

LAB INFORMATION CIRCULAR (L.I.C.)

OUR SINCERE APOLOGIES

**To the first GTL batch ,
1973 - 1974**

We would like to thank Shri Nawal Kishore Tatiwala for having brought to our notice that he was the first student from GTL and should have been acknowledged.

At the time the GTL silver jubilee directory was going in for print, we had requested all gemmologists in Jaipur to send us their details for inclusion. Since we did not receive any replies we had no option but to go in for printing.

We located the First attendance register and we reproduce here the names of all the eight students who were part of the **FIRST BATCH** of students at GTL taught by Vinod Gupta.

- 1.Kanak Shrimal
- 2.Nawal Kishore Tatiwala
- 3.Joginder Dhadda
- 4.Arun Rai
- 5.Vinay Kothari
- 6.Kanwar Jeet Puri
- 7.Dharam Chand
- 8.Rajesh Jain



EVENTS AND UPDATES

August '98, Basel :

Shyamala Fernandes attended a Course on Scientific Gemmology at SSEF, Basel.

Subsequently visited the Gubelin lab, CISGEM and G.A.G.T.L. labs and the De Beers Marketing division.

Delivered a lecture on **Indian Gemstones** to members of G.A.G.T.L. on 27TH Aug. at London.

Dr. Pierre Helg, Minister Counsellor, Swiss Embassy in India visited GTL on 26th Sept.

THEY ARE NO MORE.....

**SHRI JAWAHARLALJI
RAKHYAN**

Jawaharlalji Rakhyan is no more and we at GTL will miss his cheerful smile and encouragement.

Jawaharlalji was the longest serving Chairman of the Council from 1971 to 1977. In the time he was instrumental in starting many a project of the G.J.E.P.C.

Alongwith Khailshankerji, he made it possible to open the Gem Testing Laboratories at Jaipur and Delhi.

May his soul rest in Peace

SHRI V. V. KALA

Vidya Vinodji expired on 21st July '98. Besides journalism, he was dedicated to social service and was involved with various social service activities.

He has always promoted the cause of learning and education and through his publications gave the impetus for gemstone awareness, alerts and technical information.

May his soul rest in Peace

A REPRODUCTION OFORIGINAL ATTENDANCEREGISTER

Serial No क्र.सं. संख्या	NAME नाम	Rank रैंक	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	Mr Kanak Sharma		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2	Mr Nawal Kishore Tahirani		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
3	Mr Joginder Dhadla		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
4	Mr Arun Rai		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
5	Mr Kottari Vinay		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
6	Mr Kanwar Jeev Ravi		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
7	Mr Dharam Chandra		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
8	Mr Jain, Ramesh		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

EDUCATIONAL ACTIVITIES**DIPLOMA RESULTS****XVITH BATCH**

Congratulations to

1. Dr. Rekha Tripathi 1st.
2. Sharad Chandra
3. Vijay Johari
4. Rishi Pathak

NEXT BATCH

**18TH BATCH COMMENCES
FROM 20TH JANUARY '99.
ADMISSIONS OPEN.**

Souvenir- cum - Directory

All ex-students of GTL are requested to collect their personal copy and their Silver jubilee certificates from GTL on any working day. Those who are unable to collect personally are requested to send an authorisation letter duly attested for receipt.

The Souvenir is also available on sale at Rs.50/- per copy. Courier charges for postage will be added on where applicable.

Silver jubilee Memento

Those who have yet to collect their memento, please note, no memento will be given after 31st.Dec'98. Kindly send appropriate authorisation to collect the same.

Gemmologists in Jaipur.

Once again we request you to send us your particulars, alongwith certificate copies since we are compiling the list of Gemmologists based in Jaipur, from 1947 onwards.

So, if you are an F.G.A., D.G., D.G.I., D.Gem.G., G.G or have done short certificate courses, do write to us or call.

Gem Testing Facilities

- Single stone - Regular category
- Single stone - On The Spot (O.T.S.)
- Packet Lot - Same colour lots only
- Sealing facility available for single stones.

STONE NEWS

In the past two months a wide range of stones have been certified.

We are glad that traders are making use of all the three categories - single stone, O.T.S. & packet lots.

Packet lots certified include sapphire, ruby, emerald and tourmaline.

One packet of round drilled beads, blackish green in colour contained five **tourmaline** and one **glass** bead.

Quick Help : To separate tourmaline from glass, use a 10X lens. Inclusions and edges in tourmaline will appear doubled while in glass there is no doubling.

Natural emerald packet lots contained at least one synthetic emerald. Most of the emerald packet lots involved stones of about 0.10 to 0.15cts.

Natural blue sapphire packets submitted were basically to identify the diffusion treated stones which are certified as Artificially Colored Sapphire.

Quick Help : To do this you can immerse the stones in Methylene Iodide liquid. Focus a strong light source and observe the uneven blue colour concentrations on facets and facet edges.

Ruby packets were either all natural or all synthetic.

Blue stones certified include a few new shades.

Synthetic Cubic Zirconia: The newer shade is a lighter blue, very similar to a Srilankan sapphire or even a light tanzanite. The heft and dispersion in this stone are very obvious, as are its typical properties.

Blue-green Chrysoberyl Cat's eye : The colour is very deep and similar to alexandrite, but no colour change is visible. There is however a weak red transmission colour (due to pleochroism).

Blue Sapphire (A.C.S.) : A number of such stones of various sizes were examined. Most notable was a 42.79ct., cushion mixed, natural sapphire, typical properties seen.

Glass Rough : An aqua blue colour glass with a prismatic, hexagonal habit, (modified to look like a beryl crystal), 230gms. Gas bubbles were clearly visible.

Synthetic Spinel : Deep blue with characteristic ADR, cobalt spectrum, red through Chelsea filter. Most notable was a 25.35ct., octagon mixed specimen.

Yellow / Brown Stones certified included apatite, opal cat's eye, natural zircon, yellow hessonite garnet, quartz cat's eye, natural & synthetic sapphire and glass.

Confusions/Clarifications

Q. Pukhraj - Is it TOPAZ or SAPPHIRE ?

Ans. Topaz and Sapphire are two distinctly different gem species. The term Pukhraj is astrologically related and should be clarified by the astrologer.

Q. Why doesn't GTL certify **amethyst/citrine**?

Ans. Currently there is so much of synthetic amethyst / citrine being traded which has almost totally identical properties as the natural. To certify these stones you require more sophisticated equipment which we do not have.

Q. Trader at GTL : This **piece** broke into two, so we **stuck** it together. Now the buyer wants a certificate. Please do not write that it is stuck.

Ans. When a piece is broken and re-stuck, under magnification we write "Repaired Fracture / Plane seen".

Send us your comments and suggestions so that we may bring you more information and updates.

Gem Testing Laboratory,
Rajasthan Chamber Bhawan,
M.I. Road, Jaipur 302003.
Ph/Fax: 91-141-568221/ 573565

Contact Persons : Shyamala Fernandes, Sunil Sarma, Vikas Joshi