work hard and continue to achieve our goals. My team and I

are committed to work hard and positively influence the lives of the less privileged.”

Born in the year 1942, NK established the KGK Group in the 1960s. He is one of the prominent industrialists who has done tremendous work for the gems and jewellery trade of Jaipur and has contributed in making it reach newer heights at international level. KGK has its vast presence in over 27 countries of the world and has a man-force of over 20 thousand.

KGK is a conglomerate that operates at several mines and manufacturing units of minerals, including precious gems. Along with this, they are also active in real estate and in the field of retail with manufacturing units established in 9 countries.

Other than being a dynamic industrialist and a powerful business leader, NK is also reckoned for his dedicated work in social welfare of people. His contributions have been recognised numerous times and he has been honoured with many prestigious awards in the India and overseas.



- Felicitated with the 'Maharaja Sawai Bhawani Singh Award' in 2008 for his efforts in revival of historical heritage of Jalmahal and Mansagar Lake.
- At 8th Annual Gemfields and Rio Tinto Retail Jeweller India Awards, he was honoured with 'Life Time Achievement Award' in 2012.
- Honoured with 'Excellence Award' by Sarjan Group, Hong Kong in 2016.
- He held positions of importance at various leading institutions of India and abroad.

NK is also the chairman of SS Jain Subodh Shiksha Samiti that has 17 major educational institutions under its umbrella where more than 33,000 students pass out every year. Along with this, NK has played a vital role in

management of the reputed hospital, Bhagwan Mahaveer Cancer Hospital and Research Centre in Jaipur. This hospital has emerged as a lifeline for cancer patients and is the largest cancer specialty centre in North India.

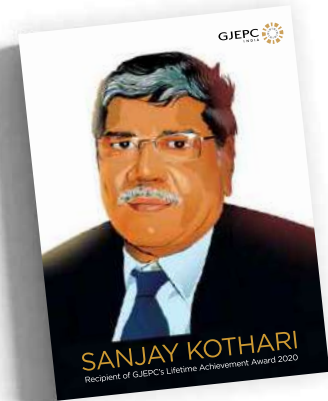
Jewellers Association Jaipur Meets and Greets Navrattan Kothari

The gems and jewellery trade fraternity of Jaipur congratulated the iconic businessman NK on being honoured in Dubai. Ram Sharan Gupta, President, Ashok Maheshwari, Hony Secretary, Raju Mangodiwala, Treasurer, and other office bearers and members of the Jewellers Association Jaipur and Sitapura Gem and Jewellery Industry Association congratulated NK on his felicitation and expressed their pride and joy.



Sanjay Kothari Felicitated with Lifetime Achievement Award

Kothari was awarded at the 47th IGJA organised by GJEPC



47th India Gem and Jewellery Awards (IGJA) were held in Mumbai. Sanjay A. Kothari was honoured with the Lifetime Achievement Award by The Gem and Jewellery Export Promotion Council (GJEPC). The award was presented by Chief Guest Kapil Dev, Former Captain, Indian Cricket Team & Guest of Honour, Mohinder Amarnath, former Indian cricketer in the presence of Colin Shah, Chairman GJEPC and other dignitaries.

Kothari was felicitated for his multi-faceted contributions to the industry over the last few decades, as Chairman of GJEPC from 2000-2004 and 2006-2008. As the Chairman, his roles in leading other committees of the Council, his stellar contribution to GJEPC projects such as IIJS, IIGJ and his current role as Chairman of GJSCI and GJNRF was tremendous. In a special salutary book released on the occasion, Sanjay Bhai (as he is often addressed as), was described by the Council as 'a towering personality', 'a mentor to many and 'a model of rectitude'. Kothari has earned groundswell of praise and respect from every quarter, be it his industry peers, friends, family, media, or even his office staff, some of whom have been working with him for 50 years.

Kothari has been a multifaceted luminary who has devoted more time and energy to the Council than any other office bearer. Sanjay Bhai had the distinction of being the longest-serving Chairman of GJEPC and with his charismatic personality and an innate ability to lead groups as a cohesive force; he has gained recognition for India as a global leader and strengthened the various developmental activities of the Council. The publication made special mention of his role in transforming IIJS into a vibrant B2B show that is now recognized as a leading global event, launching IJW, steering many key policy changes, among his myriad contributions over the years.



Receiving GJEPC's coveted Lifetime Achievement Award speaks volumes about a person's determination and passion towards one's work. Sanjay Kothari has dedicated his life working for the betterment of the diamond industry and he continues to inspire us through his work as chairman of GJNRF and GJSCI."

Colin Shah
Chairman, GJEPC

TURQUOISE BLUE OF THE SKY & GREEN OF THE SEA

Part 3

IMITATIONS OF TURQUOISE

This is third and final part of the 3-part series on turquoise, covering its imitations and their detection.

Recap from Part 1 and 2

Turquoise contains microscopic crystals forming a solid mass. If the crystals are packed closely together, the turquoise is less porous, resulting in a finer and smoother texture. Turquoise with loosely packed crystals has higher porosity with coarser texture. Both porosity and texture affect the appearance and durability of turquoise. Lesser the porosity, smoother the texture, higher the durability, better the toughness, and vice versa. Fine textured Turquoise has an attractive waxy to sub-vitreous lustre when polished, while a coarse textured Turquoise appears dull after polish.



Most of the Turquoise appears chalky and whitish when mined, due to its porous structure. This is mainly due to scattering of light from microscopic crystals forming the Turquoise nodule. Such chalky Turquoise is unsuitable for cutting and polishing as it simply crumbles during the process and is also highly susceptible to body oils and other environmental impacts, which often converts blue Turquoise into green. Therefore, due to inherent structure of Turquoise, most of the Turquoise present in the market requires some or the other form of treatment. It is estimated that less than 10% of mined Turquoise can be used in jewellery without any treatment. However, in experience of the author during past 20 years at the GJEPC-Gem Testing Laboratory, over 99% of Turquoise tested were found to be treated by some or the other process.

Due to increasing popularity of this gem material, there is a significant rise in number and types of imitations being presented as Turquoise in recent years, both rough and fashioned. For ease of understanding, these imitations are classified into two groups as follows:

Group 1: Mainly consists of colour-treated (dyed) natural materials, such as Magnesite, Howlite, Alunite, Chalcedony and Dolomite; dyed Magnesite being the most commonly encountered material.

Group 2: Comprises man-made materials, including composites made from Turquoise and/or Magnesite grains and chips, in various patterns, such as, with or without black/brown veins, with or without Pyrite/Marcasite, and with or without metallic (Zn/Cu) flakes/veins. Another common imitation-type in this group includes reconstructed or ceramic materials composed of mineral powder, especially of Turquoise (often called 'synthetic' in trade), Gibbsite or Barite, pressed and bonded in a polymer, with a colouring agent; these ceramic-imitations are also available in various patterns, as described above for composite-imitations. Further to composite and ceramic imitations, translucent to opaque glass is also occasionally encountered.

In addition to the above mentioned two groups, some natural-coloured blue materials, such as Ceruleite and Chrysocolla have also been encountered, simulating Turquoise. Due to their limited encounter, these materials are not being discussed here.

**GROUP 1:
COLOUR-TREATED (DYED) NATURAL
MATERIALS**



Dyed Magnesite with brown veins (matrix)



Dyed Magnesite with black veins (matrix)



Dyed Dolomite with black veins (matrix)



Dyed Alunite



Dyed Chalcedony

**GROUP 2:
MAN-MADE / ARTIFICIAL MATERIALS**



Composite imitation made from chips of Turquoise and metallic foil (imitating Pyrite grains)



Glass imitation Turquoise



Ceramic-imitation Turquoise with and without veins (matrix). Such materials are created using grains or powder of Turquoise, Gibbsite or Barite.

IDENTIFICATION AND SEPARATION

Observational Features

Textural observations under a microscope remain the most important tool, especially while determining presence of colour concentrations in natural dyed materials, or deep crevices with polymer veins or randomly oriented mineral grains in composites, or fine granular texture with 'blue-dots', commonly referred to as 'cream-of-wheat' effect in synthetic (ceramic-imitation) Turquoise.

Careful observations of structural features under a microscope or loupe can spot the difference between natural and various artificial materials described above. However, natural dyed materials can pose challenges.



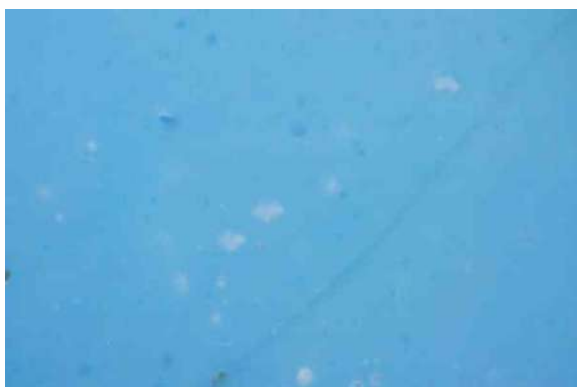
Angular fragments of Turquoise and vein of colourless polymer in a composite Turquoise.



Fine granular texture in a ceramic-imitation Turquoise. This texture is typically absent in a natural Turquoise.



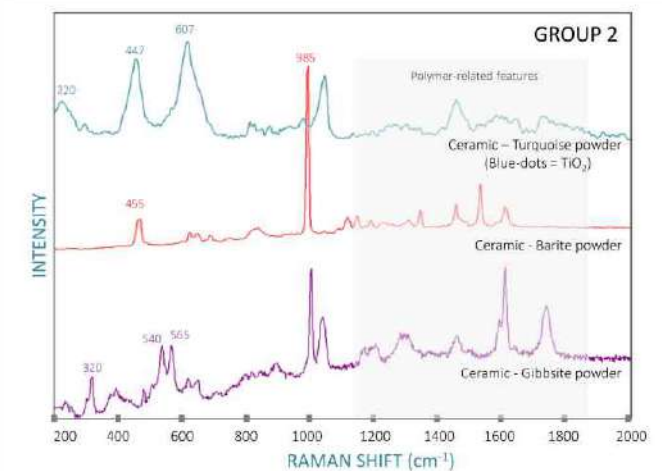
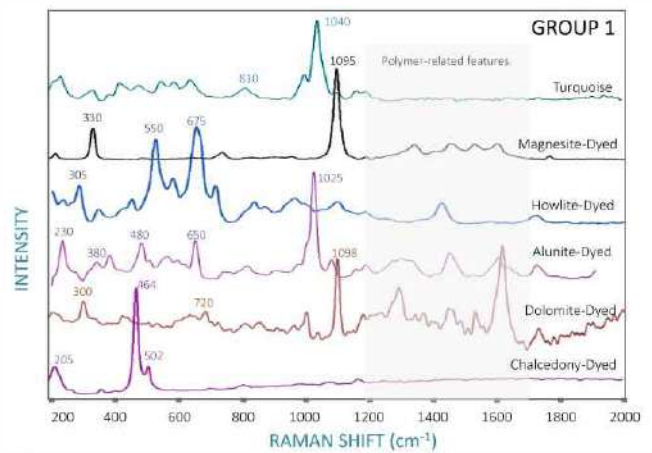
Dispersed blue dots, referred to as 'cream-of-wheat' effect is a common feature in ceramic-imitation Turquoise.



White clouds in ceramic-imitation Turquoise made from Barite powder.

SPECTROSCOPIC FEATURES

Non-destructive spectroscopic methods of analysis, such as infrared, absorption or Raman, along with EDXRF analysis are the most useful tools to characterize and separate natural Turquoise from treated counterparts or its imitations. In routine, the IIGJ-RLC (formerly, GJEPC-Gem Testing Laboratory) uses a combination of qualitative EDXRF analysis, Raman spectroscopy and microscopic observations to identify and separate various types of Turquoise imitations.



Raman spectra of various types of colour-treated (dyed) natural materials and man-made (artificial) materials used as Turquoise imitation. Raman spectroscopy is a powerful, yet non-destructive tool used for separation of natural Turquoise from its imitations.

CONCLUSIONS

Availability of wide range of imitations and simulants has created a lot of confusion within the Turquoise trade, as most of the discussed materials cannot be identified and classified with classical gemological testing. Since most of the natural Turquoise available in the marketplace is 'stabilized' using colourless or coloured polymers, gemological characteristics such as RI and SG are not useful for their identification. However, a combination of observational features under a microscope, qualitative EDXRF analysis and Raman spectroscopy helps to identify and separate turquoise from its simulants and imitations.

ABOUT THE AUTHOR

Gagan Choudhary, FGA is the Director at the GJEPC-Gem Testing Laboratory, Jaipur (now IIGJ-Research & Laboratories Centre).



Choudhary has a Masters' Diploma in Gem Identification from Gem Testing Laboratory, Jaipur, India, a Diploma in Gemology from Gem-A, UK and has completed the Scientific Gemology Course from SSEF, Basel. He is currently in charge of certification and research activities of the laboratory. The author of Understanding Rough Gemstones, Gems & Rocks (in Hindi) and The Science of Gemstone Treatment, Mr. Choudhary is also the author of gem-passion.com, where he has shared numerous reports on interesting gem materials and other gem-related articles. He is also an editor of the Gem News International section of GIA's Gems & Gemology journal.



EMERALD MINING

EXPLORING THE UNKNOWN TERRAIN

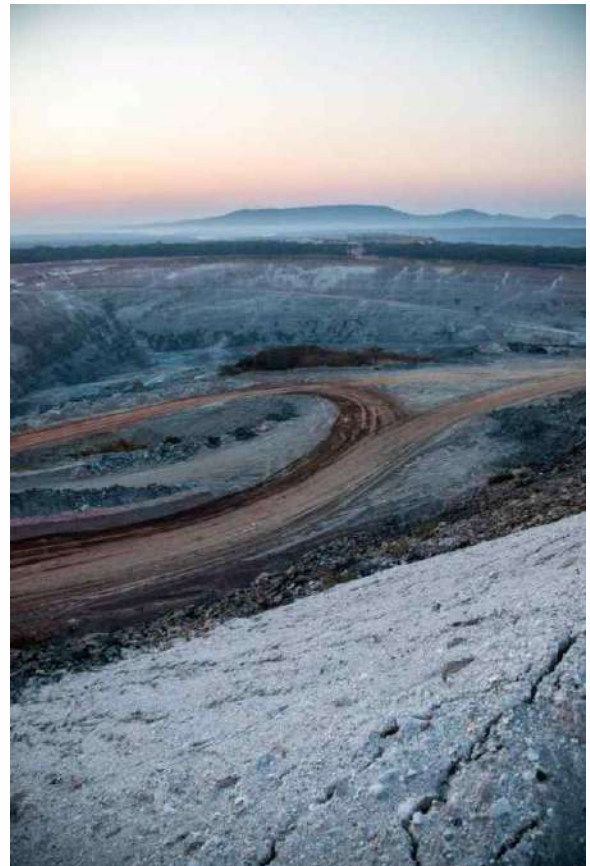
Mining of emeralds has always been a fascinating story but a lot of people are unaware of the depths of work and research that goes behind it. We spoke to Anirudh Sharma, Deputy General Manager, Kagem Mining to understand the stages and processes.

How are emeralds mined?

The way emeralds are mined depends on their location within the host rock - it is vital to understand the rock type and state of mineralisation before operations start because these factors determine what type of mining will be required to extract the emeralds.

Emeralds are formed in a reaction that occurs when two types of rock meet under very specific conditions: when a very old 1.8-billion-year-old talc magnetite schist (TMS) rich in chromium or vanadium is intruded by a much younger 500-million-year-old pegmatite (a volcanic intrusion) with a high beryllium content and are subjected to extreme heat and pressure. Hot mineral-rich briny volcanic fluids are trapped undisturbed in pockets or fissures between the two rocks and cool over long periods of time, allowing a reaction to occur that can eventually lead to crystal growth.

Geologists explore for emeralds using sampling methods such as trenching, pitting, and core drilling to search for indications that a reaction has occurred and to confirm that all the key elements for emerald mineralisation are present. Using the outcomes of these exercises, they can generate a computer-based model of the ore body as it lies underground and plan the mining techniques required accordingly. Depending on the ore body location and characteristics, this can involve drilling, blasting, and excavation, either in an open-pit or underground mine.



Are they dug out manually or by machines?

Emeralds are mined manually. They are chiselled out by highly skilled teams of geologists who are trained to carve out the emerald crystal from its host rock. However, the waste rock surrounding the production areas is mined using industrial methods such as drilling, blasting and high-capacity Heavy Earth Moving Machinery (HEMM).



What challenges do you face while mining them?

The greatest challenge is figuring out where the emeralds will occur – emerald mineralisation is rare and erratic, and the formation of premium quality emeralds is rarer still. Other challenges include:

- A very high ratio of waste rock must be removed to access the ore (called the 'stripping ratio') - in Kagem's case the stripping ratio is in excess of 100:1 - one of a very few global mining operations with such a high ratio.
- Sheer scale of the operation: a 2.2 km-long open-pit with a depth of 160 metres, requiring over 1 million tonnes of rock to be moved each month – Kagem is believed to be the world's single largest producing emerald mine.
- Low yields: 1 tonne of ore produces only around 50 grams of emerald and beryl, of that, 13 grams are emerald and just 0.3 grams are premium.
- Most (75%) of the emerald and beryl mined is not saleable because the quality is so poor: 70% of revenues are generated by just 7% of the product (the premium)
- No secondary/tertiary product is produced, unlike copper mines for example that also produce gold.
- Cost: mining requires intensive and continuous capital expenditure on HEMM, ore processing, dewatering, etc
- Lack of an established market: no global correlation of grading, prices, mining

practices, exploration techniques, or quality assurance and control – Kagem strives to develop the industry's best practices

What machinery and equipment are needed for mining?

Kagem has a fleet of twenty excavators, forty-five Articulated Dumper Trucks (ADTs) and over fifty ancillary support vehicles.

- Excavating and loading - carried out by excavators that have a capacity of 6 cubic metres for waste rock and 2.5 cubic metres for TMS
- Hauling and dumping - ADTs have a capacity of 45 tonnes waste rock and 30 tonnes for TMS
- Drilling and blasting – drill machines have 30-metre depth capacity
- Support equipment – bulldozers, graders, water carts, cranes, heavy duty dewatering pumps, etc
- Production blasting (smaller blasts used to break apart boulders and other large waste) – jack hammer drills

What safety precautions are undertaken while mining to ensure the safety of workers?

Gemfields and Kagem have an overriding commitment to the safety of people and equipment. Every staff member receives an induction on mine safety regulations and job-oriented safety training before being allowed into the operations area. There is a daily safety meeting before start of each shift and the senior management team take part in a safety review through Visible Felt Leadership (VFL). To ensure continual improvement, Gemfields has an integrated cloud-based reporting system to record all accidents, incidents, near misses and subsequent mitigation measures, which are all reported to the group-level management and board.

How do you manage mining in rainy season?

Zambia receives 5-6 months of rain per year (November to April) and has a highly active water cycle with a very shallow water table.

Mine planning must always consider ground water activity and rainwater catchment. Kagem collects all the water in the deepest point of the pit (called the 'sump') and pumps it into settling ponds outside the pit using large dewatering pumps. Once the naturally occurring silt has settled, the clean water flows back into natural water system. The pumping operation at Kagem runs around the clock.

Where are the leading mines situated?

For emeralds, the main three sources are Brazil, Colombia and Zambia, and some relevant production also comes from Ethiopia, Afghanistan, Pakistan, and Russia. Kagem is believed to be the world's single largest producing emerald mine.

After mining, how do you segregate and what quality are assessments used?

After mining and processing, emeralds are picked from the Run Of Mine (ROM) by hand and are sent to the sort house where they are carefully handled to clip out the emerald crystal from the host rock. Once freed, the emerald crystals are sorted and graded against reference sets which are never sold and get sorted into 214 different grades based on their size, cut, colour, clarity, competency, and

transparency. The emerald grading system was developed in-house by Gemfields and is proving to be one of the finest systems of emerald grading in the world.

What is ethical mining? Your views...

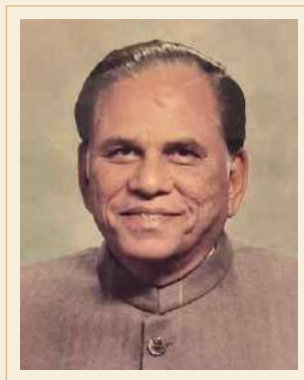
Our goal is to operate in a way that contributes positively to national economies, take leading role in modernising the coloured gemstone sector and build lasting livelihoods for the communities around our mines. We believe that coloured gemstones should be mined and marketed by championing three key values: transparency, legitimacy and integrity. Responsible sourcing for Gemfields means implementing industry-leading policies and practices across operations, transparency in its auction sales process, an active role in working groups to modernise the sector, projects to improve health, education and livelihoods for the communities around its mines and conservation efforts to protect Africa's great wildlife and biodiversity. Sustainability and corporate responsibility practices lie at the heart of our business: these back up our brand statement and support our efforts to play a pivotal role in improving the credibility of the entire coloured gemstone industry.



A TRIBUTE

Shri Gyan Chand ji Kothari

1932-2022



A skilled businessman, a senior social worker and partner of the prestigious Rana Company, Shri Gyan Chand ji Kothari, was active in the field of gems and jewellery for more than six decades. He passed away at the age of 90. Shri Gyan Chand ji had a keen eye for colour gems and was known for his simplicity and humility. Born in the year 1932 in Dantari village, he went on to pursue his BA from Maharaja College in the year 1952.

He widely travelled the world to expand the business of coloured gems. Kothari ji was also honoured with Life Time Achievement Award by Jewellers Association and other organizations. He was the Executive Member of International Colour Stone Association and Gem & Jewellery Export Promotion Council, while also served as Secretary

and President of Jewellers Association Jaipur. Apart from these, he was engaged in social work with Rotary Club while holding the post of the President. He worked towards providing education and employment to thousands of disabled persons while being the president of the institution run by the Social Welfare Department.

He was a distinguished jeweller and a fine human being who will be remembered for his business acumen and insights. His contribution to the Jaipur gems and jewellery industry has been unparalleled and he will always be remembered for his credibility and sense of commitment.

Gem World Magazine and Jewellers Association Jaipur extends utmost respect and tribute to the departed soul.



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Gem Plaza

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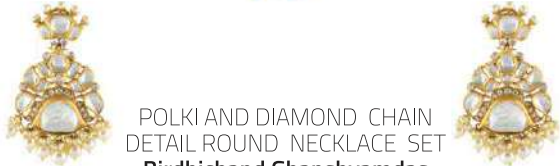
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PINK SAPPHIRE & DIAMOND
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CHOKER CUM BRACELET
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DIAMOND POLKI WITH EMERALD &
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HEART SHAPE EMERALDS
Nakshatra Gems



DIAMOND NECKLACE
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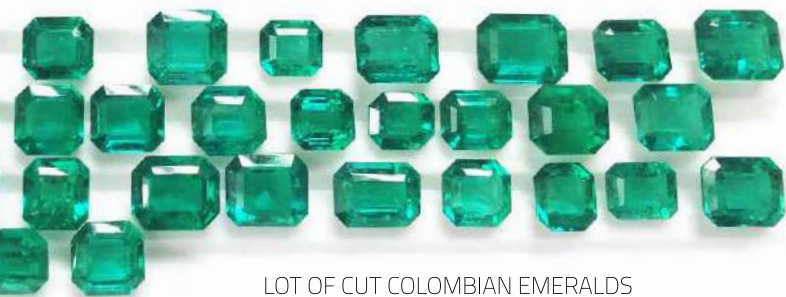
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FLARE RED
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FAR SIZED POLKI AND EMERALD CHOKER SET
Birdhichand Ghanshyamdas
Jewellers



SPESSARTITE
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LOT OF CUT COLOMBIAN EMERALDS
C.I. Bogota Emerald Mart S.A.S.



EMERALD EARRING IN
18K ROSE GOLD
Gem Plaza



EMERALD ROUGH
Rakesh Kumar Vijay



EMERALD ROSE CUT
DIAMOND EARRINGS
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OPEN POLKI
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Jaipur Ratna



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Rakesh Kumar Vijay

Company

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SAVIO JEWELLERY	saviojewellery@gmail.com
VALENTINE JEWELLERY (I) Pvt. Ltd.	order@valentinejewelleryindia.com

DESIGN SPEAK

Glance through the beautiful designs created by the students of Jewel Excel Institute of Designing. Design Speak is a Gem World initiative to promote upcoming talent in the industry.



1. NECKLACE

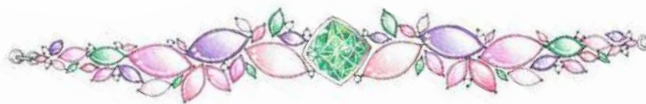
Theme: Saptpadi :

Love, gratitude, compassion for life



2. RING

Theme: Saptpadi :
Beguile Wings



3. BRACELET

Theme: The Iridescent

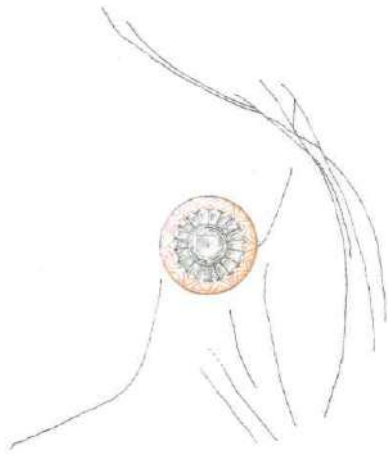
Illusion Bracelet



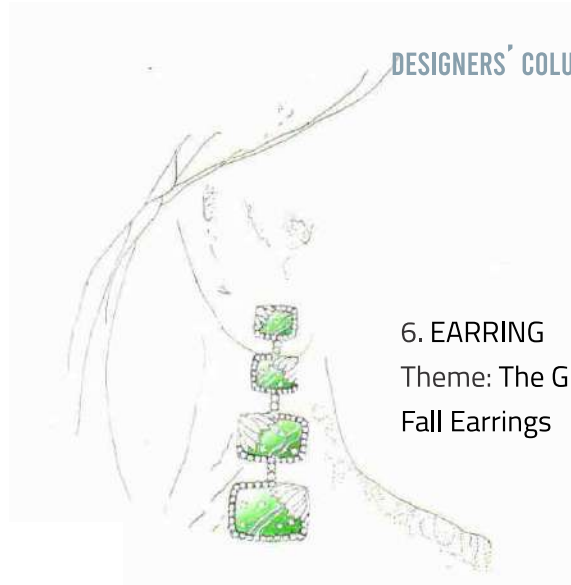
4. NECKLACE

Theme: The Blue
Rumi Necklace

S.no	Designer	Email
1.	Aarti Chandnani	chandnaniaarti@gmail.com
2.	Drishti Khandelwal	dishakhandelwal28@gmail.com
3.	Iqra Khan	iqrakhan9351@gmail.com
4.	Mahima Bardiya	mahimabardiya18@gmail.com



5. EARRING
Theme: The Rose Solitaire
Ear Clips



6. EARRING
Theme: The Green
Fall Earrings



7. EARRING
Theme: The Ruby
Rhapsody Earrings



8. EARRING
Theme: The Kea
Earrings

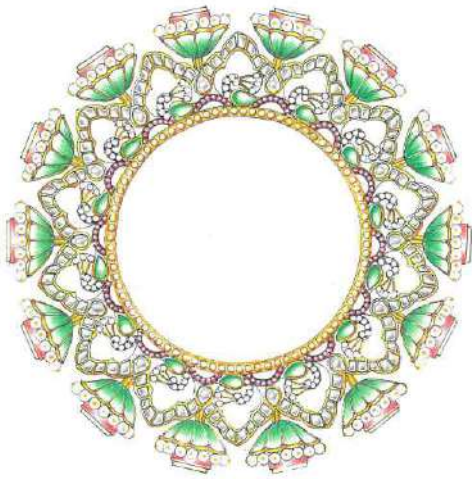


9. BRACELET
Theme: The Libelle
Handcuff



10. NECKLACE
Theme: The Viridiscnt Necklace

S.no	Designer	Email
5.	Muskan Lodha	muskaanlodha7@gmail.com
6.	Neha Lashkery Agarwal	nehaagrawal894@gmail.com
7.	Palak Pasrija	palak.pasrija@gmail.com
8.	Rinki Jain	arpitaprteekjain@gmail.com
9.	Riya Agarwal	11riyaagarwal@gmail.com
10.	Riya Jindal	jindalriya17@gmail.com



11. BANGLE
Theme: The Peacock Bloom



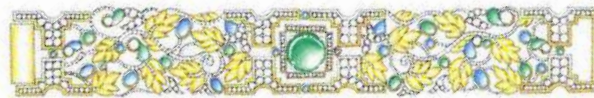
12. NECKLACE
Theme: The Teal Torque



13. EARRING
Theme: The Green Duchess



15. Earring
The Vighanharta Earrings



14. BRACELET
Theme: The Scent Of Gemstones



16. Earring
The Harlequin Earrings

S.no	Designer	Email
11.	Ritu Poddar	rritupoddar1999@gmail.com
12.	Riya Jain	tholia.riya@gmail.com
13.	Saaniya Burad	saaniyaburad@gmail.com
14.	Sanya Sharma	Sharmasaniya2002@gmail.com
15.	Suhani Khazanchi	Suhani1695@gmail.com
16.	Surbhi Khunteta	surbhikhunteta27@gmail.com



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Email: ashokmaheshwari302@gmail.com

Website: www.nakshatragems.in

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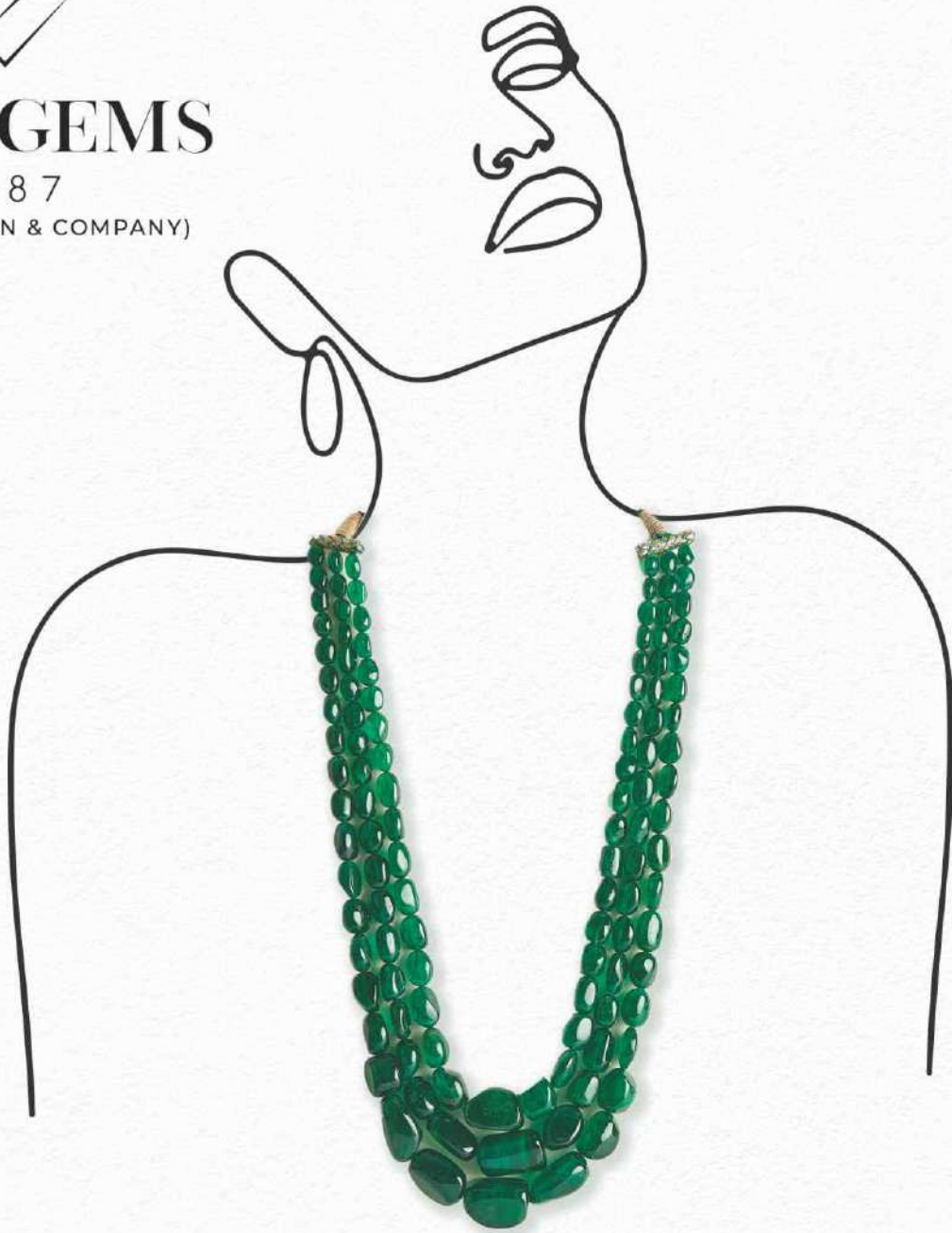
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RHL

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एवं
राजस्थान हॉस्पिटल

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सदस्यों व परिवारजनों के लिए
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- दवाओं, कन्ज्यूमेबल, प्रत्यारोपण और आउट सोर्स जांच पर छूट नहीं है।

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Vice President &
Convenor, CSR

Ashok Maheshwari
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Neeraj Lunawat
Joint Secretary

Raju Mangodiwala
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JAIPUR**

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एवं

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सदस्यों व परिवारजनों के लिए

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ECG
Lipid Profile

Diabetic Health
Blood Sugar Fasting
Blood Sugar (Post Parandial)
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CBC - Complete Blood Count
Vitamin B12
Serum Calcium

Kidney Health
Uric Acid
Creatinine
Urine Routine

Liver Health
Bilirubin Direct & Indirect
SGPT, SGOT
Total Proteins - Albumin & Globulin
A / G Ratio
Alkaline Phosphate
GGPT

Lung Health
X - Ray Chest PA View
PFT

Multi-Organ Health
USG - Abdomen
TSH - Thyroid Stimulating
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Consultation
Ophthalmology
General Medicine
Cardiology
Dental

Breakfast

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ECG
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HbA1c

General Health
CBC - Complete Blood Count
Vitamin B12
Vitamin D
Serum Calcium

Kidney Health
Uric Acid
Creatinine
Urine Routine

Liver Health
Bilirubin Direct & Indirect
SGPT, SGOT
Total Proteins - Albumin & Globulin
A / G Ratio
Alkaline Phosphate
GGPT

Lung Health
X - Ray Chest PA View
PFT

Multi-Organ Health
USG - Abdomen
TSH - Thyroid Stimulating
Hormone

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General Medicine
Cardiology
Dental

Breakfast

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ECG
Lipid Profile

Diabetic Health
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Blood Sugar (Post Parandial)
HbA1c

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Vitamin D
Serum Calcium

Kidney Health
Uric Acid
Creatinine
Urine Routine

Liver Health
Bilirubin Direct & Indirect
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Total Proteins - Albumin & Globulin
A / G Ratio
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PFT

Multi-Organ Health
USG - Abdomen
TSH - Thyroid Stimulating
Hormone

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