



LA-ICPMS/MC-ICPMS ANALYSIS REQUEST FORM Isotope Geochemistry and Geochronology Facility

Please submit your request by filling out the form. This request should accompany details of the samples.

Date: _____

Name of the Intender : _____

Affiliation : _____

Billing Address : _____

Ph: _____ GST No: _____

Project : _____

E-mail : _____ No. of Samples _____

LA-ICPMS/MC-ICPMS ANALYSIS
<ul style="list-style-type: none"> U-Pb dating of zircon/monazite/rutile/apatite/titanite Trace/REE analyses of accessory minerals Insitu Isotope analyses (Hf-Nd-Sr-Pb) of minerals (zircon, apatite, titanite, plagioclase, carbonate) Whole rock Isotope analysis (Sr-Nd-Hf)

Category of Request* (✓ tick one)

<input type="checkbox"/> I: Commercial	<input type="checkbox"/> II: R&D Institute	<input type="checkbox"/> III: Research Student	<input type="checkbox"/> IV: NCESS Projects
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*: Categories I to III are on a payment basis. Category IV is for NCESS users. Please check for eligible categories and applicable rates.

Analytical Charges under different Categories:

Category	User	Charge
I. Moes Institutes	Users from institutes under the Ministry of Earth Sciences	1/5
II: Research Students	Students from outside NCESS pursuing PG/PhD	1/2
III: R&D projects	Users from other Government organisations/Universities	1
IV. Industries	Users from Industry/private/commercial organizations/consultancy	2
V. International users	Universities from Institutes/Universities abroad	5
VI: NCESS	NCESS Institutional projects/Plan projects/ PG/PhD	Free

*Please note that there is no charge for standard analyses or for analyses discarded due to instrumental error. The listed rates do not include charges for sample processing or BSE and CL imaging.

- U-Pb dating of igneous/metamorphic sample (minimum 30 analyses; Rs. 2000 per spot): Rs. 60000
- U-Pb dating of detrital sample: (minimum 100/150 analyses; Rs. 2000 per spot): Rs. 200000/300000
- Trace element analysis of the sample (minimum 20 analyses; Rs. 2000 per spot): Rs. 40000
(Si, P, Sc, Ti, V, Cr, Y, Nb, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Hf, Ta, Pb, Th, U)
- Insitu isotope analysis of igneous/metamorphic minerals: (minimum 10/15 analyses; Rs. 4000 per spot): Rs. 40000/60000
- Insitu isotope analyses of detrital minerals: (minimum 20/30 analyses; Rs. 4000 per spot): Rs. 80000/120000
- Whole rock isotope analysis: (minimum 5 analysis): Rs. 50000

Please Note:

1. Service Tax, as applicable (currently @ 18%), charged extra.
2. Outstation indenters may send samples, strictly as per the lab requirement, along with the request form, directly to the lab. They will be advised by email of the charges upon completion of the analysis.
3. Analytical charges may be remitted through our website <https://www.ncess.gov.in>.
4. Results are mailed on receipt of the payment or in person by presentation of payment receipt.

Samples for LA-ICPMS and LA-MC-ICPMS: BSE images are required for all samples to ensure that the correct minerals are analyzed. CL images are required for all analyses of zircons to ensure that laser pits are located in optimal portions of crystals. Samples should be mounted on 25mm diameter epoxy round disk or Teflon films. For texturally controlled measurements in thin sections, the locations of grains should be marked on the slide alongside a whole thin section image/map with locations marked.

For the whole rock geochemical analysis, the element of choice should be chromatographically in a clean chemistry lab. Blank solutions and reference materials prepared with the same batch should be also provided.

The PI is also requested to submit a brief project proposal explaining the objective and nature of the project.

Name and Signature of Indenter	Head (Group/Division/Institute/Dept)	Scientist In-Charge, IGGF/ Group Head, SERG

For Office use only

Please collect Rs (In words.....)
towards analytical charges ofsamples under category..... including GST @ 18%.

Date: _____

Scientist In-Charge, IGGF/Group Head, SERG

Arrange similar type of samples in a continuous serial order. Duplicate this page for more samples.

No	Sample No	Sample Location	Sample Type	Targeted Mineral	Targeted Isotope	Remarks
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						