

**Requisition form**

Serial No. \_\_\_\_\_

Date: \_\_\_\_\_

**ELECTRON PROBE MICRO ANALYZER (EPMA) LABORATORY  
CENTRAL RESEARCH FACILITY****INDIAN INSTITUTE OF TECHNOLOGY (ISM), DHANBAD – 826004**

[Please read the information given overleaf before filling up this form and put a tick (✓) in appropriate box]

I wish to get \_\_\_\_ in words ( ) number of samples be examined/analysed. The nature of samples is Metallic ( ), \*Ceramic ( ), \*Semiconductor ( ), \*ICs ( ), \*Composites ( ), \*Geological samples ( ) or \*others ( ).

[All the samples must be in solid form and well-polished. Samples in powder form are not analysed by EPMA].

(If others please elaborate: \_\_\_\_\_)

I wish to study the sample for (1) Imaging: BSE Z [ ], BSE T [ ], ABS e<sup>-</sup> [ ], SE [ ], CL [ ]

(2) Quantitative analysis for Silicates [ ], Sulfides [ ], Monazite [ ] (3) Accurate Quantification of Traces such as REE, PGE etc. [ ], (3) Line Profile [ ], (4) X-ray Map [ ], (5) Quantitative Mapping [ ], (6) Monazite dating [ ] (7) Age Map [ ].

[\*: Carbon Coating necessary]

I need /carbon coating (Yes/No) \_\_\_\_\_ (For non-conducting samples)

Please allot me slots of .....hour/s (each slot is 1 hour), the estimated charge for the work is

₹ \_\_\_\_\_

User's Name (block letter): \_\_\_\_\_ Name of Supervisor \_\_\_\_\_

Dept./Centre \_\_\_\_\_ Lab Phone No. \_\_\_\_\_ Cell No: \_\_\_\_\_

Signature of HOD/HOC/Guide/PI/Prof.-in-Charge \_\_\_\_\_

Signature of the user \_\_\_\_\_

**Details of analysis Charges:**

The estimated charge for the work ₹ ..... (In wards ... ..) has been deposited through †DD (Number ..... ) / †Cash payment in the IIT (ISM) Dhanbad Cash counter (Receipt No. .... ) on ..... (date) /

**OR****For internal users only**

To be debited from (PDA/PDF/Project): \_\_\_\_\_

† Please provide the original DD / CC of cash receipt along with this form.

Signature of the User /Faculty /Supervisor /PI \_\_\_\_\_

Please allot time and complete the work.

Signature of the Laboratory In-Charge \_\_\_\_\_

The above work has been done satisfactorily on \_\_\_\_\_ (Date) within \_\_\_\_\_ number/s of slot and generated data has been delivered to me.

Signature of the Operator \_\_\_\_\_

Signature of the user \_\_\_\_\_