The concept of *anumāna* has been one of the most important subjects of discussion with the philosophers and the academic experts. Almost all the systems of Indian Philosophy, except Cārvāka, have dealt with this seminal topic.

The present thesis aims to examine the concept of *anumāna* propounded by the Vedic schools of Indian Philosophy. The thesis has been divided into five chapters. In the first chapter, i.e., the introductory one, I have incorporated an elaborate note on Vedic schools and their main characteristics. This chapter further presents a discussion on Epistemology in Indian Philosophy, classification of knowledge—valid knowledge and invalid knowledge, and the sources of valid knowledge. The second chapter deals with the Nyāya-Vaiśeṣika concept of *anumāna*. In this chapter an attempt has been made to give the meaning of *anumāna* along with its constituents, different divisions of *anumāna*, avayavas of *anumāna*, *vyāpti* and *pakṣadharmatā* and a brief sketch of fallacy as advocated in the Nyāya-Vaiśeṣika philosophy. The third chapter attempts to examine the viewpoints of the Sāṁkhya-Yoga philosophers in giving the definition of *anumāna*. In this chapter an attempt is made to give an account of the definitions of *anumāna* put forward by the Sāṁkhya-Yoga philosophers. The chapter also presents a detailed and systematic discussion on the divisions of *anumāna* and the fallacies contained in *anumāna* as enunciated in the Sāṁkhya-Yoga system. The fourth chapter deals with the definition of *anumāna*, the grounds of *anumāna*, the divisions of *anumāna*, and the fallacies of *anumāna* as espoused by the Mīmāṁsā-Vyākaraṇa system. Relevant references have been given from the original text books and the same has been duly cited in the
foot-notes. In the last chapter, i.e., the fifth one, the discussions presented in the preceding chapters are summed up and conclusions so arrived at are deliberated without distracting from the discussions made in the previous chapters of the thesis. Thus, this final chapter entitled ‘Conclusion’ attempts to conceptualize the findings of the study.

(SANGITA CHAKRAVARTY)