

DVV Clarification for 3.2.2

3.2.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

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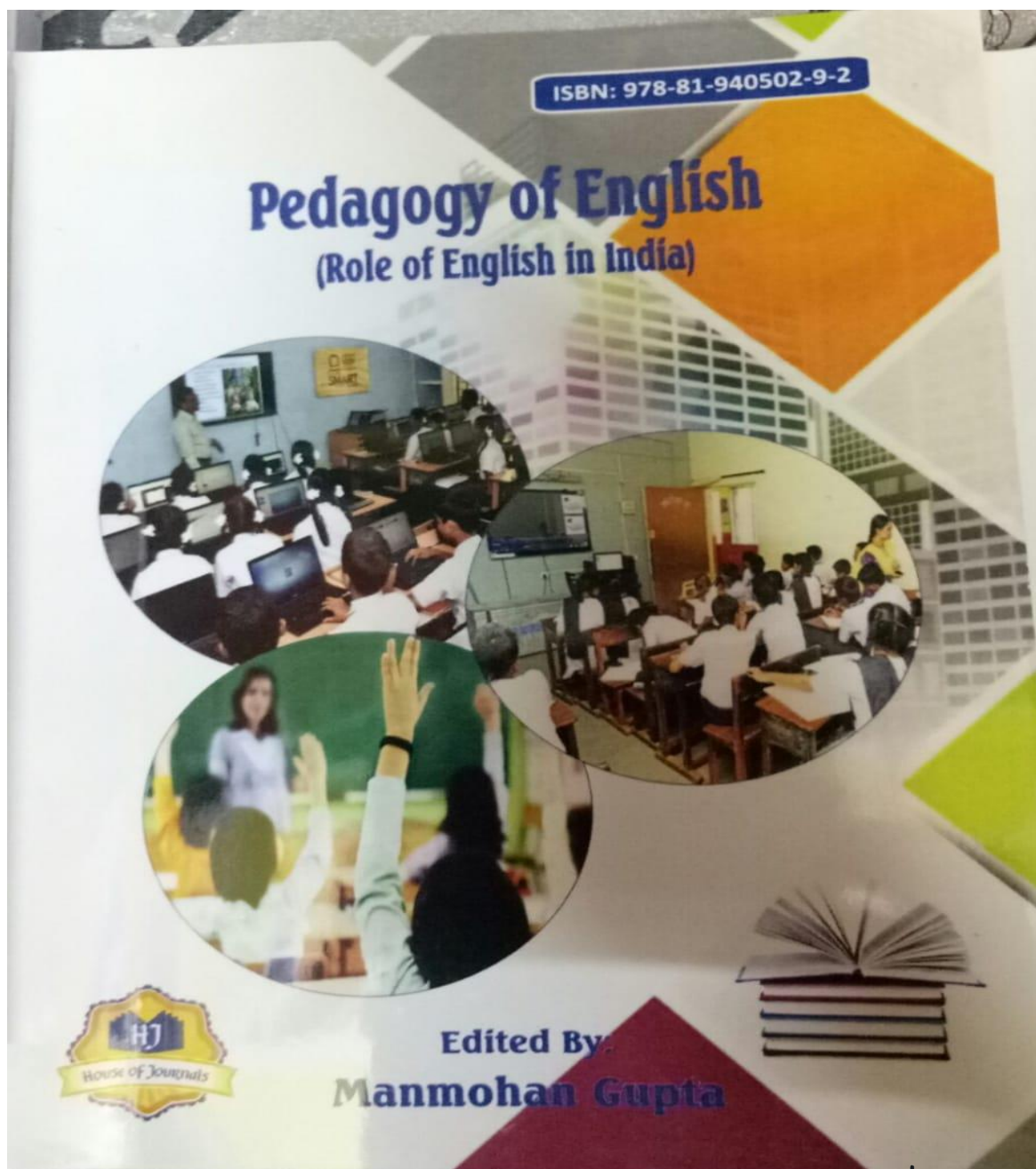


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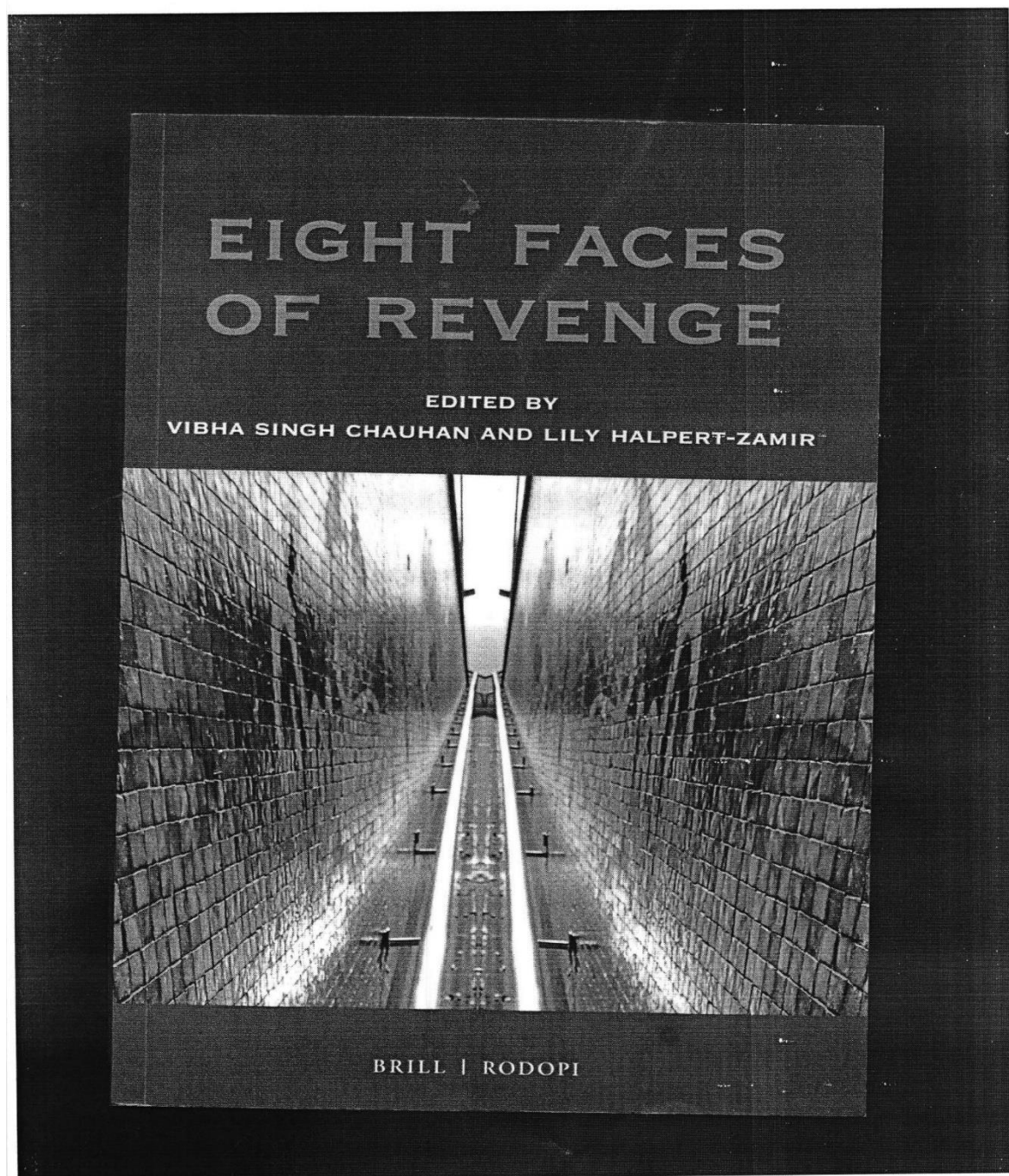


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Edited by

Vibha Singh Chauhan and Lily Halpert-Zamir



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CHAPTER 3

Hindi Cinema and the Avenging Woman

Nirmalya Samanta

Indian cinema is very often compelled to reflect the mainstream ideas of the Indian polity that it addresses. The film's acceptability and box office success largely depends on how the viewing public engages with the main themes and ideas that the film revolves around. Over the years, as society underwent transformations, Indian cinema, and in the context of this essay, mainstream Hindi cinema, addressed and negotiated these social changes and created visual narratives that approximated the expectations and anticipations of its mass viewership. It must also be noted that certain themes and motifs have been recurrent, though their representations have got modified and altered with changing times. Family bonding, filial relationship, motherhood, love, friendship and the victory of good over evil have been persistent motifs in mainstream Hindi cinema. These themes find expression repetitively because they actually belong to a shared common consciousness that has its root in the oral and literary narratives of myths, legends and folklore that have been transmitted from one generation to the other over the ages. The commonality and the recurrence of these themes in cinema have appeared as fine-tuned representations, suitably adapted to the changing social circumstances.

The theme of revenge is one of the recurrent motifs in mainstream Hindi cinema. In the collective consciousness of the majority of Indian people, the archetypal avenging hero is originally to be found in the great Indian epics, the *Ramayana* and the *Mahabharata*. To understand the centrality of the revenge motif in the two epics, it would be pertinent to briefly outline the plot and structure of these two long poems.

In the *Ramayana*,¹ or the tale of Ram, the hero Ram, eldest son of king Dasharatha of the Raghu dynasty, of the kingdom of Ayodhya, avenges the kidnapping of his wife Sita by the ten-headed *asura* (demon) king of Lanka, Ravan (who was avenging the humiliation of his sister Soorpanakha at the hands of Ram's younger brother Lakshman), by waging an intense seven day war. Ram and his brother, with the help of a hurriedly scrambled army of monkeys and soldiers, decimate the Lankan army, kill Ravan's brother Kumbhakarn and

¹ Refer to C. Rajagopalachari, *Ramayana* (Mumbai: Bharatiya Vidya Bhawan, 1953) Reprint, 2013.

Is revenge an expression of rage, pain, strength, frailty, justice, or sadism? A complex emotion, revenge defies simple definitions since it is infused with different social codes and ethics. It is this intricate connection between the idea of revenge and its connections with history, aesthetics, socio-political constructs, racism, and religion that this volume attempts to explore. Moving across continents and cultures, the book examines a wide range of emotional and geographical terrains like the law of karma, gender violence, epic narratives, caste system, and cinema in India; the horror of the Holocaust and metaphysical revenge; witchcraft in Ghana, South Africa, and Namibia; Greek mythology; and sexual and emotional abuse of women by a Portuguese Brazilian slave holder.

Vibha Singh Chauhan, Principal, Kirori Mal College, University of Delhi, is a widely published critical and creative writer who works in three languages: English, Hindi and Bhojpuri. Her major research interests are non-urban cultures, translation studies, and political and legal studies.

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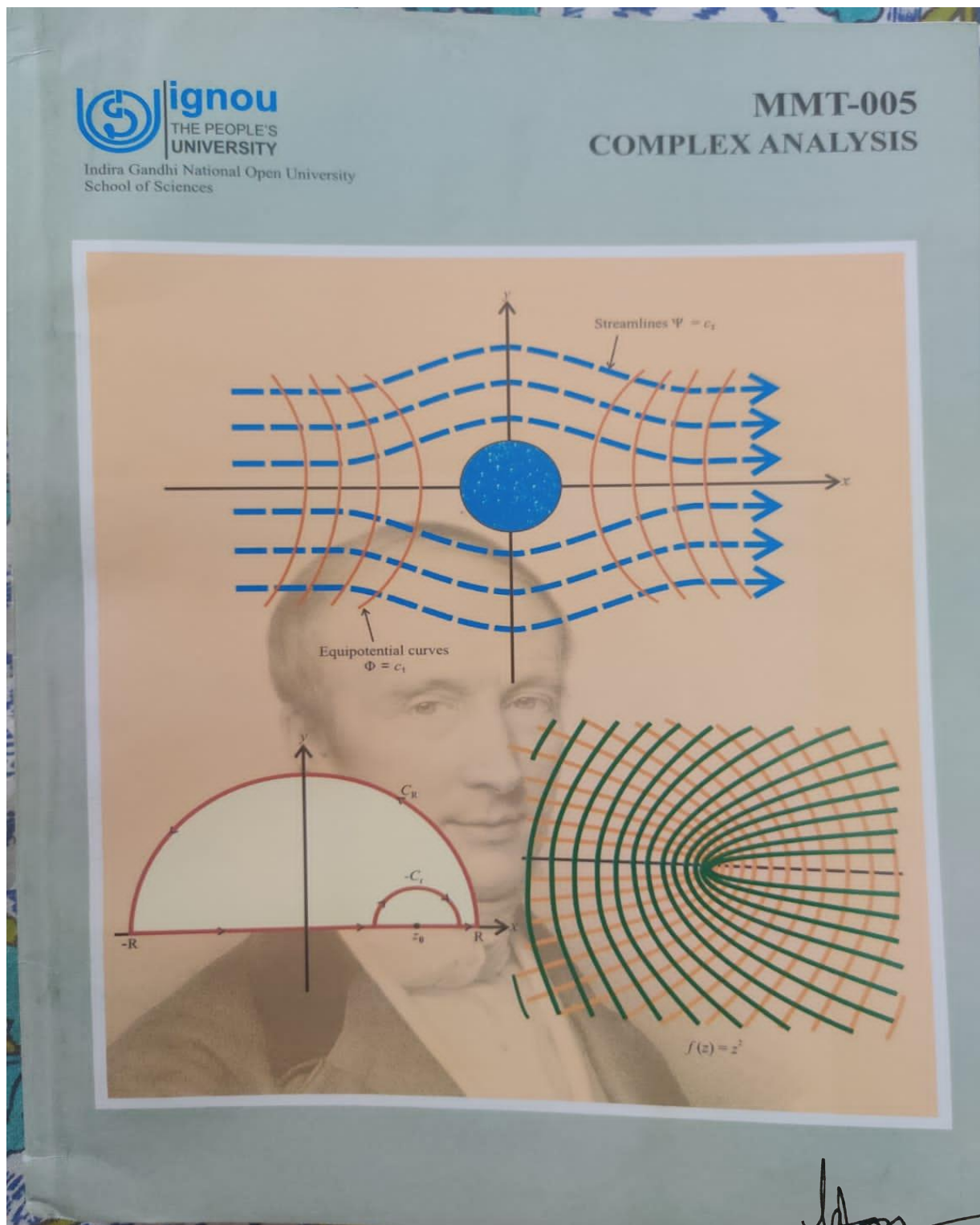
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A MATLAB Programming Applied in Gradient Search Method to Solve Quadratic Optimization Problem

L.N. Das¹ and Sanyam Gupta²

ABSTRACT: In the applied Optimisation technique subject there are certain methods mentioned in Operations Research books to solve Quadratic optimisation problem. In this book chapter we formulate an unconstrained nonlinear programming problem and determine the optimal solution using gradient search technique. Also we discuss the post optimality analysis by varying the coefficient of the objective function and the obtained optimal solution values respectively. The solution process is determined with MATLAB Program coding and the post optimality discussion examples are also mentioned in this chapter.

Keywords: Unconstraint Nonlinear Program, Gradient Search Method, Post Optimality Analysis.

1. INTRODUCTION

Optimization problem with objective or constraint function's variables having degree 2 is named quadratic programming problem. Unconstrained Quadratic programming is a special case of unconstrained nonlinear objective functioned optimization problem having many applications in mechanical production engineering, finance and economics. There are few discussions about the solution determining procedure of the quadratic programming is discussed in the optimization technique literature.

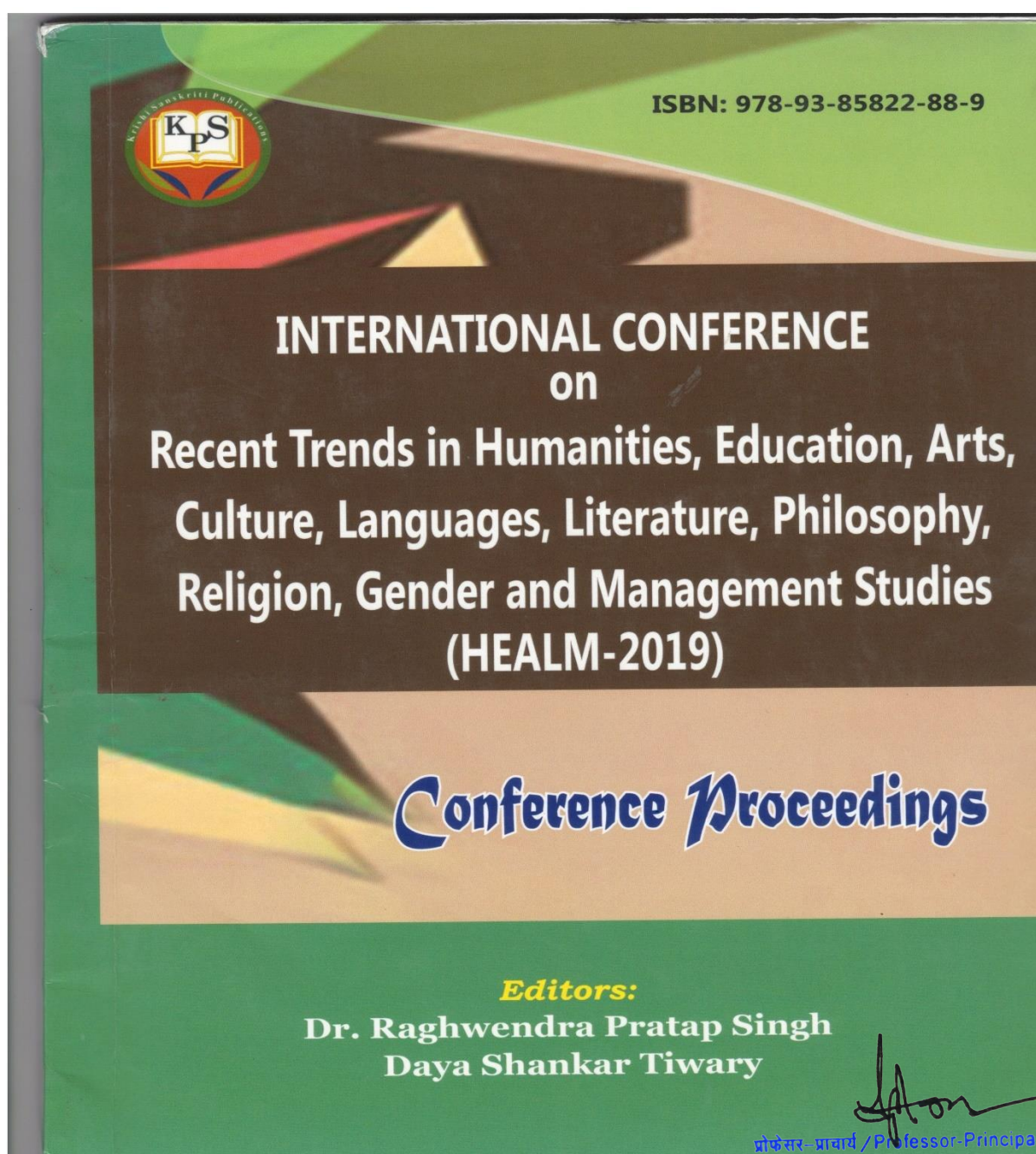
In the linear programming problem the objective function and constraint variables are of first degree. The iterative solution process for linear programming problem is obtained by using the simplex method. However, the optimization problem having either objective function or the constraint

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A Critique of Leslie Pickering Francis' Arguments of Affirmative Action

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A Critique of Leslie Pickering Francis' Arguments of Affirmative Action

Many-if not most- people who are for or against affirmative action are for or against the theory of affirmative action. The factual question of what actually happens as a result of affirmative action policies receives remarkably little attention. Assumptions, beliefs, and rationales dominate controversies on this issue in countries around the world.

Thomas Sowell (*Affirmative Action Around the World: An Empirical Study*, Yale University Press: New Haven & London, 2004, Preface, p. ix.)

Abstract—Affirmative action has been a ceaseless issue from its conception to the present. Despite being endlessly discussed since its beginning, a universal agreement on the existence of affirmative action still appears entirely untouched. Now, the social engineers do not face the dilemmas to seek a method by the fair allocation of laws and rights can be ensured but rather to determine how the victims of injustice ought to be compensated. Affirmative action is a public policy designed to compensate the victims of injustice which is done for the betterment of deprived and underrepresented classes on the cost of others' possession that appears against the concept of equality and possessive individualism. For this reason, some philosophers such as John Kekes and Louis P. Pojman do not believe in the policy that explicitly or implicitly discounts the equality before the law, and the policy or law that shows deviation from the same should not be admired at all. On the other hand, some philosophers such as Leslie Pickering Francis and John Rawls say that there should be policy and law like affirmative action for assuring a level playing field. It is because there is a disparity in the social-economical scenario distributed in the community which is visualized in the form of absenteeism of the candidates belonging to the deprived and under-represented classes from the significant workplaces of the nation. As a result, the deprived and under-represented classes do not have favorable socio-economical situations as the candidates of general classes are capitalizing. In this paper, the author would attempt to analyze the arguments of Leslie Pickering Francis critically for favoring affirmative action. The paper will conclude by advancing the author's position regarding this issue.

Keywords: Affirmative action, Compensatory arguments, Redistributive arguments.

I

Historically, the term 'Affirmative Action' was 'National Labor Relations Act, 1935' which ena The act was a cluster of orders banning the behavior of employer against union memb organizers. But the first use of the phrase Action" is usually attributed to 'Executive Or which was issued by American President John the year 1961. The order asserts that affirma meant for taking appropriate steps to eradicate practices of racial, religious, and ethnic discr goal as revealed by president John F. Kennedy equal opportunity in employment.²

The Act has taken the form of the 'Civil Righ The Civil Rights Act act was merely a rel composite idea which was carried by American Kennedy and the Leading Liberals of that tin theme of the act was to create a level playi equal opportunity for all can be assured procedures. The order contained the provisio government agencies have to ensure that th considerations of hiring applicants for emplo regardless of their race, creed, color, and nation

The title VI of the Civil Right Act, 1964 declar

No person in the United States shall. On the color or national origin, be excluded from par denied the benefits of, or be subjected to discr

¹ Sowell, Thomas. *Affirmative Action Around Empirical Study*. Yale University Press: New I 2004, Preface, p. 191.

² Cahn, Steven M. *Affirmative Action Debat*. M.Cahn, Rutledge. New York and London, 2002

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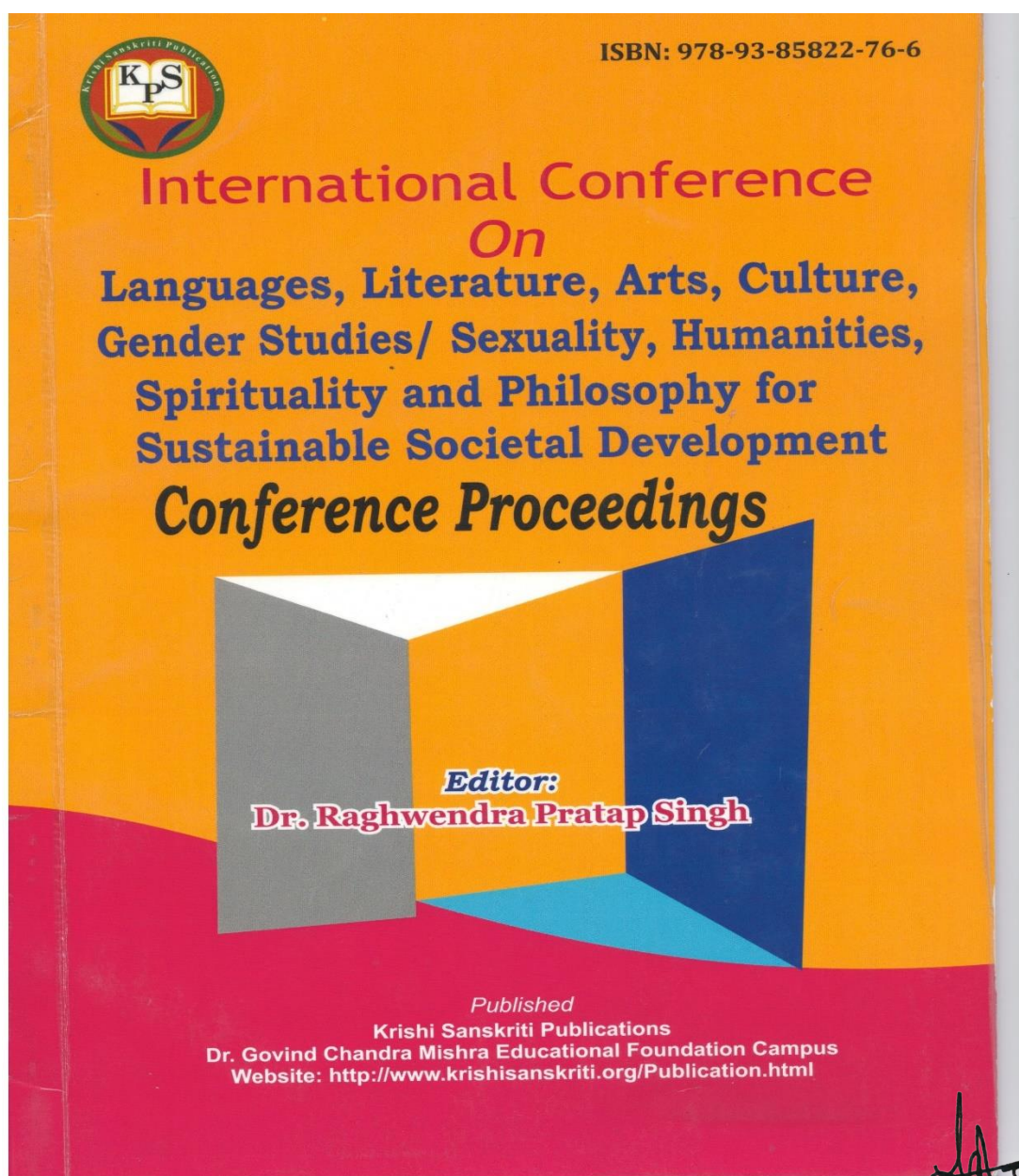
Dr. Daya Shankar Tiwary is presently working at Associate Professor at Department of Sanskrit, University of Delhi from 6th March 2014 to till date his Areas of Interest Poetics (Aesthetics and Dhvani Siddhanta) and Science and Mathematics in Sanskrit Texts. He has prepared Following Volumes of book Mathematics in Sanskrit Literature (Vol.1), Medical Science in Sanskrit Literature (Vol.2), Agricultural Science in Sanskrit Literature (Vol.3), Environmental Science in Sanskrit Literature (Vol.4) and Architectural Science in Sanskrit Literature (Vol.5). He has Guided two Ph.D. Students five M.Phil Students. He has published 32 research papers in refereed Journals. He has attended and presented 27 research papers in International Conference and also attended thirty National Conferences.

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“Leslie Pickering Francis’ Arguments of Affirmative Action: Revisited”

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Abstract—Affirmative action, in contemporary political philosophy, has been the most debatable issue. Some Philosophers say that there should not be any policy which is far from the equality before law and the law that shows deviation from the same, should not be praised at all. Affirmative Action is a policy of preferential treatment which is done to uplift the deprived and underrepresented class on the cost of others’ possession that is against the equality before law. While, some Philosophers say that there should be Affirmative Action for assuring a level playing field. It’s because there is disparity in social-economical scenario dispersed in the society. The deprived class is far from the favorable socio-economical scenario as the groups of main stream are entertaining. In this paper, I will try to criticize the arguments of Leslie Pickering Francis given in the favor of Affirmative Action. Along with this task, I will try to inquire Affirmative Action from the Philosophical point of view. The paper will conclude by advancing my own position regarding this issue.

Introduction

The term “Affirmative Action” was first used in ‘National Labor Relations Act, 1935’ which came in existence in 1935. The act was a cluster of orders banning the discriminatory behavior of employer against union members or union organizers. But the first use of the Phrase “Affirmative Action” is usually attributed to ‘Executive Order of 10925’, which was issued by American President John F. Kennedy in the year 1961. The Act became the ‘Civil Rights Act, 1964’. This act was based on the composite idea carried by the American President ‘John Kennedy’ and the Leading Liberals of that time. The central theme of the act was to create a level playing field where equal opportunity for all can be assured through fair procedures. The order contained the provisions that all the government agencies have to insure that criteria and considerations of the applicant for employment should be regardless to their race, color and national origin. As the order was implemented on the ground two years passed, the sub-clause of sex is also added in the order. Sixteen days after the act was passed, riots erupted in the major regions of United States of America. (Cohen and Sterba 191-198)

During these riots, America got its new President i.e. Lyndon Johnson. Lyndon Johnson in order to implement the Act

effectively issued an order i.e. ‘Executive Order 11246’. The Order contained directions that all executive departments and agencies of Federal Government should establish and maintain positive program to insure the equal opportunity of all employees. In response to the Act, the US Department of Labor has created a special committee, named as “Office of Federal Compliance Program”. The committee replaced the already existing committee “Equal Employment Opportunity Commission” which was established by the former “Executive Order 11925”. The committee was aiming to respond the individual complaints regarding discriminations. The ‘Office of Federal Compliance Program’ proved more effective in improving the situation of minorities than the ‘Equal Employment Opportunity Commission’. (Cohen and Sterba 12-20)

The above discussion was related to mentioning legislative initiatives taken by the different authority of Legislature in order to establish an easy way to implement the policy of Affirmative Action against the Discrimination. Now, I am going to discuss the earlier cases related to the discrimination that compelled the government to make policy like preferential treatment. In this line of thinking, the first case in US Supreme Court related to Affirmative Action, was ‘Griggs v. Duke Power Company’ which was filed in 1971. The Petitioner argued that the Duke Power Company has adopted the criteria for hiring the job candidates which was discriminatory against the minority groups. So, the Duke Power Company is in the violation of uniform law i.e. ‘Title VII’ of the ‘Civil Rights Act, 1964’. In Education sector, the first case was ‘Regents of University of California V. Bakke’. The case filled in 1978. In this case, Bakke’s admission got rejection at Davis Medical School, University of California. Despite, he has scored more marks than the cutoff of an average socially and economically disadvantaged class i.e. minority groups. It’s interesting to discuss here that ‘University of California’ usually reserved 16 percent seats of total available seats for the students from the socially and economically disadvantaged class. Bakke had an idea in his mind that if the quota might have not allotted to the targeted

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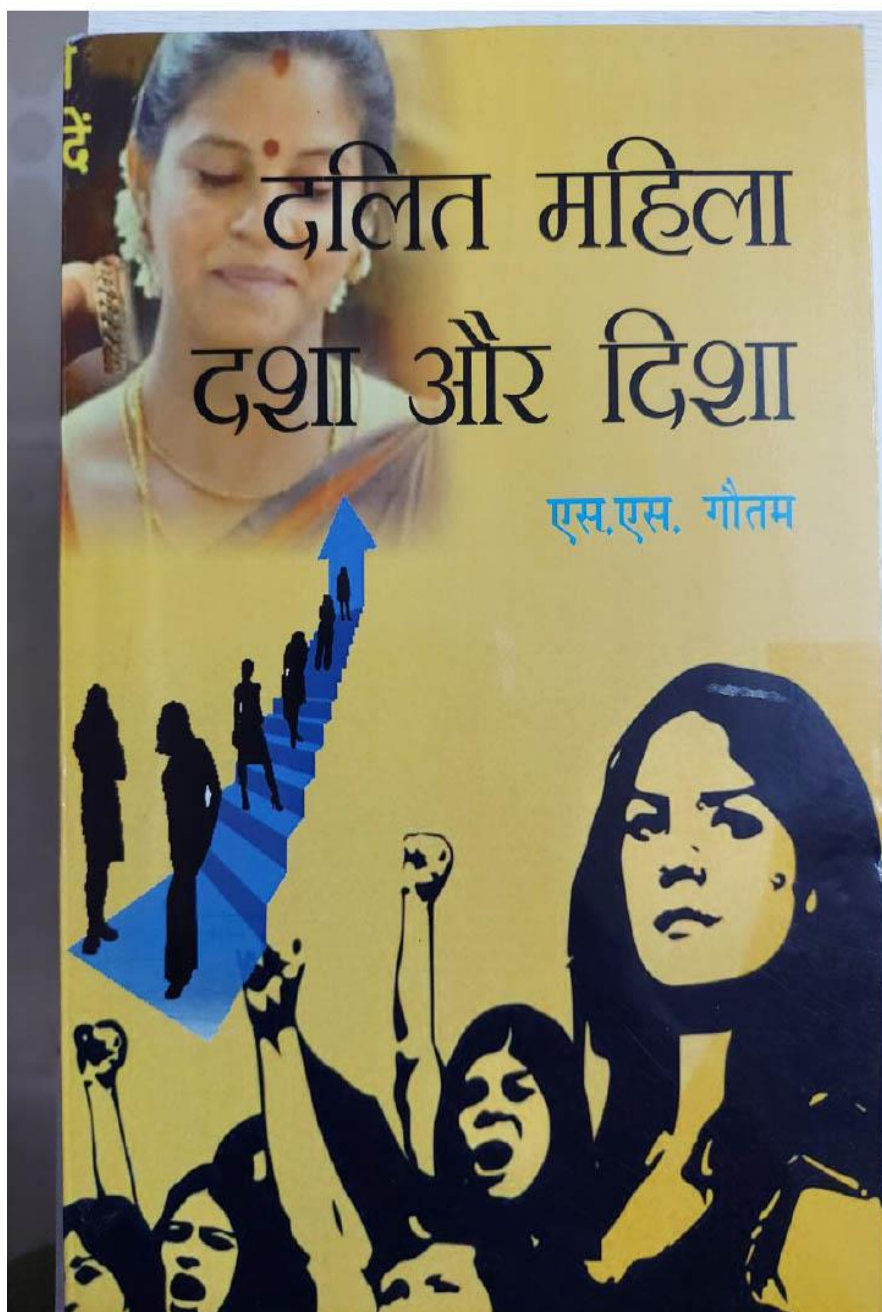
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दलित महिलाओं का अस्तित्व, अस्मिता और सम्मान

अजय कुमार

स्त्री जन्म से ही दलित होती है—एक उपेक्षिता, जिसे समाज पुरुषों के समान शिक्षा, न्याय, स्वतंत्रता एवं समानता नहीं देता। अरस्तू ने भी जो परिभाषा दी है उसके अनुसार भी औरत में कुछ गुणवत्ताओं की कमी है। अरस्तू औरत को स्वायत्त व्यक्ति नहीं मानता, बल्कि उसे पुरुष से ही संबंधित मानता है।

प्राचीन काल से लेकर 20वीं शताब्दी तक स्त्री को खिलौना मात्र समझा गया—सती प्रथा, भ्रूण हत्या, देवदासी बनाना, बाल-विवाह, विधवा असंगति इत्यादि, ये सभी उदाहरण स्त्री की उपेक्षा के हैं, जो उस पर धोपे गए हैं। आज इन सभी मुद्दों में से कई मुद्दे हल हो चुके हैं, परन्तु पूरे भारत में आज भी भ्रूण हत्या, बाल-विवाह, विधवा असंगति, वेश्यावृत्ति जैसी प्रथाएँ/मुद्दे हैं। जन्म से ही स्त्री को पुरुषों जैसी स्वतंत्रता व समानता नहीं दी जाती तथा आज भी यह डंका पीटा जाता है कि वे पुरुषों के समान हैं। संविधान के अनुच्छेद-15 में भी लिखा गया है कि—“राज्य केवल धर्म, वंश, जाति, लिंग व जन्म स्थान या इनमें से किसी एक के आधार पर नागरिकों के साथ भेदभाव नहीं करेगा।” परन्तु क्या ऐसा सचमुच होता है? राज्य समाज से बनता है और समाज में आज भी विभिन्न कुरीतियाँ मौजूद हैं। औरत को पाँव की जूती समझा जाता है। फिर किस प्रकार के मौलिक अधिकार

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शिक्षा एवं व्यवसाय : 1971 के भारत पाकिस्तान युद्ध में भाग लेने की ललक एवं देशप्रेम की भावना में बहकर बी.एस.सी. फाइनल का अध्ययन छोड़कर मार्च 1972 में सेना में प्रवेश। 17 वर्ष सेवा करके हवलदार के पद से स्वैच्छिक अवकाश। पुनः 1990 में भारत सरकार के सूचना और प्रसारण मंत्रालय, में नियुक्ति और वहां से 2012 में सेवा निवृत्ति।

भाषा ज्ञान : हिंदी, अंग्रेजी, संस्कृत, पालि, मराठी, पंजाबी, बंगला और तेलगू।

साहित्य सृजन : चार्वाक दर्शन, पालि संस्कृत की जननी, भारतीय लोकोक्तियों में जातीय द्वेष, भारतीय साहित्य में महिलाओं पर अभद्र कहावतें, चमार रेजिमेंट और अनुसूचित जातियों की सेना में भागीदारी तथा भारतीय दलित आंदोलन और सामाजिक एवं सांस्कृतिक परिवर्तन आदि 25 के करीब मौलिक रचनाओं के अतिरिक्त बहुजन नायक मान्यवर कांशीराम स्मृति ग्रन्थ के सम्पादन के साथ-साथ सन्तों, दलित आंदोलन, दलित महानायक, इतिहास, लघुकथा और सामाजिक विषयों से सम्बन्धित अनेकों पुस्तकों का लेखन, अनुवाद एवं सम्पादन।

स्थापना : ♦दलित साहित्य रिसर्च फाउंडेशन ♦द सेंटर फॉर डॉ. अम्बेडकर एण्ड दलित लिटरेचर ♦गौतम बुक सेंटर ♦सिद्धार्थ बुक्स

अन्य : ♦टी.वी. चैनलों के कार्यक्रमों में भागीदारी एवं राष्ट्रीय स्तर की विभिन्न विचार गोष्ठियों में भागीदारी ♦सन् 1996 का डॉ. अम्बेडकर कलेंडर डिजाइन करने के उपलक्ष्य में डॉ. अम्बेडकर प्रतिष्ठान, भारत सरकार द्वारा मानदेय।

सम्मान एवं पुरस्कार : ♦भारतीय दलित साहित्य अकादमी, दिल्ली ♦दलित साहित्य सम्मेलन कानपुर ♦भारतीय दलित साहित्य अकादमी, उ.प्र. ♦मध्यप्रदेश दलित साहित्य अकादमी, उज्जैन तथा अखिल भारतीय युवाजन समाज, दिल्ली द्वारा सम्मानित एवं पुरस्कृत किया गया।

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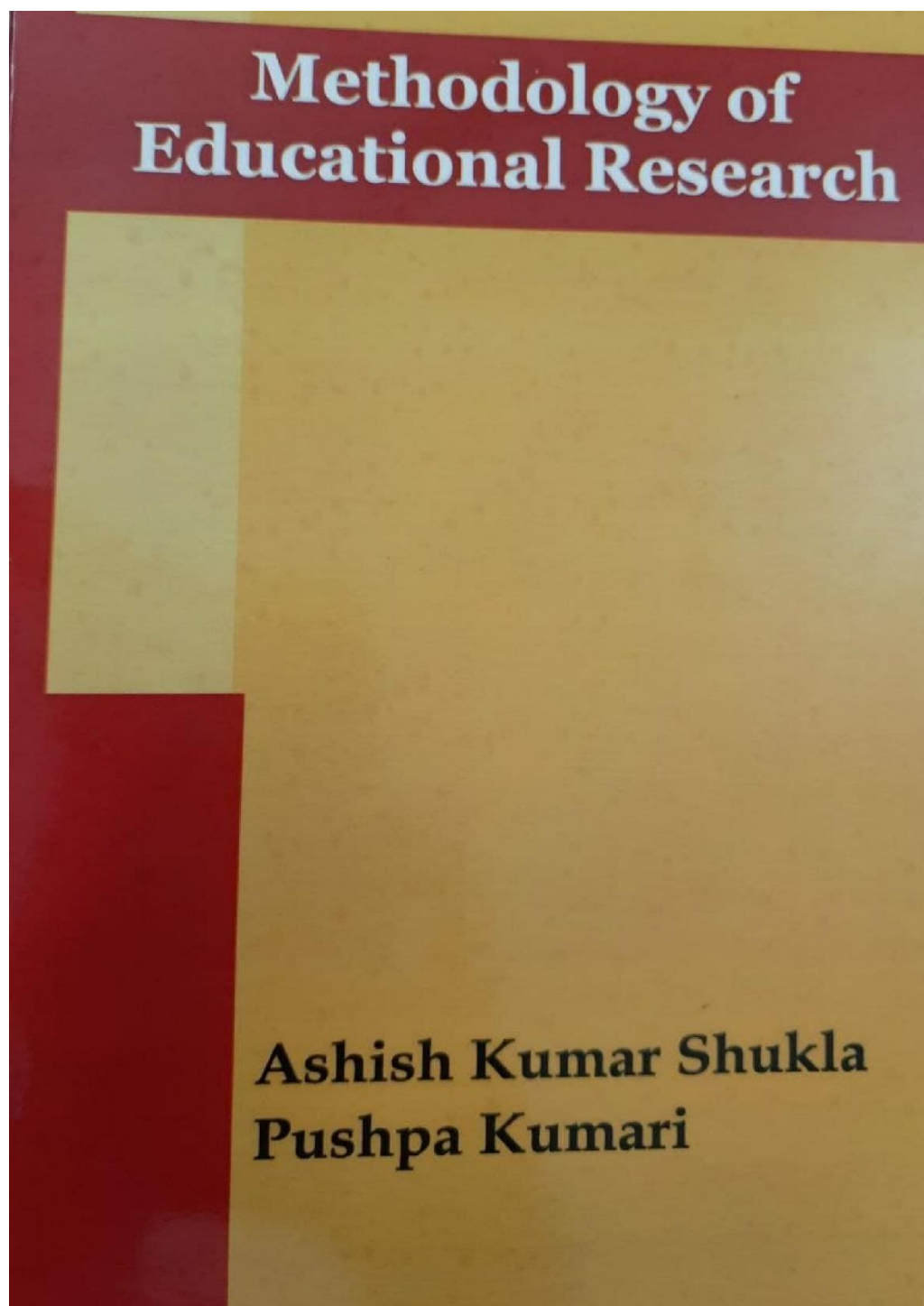
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Methodology of Educational Research

Ashish Kumar Shukla
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ABOUT THE BOOK

Research can be defined as the search for knowledge, or as any systematic investigation, with an open mind, to establish novel facts, usually using a scientific method. The primary purpose for applied research is discovering, interpreting, and the development of methods and systems for the advancement of human knowledge on a wide variety of scientific matters of our world and the universe. Research can be defined as the search for knowledge, or as any systematic investigation, with an open mind, to establish novel facts, usually using a scientific method. The primary purpose for applied research is discovering, interpreting, and the development of methods and systems for the advancement of human knowledge on a wide variety of scientific matters of our world and the universe. Scientific research relies on the application of the scientific method, a harnessing of curiosity. The system of collecting data for research projects is known as research methodology. The data may be collected for either theoretical or practical research for example management research may be strategically conceptualized along with operational planning methods and change management. Some important factors in research methodology include validity of research data, Ethics and the reliability of measures most of your work is finished by the time you finish the analysis of your data. This book will be attractive to researchers needing familiarity with research methods. The methods described in this book are made users friendly so that even general readers will find this book useful.

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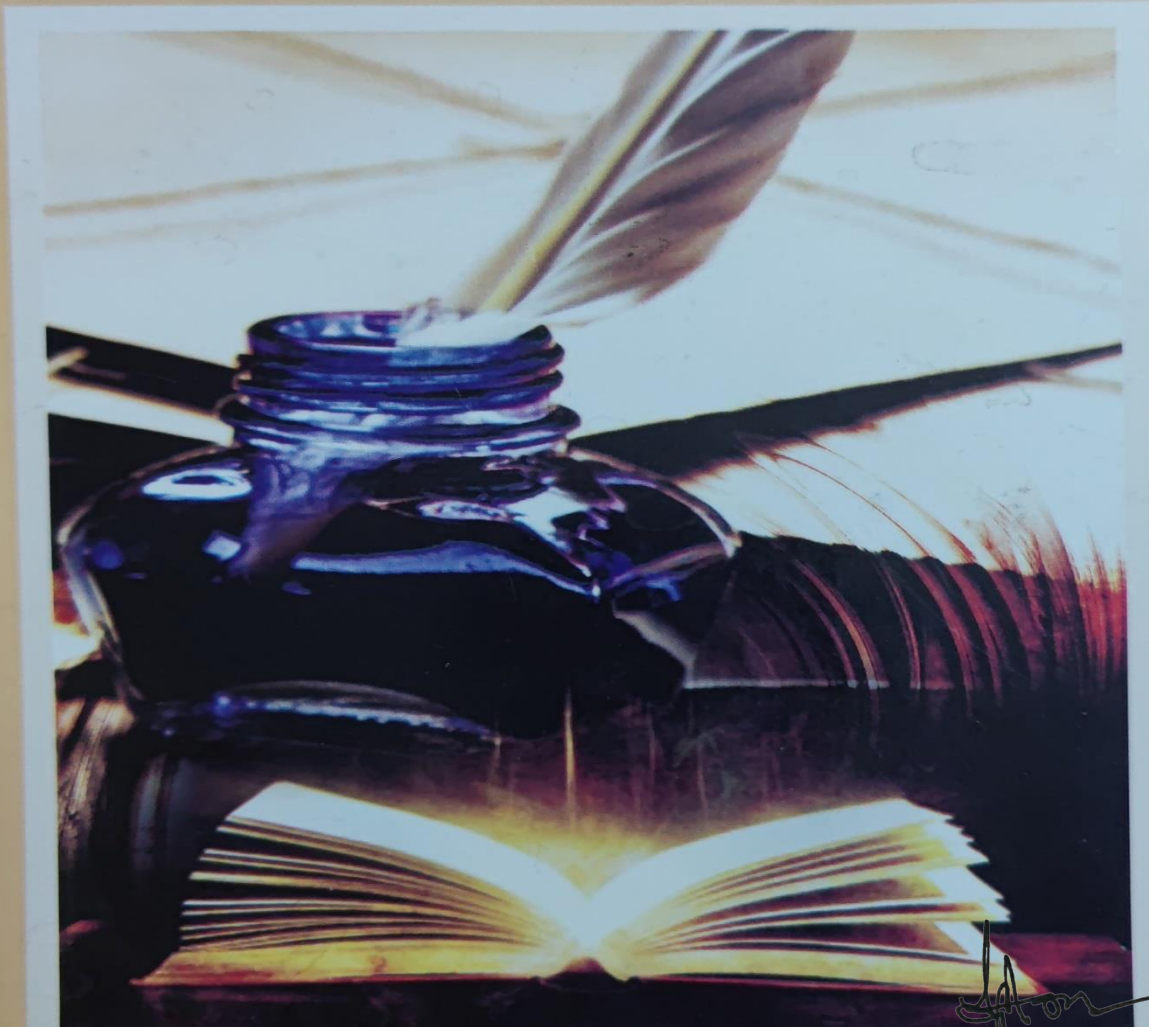


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भूमिका

साहित्य को व्यापक अर्थ में वाङ्मय कहा जाता है। इसके अंतर्गत वह सब कुछ समाहित हो जाता है जो वाक्शक्ति की परिसीमा में आता है। इसके तहत सभी प्रकार के ज्ञान-विज्ञान का साहित्य वाङ्मय की सीमा में आ जाता है चाहे वह साहित्य भौतिक विज्ञान या खगोल शास्त्र का हो। सभी की अध्ययन सामग्री साहित्य के अंतर्गत आ जाता है। वस्तुतः यह साहित्य का व्यापक अर्थ है जिसे साहित्य न कहकर वाङ्मय कहना ही अधिक संगत है।

संकुचित अर्थ में साहित्य काव्य का पर्याय ही माना जाता रहा है। कवि की कृति होने के कारण ही इसे काव्य की संज्ञा से अभिहित किया जाता है। इसी वजह से इसकी परिधि से साहित्य की आधुनिक विधाएं- उपन्यास, कहानी, आत्मकथा, जीवनी, नाटक, एकांकी आदि बाहर हो जाते हैं। अतः स्पष्ट है कि साहित्य न तो वाङ्मय है और न काव्य। हालाँकि संस्कृत साहित्य में वाङ्मय के दो भेद काव्य और शास्त्र माने गए हैं। वैसे काव्य ज्ञान के लिए शास्त्र का अध्ययन अनिवार्य माना गया है शास्त्र ज्ञान के आभाव में काव्य मर्म को नहीं समझा जा सकता। इस स्थिति में काव्य के आस्वादन के पूर्व शास्त्र की सम्यक जानकारी अपेक्षित हो जाती है। शास्त्र ही साहित्यिक विधा के रचयिता को उसकी सीमा का बोध करता है तथा उसे उच्छृंखल होने से बचाता है साथ ही विभिन्न साहित्यिक विधाओं के स्वरूप और सीमाओं का ज्ञान करता है।

प्रस्तुत पुस्तक 'साहित्य चिंतन' में भी साहित्य के स्वरूप को विविध दृष्टिकोणों से समझने-समझाने का प्रयास किया गया है। इसके साथ ही साहित्य और समाज के अंतःसम्बन्ध, साहित्य की प्रयोजनीयता पर भी प्रकाश डाला गया है। इसके अतिरिक्त रस, छंद, अलंकार आदि काव्यांगों पर भी विस्तार से विचार किया गया है। काव्य की आत्मा रस जो उसका प्राण, जीवन एवं सर्वस्व है। काव्यशास्त्र में उसकी महत्ता अपरिमेय है। यहाँ उसे अंगों और भेदों सहित विवेचित-विश्लेषित किया गया है ताकि अध्येता उसका सरसता से अध्ययन कर सके।

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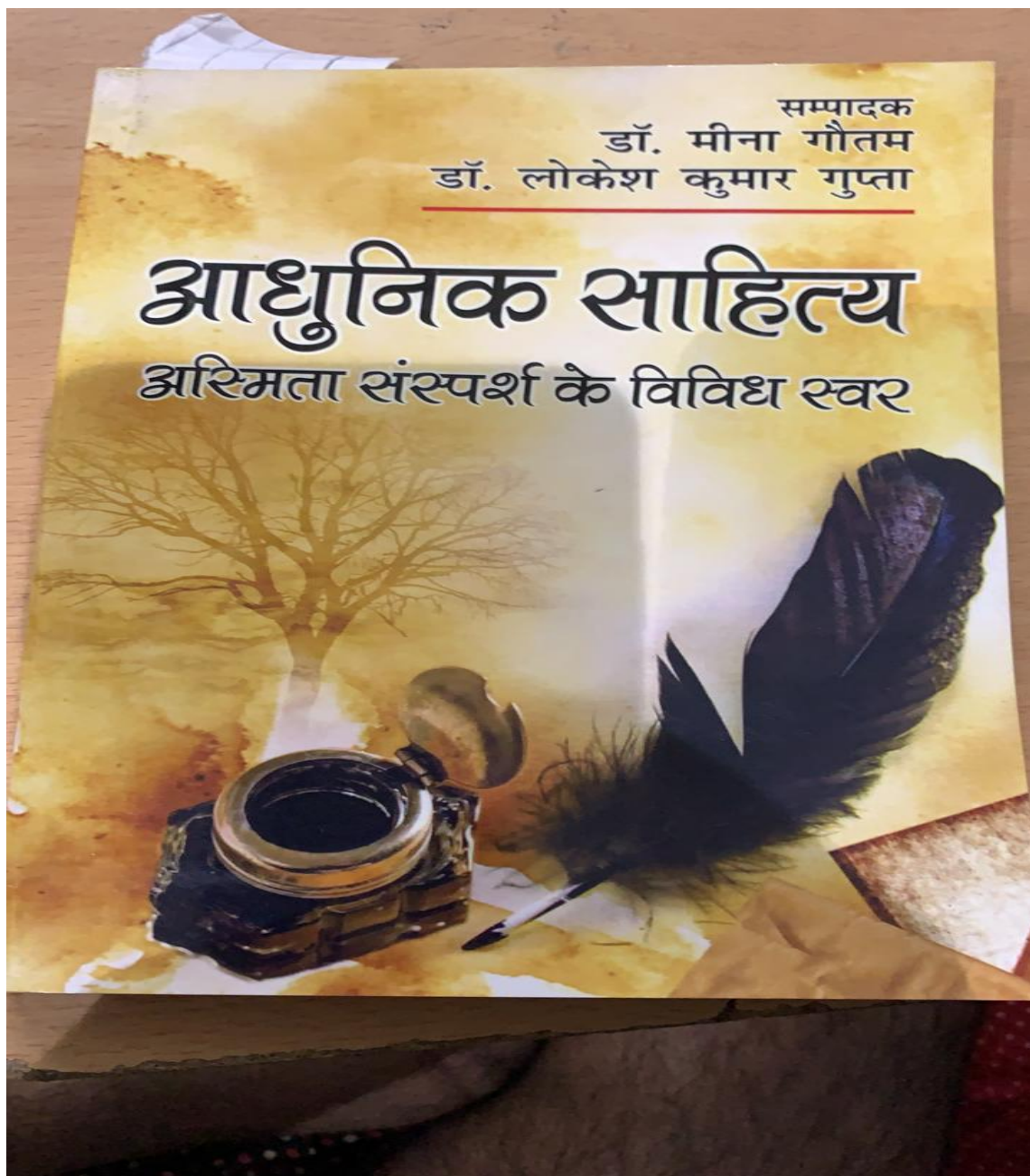
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रघुवीर सहाय की काव्यदृष्टि

—डॉ. नवाब सिंह*

रघुवीर सहाय स्वातन्त्र्योत्तर काव्यधारा 'नई कविता' के महत्वपूर्ण और प्रतिनिधि कवि हैं। 'नई कविता' में उनके इस विशेष स्थान और महत्व का मुख्य कारण है— लोकतान्त्रिक विचारधारा और मूल्यों के प्रति गहरी आस्था और निष्ठा। कर्षण आजादी के बाद जो नई काव्यधारा उभरकर सामने आई, उसमें रचनाकारों का एक बड़ा समुदाय लोकतान्त्रिक मूल्यों के प्रति उदासीन व गैर-राजनीतिक या राजनीति विरोधी होता गया। यह उस समय के शासक वर्ग की एक सोच भी थी कि इस नए मध्यवर्ग को उस आदर्श भावना और जनतान्त्रिक मूल्यों से काट दिया जाए, जो सामाजिक परिवर्तन या बदलाव को बढ़ावा देते हों। उस दौर के अनेक कवियों ने आत्मसंस्कार या सामाजिक संस्कार से अपने को अलग रखकर ही अपनी आधुनिकता को सार्थक माना। लेकिन उस काव्यधारा के लगभग एकमात्र कवि रघुवीर सहाय थे, जिन्होंने अपनी जनतान्त्रिक संवेदनशीलता को कायम रखा।

रघुवीर सहाय विचार को जीवन और कविता में विशेष महत्व देते हैं। 'इस सप्तक' के वक्तव्य में वे कहते हैं कि, "विचार वस्तु का कविता में खून की तरह दौड़ते रहना कविता को जीवन और शक्ति देता है, और यह तभी सम्भव है जब हमारी कविता की जड़ें यथार्थ में हों।" विचार और यथार्थ में गहरा सम्बन्ध होता है, विचार को यथार्थ पैदा करता है। रघुवीर सहाय विचारधारात्मक स्तर पर आधुनिक सभ्य समाज के लिए लोकतान्त्रिक मूल्यों जैसे न्याय, समता, स्वतन्त्रता और व्यक्ति के प्रति पूरी तरह समर्पित थे। इनका जहाँ भी अभाव था, उसके खिलाफ आवाज उठाकर पुरजोर विरोध करते थे।

साठ के दशक से रघुवीर सहाय की कविता के सबसे गम्भीर और प्रमुख विषय—जनता का शोषण, लोकतन्त्र का अन्त, भ्रष्टाचार और लाचारी बने। आजादी के बाद भारतीय राजनीति के चरित्र, चाल और चेहरे में आए बदलाव पर कवि ने

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डॉ. नवाब सिंह

आजादी से पूर्व भारतीय इतिहास में दलित समाज के उत्थान और समृद्धि के लिए अनेक जननायकों और समाज सुधारकों द्वारा समय समय पर अनेक आन्दोलन किये गए। दलित समाज के उत्थान और समृद्धि के लिए हुए अनेक आन्दोलनों के बावजूद भी दलित समाज उत्पीड़ित, शोषित और पिछड़ा बना रहा। क्योंकि इन आन्दोलनों को अपने समय के किसी भी राजसत्ता या शासकों की संवेदनशीलता और व्यापक सहयोग नहीं मिला। इसलिए आजादी से पूर्व दलितों के सशक्तीकरण के लिए कोई भी वैधानिक या कानूनी नीति नहीं बन सकी, न ही क्रियान्वित हो सकी। जिससे उनकी स्थिति जस की तस बनी रही।

भले चाहे दलित उत्थान के लिए हुए पूर्व आन्दोलनों से दलित समाज का सामाजिक, राजनीतिक, आर्थिक और सांस्कृतिक स्तरों पर कोई प्रभावी उत्थान न हो सका हो, किन्तु एक लाभ इन आन्दोलनों से दलित समाज को जरूर हुआ। वह है स्वाभिमान की भावना, आत्मविश्वास और अस्मिता बोध की जागरूकता।

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डॉ. नवाब सिंह

रघुवीर सहाय स्वातन्त्रयोत्तर काव्यधारा 'नयी कविता' के महत्वपूर्ण और प्रतिष्ठित कवि हैं। 'नयी कविता' में उनके इस विशेष स्थान और महत्व का मुख्य कारण है- लोकतांत्रिक विचारधारा और मूल्यों के प्रति गहरी आस्था और निष्ठा। क्योंकि आजादी के बाद जो नयी काव्यधारा उभरकर सामने आई, उसमें रचनाकारों का एक बड़ा समुदाय लोकतांत्रिक मूल्यों के प्रति उदासीन व गैर-राजनीतिक या राजनीति विरोधी होता गया। यह उस समय के शासक वर्ग की एक सोच भी थी कि इस नये मध्यवर्ग को उस आदर्श भावना और जनतांत्रिक मूल्यों से काट दिया जाए, जो सामाजिक परिवर्तन या बदलाव को बढ़ावा देते हों। उस दौर के अनेक कवियों ने आत्मसंस्कार या सामाजिक संस्कार से अपने को अलग रखकर ही अपनी आधुनिकता को सार्थक माना। लेकिन उस काव्यधारा के लगभग एकमात्र कवि रघुवीर सहाय ही थे, जिन्होंने अपनी जनतांत्रिक संवेदनशीलता को कायम रखा।

रघुवीर सहाय विचार को जीवन और कविता में विशेष महत्व देते हैं। 'दूसरा सप्तक' के वक्तव्य में वे कहते हैं कि, "विचार वस्तु का कविता में खून की तरह दौड़ते रहना कविता को जीवन और शक्ति देता है, और यह तभी संभव है जब हमारी कविता की जड़ें यथार्थ में हों।" विचार और यथार्थ में गहरा संबंध होता है। विचार को यथार्थ पैदा करता है। रघुवीर सहाय विचारधारात्मक स्तर पर आधुनिक सभ्य समाज के लिए लोकतांत्रिक मूल्यों जैसे न्याय, समता, स्वतंत्रता, और बंधुत्व के प्रति पूरी तरह समर्पित थे। इनका जहां भी अभाव था, उसके खिलाफ आवाज उठाकर पुरजोर विरोध करते थे।

साठ के दशक से रघुवीर सहाय की कविता के सबसे गंभीर और प्रमुख

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स्त्री शिष्टा नहीं होती बल्कि वह सामाजिक निर्मिति है। स्त्री जन्मना नहीं होती बल्कि बनाई जाती है। इसी तरह स्त्री अस्मिता का प्रश्न और स्त्री स्वर का बढ़ता दायरा आकस्मिक घटना नहीं है बल्कि यह हजारों वर्षों के वैदिक-मानसिक, उत्पीड़न से उभरा आक्रोश है। वास्तव में स्त्री समाज का आधा हिस्सा है वह पुरुष से साथ कंधे से कंधा मिलाकर उत्पादन और विकास की प्रक्रिया में बराबर की सहभागी रही है। आदिम युग में वह पुरुष साथियों सहित कबीला समूह में मुखिया बन कर रही। कृषि युग में आते-आते वह प्रकृति, पशु-पक्षियों के साग्निध्य में अपना 'स्व' उत्सर्ग कर पितृसत्ता के अधीन हो गई। पुरुष ने चालाकी से उसे घर में कैद कर लिया। उसकी शारीरिक संरचना के कारण उसे अपने से कमतर होने का एहसास कराया। उसकी गुलामी का महिमामंडन करके उसके विद्रोह को दफना दिया और स्वयं घर का मुखिया बन अपनी पौरुष ताकत का उस पर इस्तेमाल किया।

लेकिन यह भी सच है कि आधुनिक राजनीति और नारीवादी चिंतन ने समाजशास्त्रीय अध्ययनों का फलक चौड़ा किया है जिससे धर्म, जाति, पितृसत्ता और स्त्री जैसे प्रश्न साहित्य के केन्द्र में निरंतर बने हुए हैं। इतिहास को खंगालने से पता चलता है कि भारतीय पुनर्जागरण काल में स्त्रियों के संबंध में नई चेतना का उन्मेष हुआ। स्वामी दयानन्द सरस्वती, राजाराम मोहन राय, ईश्वरचंद विद्यासागर, विवेकानन्द, महात्मा गांधी, जोतिबा फुले, सावित्री फुले, डॉ. भीमराव अम्बेडकर जैसे समाज सुधारकों एवं जननायकों ने स्त्री सशक्तिकरण को एक नया तेवर प्रदान किया। डॉ. भीमराव अम्बेडकर ने 'संविधान' के माध्यम से स्त्रियों के अधिकारों को सुरक्षित कर दिया। कहना न होगा कि इन सब सकारात्मक-नकारात्मक परिस्थितियों ने स्त्री स्वर को प्रोत्साहित किया जिसमें स्त्री लेखन प्रचुर मात्रा में सामने आया है और स्त्रीवादी लेखन की यह प्रगतिशील परम्परा निरंतर विभिन्न आयामों में विकसित हो रही है। आज स्त्री स्वर से अनुगूजित साहित्य में रचनाकारों की एक लम्बी पंक्ति निर्मित हो चुकी है। आत्मकथा हो, कहानी हो, नाटक हो, कविता हो, आलोचना हो चाहे पत्रकारिता हो सभी विधाओं में अपनी स्वानुभूति को मंजी हुई तथा अनूठी भाषा शैली में स्त्री लेखिकाएं अग्रणी भूमिका निभा रही हैं।

वस्तुतः प्रस्तुत पुस्तक में चयनित लेखों के माध्यम से 'स्त्री स्वर' के विभिन्न आयामों की पड़ताल करने की कोशिश की गई है जिससे चिंतन, अध्ययन की प्रगतिशील परम्परा और जीवंत मानवीय संस्कृति की रूपरेखा सामने आती है। स्त्रीवादी साहित्य और चिंतन में मौजूद छटपटाहट तथा मानवीय पहलू को उजागर करना ही प्रस्तुत पुस्तक का उद्देश्य है।



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साम्प्रदायिकता : आज की सबसे बड़ी चिंता

धर्मनिरपेक्षता और जनवादी मूल्यों में आस्था और विश्वास रखने वाले प्रत्येक भारतीय की आज सबसे बड़ी चिंता है—सांप्रदायिकता का भयंकर बढ़ता उफान। सांप्रदायिकता का स्वरूप भारत में दिन-प्रतिदिन उग्रवादी, हिंसक, आतंकवादी, आक्रामक, पुनरुत्थानवादी और व्यापक अलगाववादी रूप ग्रहण करता जा रहा है। आज भारत एक ऐसे मोड़ पर खड़ा है जहाँ लोगों की एकता, साझी संस्कृति, भाईचारा, सहिष्णुता, सद्भावना और सह-अस्तित्व जैसी लोक-कल्याणकारी परंपराएँ ही टूटती जा रही हैं। जिससे आज की लोकतांत्रिक व्यवस्था को एक भयंकर चुनौती तथा खतरा उत्पन्न हो गया है। आज भारतीय एकता की खूबसूरत, समृद्ध और बहुरंगी चित्रपट पर संप्रदायवाद की काली छाया गहरी होती जा रही है।

आज के भारत में सांप्रदायिकता अकेली सबसे बड़ी विनाशकारी विचारधारा का रूप ग्रहण कर चुकी है जिस पर गंभीरतापूर्वक और व्यापक पैमाने पर विचार-विमर्श करना अतिप्रासंगिक मसला बन चुका है। सबसे पहले यह जानना होगा कि सांप्रदायिकता क्या है ? धर्म में व्यापक, विस्तृत और विशाल विचारधारा होती है। धर्म के इसी व्यापक, विस्तृत और विशाल विचारधारा से उत्पन्न सीमित एवं खंडित विचारधारा वाले समूह को संप्रदाय कहते हैं। धर्म का संघ होता है परंतु संप्रदाय का संगठन बनता है। संप्रदाय का संबंध और आधार धर्म तो होता ही है परंतु जब इसमें राजनीति प्रवेश कर जाती है तो समाज और राष्ट्र पर दुष्प्रभाव पड़ने लगते हैं। और धर्म की आड़ लेकर विशेष लोग राजनीतिक उथल-पुथल करने लगते हैं। धर्म की इसी खंडित और सीमित विचारधारा को सांप्रदायिकता कहते हैं। धर्म

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मनोज कुमार द्वारा प्रकाशित तथा श्रीबालाजी ऑफसेट, दिल्ली द्वारा मुद्रित।


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हिंदी साहित्य और दलित विमर्श

समाज का निर्माण करने वाला मानव अपने अस्तित्व के लिए अपने चारों ओर के परिवेश के प्रति संवेदशील रहा है। इक्कीसवीं शदी के उत्तरार्ध में भारतीय साहित्य में अनेक विमर्श तेजी से उभरे हैं। जो समस्याएँ हमारे सामने छोटे रूप में थी आज वे ज्ञान के हस्तांतरण व राजनीतिक, सामाजिक, मानवीय परिस्थितियों के कारण विकसित हुई हैं। इन विमर्शों का सही मायना समाज के हर वर्ग को समाज में होने वाले परिवर्तन में बराबर का भागीदार होने का अहसास दिलाना है। वर्तमान युग विमर्श का युग है और विमर्श के माध्यम से ही मानवीय चेतना को जागृत व उदात्त करना है। विकलांग विमर्श, किन्नर विमर्श, पर्यावरण विमर्श, पुरुष विमर्श, स्त्री विमर्श, आदिवासी विमर्श तथा दलित विमर्श में दलित विमर्श सबसे महत्वपूर्ण और ज्यादा प्रचलित विमर्श है। दलित हमारे समाज का बहुत बड़ा हिस्सा है। जिनकी समाज में उपेक्षा बिलकुल उचित नहीं है।

हमारे समाज में जाति व्यवस्था लगातार प्राचीन समय से चली आ रही है। जाति व्यवस्था के कारण दलित वर्ग को हर क्षेत्र में शोषित और प्रताड़ित किया जाता रहा है। दलित व्यक्ति अपनी इच्छा से कोई भी कार्य नहीं कर सकता। ना वह अपने अधिकारों का प्रयोग कर सकता यहाँ तक की उसे स्वतंत्र रूप में जीने का भी अधिकार नहीं है। दलितों को भी समाज के अन्य व्यक्तियों के समान सम्मान से जीने का अधिकार मिलना चाहिए। क्योंकि वह समाज से अलग नहीं है। परंतु समाज का उच्च वर्ग उसे पग-पग पर यह अहसास कराने से नहीं चूकता कि वह उनसे हीन है। रुढ़िग्रस्त, स्वार्थ परस्त, जर्जरित सामाजिक व्यवस्था आज भी समानाधिकार, समान नैसर्गिक और नैतिक अधिकार पाने वाले दलित को वंचित असाहाय एवं असमर्थ तथा दया का पात्र मानती है। किसी भी तरह का भेदभाव एक व्यक्ति के जीवन और उसके सर्वांगीण विकास के लिए अत्यंत खतरनाक है। अतः इस विषय पर विचार-विमर्श अत्यंत आवश्यक है।

डॉ. अंजु

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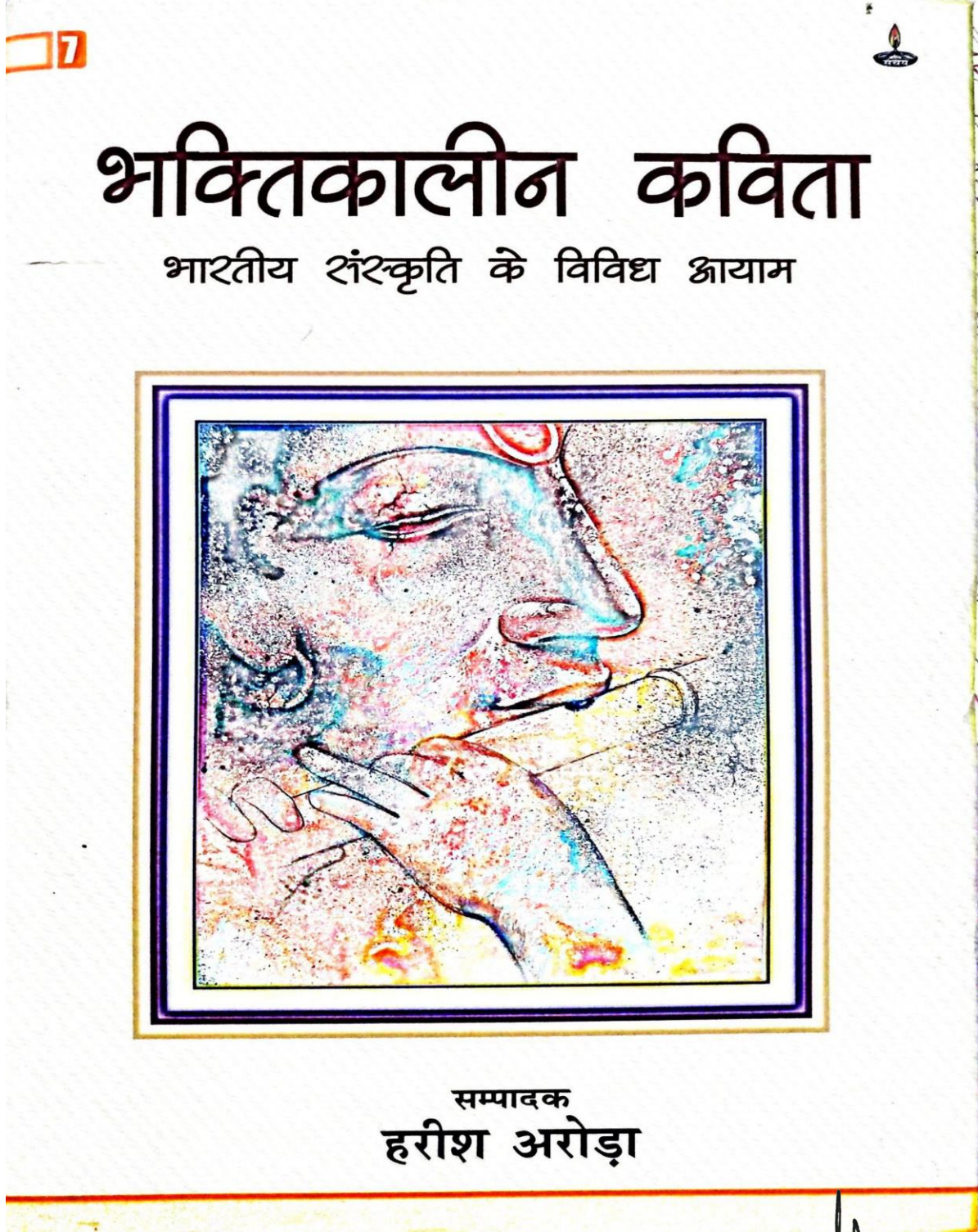
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भक्तिकालीन कविता

भारतीय संस्कृति के विविध आयाम

भाग-7

संपादक
डॉ. हरीश अरोड़ा



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मध्यकालीन बोध और मीरा

डॉ. नवाब सिंह
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मध्यकालीन बोध से अभिप्राय

मध्यकाल में जीवन-जगत से जुड़े समस्त चिंतन और दर्शन को मध्यकालीनता अथवा मध्यकालीन बोध कहा जाता है। मध्यकालीनता एक मनोवृत्ति है। जो जड़ और जबदी हुई मनोवृत्ति है। 'मध्यकालीन बोध का स्वरूप' में आचार्य हजारी प्रसाद द्विवेदी कहते हैं कि, " 'मध्ययुग' शब्द का प्रयोग काल के अर्थ में उतना नहीं होता जितना एक खास प्रकार की 'पतनोन्मुख और जबदी हुई मनोवृत्ति' के अर्थ में होता है। मध्ययुग का मनुष्य धीरे-धीरे विशाल और असीम ज्ञान के प्रति जिज्ञासा का भाव छोड़ता जाता है। तथा धार्मिक आचारों और स्वतः प्रमाण माने जाने वाले आप्त वाक्यों का अनुयायी होता जाता है।" (साहित्य इतिहास और आधुनिक बोध, पृ.129) 'मध्यकालीनता' काल का वाचक न होकर चेतना का बोधक है। मध्यकालीन चेतना जकड़ी हुई, जड़ और जबदी हुई स्तब्ध मनोवृत्ति है जिसका संबंध नवनवोन्मेशोन्मुखी ज्ञान के बजाय शास्त्रबद्ध ज्ञान तक सीमित है। शास्त्रबद्ध मनोवृत्ति ही सामंतवाद की असली मनोभूमि और शक्ति पूँजी है। इसने मनुष्य जीवन और सामाजिक चेतना को लंबे समय तक जकड़कर चेतनाहीन बना रखा है। मीरा (1498 ई.-1546 ई.) की कविता इसी 'पतनोन्मुख और जबदी हुई मनोवृत्ति' के खिलाफ विद्रोह और स्वाधीनता बोध की कविता है। मीरा के विद्रोहात्मक स्वाधीनता बोध में असहमति का साहस है और असहमति का यह साहस मीरा में अभिव्यक्ति का साहस पैदा करता है। असहमति का साहस और अभिव्यक्ति का साहस से मीरा एक स्वाधीन और मानवीय लोकतंत्र की रचना करती है।

मध्यकालीन बोध का मनुष्य आगे की बजाय पीछे की ओर देखता है और आगे चलने की बजाय पीछे की ओर चलता है। यानी उसकी दृष्टि और गति प्रगतिकामी की बजाय पश्चगामी रहती है। और चेतना के स्तर पर इहलौकिक न

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डॉ. हरीश अरोड़ा

साहित्य और पत्रकारिता के क्षेत्र में एक स्थापित नाम। 'दिल्ली विश्वविद्यालय' के पी.जी.डी.ए.वी. कॉलेज (सांध्य) के हिन्दी विभाग में सीनियर असिस्टेंट प्रोफेसर। इससे पूर्व दिल्ली विश्वविद्यालय से हिन्दी साहित्य में एम.ए., एम.फिल. तथा पी-एच.डी. के अतिरिक्त कुरुक्षेत्र विश्वविद्यालय से पत्रकारिता एवं जनसंचार में स्नातकोत्तर डिप्लोमा। प्रकाशन : 'धूप की खुली किताब' (कविता संग्रह), 'हत्याकाण्ड के बाद' (कहानी संग्रह), 'एक समर्पित एकांत' (कविता संग्रह), गुरु गोविन्द सिंह के काव्य में राष्ट्रीय अस्मिता (आलोचना), 'शोध : निकष पर' (शास्त्रीय

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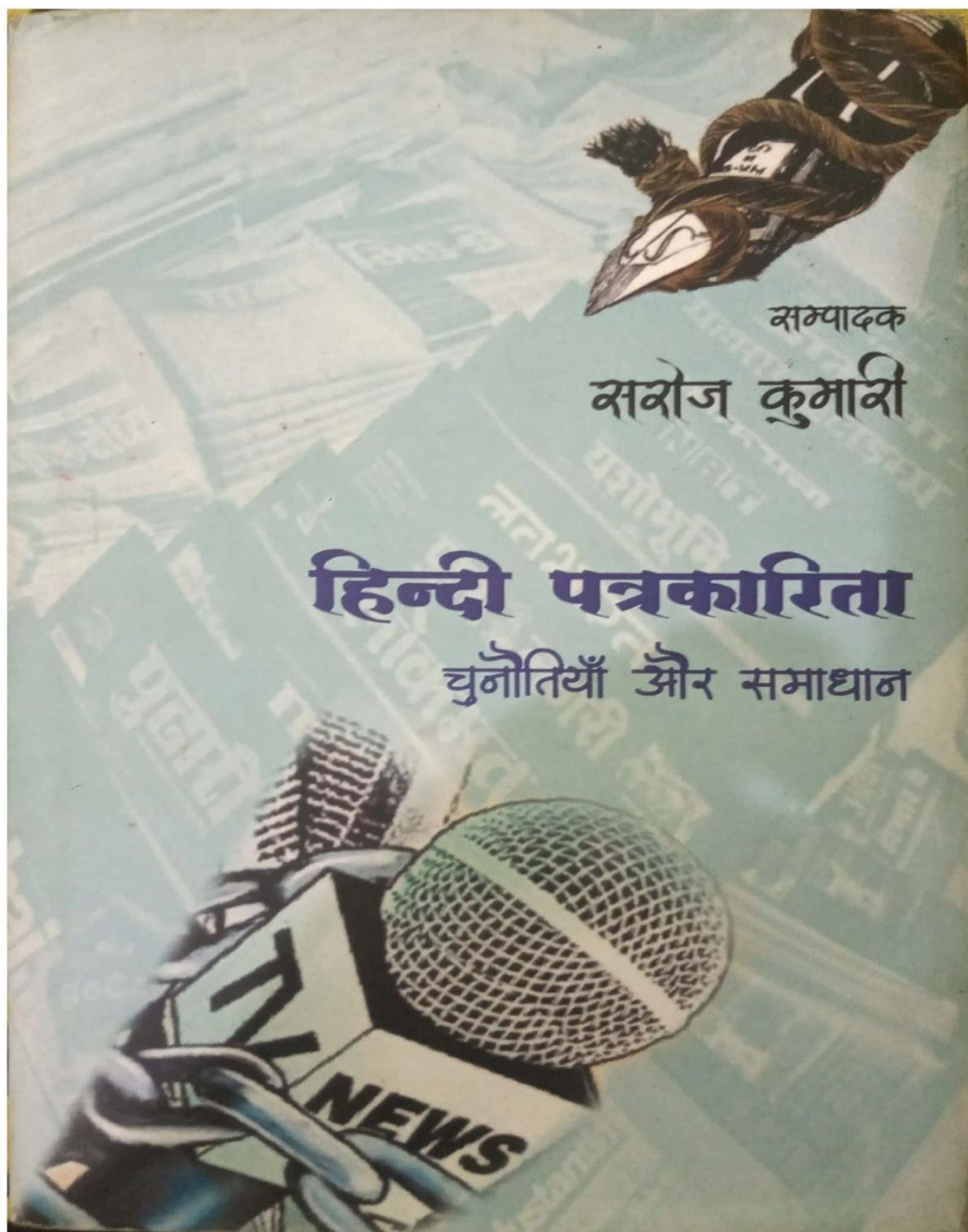
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समकालीन पत्रकारिता की समस्याएं और चुनौतियां

डॉ. नवाब सिंह

वर्तमानता ही पत्रकारिता की मूल जन्मभूमि और कर्मभूमि है। इसलिए पत्रकारिता अपने वर्तमान समय की न केवल खबर है बल्कि अपने समय की आवाज भी है। पत्रकारिता अपने समय का सत्य भी है और अपने समय का यथार्थ भी। यथार्थ सत्य को अपनी अभिव्यक्ति की शक्ति बनाना ही पत्रकारिता की सबसे बड़ी निर्भीकता और साहसिकता है। सत्य और यथार्थ के लिए नकारात्मकता से लड़ना ही पत्रकारिता की असली शक्ति है। नकारात्मकता पत्रकारिता की पहचान है। समाज और व्यवस्था की नकारात्मक शक्तियों के खिलाफ निर्भीक लड़ाई ही पत्रकारिता की सबसे बड़ी चुनौती है। अपने समय के नकारात्मक अंधकार से सत्य और यथार्थ को सामने लाने में पत्रकारिता को अनेक समस्याओं और चुनौतियों का सामना करना पड़ता है।

पत्रकारिता और चुनौती में बड़ा गहरा संबंध है। बिना चुनौतियों के पत्रकारिता न संभव है और न सार्थक ही। पत्रकारिता की जन्मकुंडली में ही चुनौतियों का स्थायी वास है। अर्थात् पत्रकारिता ने चुनौतियों का सामना करना अपने जन्मकाल से ही शुरू कर दिया था। यह संघर्ष आज मंद होता दिख रहा है। खतरे उठाने में पत्रकारिता अब उतनी सक्षम नहीं है जितनी पहले थी। पत्रकारिता की विशेषता सामाजिकता है। सामाजिक सरोकारों से ही पत्रकारिता की समाज और देश में विश्वसनीयता और जीवंतता बढ़ती है। पत्रकारिता के वैचारिक सरोकार मूलतः सामाजिक सरोकारों से ही जुड़े हैं। आज ये सामाजिक सरोकार पत्रकारिता के वैचारिक सरोकारों से गायब होते दिख रहे हैं। इसके अनेक कारण हैं जिसकी जांच-पड़ताल कर सामने लाना ही इस अध्ययन का उद्देश्य है।

पत्रकारिता आधुनिक युग की देन है। इसलिए पत्रकारिता का गहरा संबंध आधुनिकता से है और यह आधुनिकता अंग्रेजी राज की देन नहीं है बल्कि उसका विकास इस राज के विरुद्ध संघर्ष के दौरान हुआ। आधुनिकता से अभिप्राय वैज्ञानिक

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Quantitative Quality Assessment of Open Source Software by Considering New Features and Feature Improvements

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Open Source Software (OSS) evolves through active participation of users in terms of requesting for features, i.e. new features (NFs) and improvements in existing features (IMPs). Fixing of these features results in generation of further features improvements. In this paper, we have proposed a mathematical model to embody the OSS development based on the rate at which IMPs are generated as a result of fixing of features (NFs and IMPs). We have validated the model for datasets of five products, namely Avro, Pig, Hive, jUDDI and Whirr of Apache open source project. Results show that the model exhibit significant goodness of fit in terms of MSE (Mean Square Error), Bias, Variation, RMSPE (Root Mean Square Prediction Error) and R^2 performance measures.

Keywords

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Quantitative Quality Assessment of Open Source Software by Considering New Features and Feature Improvements

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Abstract. Open Source Software (OSS) evolves through active participation of users in terms of requesting for features, i.e. new features (NFs) and improvements in existing features (IMPs). Fixing of these features results in generation of further features improvements. In this paper, we have proposed a mathematical model to embody the OSS development based on the rate at which IMPs are generated as a result of fixing of features (NFs and IMPs). We have validated the model for datasets of five products, namely Avro, Pig, Hive, JUDDI and Whirr of Apache open source project. Results show that the model exhibit significant goodness of fit in terms of MSE (Mean Square Error), Bias, Variation, RMSPE (Root Mean Square Prediction Error) and R^2 performance measures.

1 Introduction

In OSS development paradigm active users/developers are located at different geographical locations and these users are requesting for NFs and IMPs to be introduced in the software. The main constituent for OSS evolution is fixing of these features by the active users. These active users may be the same who have requested for features introduction or may be different who have an interest in the development of the software. Developers review and modify the source code to introduce new features and incorporate improvements in the existing features. Fixing of these features may generate further feature improvements.

In the line of OSS development paradigm proposed in [1], we have extended it by adding requests for features, namely NFs and IMPs. Figure 1 shows that fixing of different features (NFs and IMPs) may result in further IMPs. IMPs are necessary to be incorporated so that the performance and software quality can be improved. This results in various releases of the software. In this paper, we have proposed a mathematical model by considering the rate of generation of feature improvements from fixing of

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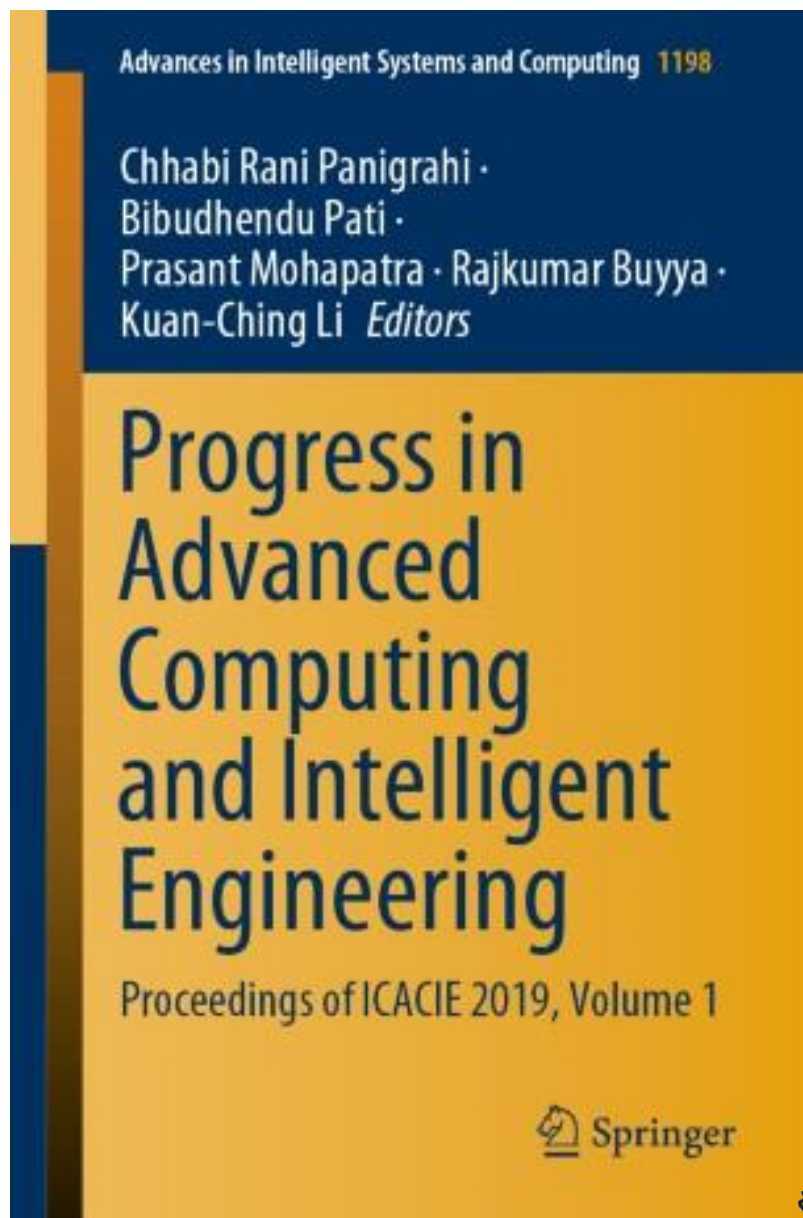
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The probability distribution of a system can be adaptively derived using the maximum entropy principle subject to its information set in terms of probabilistic moments. The obtained probability distribution characterizes the wide range of exponential family of distributions when one maximizes Shannon entropy. On maximizing Tsallis entropy with non-

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Conference paper
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Abstract

A complex issue in handling systems with continually changing processing demands is an intractable task. A more current example of these systems can be observed in wireless sensor networks and traffic-intensive IoT networks. Thus, an adaptive framework is desired which can handle the load and can also assist in enhancing the performance of the system. In this paper, our objective is to provide the non-stationary solution of Erlang loss system and discuss

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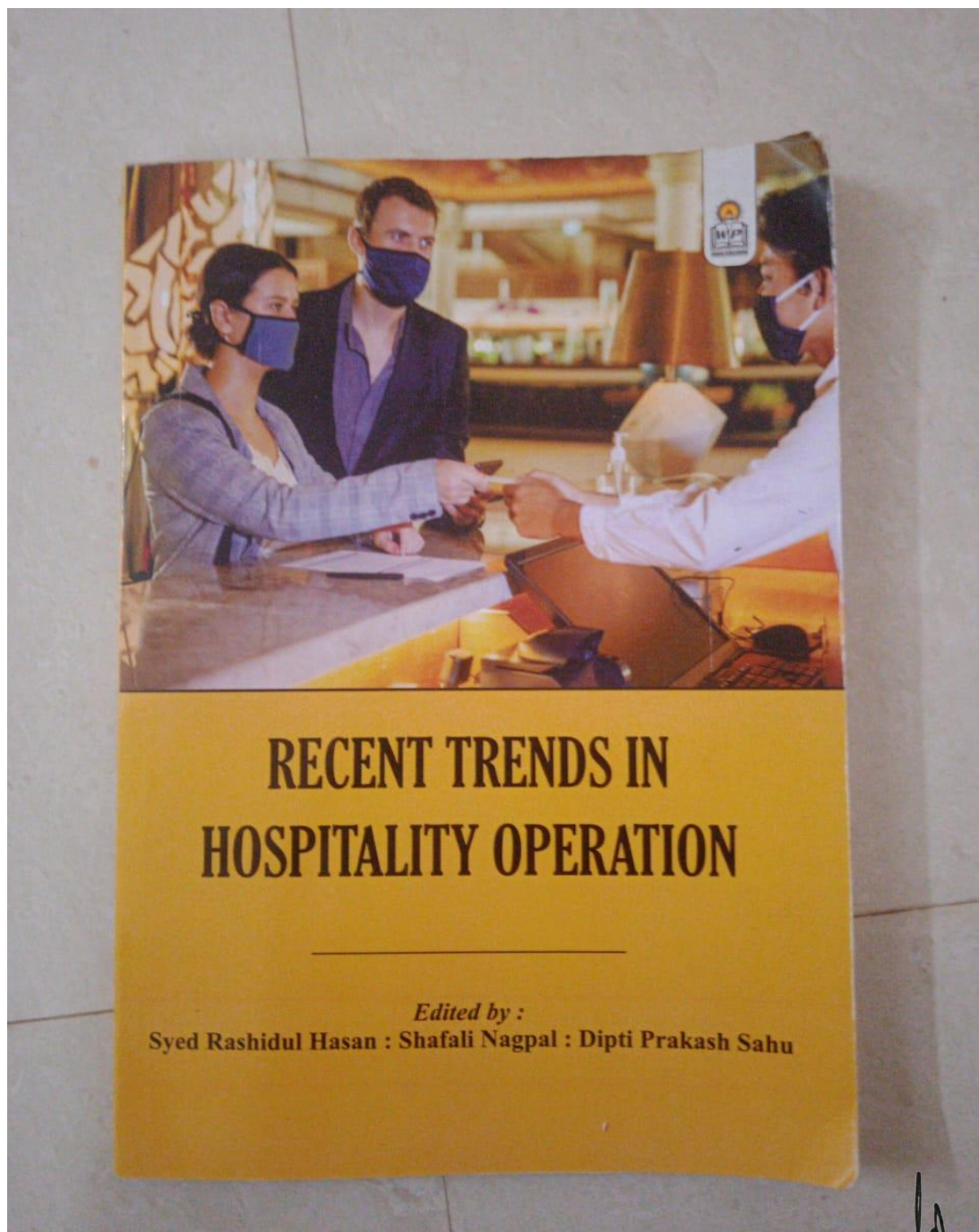
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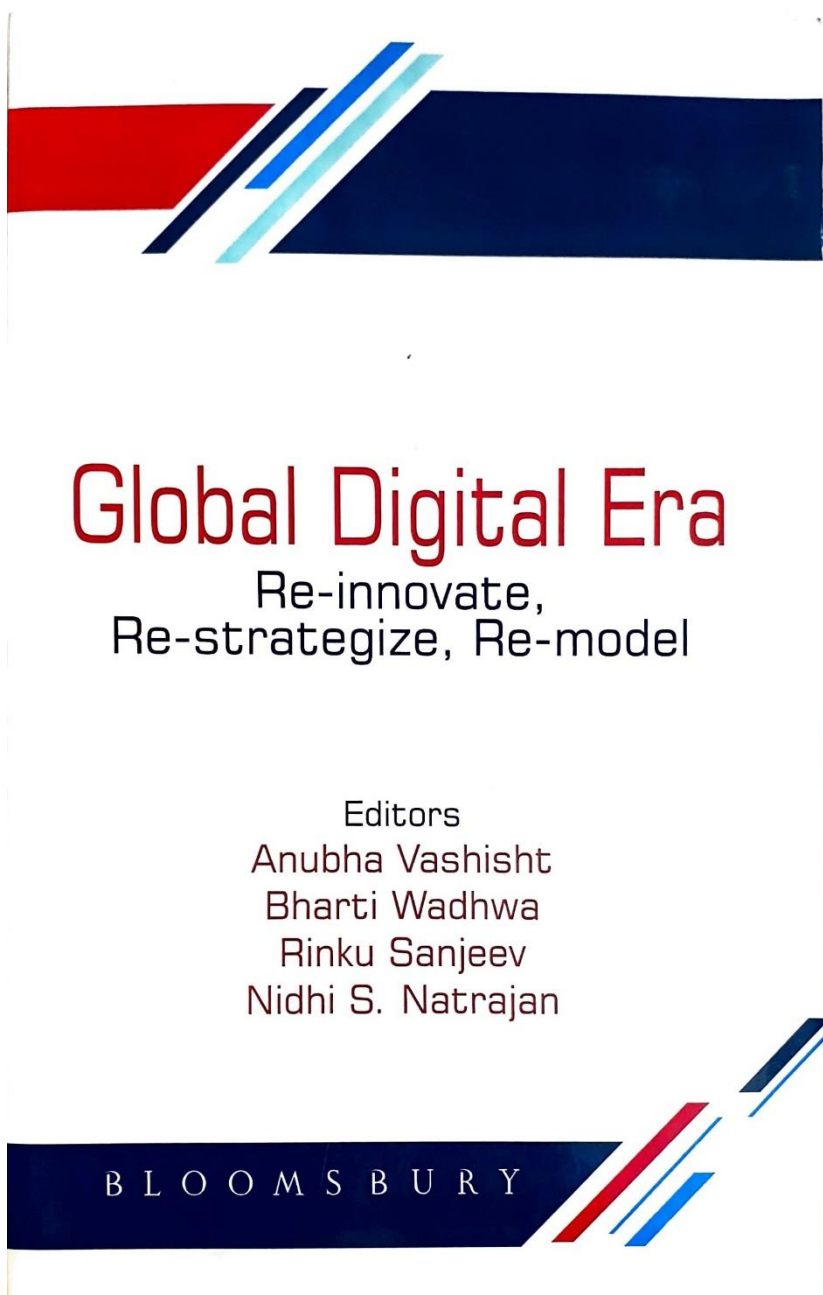
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Women and the Space of Social Entrepreneurship

Dr. Kanwal Anil¹, Dr. Anil Misra² and Ruchika Bal³

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² Management Development Institute, Gurugram

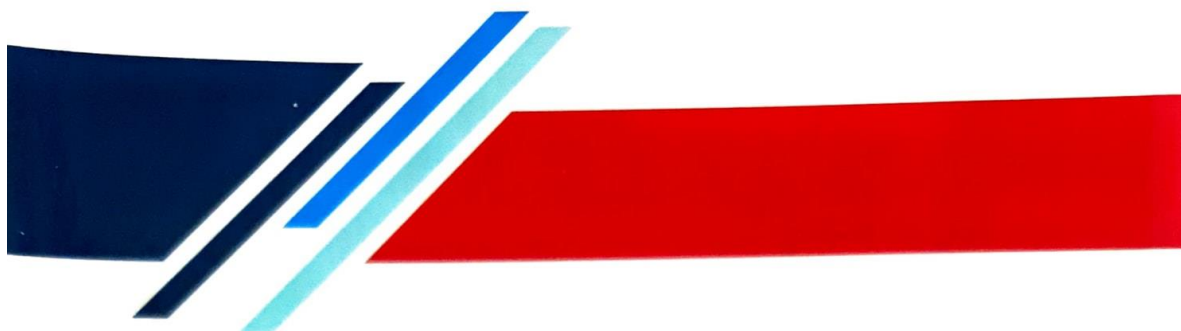
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PURPOSE

The role of women is changing with the changes in the societal thinking thereby giving a boost to women entrepreneurial talent around the globe. In all walks of life today no work is complete without the involvement of women in their fulfilment. The present research focuses on the role of women social entrepreneurs in shaping the society they exist in, thereby making the world a better place to live in. It discusses the ideologies of various women social entrepreneurs as they proceed on a unique business path with a vision to make a far reaching social impact as well as creating business opportunities for themselves and others. As women are taking a step forward it is necessary for the government also to provide a helping hand because welfare of the state is the ultimate aim of the government and welfare of the state cannot be achieved without embracing equality towards men and women be it opportunity wise or be it provision of benefits and welfare wise. Government of India has realised the same and taken up various policy initiatives that would help in the holistic growth of the country's entrepreneurial talent. The research seeks to highlight these initiatives in detail and thereby strives to generate awareness of how the impossible can be made possible if taken up in the right spirit and if women are provided relevant and timely assistance to realise their dreams of entrepreneurial ventures and nurture the fire in the bellies of this unique contingent of change agents.

INTRODUCTION

Entrepreneurship is an area of research that has been of immense interest to researchers, academicians and policy makers. Entrepreneurship, according to Onuoha (2007), 'is the practice of starting new organizations or revitalizing mature organizations, particularly new businesses generally in response to identified opportunities.' Schumpeter (1965) defined 'entrepreneurs as individuals who exploit market opportunity through technical and/or organizational innovation'. For Frank H. Knight (1921) and Peter Drucker (1970) 'entrepreneurship is about taking risk'.



Global Digital Era

Re-innovate, Re-strategize, Re-model

The business transformations in all the arenas of the digital world holds the promise of not only improving the productivity, performance by enabling innovation and reducing the costs of a range of business processes but also attaining sustainability. At the same time the rapid rise of digital technologies adds challenges to the growth of the economy, sparking a lively debate about the potential for digital technologies to boost productivity. Growing with technology should also be added with the societal aspect. These are the pillars which go hand in hand contributing to the overall growth.

Realizing the importance of these dimensions, it becomes necessary to gain insights on the ongoing digitization of business practices as a research issue and provide a platform to share acquired knowledge for continuing the journey towards sustainable and economic development.

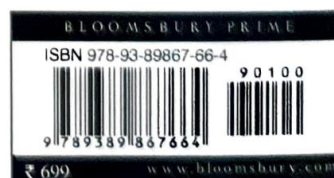
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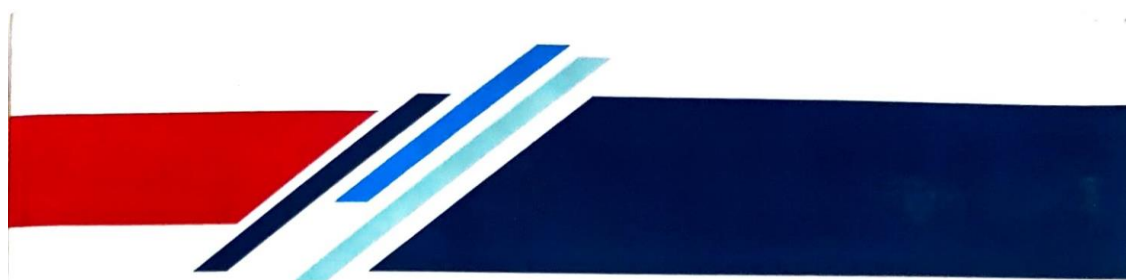
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Global Digital Era

Re-innovate,
Re-strategize, Re-model

Editors
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Bharti Wadhwa
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Impact of Microfinance on Socio-economic Status of Women Entrepreneurs in Developing Countries

Ruchika Bal¹ and Dr. Kanwal Anil²

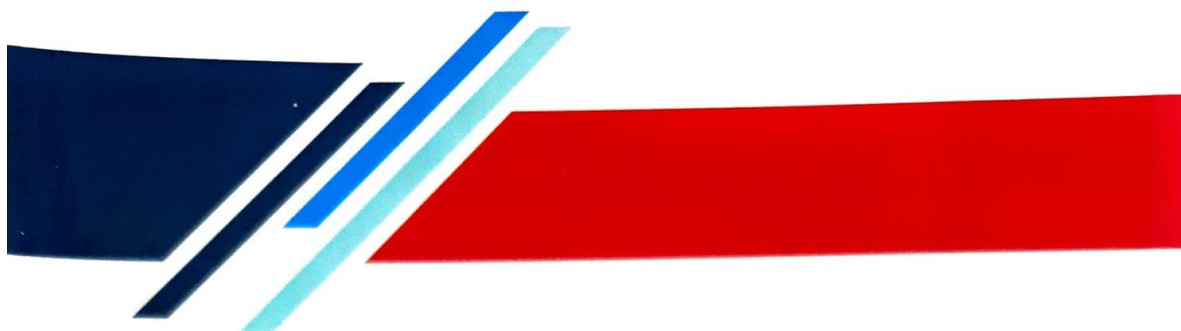
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PURPOSE/ INTRODUCTION

The purpose of this study is to examine the effect of microfinance on socio-economic status of women entrepreneurs. Socio-economic status is concerned with social behaviour affected and shaped under economic paradigm. It can be attributed to the attitude, feeling of self-esteem, self-independence, empowerment, confidence, satisfaction, etc. Various economic and socio-cultural constraints make it difficult for women entrepreneurs to raise funds from the market. It is in these conditions does micro finance appear to be more crucial for women entrepreneurs. The effect of microfinance on women's socio-economic status is a significant piece of study that should be referred as vital for holistic growth of the country as it holds positive impact on the economic development especially for developing countries, despite of the cultural diversity across these countries, as inferred from the review and analysis. It also aims at highlighting parameters that are responsible for the positive or negative sentiments of microfinance in respect of socio-economic status. This study is based on the analysis of literature in context of developing countries, published in 21st century.

Entrepreneurship starts with identifying the problem often considered as gap in the society in meeting its needs, which could be either in the form of demand supply gap, or any opportunity or challenge that has not been taken up to provide solution, or any existing product that needs improvisation. Entrepreneurs have transformed the world around as they provide novel and creative ideas to solve the problems and challenges people face in their lives. The onset of entrepreneurship ensures the presence of creativity or innovation. It is the application of creativity and innovation that gives successful solutions to challenges and opportunities emerging out in the society (Dees, 1998). Creativity is referred as the capability to trace, identify and develop new ideas to meet problems. Innovation is the act of applying creative solutions to those problems. Thus, entrepreneurship is often considered as problem-solving as it offers creative and innovative solution to the problem (Austin, Stevenson, & Wei-Skillern, 2006) and derives social and economic value (Mair & Marti, 2006).



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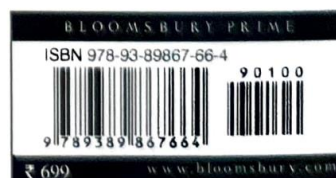
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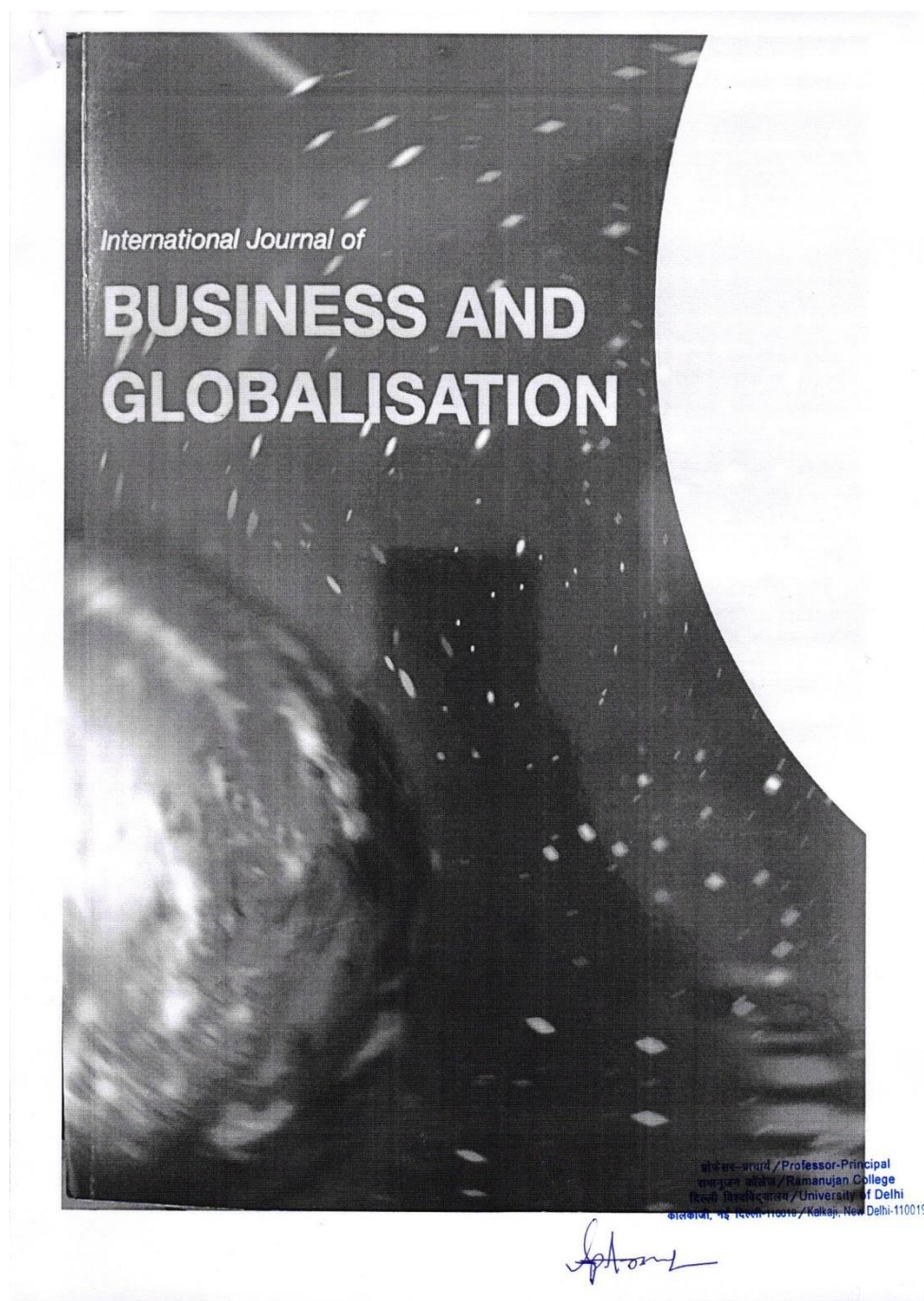
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LEADERSHIP IN ORGANISATIONS: CONTEMPORARY CONCERNS AND KEY DEVELOPMENTS

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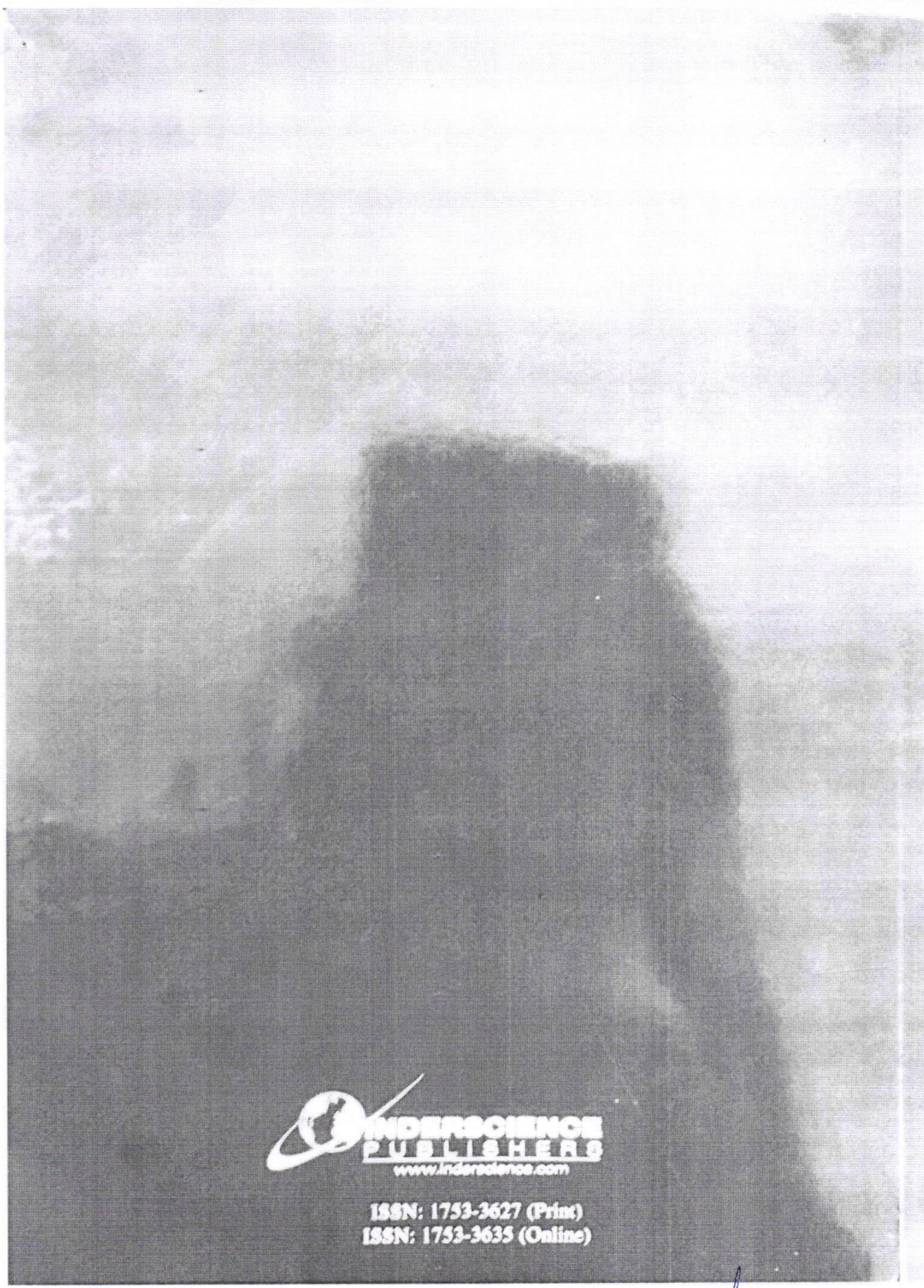
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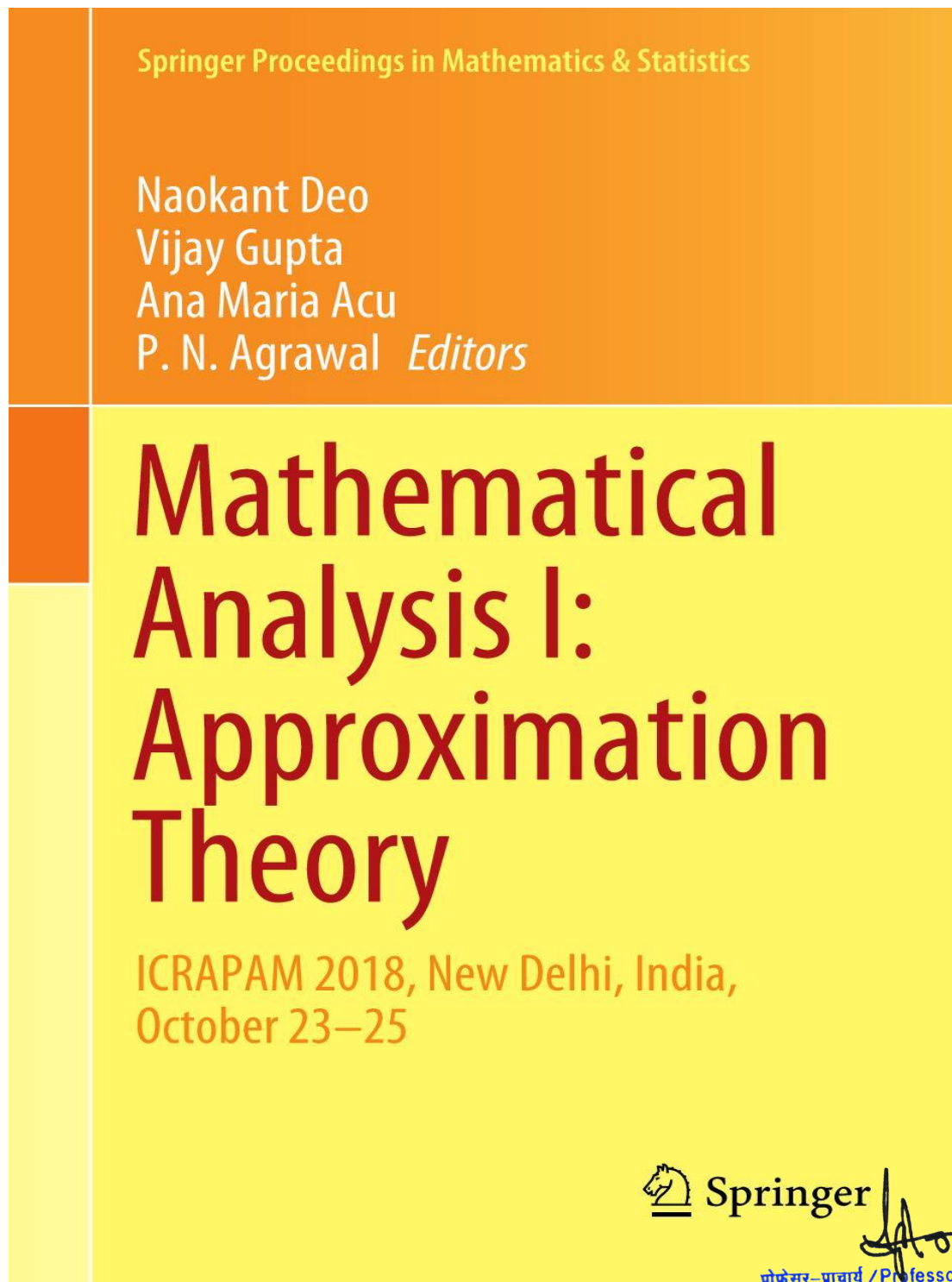


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Third Hankel Determinant for Certain Classes of Analytic Functions



Virendra Kumar, Sushil Kumar and V. Ravichandran

Abstract There exists a rich literature on the Hankel determinants in the field of geometric function theory. Particularly, it is not easy to find out the sharp bound on the third Hankel determinant as compared to calculate the sharp bound on the second Hankel determinant. The present paper is an attempt to improve certain existing bound on the third Hankel determinant for some classes of analytic functions by using the concept of subordination.

Keywords Analytic functions · Hankel determinant · Starlike functions w.r.t. symmetric points

2010 Mathematics Subject Classification 30C45 · 30C80 · 30C50

1 Introduction

The class \mathcal{S} consists of univalent analytic functions f defined on the unit disk $\mathbb{D} := \{z \in \mathbb{C} : |z| < 1\}$ normalized by the conditions $f(0) = 0$ and $f'(0) = 1$. The subclasses starlike and convex functions of \mathcal{S} are denoted by \mathcal{S}^* and \mathcal{K} , respectively. Analytically, these classes are defined by $\mathcal{S}^* := \{f \in \mathcal{S} : \operatorname{Re}(zf'(z)/f(z)) > 0, z \in \mathbb{D}\}$ and $\mathcal{K} := \{f \in \mathcal{S} : \operatorname{Re}(1 + (zf''(z)/f'(z))) > 0, z \in \mathbb{D}\}$. Let \mathcal{S}_s^* denote the class of starlike univalent functions with respect to symmetric points, introduced and

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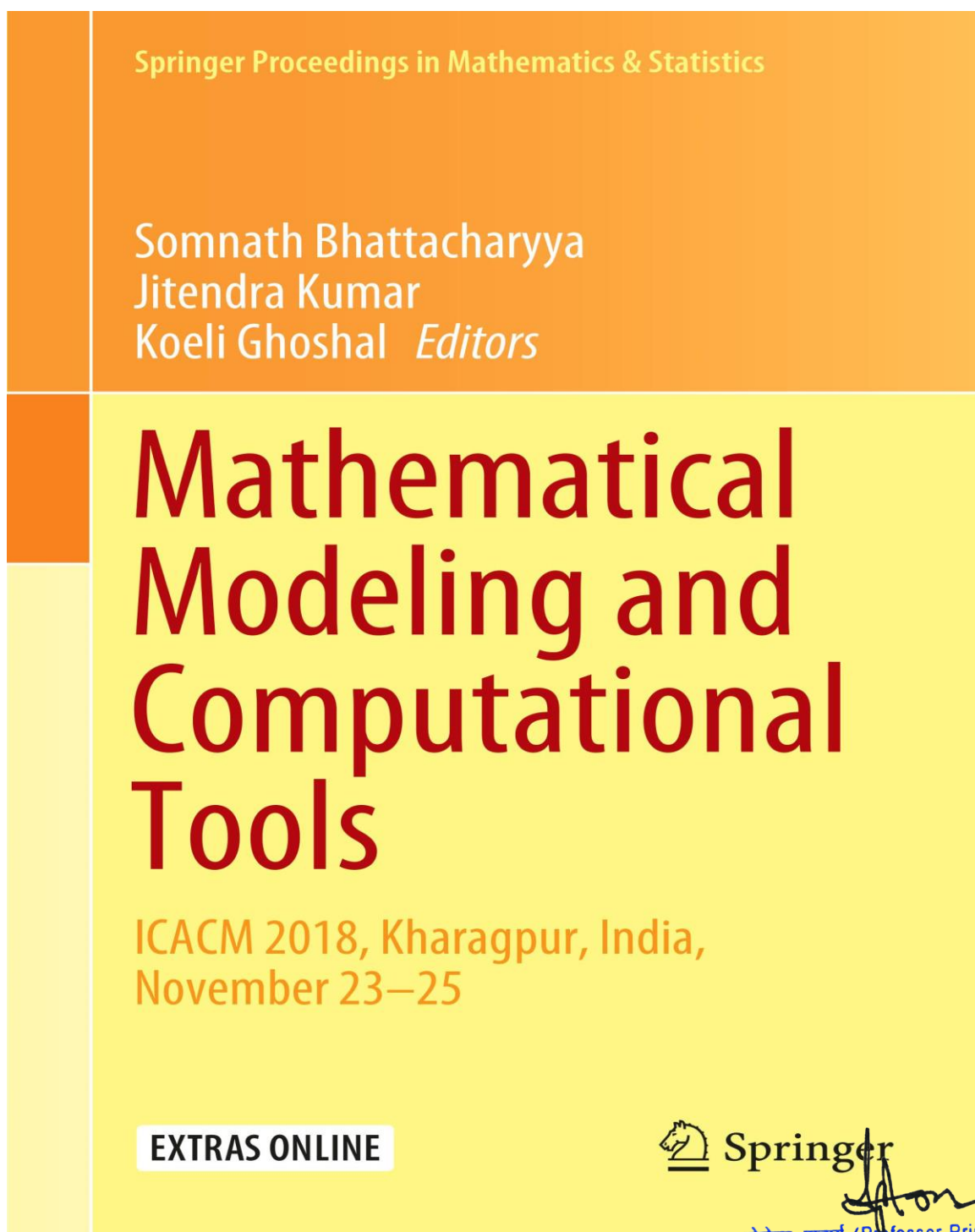
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Optimal Investment Decision Model Based on Simplex Algorithm with Variable Optimal Value Evaluation Process



Sanyam Gupta and L. N. Das

Abstract An investment is the current commitment of money or other resources with the expectation of reaping future benefits [1]. Also, investment is a long-term planning at least one year, with low or moderate risks having low or moderate of return. In case planning is short term (few days or months), risk is high with high rates of return. Investment decisions are influenced by hearsay, market psychology and resort to borrowed funds. Market psychology depends on investment analytic descriptions or abstract terms such as purpose, time risks, tools, financial data monitor and adjustment. Each financial product or investment program has rules restrictions, time commitment and cost associate with it. Establishing a time frame for each purpose or goal allows us to make better choices about the tools we use to achieve the purpose. In this paper, the introduction describes a brief literature defining investment decision support technical terms such as expected return or risks, portfolio and steps in decision process of investment analysis. In the second section, we discuss types of investment and investment calculation attributes. The third section contains the formulation of a constrained linear programming modeled investment problem and calculates the optimal decision variable values using simplex algorithm solver MATLAB [2] and TORA [3] tools. In the fourth section, we discuss the application of binary integer program to decide optimum profitable investment projects from a set of listed investment project outcome values.

Keywords Simplex algorithm · Binary integer program · Linear programming

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MOTHERS, SEX, AND SEXUALITY

Edited by Holly Zwalf, Michelle Walks,
and Joani Mortenson



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The Sexuality of Mothers in Hindu Life: Myths of Empowerment within Enslavement

Zairunisha

“Prāsamsanti bhāryāṃ gatayauvanām”
 (“People praise a wife who is past her youth”)

—*Mahābhārata* 5.35.59

Sexual desire is a natural instinct among human beings; however, in Hinduism sex is viewed not as instinctual but rather as spiritual—a sacred act of procreation. In Hindu texts, the Sanskrit word “kama” is generally used to signify desire, pleasure, and love; it is a “science of sensuality” that denotes all kinds of sensual desires, emotional attractions, and aesthetics (Doniger and Kakar 63). The classic text *Kamasutra* defines “kama” as a spiritual act of procreation that maintains the rhythm of the cosmos by amalgamating masculine and feminine sexuality (Thakur). In Hindu culture, the sexuality of a woman as mother is a sacred subject of great reverence. The mother is regarded as an embodiment of the goddess Shakti, who signifies a universal feminine power of procreation and preservation of cosmic order, as well as the destruction of demons and of the universe, in preparation for creation and new beginnings. Hindu society venerates Shakti as the divine mother goddess and as a consort of the male god

Mothers, Sex, and Sexuality

Edited by Holly Zwalf, Michelle Walks, and Joani Mortenson

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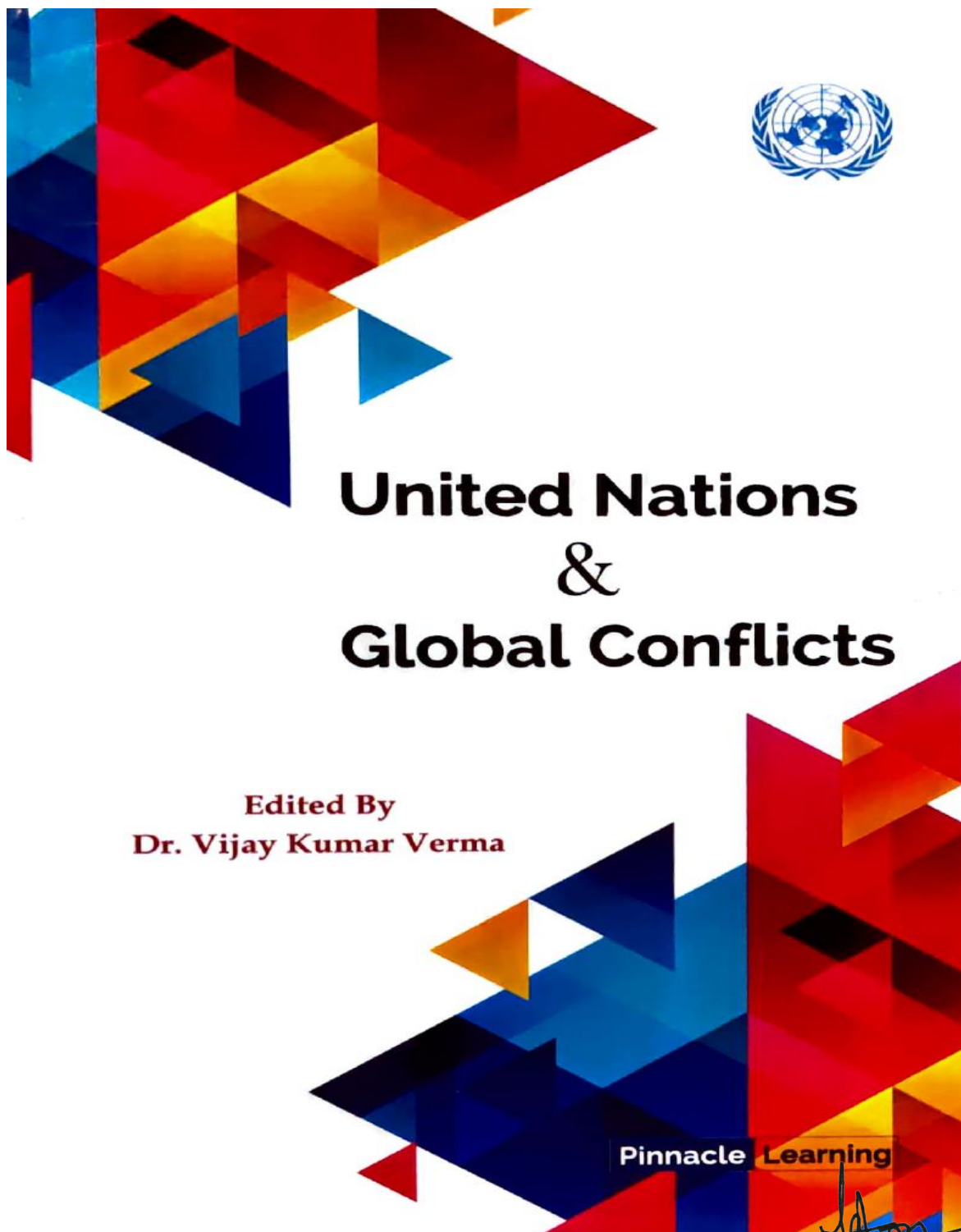
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Historical Overview of United Nations

Avneet Kaur

1

Chapter

Introduction

The name "United Nations" was coined by United States President Franklin D. Roosevelt was first used in the Declaration by United Nations of 1 January 1942, during the Second World War, when representatives of 26 nations pledged their Governments to continue fighting together against the Axis Powers. In 1945, representatives of 50 countries met in San Francisco at the United Nations Conference on International Organization to draw up the United Nations Charter. Those delegates deliberated on the basis of proposals worked out by the representatives of China, the Soviet Union, the United Kingdom and the United States at Dumbarton Oaks, United States in August-October 1944. The Charter was signed on 26 June 1945 by the representatives of the 50 countries. Poland, which was not represented at the Conference, signed it later and became one of the original 51 Member States. The United Nations officially came into existence on 24 October 1945, when the Charter had been ratified by China, France, the Soviet Union, the United Kingdom, United States and by a majority of other signatories. United Nations Day is celebrated on 24 October each year.

Historical Base

The founders of the United Nations had history to draw upon for their plan. Nations had come together at various times to respond to crises, but the concept of an ongoing global organization was still considered experimental. The United Nations, as an intergovernmental organization, is based on the unit of the State, which in itself had not evolved until well into the 17th century, historically recorded by an agreement reached among several European nations at the Treaty of Westphalia which ended the

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Introduction

The International Court of Justice (ICJ) is one of the main organs of the United Nations Organization (UN). It was established by the Charter of the UN, signed in San Francisco on 26 June 1945¹ and, hence, is the constitutive text of the ICJ. The provision of the ICJ is included in Article 7(1), Article 36 (3) and Articles 92-96 Chapter (XIV) of the Charter. The Statute of the ICJ² is annexed to the Charter of the UN, forming an integral part of the UN.

The ICJ was established in June 1945 to replace the Permanent Court of International Justice (PCIJ) and assumed its function of handing down legal judgements from April 1946. The Statute of the ICJ closely resembles that of its predecessor. Also called the "World Court", the ICJ is the principal judicial organ of the UN. The ICJ headquarter is located at the Peace Palace in The Hague, Netherlands. The Court is the only Principal Organization of the UN to be located outside New York (United States of America)³.

In order to further supplement the Statute, Article 30 (1) of the Statute of the ICJ lays down that, "The ICJ shall frame rules for carrying out its functions". These Rules make detailed provisions for the manner in which to comply with the general rules laid down in the Statute. The Rules of the ICJ were adopted on 14 April 1978 and entered into force on 1 July 1978⁴. The ICJ has also adopted the first Practice Directions (I to VI) on 31 October 2001 for use of States appearing before it⁵. Subsequent amendments to the Practice Directions have been adopted, which are posted on the official Website of the ICJ and published in its Yearbook. Practice Directions are not intended to alter the Rules of the ICJ, but are additional to them. They reflect the ICJ's ongoing review of its working methods.

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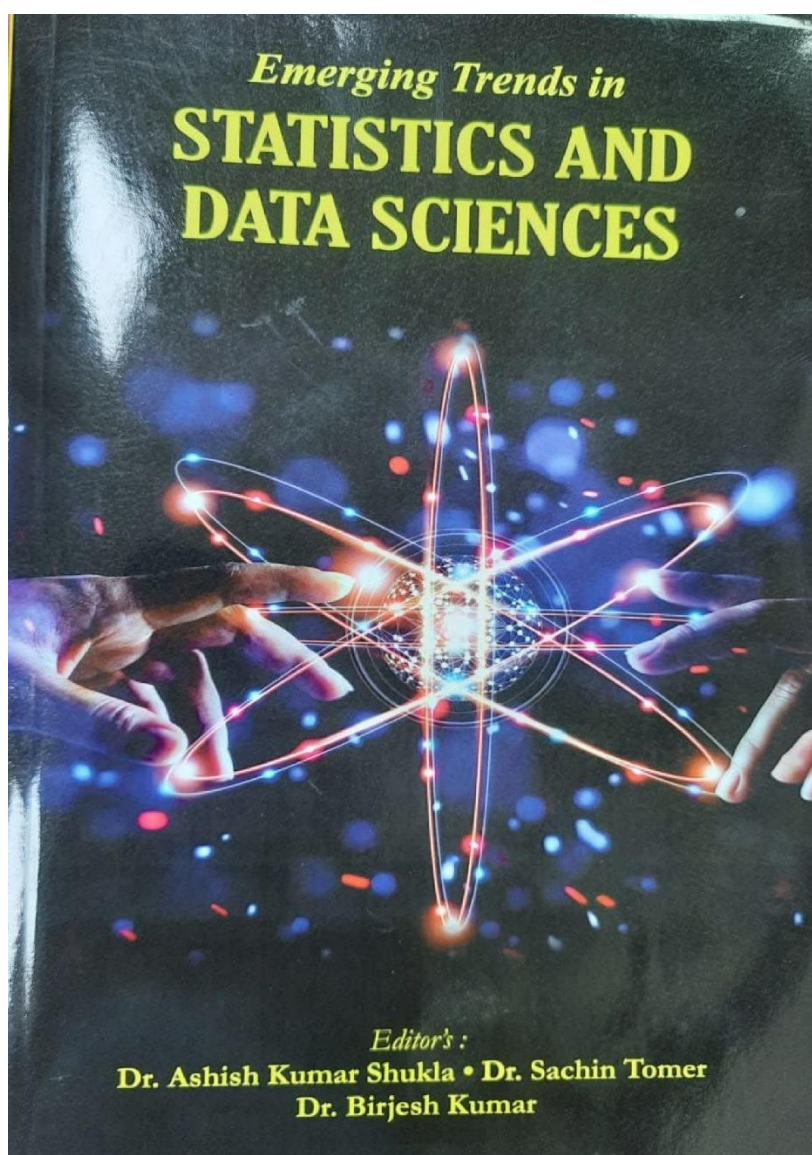
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Goodness of Fit to The Real Data Set Using Classical Inference

Sachin Tomer¹, Ashok Kumar², Ashish Kumar Shukla^{3*}, and Birjesh Kumar⁴

Abstract

In this paper, the estimation of unknown parameters has been done using a real data set for Exponentiated Lomax distribution. Maximum likelihood and Bayesian methods are used to estimate the unknown parameters. The Markov chain Monte Carlo (MCMC) methods are used to accomplish some complex calculations. Comparisons are made between maximum likelihood and Bayesian estimators. The flexibility of the exponentiated Lomax distribution is illustrated with an application to a real data set and a comparison is also made among the fitting of various distribution using the real data set under classical inference.

Key words: Maximum likelihood estimate, Akaike information criterion, Bayes estimate Bayesian information criterion and Anderson darling statistic.

1. Introduction

The Lomax distribution was originally proposed by Lomax [13]. The Lomax distribution, also called "Pareto type II distribution", is a particular case of the generalized Pareto distribution (GPD). This distribution has been used in the literature in a number of ways. For example, it has been extensively used for reliability modeling and life testing; see e.g. Balkema and de Haan [3]. It also has been used as an alternative to the exponential distribution when the data are heavy tailed; see Bryson [4]. For a Bayesian point of view, this distribution has been used by many authors. For example, Arnold et al. [2] presented Bayesian analysis for classical distributions using conditionally specified priors for Lomax Distribution. El-Din et al. [6] obtained the empirical Bayes estimators of reliability performances using progressive type-II censoring from Lomax model. Howlader and Hossain [9] presented Bayesian estimation of the survival function of the Lomax distribution.

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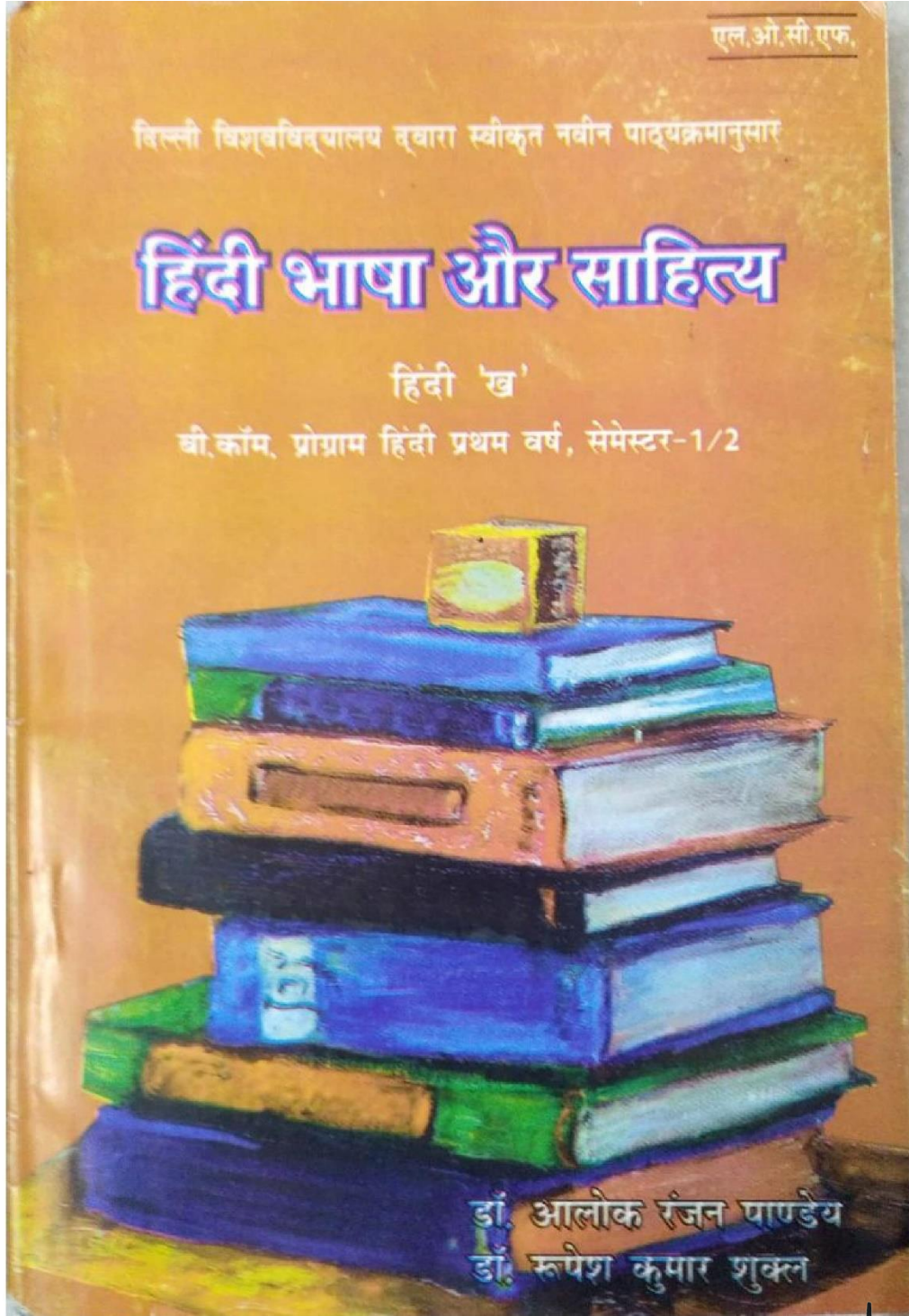
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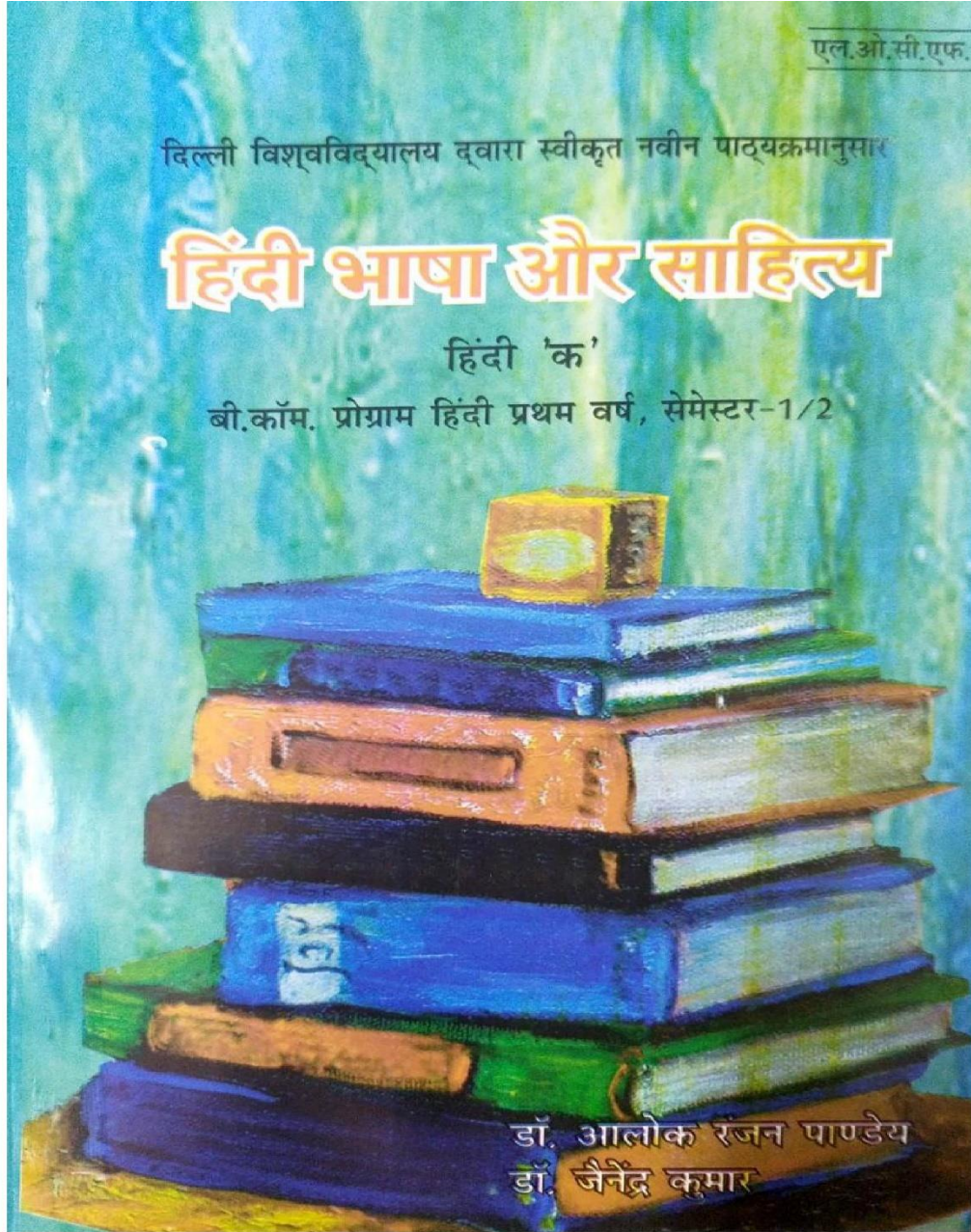
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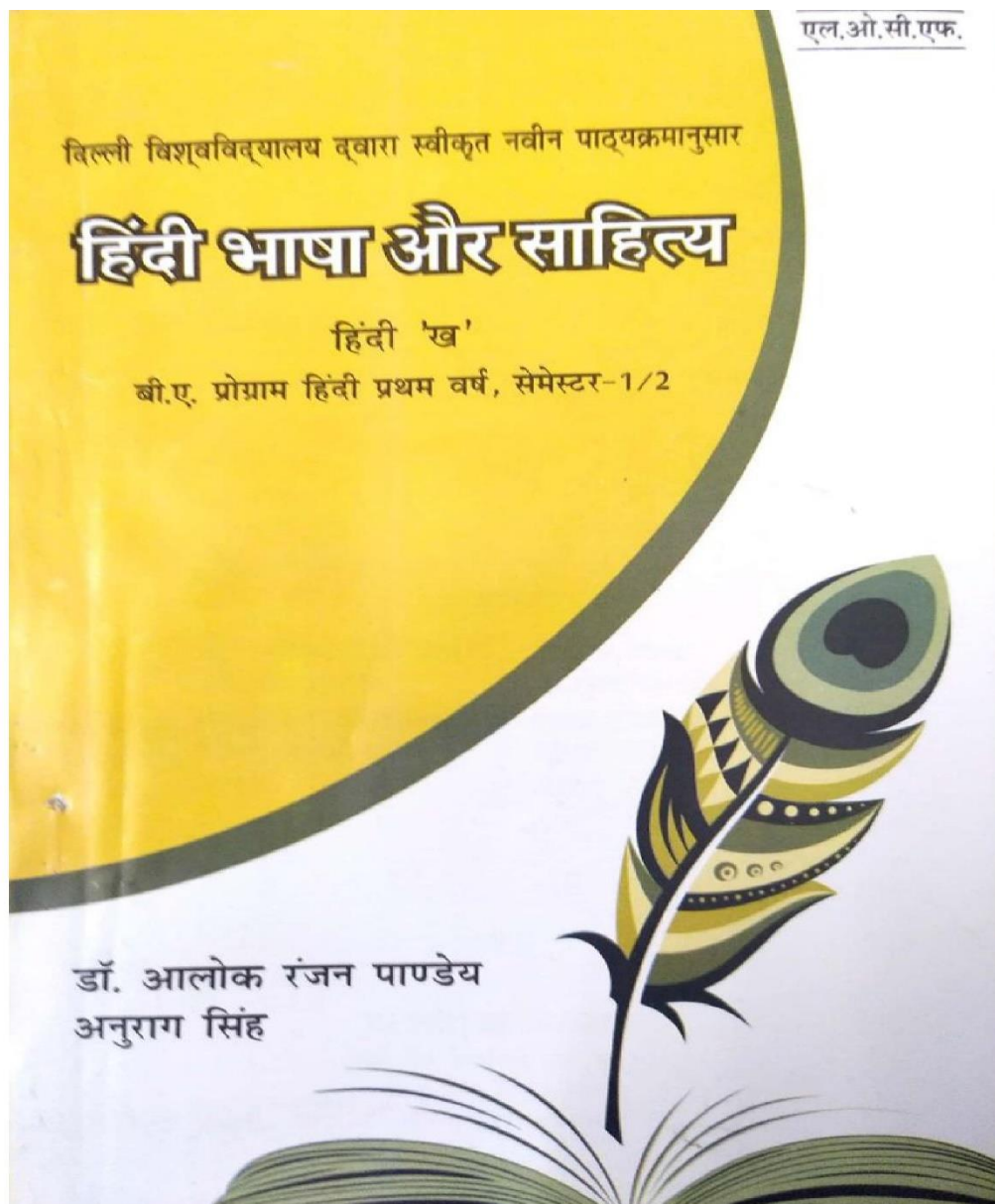
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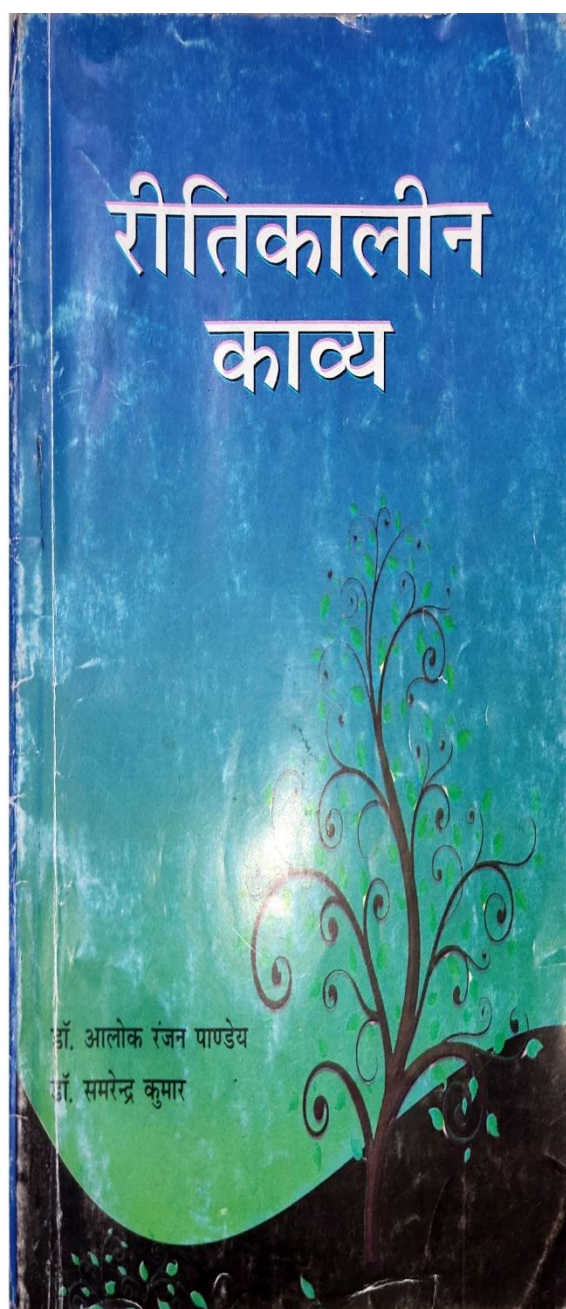
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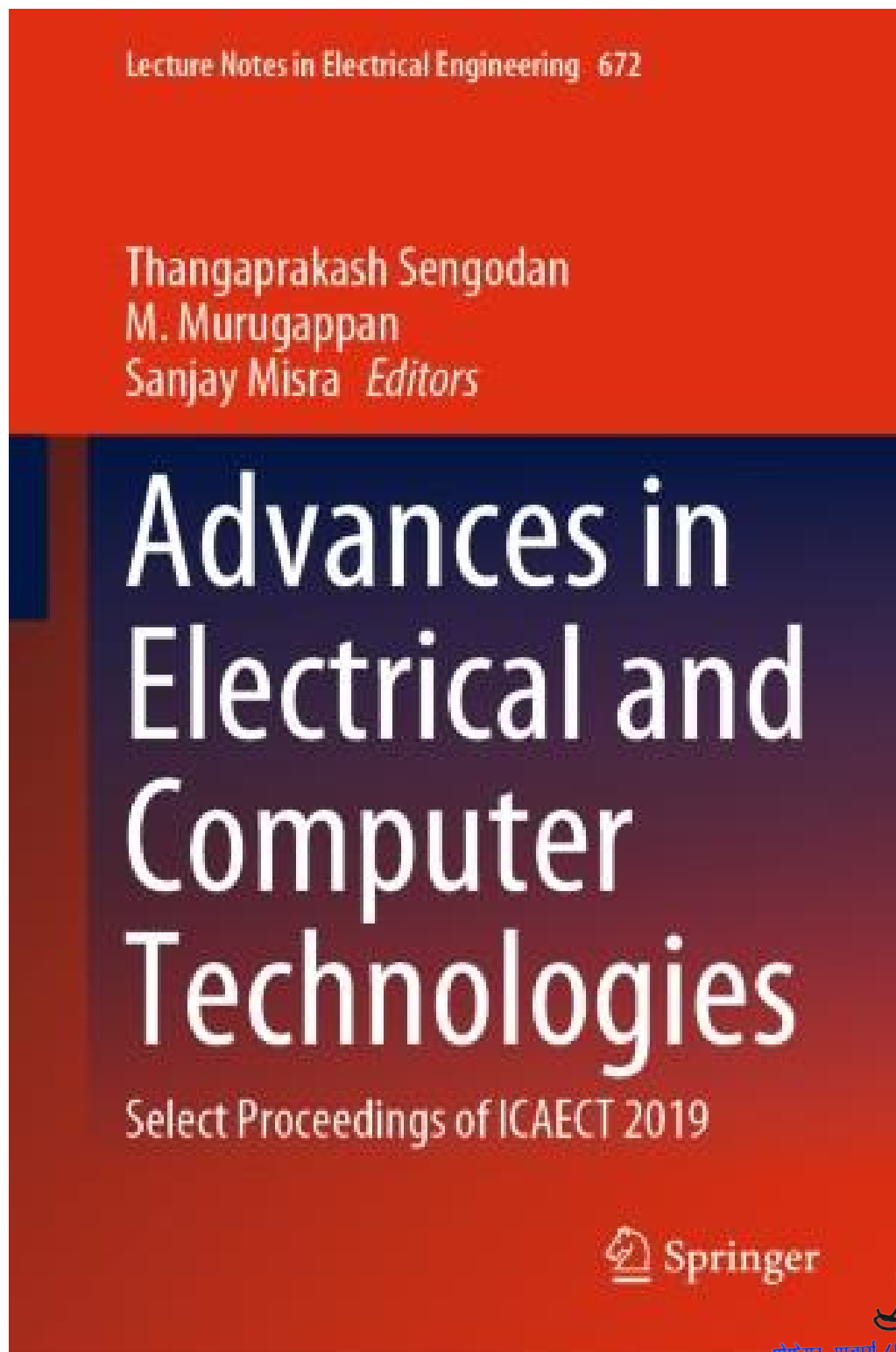
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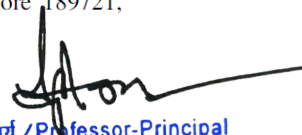
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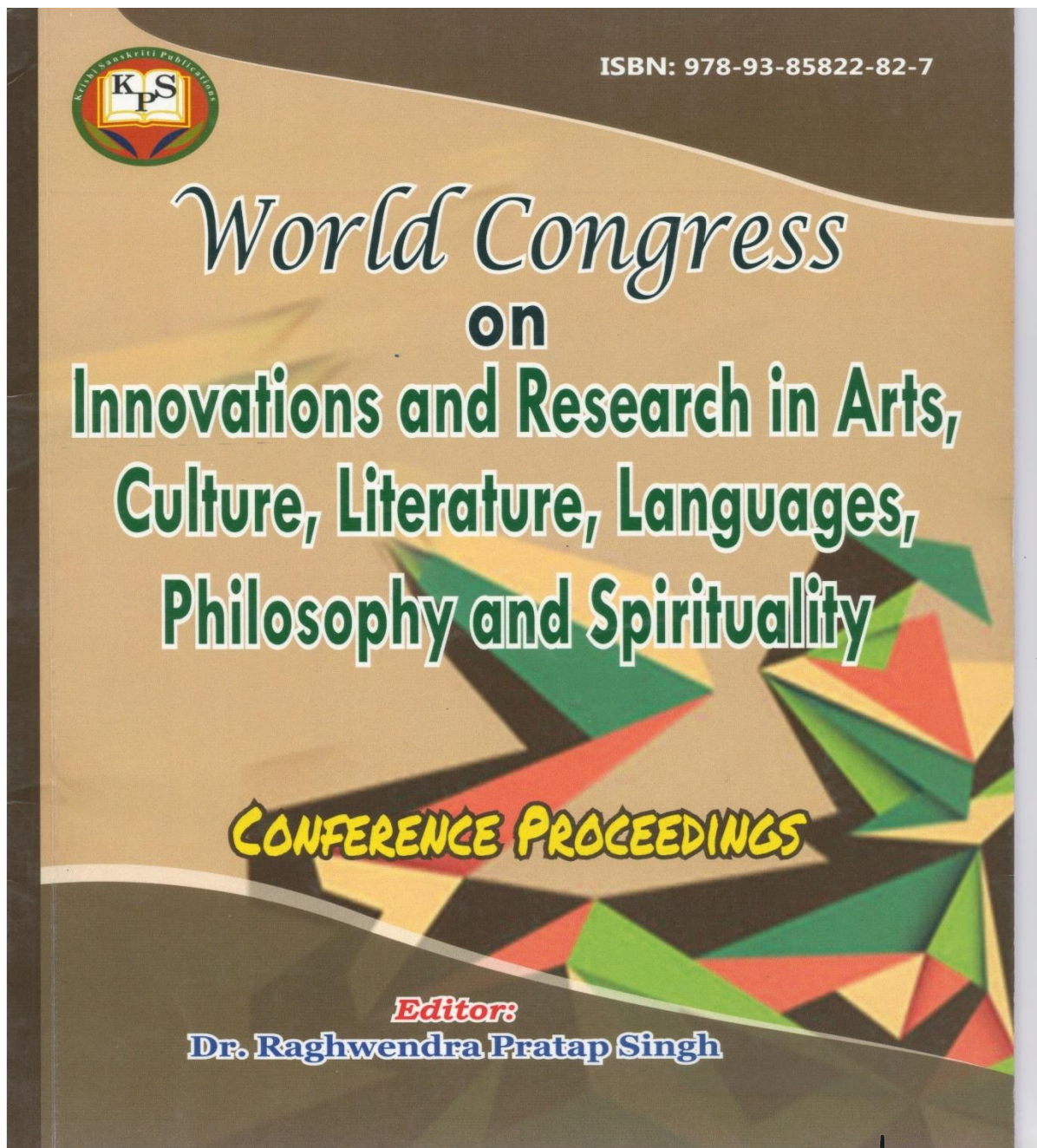
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Aristotle's Theory of Justice: Revisited

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Abstract—The concept of justice has been a ceaseless issue from its conception to the present day. Despite being enormously debated from ancient time, the common agreement on what justice means or what it constitutes still remains debatable. As a consequence, the ideal of justice remains the most significant issue in Moral as well as Political Philosophy. This is because of the paradoxical or relative nature of justice. For instance, what justice may be according to one may differ from others' point of view. For Socrates justice is minding one's own business. And his disciple Plato defines justice as, a principle of non-interference in supplying duties, and demands a functional specialization in an individual as well as in the society. When it comes to Aristotle, he says that treating equals equally and un-equals unequally but in proportion to their relevant differences. Aristotle justice meant for the goodness as well as willingness to act in accordance with the laws for insuring the highest good of the society. Antecedently, he says that justice is a master imperative for good human relationships and co-existence. For instance, Plato gives more importance to the duties, while Aristotle's justice attaches more to the system of rights. In this paper an attempt has been made by me to revisit Aristotle's theory of justice to find out possible dimensions of justice through which unity, harmony, virtue and happiness can be attained to the fullest in a nation and how the concept of justice as a methodological relativism is better and fair than every other conception of justice that answers to man's quest for a global social order required for human flourishing irrespective of material criteria.

Keywords: Justice, equality, liberty, distributive justice, rectificatory justice.

1. INTRODUCTION

The concept of justice has been one the most important issue from its early history to the present day. With the popularity of democratic system of governance, it has occupied a significant role in all the possible arena of material as well as non-material spheres of life. Traditionally, justice is often considered as to deal with the socio-economical, moral and political dynamics at human level so far. The significant rudiment of such one-sided approach is that all the incidents and affairs are developed and determined by keeping the human into the centre. Antecedently, Ethics, Politics, Sociology, Economics and Psychology and other subjects

were not only developed and designed by the humans but also they all possible faculties of universe, have been considered as a means to fulfilling and benefitting of wholly and solely for the humans at large. In the two main branches of studying humanities and social sciences, this kind of approach is commonly known as the anthropocentric approach in behaviors.¹ Contrary to it, there are other ideologies such as Eco-centrism, Cosmo-centric and Bio-centrism which appeals to think beyond human interest. For this reason, the role of justice is not changed which is not restricted to the human level only but rather it is extended apart from human to all other creatures that may be of living or non-living of whole cosmos.²

Thus, there is gap between the mindset and ideology of ancient times and modern time. In ancient time's human being were the prime mover and end-in-itself for making and serving the pertinent values and norms in the respective socio-economic, geographical and historical backgrounds of the respective entity. But, in modern times, it has not only been questionable but also broadly at the edge of denial that human beings are the integrated part of the whole universe or cosmos but apart from the human beings all other creatures such as animal, plants and non-living entities are as much significant as the human beings are. That led to inclusive kind of thinking that the all the biotic and a-biotic entities along with the human being, not only important but they are playing an decisive role in determining the values and norms of the whole cosmos. The revolutionary transmission that brought into one, the existing two not only distinguishable but rather the two poles apart approaches and the concept of justice was the deep rooted cause of the transition. For this reason, to show this transition in a concrete manner, in the present research paper, Aristotle's theory of justice has picked up from the ancient

¹ Brennan, Andrew and Lo, Yeuk-Sze, "Environmental Ethics", *The Stanford Encyclopedia of Philosophy* (Winter 2016 Edition), Edward N. Zalta (ed.), URL = <<https://plato.stanford.edu/archives/win2016/entries/ethics-environmental/>>

² *Ibid.*

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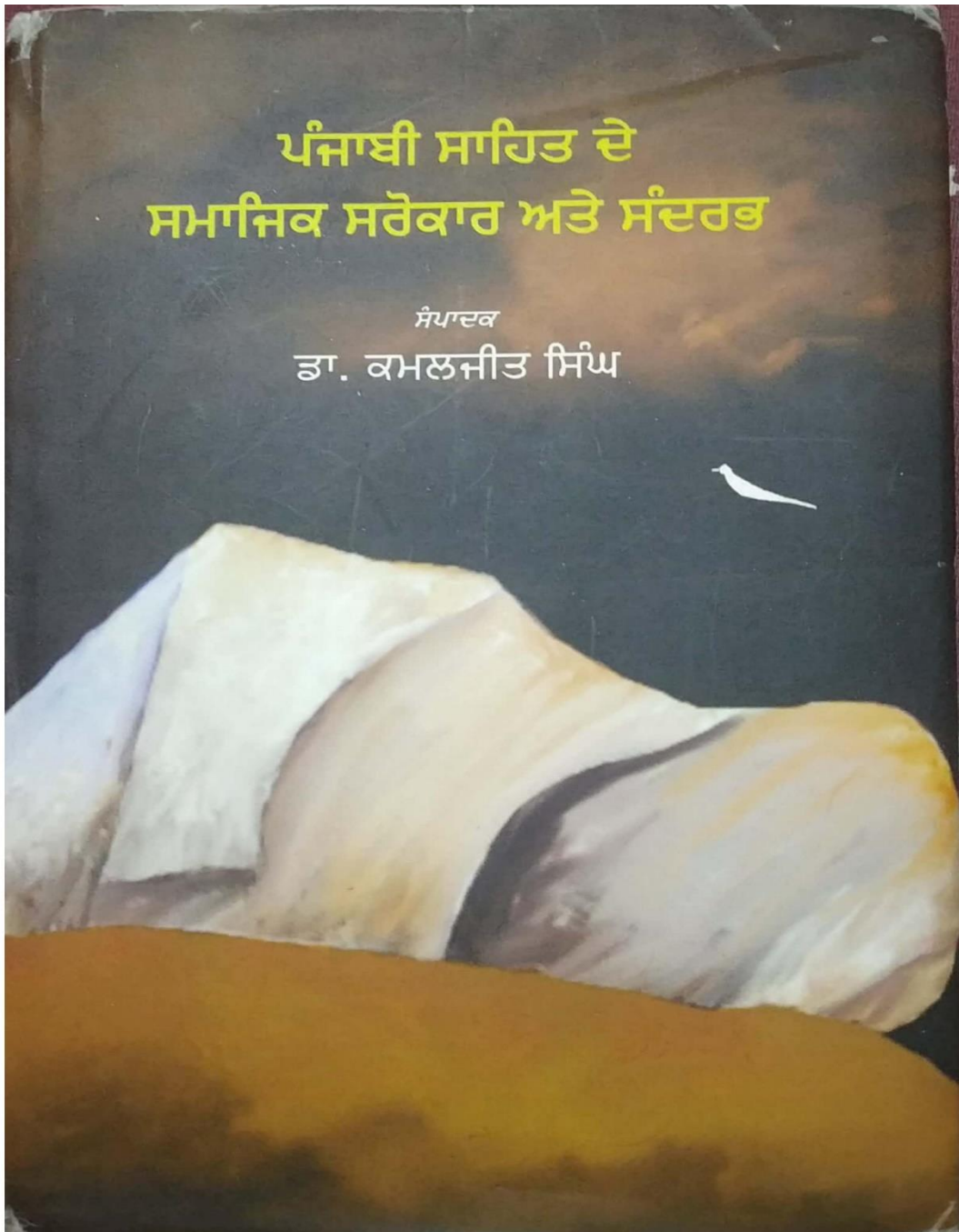
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Samajik Sarokar Ate Sandharbh**

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ਸਿਮਰਨ ਸੇਠੀ

ਸੱਤਯਮ, ਸ਼ਿਵਮ, ਸੁੰਦਰਮ ਭਾਵ ਸੱਚੀ, ਕਲਿਆਣਕਾਰੀ, ਸੁੰਦਰ ਅਤੇ ਸੁਹਜ ਭਰਪੂਰ ਐਸੀ ਲਿਖਤ ਜੋ ਮਨੁੱਖੀ ਅਹਿਸਾਸਾਂ ਨੂੰ ਟੁੰਬਣ ਦੇ ਨਾਲ-ਨਾਲ ਅਨੰਦਮਈ ਦਾ ਅਹਿਸਾਸ ਕਰਵਾਏ, ਜੋ ਕੇਵਲ ਸ਼ਬਦਾਂ ਤੱਕ ਸੀਮਤ ਨਾ ਰਹਿ ਕੇ ਜੀਵਨ ਦੀ ਵਿਆਖਿਆ ਵੱਲ ਵੀ ਰੁਚਿਤ ਹੋਵੇ, ਸਾਹਿਤ ਅਖਵਾਉਣ ਦੀ ਹੱਕਦਾਰ ਹੈ। ਇਸੇ ਸਾਹਿਤ ਤੋਂ ਹੀ ਮਨੁੱਖੀ ਜਾਤੀ ਨੂੰ ਸੁੰਦਰ ਜੀਵਨ ਜਾਂਚ ਦੀ ਪ੍ਰੇਰਨਾ ਹਾਸਿਲ ਹੋਈ ਹੈ।

ਪਦ (ਕਾਵਿ) ਰੂਪ ਵਿਚ ਰਚਿਆ ਜਾਣ ਵਾਲਾ ਸਾਹਿਤ ਜਿਥੇ ਲੈਅ ਦੀ ਪ੍ਰਮੁੱਖਤਾ ਨੂੰ ਉਭਾਰਦਾ ਹੈ ਉੱਥੇ ਹੀ ਸਮੇਂ ਦੇ ਨਾਲ-ਨਾਲ ਗਦ (ਵਾਰਤਕ) ਰੂਪ ਵੀ ਵਿਆਕਰਣ ਦੇ ਨਿਯਮਾਂ ਅਧੀਨ ਅਹਿਮ ਭੂਮਿਕਾ ਨਿਭਾਉਂਦਾ ਹੈ। ਇਨ੍ਹਾਂ ਦੋਹਾਂ ਰੂਪਾਂ ਤੋਂ ਇਲਾਵਾ 'ਨਾਟਕ' ਇਕ ਅਜਿਹਾ ਰੂਪ ਉਭਰਦਾ ਹੈ ਜੋ ਦ੍ਰਿਸ਼ ਅਤੇ ਸ਼੍ਰਵ ਕਾਵਿ ਦੀ ਸੁਮੇਲਤਾ ਕਾਰਣ ਜਿਥੇ ਵੱਖਰਤਾ ਦਾ ਧਾਰਨੀ ਹੋ ਨਿਬੜਦਾ ਹੈ ਉੱਥੇ ਹੀ ਆਮ ਲੋਕਾਂ ਦੇ ਦਿਲਾਂ ਅੰਦਰ ਵੀ ਆਪਣੀ ਥਾਂ ਬਣਾਉਣ ਵਿਚ ਕਾਮਯਾਬ ਹੁੰਦਾ ਹੈ ਕਿਉਂਕਿ ਮਨੁੱਖੀ ਮਨ-ਪ੍ਰਚਾਵੇ ਹਿੱਤ ਜੋ ਵੀ ਕਲਾਵਾਂ ਹੋਂਦ ਵਿਚ ਆਈਆਂ, ਉਨ੍ਹਾਂ ਵਿਚੋਂ ਕੇਵਲ ਨਾਟਕ ਹੀ ਸਮੂਹਿਕਤਾ ਦੀ ਤਰਜਮਾਨੀ ਕਰਦਾ ਹੋਇਆ ਰੂਪ ਬਣਦਾ ਹੈ। ਇਸ ਅੰਦਰ ਵਿਅਕਤੀਗਤ ਕੌਸ਼ਲਾਂ ਦੇ ਆਪਸੀ ਮੇਲ ਨਾਲ ਇਕ ਅਜਿਹੀ ਸਮੂਹਿਕ ਸਿਰਜਣਾ ਕੀਤੀ ਜਾਂਦੀ ਹੈ ਜਿਸਨੂੰ ਸਮੂਹ ਦੇ ਸਾਹਮਣੇ ਹੀ ਪੇਸ਼ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਅਤੇ ਰਸ ਅਸਵਾਦਨ ਵੀ ਸਮੂਹਿਕ ਰੂਪ ਵਿਚ ਹੀ ਹੁੰਦਾ ਹੈ।

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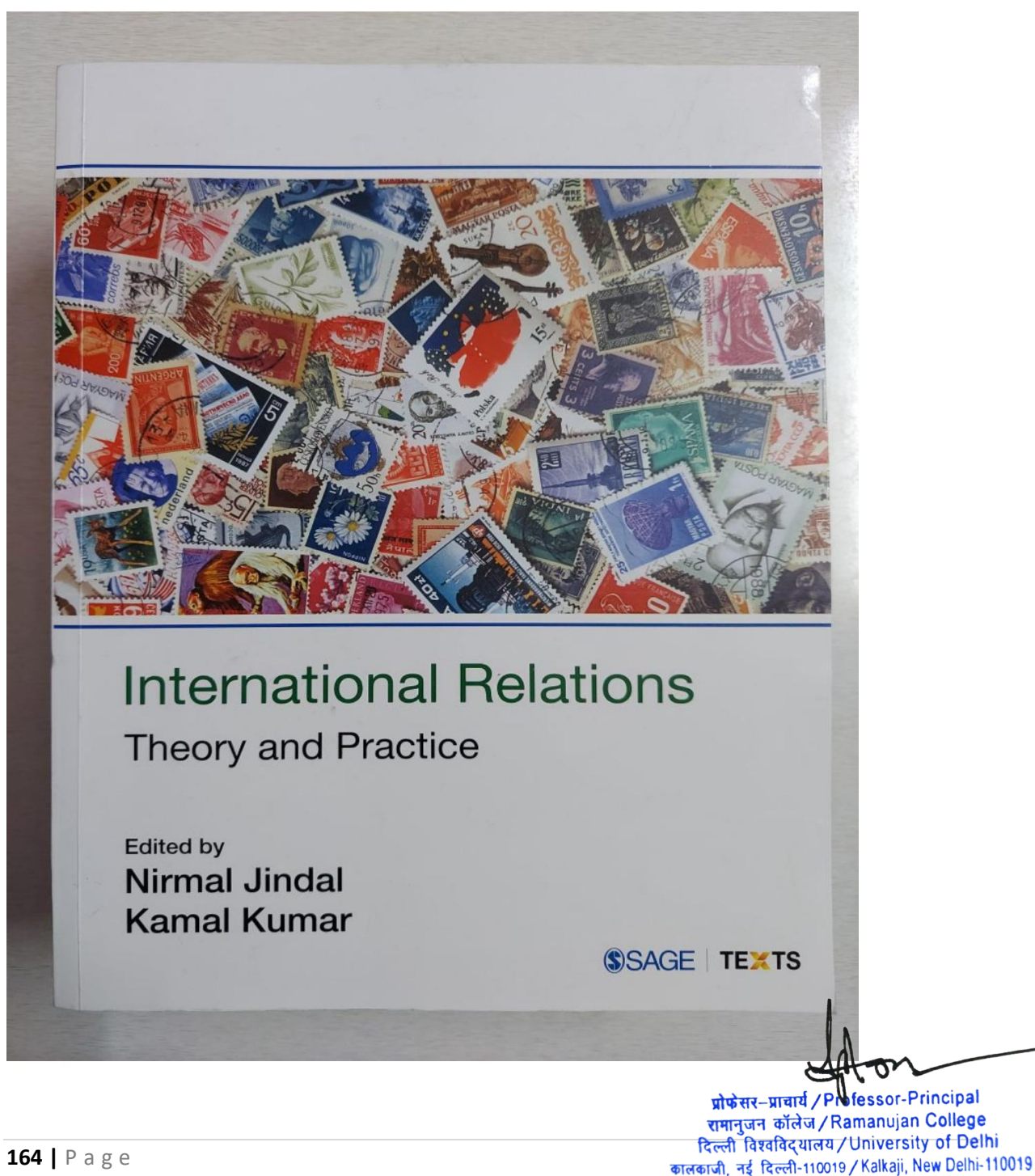
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11

CHAPTER

First World War: Causes and Consequences

Ajay Kumar

LEARNING OBJECTIVES

- To critically understand the factors that led to the First World War
- To understand military build-up, nationalistic feelings and rival alliances that set the stage for the world war
- To analyse how scientific and technological developments contributed to the occurrence of the war
- To evaluate the causes of war from different levels of analysis
- To discuss the impact of the First World War on the subsequent European/world politics

Introduction

The First World War was the most critical event in world history as never before so many countries joined the war which caused so much of death and destruction that history ever witnessed. It was also called as a Great war, as it was different from earlier localized wars. Throughout history, war has been an endemic factor in international relations (IR), and countries used to resort to war to achieve their political objectives in terms of territories and resources. War had always been considered a political tool. Clausewitz considered war a political instrument. Realists considered war a permanent factor and endemic disease in international politics. Historically, nations aimed at territorial adjustment, national integration and imperial expansion through wars. It is argued that 'war made states and states made war' (Tilly 1975, 42). However, the emergence of the First World War was a new development which had serious implications on world peace and security, and for the first time new theories were evolved to prevent war.



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International Relations



An engaging textbook that explores the multidisciplinary aspects of international relations from divergent perspectives, including the non-Western standpoint.

International Relations: Theory and Practice critically analyses the evolution and changing nature of international relations as a discipline. It examines India's emergence as a major power in the 21st century, its strategic significance and its changing role in the international system.

The book also raises some pertinent questions: What was India's contribution in the First and Second World Wars? Why was the Global South the worst sufferer of the Cold War politics between the USA and the USSR? Why is there no structured theoretical discussion on India's policies and models in the field of international relations? In the changed international system post the Cold War era, what are the new challenges and opportunities for the countries of the Global South?

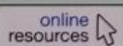
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- Includes pedagogically rich content, which closely follows UGC course curriculum guidelines for the subject

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