

## BOOK REVIEWS

**GEOLOGY AND MINERAL RESOURCES OF ORISSA** : Published by Society of Geoscientists and Allied Technologists, Directorate of Geology and Mining, Bhubaneswar - 751001, Orissa. 302p. Price not mentioned.

Orissa is a terrane of complex geology and great mineral resources. With several earthscience agencies engaged in geological investigations and mineral exploration, it is apt that the Society of Geoscientists and Allied Technologists (SGAT) of Orissa should take the initiative in compiling information on geology and mineral resources. This volume covers geomorphology, structure and tectonics, Precambrians, Gondwanas, Tertiary and Quaternary, the offshore geology and mineral resources written by different authors. Though the information is brief it has succeeded in presenting a simplified geology of the State. The chapter on structure and tectonics could have been more enlarged to bring out the different tectonic belts like Eastern Ghat granulite belt and also the dichotomy of North Gondwana basins. The Precambrians constitute the dominant geologic units of Orissa and naturally have received considerable coverage. Gondwana and Cainozoic are presented in separate chapters. The coverage of Orissa offshore geology is a welcome feature of the book.

The mineral resources of Orissa have been adequately dealt with. These include base metal deposits, bauxite, beach sand minerals, china clay, chromite and nickel ore, coal, dimension and decorative stones, fireclay, gemstones, gold, graphite, iron ores, limestone and dolomite, manganese ore, tin ore, vanadium ore and other minerals. The book is supported by several maps.

Geology and mineral resource of Orissa is a good compendium and is a laudable effort on the part of SGAT. The book will be useful to students, professionals and to entrepreneurs of mineral based industries as a reference.

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**VISTAS IN GEOLOGICAL RESEARCH. 1995 (Eds.) B. Dash and others.**  
Special Publication in Geology (No.1), Utkal University, Bhubaneswar - 751004. 268p. Rs. 250/-

It is befitting that the former students, colleagues and admirers of Prof. S. Acharya, who starting at the lowest rung of the academic ladder rose up to be the Vice-Chancellor of the Utkal University, must have conceived of honouring him with the publication of a Felicitation Volume, at the time of his retirement from active service. The 30 papers in this volume, though touch upon different branches of geology, are heavily tilted in favour of economic geology and petrology, the geographical region of treatment being mostly confined to Orissa, fields in which Prof. Acharya initiated considerable research during his long service.

A perusal of these papers will give us an idea of the present state of our knowledge of the topics dealt with. The papers should be of interest to geoscientists in India in general and those in Orissa in particular. The editors are to be congratulated for the neat get-up of the volume.

R.V.