

Abstract

IMPLORING:FOR TECHNOLOGICAL STRATEGIES: ASUNDER, FOR EFFECTIVE MINING ACTIVITY AND,FOR RELIEF FROM CONSEQUENTIAL HAZARDS

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With such tasks as what the Seminar Title entails, an effort will be made in this paper, with the title as above, to project a specialist's point of view of the efforts required for trying to make the common man aware of what is going on around him. The specialization as referred to above is not in the area of mining activities nor in the environmental consequences, but a specialist in a technological tool – a spectroscopist. How the specialist in a technological tool, a spectroscopic technique, can contribute in this context?

What such a specialist looks for is an input of peripheral information well consolidated from which he can seek further specific data on the basis of which the advantages of the advanced technology can be brought in a usable form with understandable prescriptions to those who are in the front line of managing the operational processes. These recipients by themselves will not be fully equipped with the preliminary information to be provided to the specialist. How much the trend setters, who lead and direct such efforts as the mining and oil explorations, can really get to know the specialized technological advances and set the utilization of such resources effective is not only a local issue but, even in the global context, it is a matter discussed repeatedly and sometimes the only topic to be sorted out for effective flow of current technological advances into the identifiable pockets where the grass root requirements require these specifically.

With the above enlisted contextual disposition, the perspective of the specialist - as to what comes forth when trying to look around for bringing the technological potential to be practically advantageous - would be projected. Can really a pressure-head be built up to enable the wheels to turn?

A specific spectroscopic tool – a technique, its potentials and present capabilities for handling the requirements of such concerns as there is in the mining and oil exploration, what this capability holds for improving the prevailing conditions in a region, and a glimpse into the possible efforts with adequate support are the sectional highlights to be focused upon.