

Affiliated to Panjab University, Chandigarh



NAAC Accredited 'A' Grade (CGPA - 3.21) AISHE Code: C-29391

## Internal Quality Assurance Cell (IQAC)



Prof. Lakhvir Singh **IQAC** Coordinator Prof. Nisha Aggarwal Principal









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- 3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/international conference proceedings per teacher during last five years (10)
- 3.3.3.1. Total number of books and chapters in edited volumes/books published and papers in national/international conference proceedings year wise during last five years

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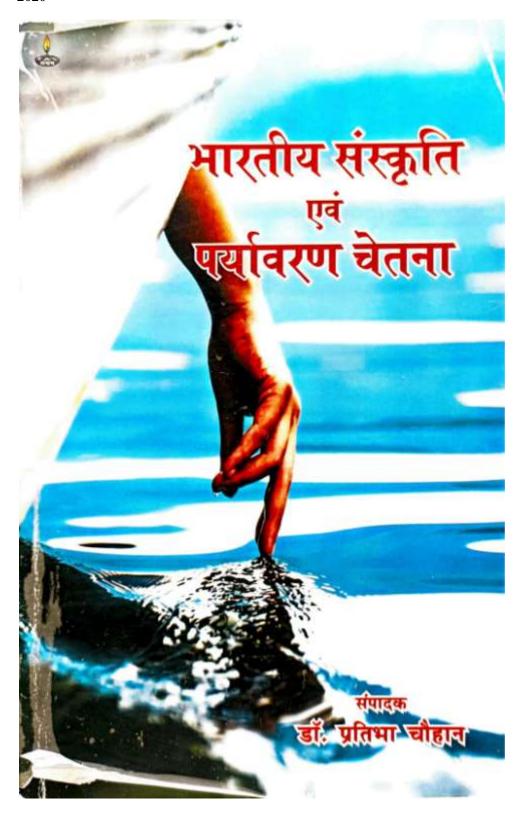
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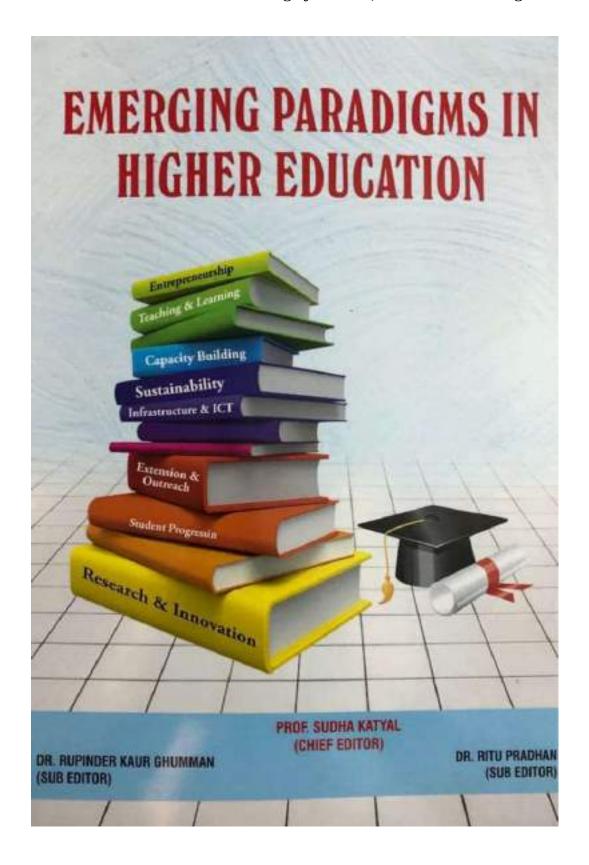
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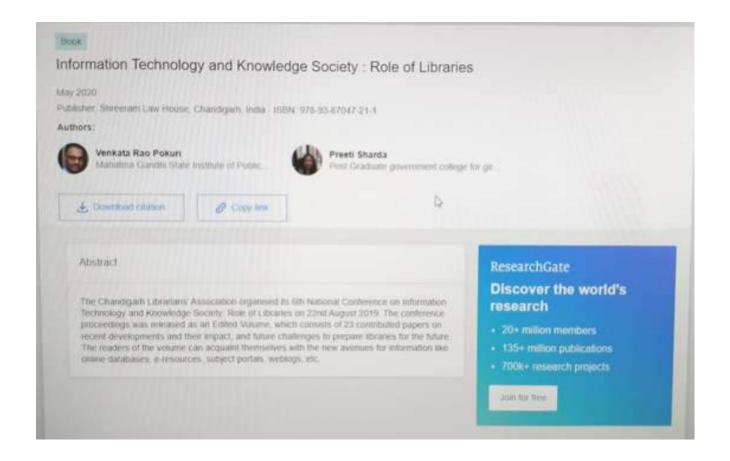
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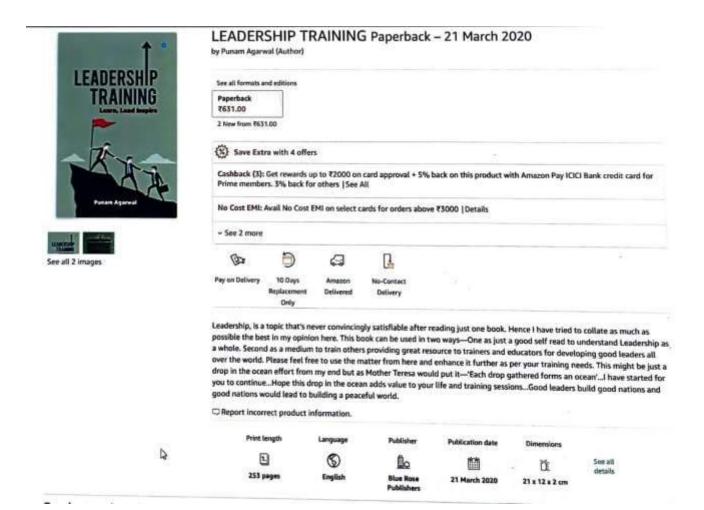
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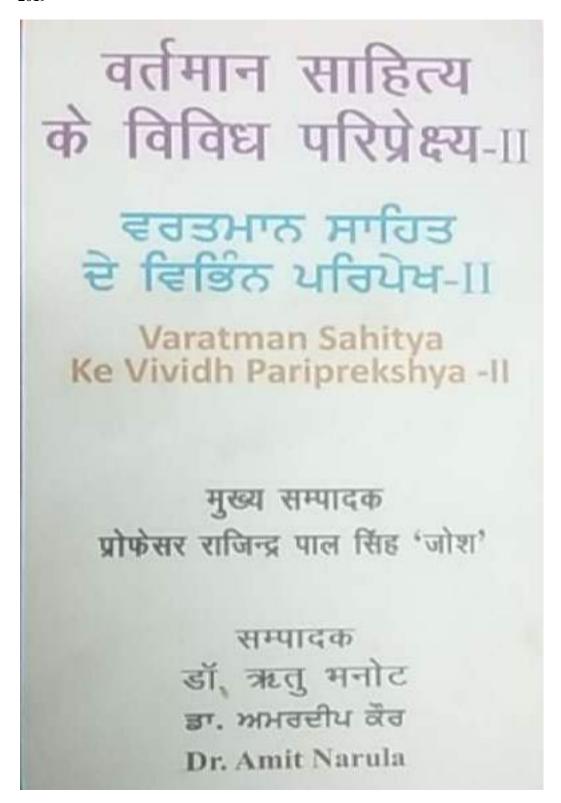
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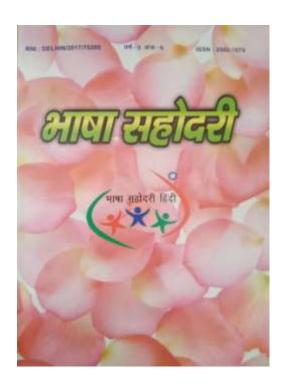
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## संपादक मण्डल

डॉ॰ पार्वती गोसाई, डॉ॰ मंगल ससाणे डॉ॰ उत्तम आलतेकर डॉ॰ नंदलाल चौधरी श्री श्यामगोंडा पाटील, श्री तांबोली म. इसाक

## प्रकाशक :

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## न्यायालय का क्षेत्राधिकार :

वह सर्वमान्य विदित्त हो कि मापा सहोदरी-हिन्दी (पजीकृत न्यास) है। इस पुस्तक के प्रकाशन से सम्बन्धित विवादी अथवा व्यापार विन्ह (टेडमार्क) एवं अन्य प्रकार के सिविल, वाणिज्यिक, दंड विषयक विवादों अथवा अन्य सभी प्रकार के विवादों के निपटार के लिए दिल्ली स्थित न्यायालय का विशिष्ट क्षेत्राधिकार सुरक्षित है।

प्रकारक का विनम्न निवंदन है कि यदि किसी भी प्रकार की हानि, पूटि, गलतियों जो अनजाने या गुक अध्यया सर्थान की कहार स पुस्तक में विद्यमान रहती है तो उसके लिए प्रकाशक की कोई जिम्मदारी नहीं होगी तथा प्रकाशक की काई अवाबदर्श एवं देवता उसमें उत्पन्न सति के लिए नहीं होगी। जहीं तक मीलिकता का प्रथन है यह रचनाकार की दिस्मादाने और अवस्थित है और प्रकाशक समादन मण्डल इसकी किसी भी रूप में पांच करा

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## दो पेड़

एक गाँव में दो पेड थे। जो कई वर्षों पुराने थे। गाँव के लाग उन्हें स्वरूप मानते और उनकी पूजा करते। वह दोनों पेड बहुत ही घन और एक थे। गाँव के लोगों ने प्रेम से इन दोनों पेड़ों का नाम राम और स्थाम म्ह के था। जो कहीं न कहीं उनकी आस्था को व्यक्त करता था। गाँव के लाग प्रम् सारा काम करके विश्राम के लिए इन पेड़ों की छाया में आकर बैटते वें बैठकर उन्हें एक विशेष प्रकार की शांति मिलती। गाँव के लोग काफी महनें थे। किन्तु गाँव में सारी सुख—सुविधाएँ न थीं। कई बार अपनी जरूत के वीजों को पूरा करने के लिए उन्हें शहर जाना पड़ता। शहर जाने का राता के कच्चे पुल से था। जो लकड़ी का बना हुआ था। वर्षा के दिनों में नदी में पानी काफी भर जाता तो पुल से जाने का खतरा बढ़ जाता था। यह नदी विपल इन दोनों पेड़ों के पास ही पड़ता था। लोग शहर से आते—जाते समय की पर रुक जाते। अपनी थकान दूर करते और एक—दूसरे से कई घंटों बातें करने

राम और श्याम इन दोनों पेड़ों में बहुत गहरा प्रेम था। मनुष्य के रें कहीं न कहीं स्वार्थ प्रवृति होती है, पर इन दोनों पेड़ों का प्रेम स्वार्थरिंह निष्वल तथा पिवत्र था। ये दोनों पेड़ गाँव के लोगों को अपने बच्चों की तर्ह प्यार करते, उनकी रक्षा के लिए हमेशा तत्पर रहते। इन पेड़ों में एक अंजी सी शिक्त थी। जब भी कोई गाँव का व्यक्ति दुःखी होता वह इन पेड़ों के छाया में सहारा लेता उसे एक नयी शिक्त तथा शांति प्राप्त होती। मनुष्य की मावना यदि पत्थर को भगवान बना सकती है तो यह तो पेड़ थे जो हमें शुंड होती है जो मनुष्य को दुःख में सहारा देती है तो यह तो पेड़ थे जो हमें शुंड होती है जो मनुष्य को दुःख में सहारा देती है और उसके जीवन में फिर से लेते हैं। प्रकृति बना किसी स्वार्थ के मनुष्य की रक्षा करती है। प्रकृति का सहारा मनुष्य जीवन की किता हो।

उसी गाँव में एक बूढ़ी काकी थी जो शायद आयु में सबसे बड़ी थी। वह अकेली रहती थी। काकी के दो बेटे थे पर यह कही दूर विदेश जा

# सहोदरी सोपान-६



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## रोटी

आज थाली में जब देखा गीला आटा मन प्रश्नों से भर गया हर मनुष्य भाग रहा है, दौड़ रहा है जीवन में इस गीले आटे की रोटी के लिए

क्या है इस रोटी में ऐसा जादू जो करता, मन को बेकाबू जी हाँ सोच विचार करके यही समझ आता है इस रोटी के लिए मनुष्य कुछ भी कर जाता है

फिर सोचती हूँ इस रोटी में ऐसा क्या नशा है जिसको देखों इसकी ओर खिंचा चला आता है सच तो यही है पट की भूख के लिए मनुष्य कुछ भी कर जाता है

कुछ विचार के बाद बड़े ध्यान से रोटी के आकार को. उसकी सुन्दरता को देखा उससे आती खुशबू से भूख को बढ़ते देखा इतना आकर्षण रोटी का क्यूं न हो

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# सेवानिवृत्ति

उत्साह का, कर्मण्यता का पुनर्जन्म है सेवानिवृत्ति मनुष्य के जीवन का

अध्याय जीवन का एक ओर पूरा हुआ आज सेवा से निवृत्त हुआ

सेवा से निवृत्त हम नहीं होते त्त होता है, हमारा यह कमज़ोर मन जिसमें उत्पन्न विचार एहसास दिलाते हैं कि आज तुम सेवा से निवृत्त हो गए

यह एक ऐसा क्षण है जो हर उस व्यक्ति के जीवन में आता है जो कहीं अपनी सेवाएँ देता चला जाता है

है यह महत्वपूर्ण परिवर्तन जीवन का, एक नए जीवन की शुरूआत का बिल्क यूं कहे, फिर से आरम्भ है नई कार्य क्षमताओं का

सहोदरी सोपान-6

महर्षि वाल्मीकि चेयर पंजाबी यूनिवर्सिटी, पटियाला (1961 के पंजाब ऐकट नं 35 अधीन स्थापित)

# Impact of Maharishi Valmiki Ramayana on Later Literature

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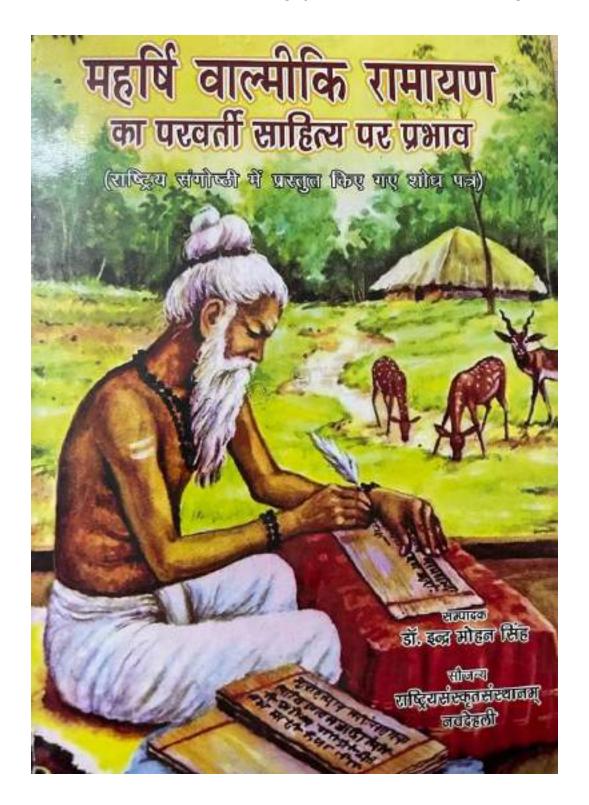
शहीद-ए-आजम पब्लिकेशन, पटियाला की ओर से प्रकाशित शहीद-ए-आजम प्रेस एंड होस्पिटेलिटी प्रा. ति., पटियाला द्वारा युदित

# ਪੰਜਾਬੀ ਅਖਾਣ ਅਤੇ ਰਾਮ–ਕਥਾ ਸਬੰਧੀ <sub>ਪੰਜਾਬੀ</sub> ਅਖਾਣ ਅਤੇ ਰਾਮ–ਕਥਾ ਸਬੰਧੀ ਸੰਸਕ੍ਰਿਤ-ਗ੍ਰੰਥ-ਸੂਕਤੀਆਂ ਦਾ ਆਪਸੀ ਸਬੰਧ ਪ੍ਰੇ.(ਡਾ.) ਲਖਵੀਰ ਸਿੰਘ

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ਸਭਿਅਤਾ, ਭਾਸ਼ਾ ਅਤੇ ਸਾਹਿਤ ਪਖੋਂ ਆਰੀਆਵਰਤ ਖੇਤਰ ਵਿਚ ਸ਼ਤਾਰ ਸਥਾਨ ਰਿਹਾ ਹੈ। ਪੰਜਾਬ ਭਾਰਤ ਦਾ ਉਹ ਭੂਖੰਡ ਹੈ, ਜ਼ੀ ਵਿਸ਼ਵ ਦਾ ਸਭ ਤੋਂ ਪਹਿਲਾ ਲਿਪੀਬੱਧ ਗ੍ਰੰਥ, ਭਾਵ ਰਿਗਵੇਦ ਸਮੇਤ ਬਹੁਤ ਜ਼ਰ ਸੰਸਕ੍ਰਿਤ ਸਾਹਿਤ ਹੋਂਦ ਵਿਚ ਆਇਆ। ਇਥੋਂ ਤਕ ਕਿ ਅਪਣੀ ਪ੍ਰਸਿੱਧ ਫ਼ਰਨ 'ਅਸਟਾਧਿਆਈ' ਰਾਹੀਂ ਦੁਨੀਆਂ ਭਰ ਵਿਚ ਨਾਮਨਾ ਖਟਣ ਵਾਲਾ <sup>ਫਰਾ</sup> ਅੰਗਰੀਆਂ ਪਾਣਿਨੀ ਵੀ ਇਸੇ ਖੇਤਰ ਦਾ ਜੰਮਪਲ ਸੀ। ਸਿੱਟੇ ਵਜੋਂ ਰਾਮਾਇਣ, <sub>ਮਹੱਤਾਰਰ,</sub> ਪੂਰਾਣ, ਪੰਚਤੰਤ੍ਰ, ਵਰਗੀਆਂ ਲੋਕ ਚਰਚਿਤ ਰਚਨਾਵਾਂ ਵਿਚ ਦਰਜ਼ ਸ਼ਨਵ ਜੀਵਨ ਦੀਆਂ ਭਿੰਨ-ਭਿੰਨ ਸਮਸਿਆਵਾਂ, ਸਿੱਧਾਂਤ ਅਤੇ ਸੁਚਾਰੁ ਜੀਵਨ ਸ਼ੁੰਗੀ ਨਿਰਦੇਸ਼, ਆਯੁਰਵੇਦ, ਧਰਮਸ਼ਾਸਤ੍ਰ, ਛੇ ਦਰਸ਼ਨ ਜਿਹੇ ਸਿੱਧਾਂਤਕ ਗ੍ਰੰਥਾਂ ਵਿੱਚ ਵਰਣਿਤ ਚਾਰ ਵਰਗ, ਭਾਵ-ਧਰਮ, ਅਰਥ, ਕਾਮ ਅਤੇ ਮੌਖਸ਼ (ਮੁਕਤੀ) ਸਬੰਧੀ ਚਿੰਤਨ, ਰੋਗ ਮੁਕਤ ਖੁਸ਼ਹਾਲ ਜੀਵਨ ਜੀਉਂਣ ਲਈ ਉਪਯੋਗੀ ਸੂਤਰ ਅਤੇ ਅਨੇਕ ਤਰ੍ਹਾਂ ਦੇ ਕਰਮਕਾਂਡ ਆਦਿ ਨੇ ਪੁਰਾਣੇ ਸਮੇਂ ਤੋਂ ਹੀ ਪੰਜਾਬੀਆਂ ਦੀ ਹੋਵਨ ਸ਼ੈਲੀ ਨੂੰ ਬਹੁਤ ਹੀ ਪ੍ਰਭਾਵਿਤ ਕੀਤਾ ਹੈ। ਇਸੇ ਸਦਕਾ ਪੰਜਾਬੀ ਨ-ਮਾਨਸ ਵਿਚ ਪ੍ਰਚਲਿਤ ਸੁਕਤੀਆਂ, ਸਿਆਣਪਾਂ, ਅਖਾਣਾਂ, ਕਹਾਵਤਾਂ ਉੱਤੇ ਮਤੇ ਇਥੋਂ ਤਕ ਆਮ ਬੋਲ-ਚਾਲ ਵਿਚ ਪ੍ਰਯੁਕਤ ਮੁਹਾਵਰਿਆਂ ਤੇ ਵੀ ਸੰਸਕ੍ਰਿਤ ਾਹਿਤ ਦੀ ਵਿਸ਼ੇਸ਼ ਛਾਪ ਝਲਕਦੀ ਹੈ। ਇਸ ਪਰਚੇ ਵਿਚ ਮਹਾਂਕਵੀ ਭਾਸ ਦਾ ਪ੍ਰਤਿਮਾ' ਨਾਟਕ, ਕਾਲੀਦਾਸ ਦਾ ਮਹਾਂਕਾਵਿ 'ਰਘੁਵੰਸ਼ਸ੍ਰ', ਭਵਭੂਤੀ ਦੇ ਾਟਕ 'ਉੱਤਰਰਾਮਚਰਿਤਮ੍ਰ' ਅਤੇ 'ਮਹਾਂਵੀਰਚਰਿਤਮ੍ਰ', ਕਵੀ ਮੁਰਾਰੀ ਦੀ ਚਨਾ 'ਅਨਰਘਰਾਘਵਮ੍ਰ' ਅਤੇ ਜੈਦੇਵ ਦਾ ਨਾਟਕ 'ਪ੍ਰਸੰਨਰਾਘਵਮ੍ਰ' ਆਦਿ ਸਿੱਧ ਛੇ ਰਚਨਾਵਾਂ, ਜੋ ਕਿ ਰਾਮ-ਕਥਾ ਤੇ ਅਧਾਰਿਤ ਹਨ, ਵਿਚ ਵਰਣਿਤ ਥ ਸੂਕਤੀਆਂ ਅਤੇ ਪੰਜਾਬੀ ਅਖਾਣਾਂ ਦੇ ਆਪਸੀ ਰਿਸ਼ਤਿਆਂ ਤੇ ਖੋਜਪਰਕ ਰਚਾ ਕੀਤੀ ਗਈ ਹੈ।

ਮੁੱਦੇ ਤੇ ਆਉਣ ਤੋਂ ਪਹਿਲਾਂ 'ਸੂਕਤੀ' ਅਤੇ 'ਅਖਾਣ' ਬਾਰੇ ਜਾਨਣਾ ਯੂਗੇ ਹੈ। 'ਸੂਕਤੀ' (सूक्त) ਸ਼ਬਦ सु+ਰक्ति ਇਹਨਾਂ ਦੋ ਪਦਾਂ ਦੇ ਸੁਮੇਲ ਤੋਂ ਇਆ ਹੈ, ਜਿਸਦਾ ਅਰਥ ਹੈ-ਸੁੰਦਰ, ਯੁਕਤੀਪੂਰਣ ਜਾਂ ਗੌਰਵਮਈ ਕਬਨ। ਇਸੇ ਤਰਾਂ 'ਸੁਕਤ' (सूक्त) ਅਤੇ 'ਸੁਝਾਸ਼ਿਤ' (सुमाब्ति) ਸ਼ਬਦ ਵੀ ਉਕਤ ਲਰਥ ਨੂੰ ਹੀ ਪ੍ਰਗਟ ਕਰਦੇ ਹਨ। ਜਦਕਿ 'ਸੁਕਤ' ਸ਼ਬਦ ਦਾ ਪ੍ਰਯੋਗ ਵੈਦਿਕ ਤਿਰਾਂ ਦੇ ਸਮੂਹ ਲਈ ਵੀ ਕੀਤਾ ਜਾਂਦਾ ਹੈ। ਕਹਿਣ ਦਾ ਭਾਵ ਇਹ ਹੈ ਕਿ ਤਿਰਾਂ ਦੇ ਸਮੂਹ ਲਈ ਵੀ ਕੀਤਾ ਜਾਂਦਾ ਹੈ। ਕਹਿਣ ਦਾ ਭਾਵ ਇਹ ਹੈ ਕਿ ਜਵੇਂ ਮੰਤਰਾਂ ਦੇ ਇੱਕਠ ਨੂੰ 'ਸੁਕਤ' ਕਹਿੰਦੇ ਹਨ, ਠੀਕ ਇਸੇ ਤਰ੍ਹਾਂ ਸੰਸਕ੍ਰਿਤ ਸਵੇਂ ਮੰਤਰਾਂ ਦੇ ਇੱਕਠ ਨੂੰ 'ਸੁਕਤ' ਕਹਿੰਦੇ ਹਨ, ਠੀਕ ਇਸੇ ਤਰ੍ਹਾਂ ਸੰਸਕ੍ਰਿਤ



# पंजाबी अरवाण अथवा कहावतों पर संस्कृत का प्रभाव

 प्रो. त्वस्ववीर विष्ठ गेल्वृत विभाग स्नातकोत्तर राजकीय कन्या महाविद्यालय सैवटर 42, चण्डीगढः

सभ्यता, भाषा तथा साहित्य की दृष्टि से आर्थावर्त क्षेत्र में पंजाब का सदैव विशिष्ट स्थान रहा है। पंजाब, भारत का वह भूखण्ड है, जहां विश्व का सर्वप्रथम लिपिवद्ध-ग्रन्थ अर्थात् ऋग्वेद सहित अधिकतर संस्कृत साहित्य की रचना हुई है। सुप्रसिद्ध वैयाकरण आचार्य पाणिनि का सम्बन्ध भी इसी प्रदेश की मिट्टी से रहा है। परिणामस्वरूप रामायण, महाभारत, पुराण, पंचतन्त्र सदृश अनेक लोकप्रिय ग्रन्थों में वर्णित मानवीय जीवन की विभिन्न समस्याओं, मृत्यों तथा सुचार जीवन डौली सम्बन्धी निर्देश, धर्मशास्त्र, षड्दर्शन, आयुर्वेद सदृश सैद्धान्तिक ग्रन्थों में प्रतिपादित चत्र्वर्ग अर्थात धर्म - अर्थ - काम - मोक्ष सम्बन्धी चिन्तन एवं स्वस्थ जीवनयापन सम्बन्धी उपयोगी सूत्र तथा अनेकविध कर्मकाण्ड इत्यादि ने प्राचीनकाल से ही पंजावियों की जीवनपद्धति को अत्यधिक प्रभावित किया है। यही कारण है कि पंजाब के जनसाधारण में प्रचलित सक्तियों, प्रामोक्तियों, लोकोक्तियों, कहावतों अथवा मुहावरों पर भी संस्कृत साहित्य की विशिष्ट छाप स्पष्ट दृष्टिगोचर होती है।

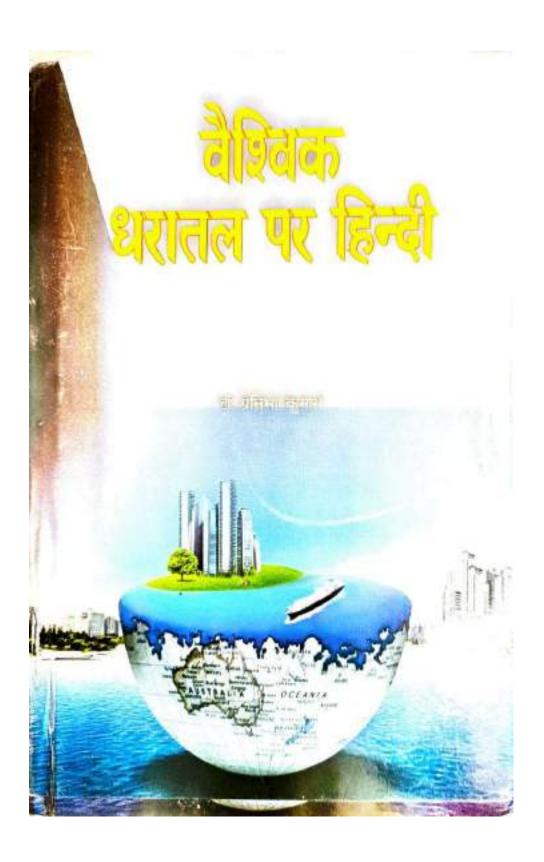
सूक्ति, प्राजोक्ति अथवा अखाण ऐसे लयात्मक शब्दों का समूह होता है, जिसमें जीवनोपयोगी किसी विशेष चिन्तन, तथ्य अथवा सिद्धान्त को संक्षिप्त परन्तु सारगर्भित हब्दों में प्रस्तुत किया जाता है। असाधारण, रन्तु प्रत्युत्पन्नमति विद्यानों के मुख से स्वतः उच्चरित ये ऐसे छोटे - छोटे गम्भीर वाक्य होते हैं, जिनमें वर्षों का अनुभव छिपा होता है। निरन्तर प्रयुक्त होने के कारण ये प्रामोक्तियां समयानुसार समाज द्वारा स्वीकृत होकर विशेष - अर्थ में रूढ़ हो जाती हैं। इसके अतिरिक्त काव्यात्मक होने से ये सहज ही कण्ठस्थ भी हो जाती हैं। इसीलिए साहित्य तथा बोल - चाल की भाषा में अवसरानुसार लोग इनका प्रयोग करते हैं। प्रस्तुत शोध - पत्र में एकिवत पंजाबी भाषा में प्रचलित अखाणों को मुख्यतः तीन भागों में बांटा गया है - अनुवादमूलक अथवा अभिद्यार्थपरक, लक्ष्यार्थ अथवा व्यंग्यार्थमूलक तथा अनुकरणमूलक अथवा लिप्यन्तरणपरक।

अनुवादमूलक अखाण अयवा कहावतों से तात्पर्य है-कि जिनकों पढ़ते अथवा सुनते ही यह प्रतीत हो कि मानों ये सीधे ही संस्कृत से पंजाबी में आ गए हों। लक्ष्यार्थ अथवा व्यंग्यार्थमूलक अखाण वे हैं, जो भाषा तथा शैली की दृष्टि से प्रथम बार पढ़ने अथवा सुनने पर पूर्णत: भिन्न प्रतीत होते हैं, परन्तु कुछ चिन्तन करने के पड़चात् ज्ञात होता है कि वास्तव में ये तो संस्कृतमूल ही हैं। परन्तु तृतीय श्रेणी से सम्बद्ध अखाणों को तो पढ़ने अथवा सुनते ही प्रथम दृष्ट्या यह प्रतीत होता है कि मानों उनका पंजाबी भाषा में मात्र लिप्यन्तरण ही हो गया है। उक्त अखाणों का क्रमानुसार परिचय इस प्रकार है-

रमारिका

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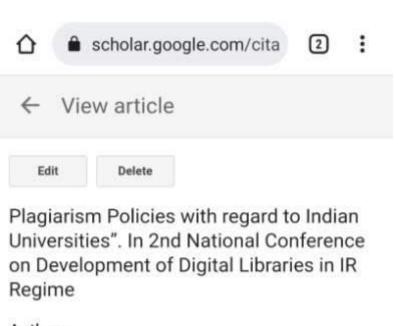


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### Human Libraries in India

### Authors

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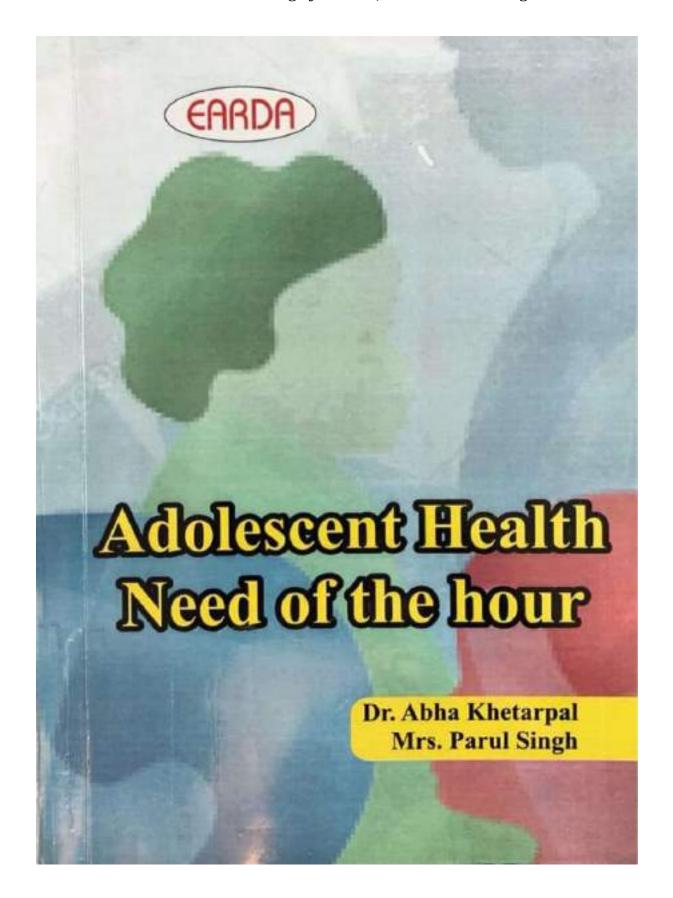
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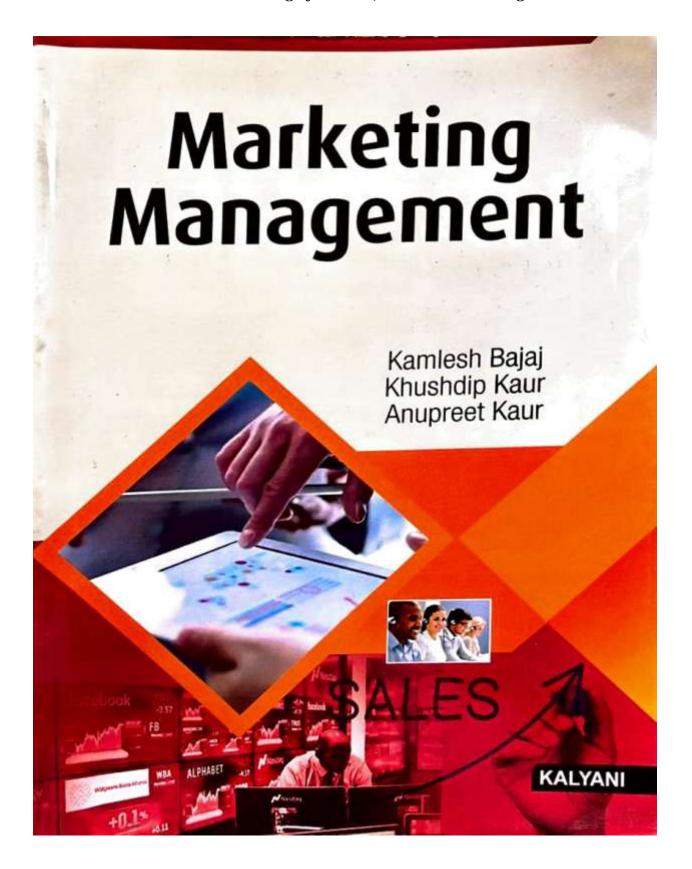
Library is a place where readers go to study and borrow books which they want to read. They read the way the book is written. A new concept of Human Library emerged in the year 2000 in Roskilde Festival by Copenhagen, Denmark by Ronni Abergel. It is in an attempt to enforce social change and encourage conversation around marginalised communities. The first permanent Human Library was established in Lismore, Australia in 2006. Human Library is a place where real people are on loan to readers. A place where difficult questions are expected, appreciated and answered. The concept is similar to that of a traditional library. If a book is read and discussed or shared among like-minded readers, the Human Library has people engaging in conversations. Like books, participants of the Human Library can be picked from a list to engage in conversations and share stories on a one on one basis. A couple of readers opting for the same living book or even with a group. The Human Library movement has expanded to around 80 countries. In India, it was introduced in Hyderabad, then made its way to Mumbai, before coming to New Delhi. This paper discusses the concept of Human Library in detail. The paper also highlights the major human libraries of India. Human libraries are spreading their arms all over the country, this paper is an attempt to trace the development of Lluman libraries in sities of India It also

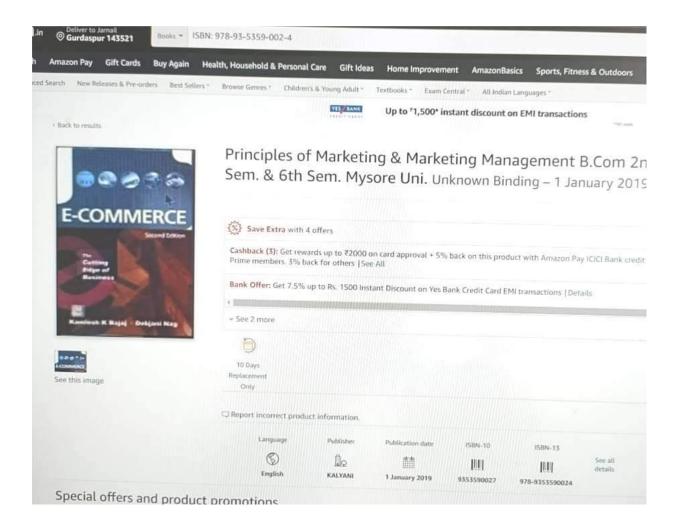


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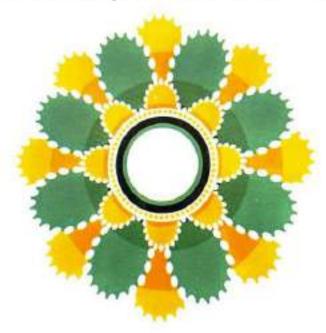


2018

# वर्तमान साहित्य के विविध परिप्रेक्ष्य

# ਵਰਤਮਾਨ ਸਾਹਿਤ ਦੇ ਵਿਭਿੰਨ ਪਰਿਪੇਖ

Varatman Sahitya Ke Vividh Pariprekshya



मुख्य सम्पादक प्रोफेसर राजिन्द्र पाल सिंह 'जोश'

> सम्पादक डॉ. ऋतु मनोट इंग. ਅਮਰਦੀਪ ਕੌਰ Dr. Amit Narula

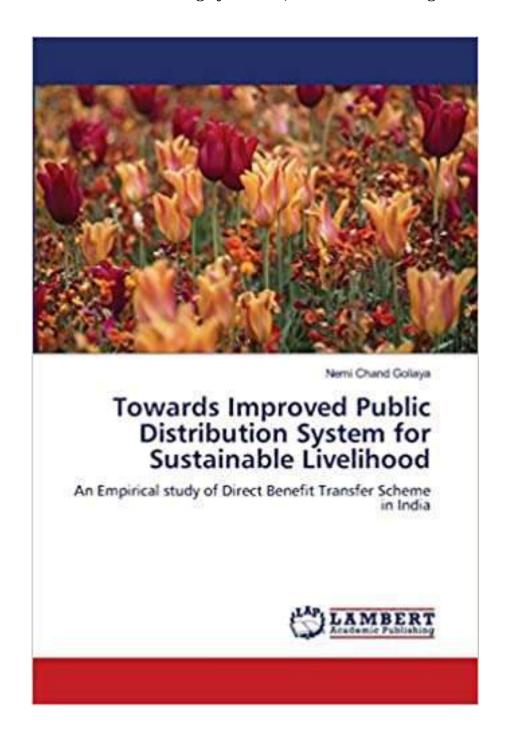
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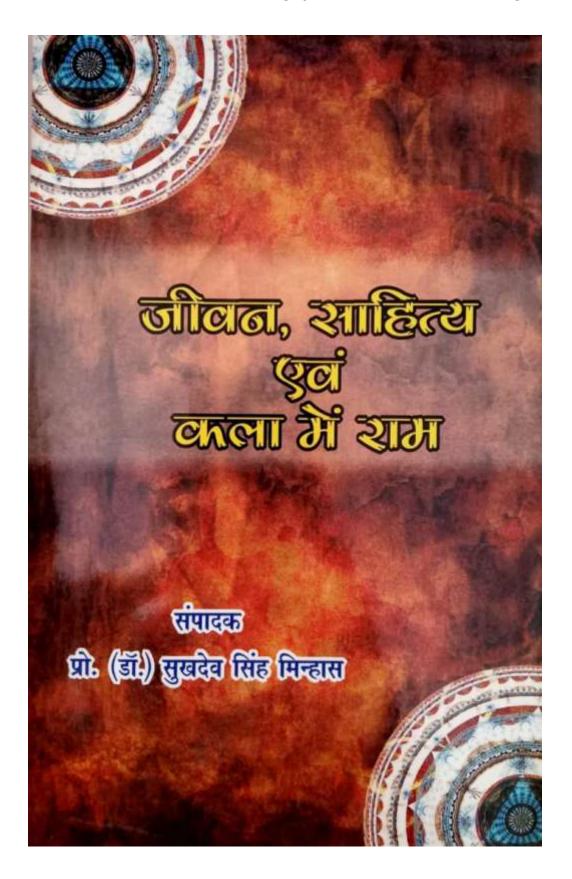
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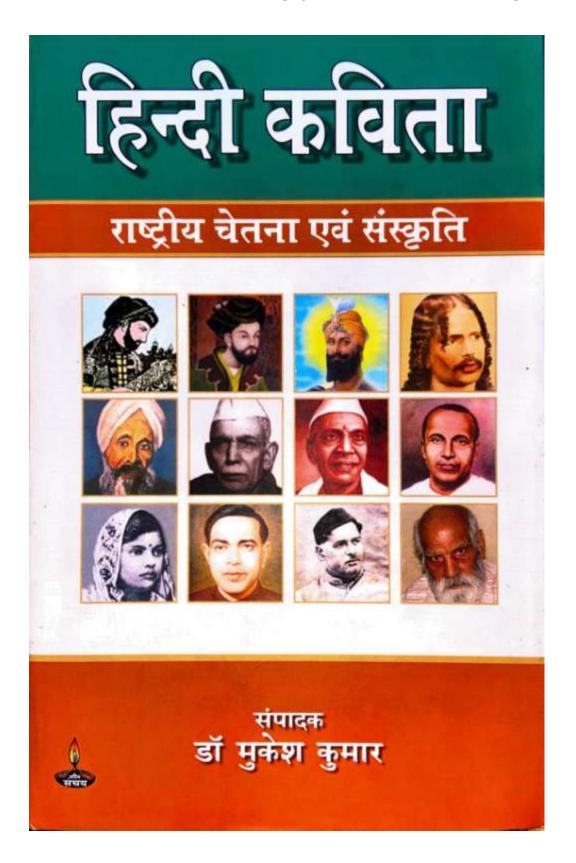
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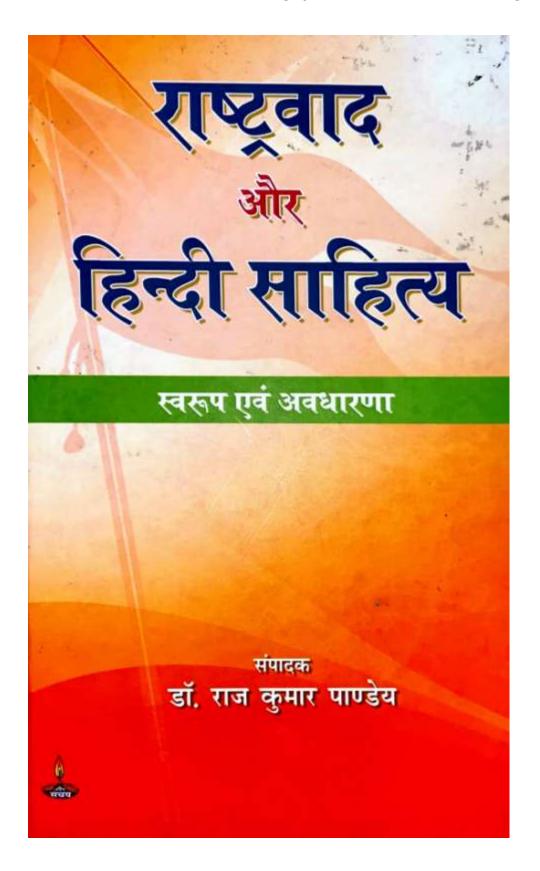


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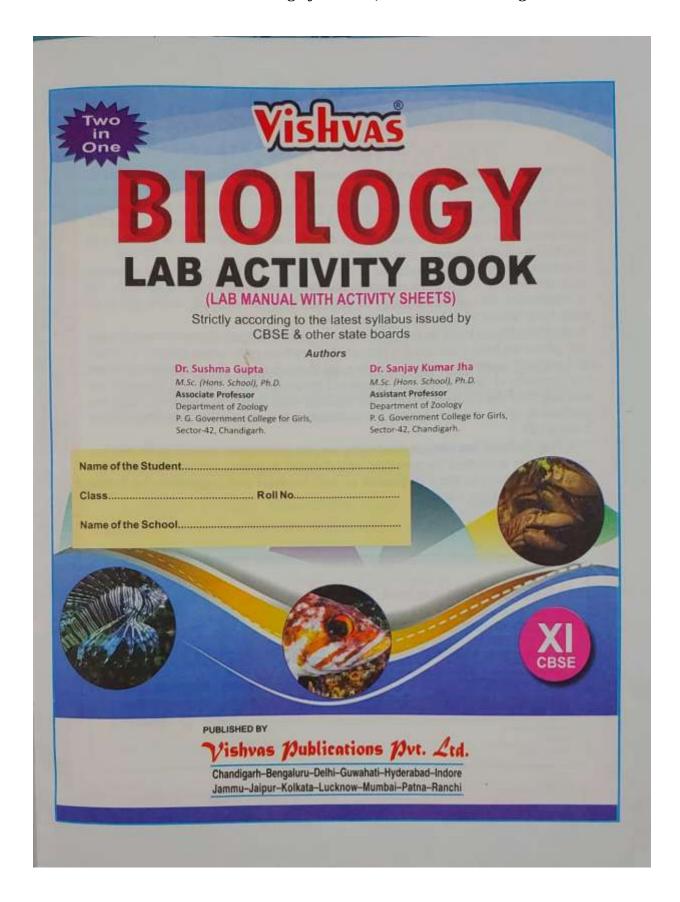
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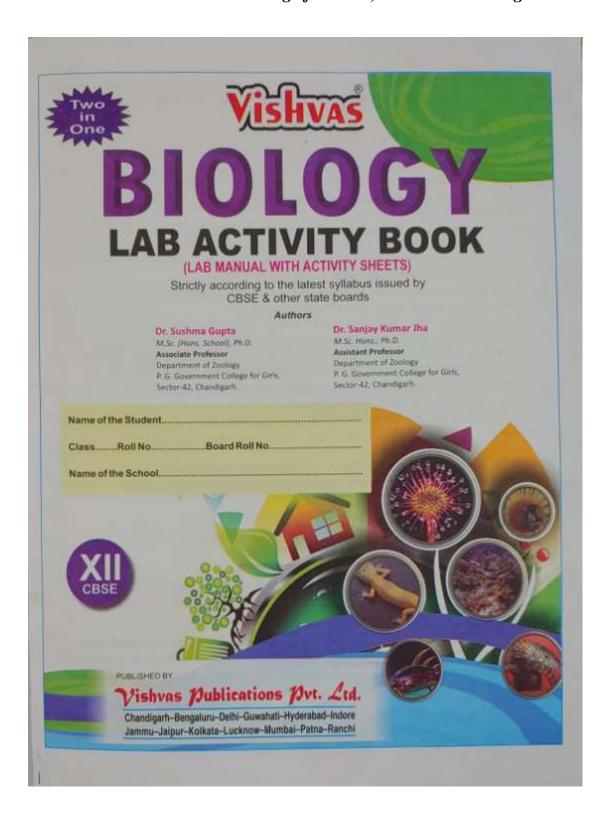




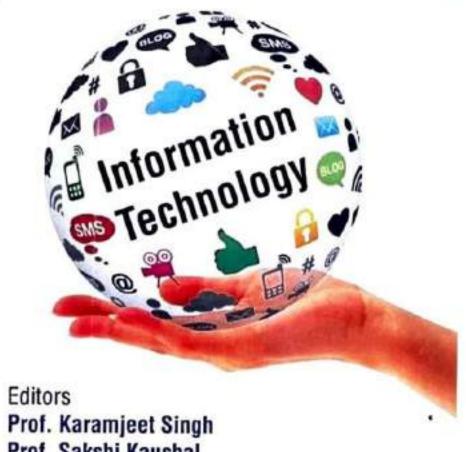
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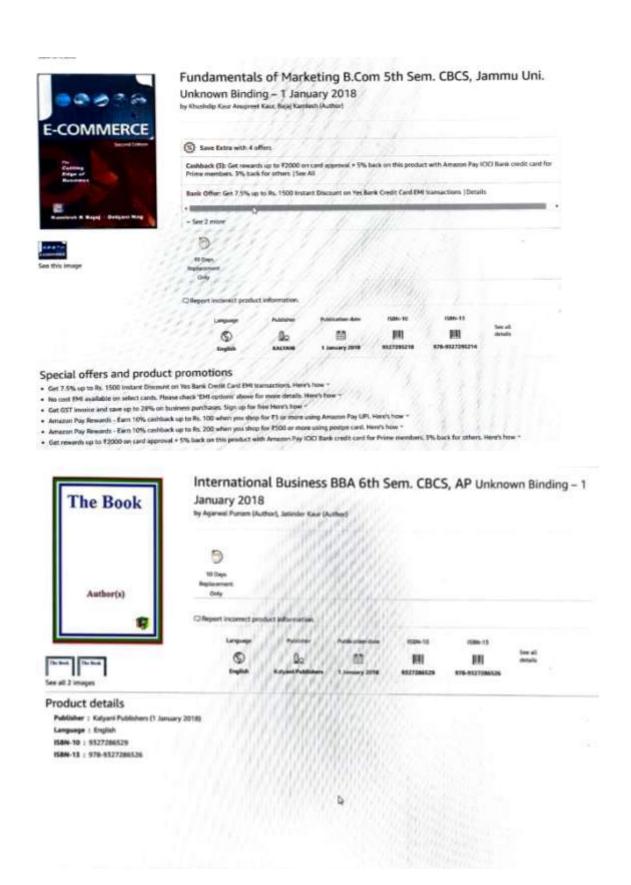
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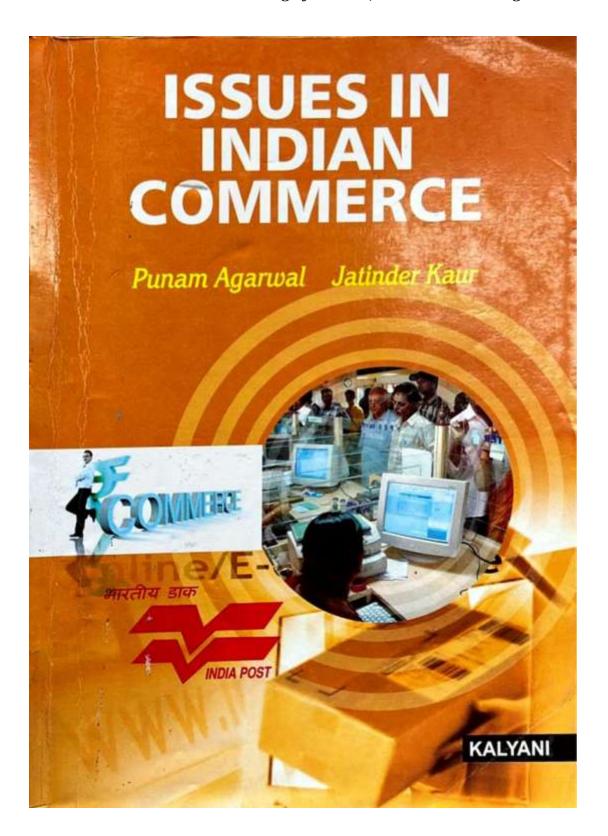


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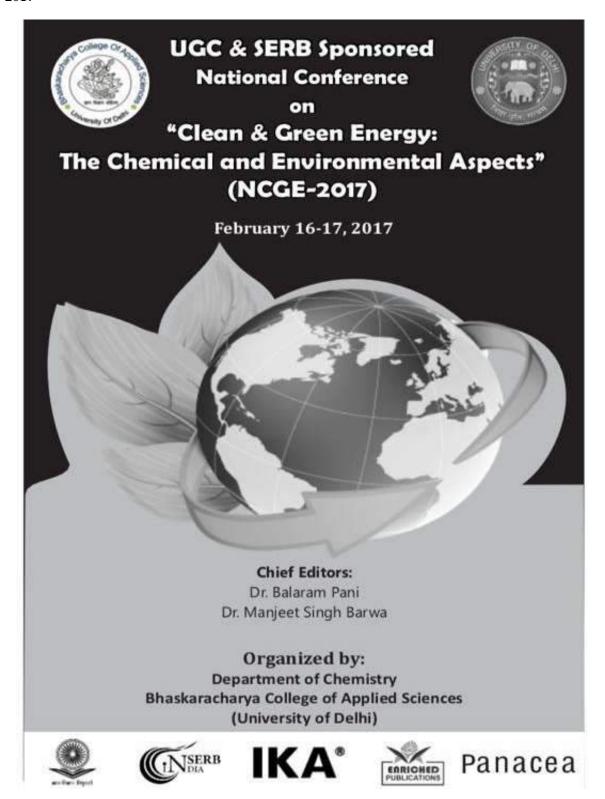
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### CHEMISTRY OF PLASTICS, RECYCLING AND PACKAGING: CONCERNS AND REMEDIES

### Dr. Gagandeep Gyani

Department of Chemistry, Post Graduate Govt. College for Girls Chandigarh.

#### Abstract

Major global problem today's is Plastic Pollution and efforts at world level are going on to minimize the pollutions level. Non-biodegradable plastic packaging materials are one of the major causes ofplastic pollution in India and also in the world. The use of plastic has become so indispensable in our fast lifestyle that we have harmed the environment so badly. Plastic has happened to be an integral part of life since its invention 50 years ago. Plasticis durable and hence easy to use, but it is persistent and non-degradable and stays in environment for long time. When it is dumped in the environment it harms living being. Hence, there is a soaring necessitate of producing materials that can be recycled, biodegradable packaging is one of the new trends for green living. But our masses are not aware of using eco-friendly packaging materials and their advantages (4)

Use of plastics as a packaging material is harmful to human health due to Phthalates, the major chemical compounds used in plastics (1). Human exposure to these components occurs via food intake and may be related with adverse health effects, especially a disruption of hormonal system. The threat of plastics to the marine environment has been a serious issue. Even the animals feed on plastics by mistake and hence it has entered in the food chain. The studies revealed the presence of PCBs in the, tissues of marine animals due to ingested plastic particles (3). They can assimilate chemicals from plastic particles in their stomachs.

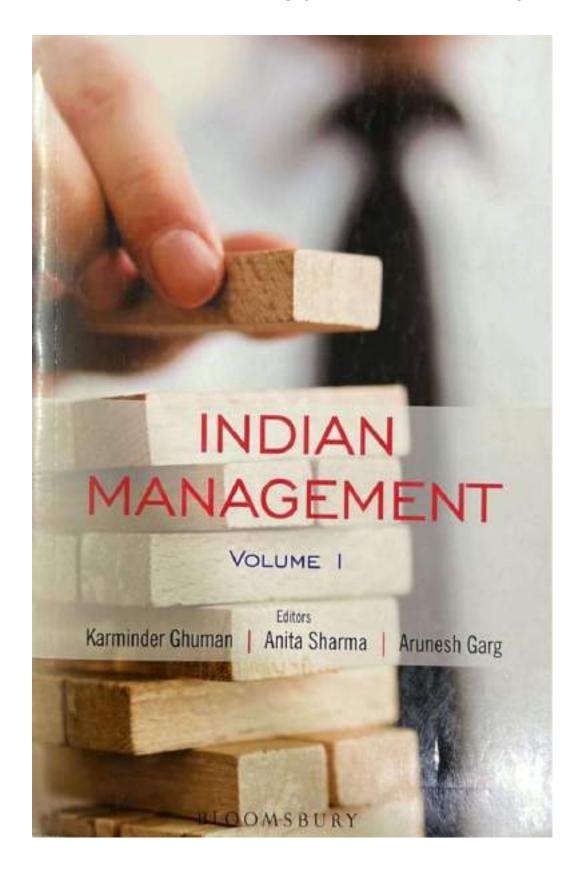
### 1. Use of Biodegradable Plastic

1biodegradable plastics are made from renewable raw materials such as starch or cellulose.

2 They improve quality and performance and decrease cost, 3biodegradable plastics are advantageous for waste management systems in order to understand large benefits to the environment.

National Conference on 'Clean of Green Energy: The Chemical and Environmental Aspects'', Feb 16-17,2017

Bhashgracharya College of Applied Sciences, D.U., Dwarkg



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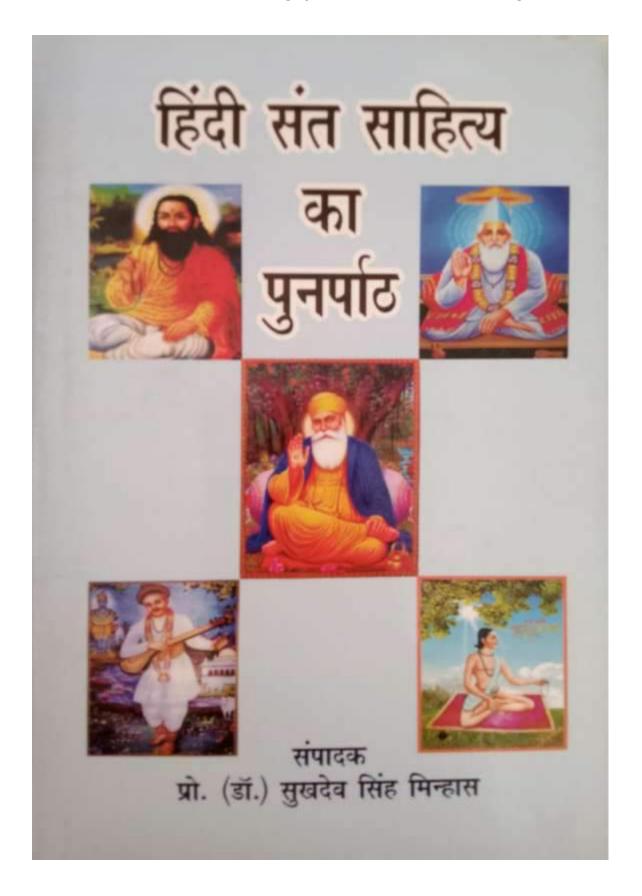
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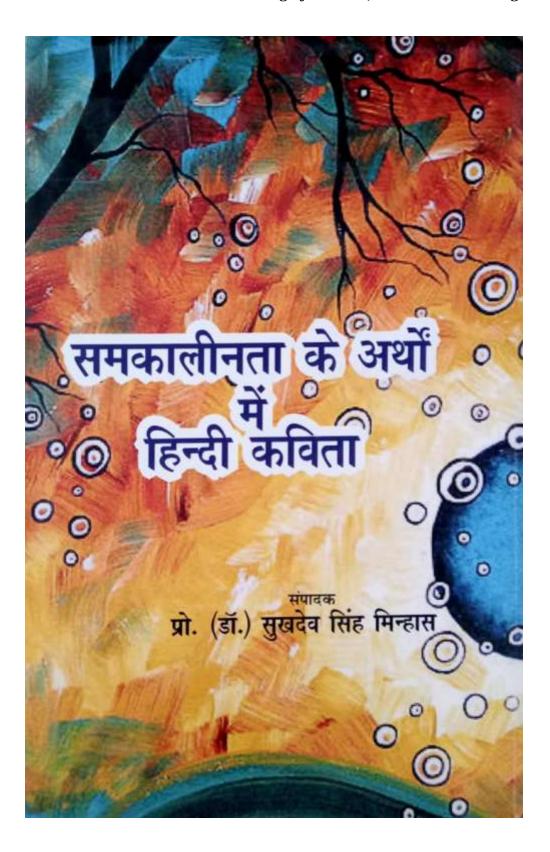
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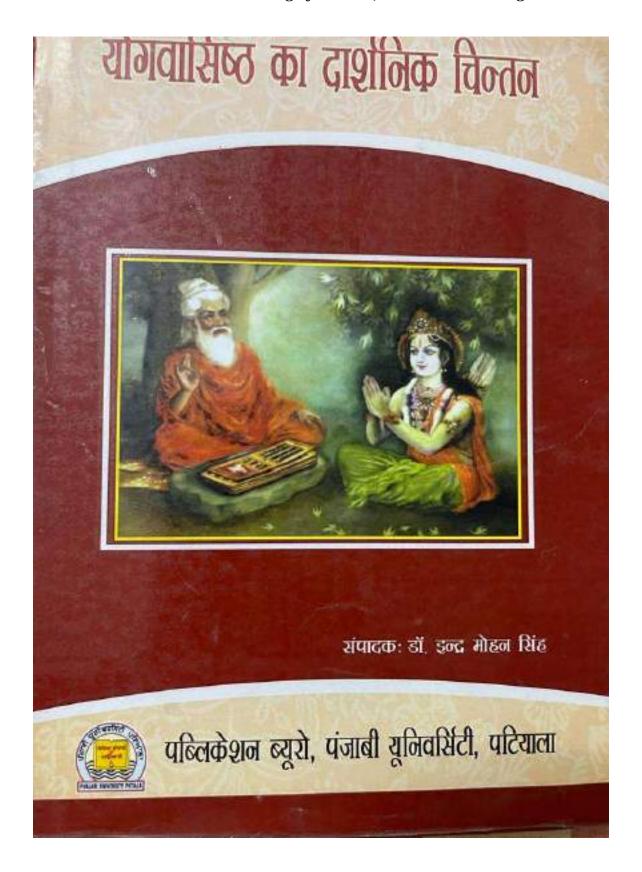
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# मनस्-शुद्धिः योगवासिष्ठ की दृष्टि से (वर्तमान परिप्रेक्ष्य में) प्रोफेसर (डॉ.) लखवीर वि

यह सत्य है कि आज मानव ने जन-जन तक ज्ञानदीप पहुंचाने उद्देश्य से उच्चस्तरीय विद्यालय, महाविद्यालय तथा विश्वविद्यालयों का निम किया है। उत्तम स्वास्थ्य प्राप्त्यर्थ पाँच सितारा होटलों के अनुकरण पर म हस्पतालों का सुजन भी किया है। परन्तु फिर भी तथाकथित सुशिक्षित । सभ्य मनुष्य मानसिक तथा नैतिक दृष्टि से प्रायः विक्षिप्त और असम्य प्रतीत होता है। यह स्थिति किसी भूखण्ड विशेष की नहीं, अपितु सम् विश्व का वातावरण ही मानसिक प्रदूषण से दूषित एवं विधाक्त बन चुका परन्तु दु:ख का विषय तो यह है कि अपनी प्राचीनतम तथा समृद्धर संस्कृति के लिए विश्वविख्यात भारतीय समाज भी आज अशान्त आधुनिक प्रौद्योगिकी (Technology) से लामान्वित होकर कतिपय मूढ्म आम लोगों के जीवन में आतन्क का विष भर रहे हैं, तो कहीं वर्ग, व धर्म, सम्प्रदाय, भाषा से सम्बद्ध तथा प्रान्तभेद, देशभेद अथवा देशद्रोह समस्याएं सिर उठाए खड़ी है। अतः जनसाधरण में व्याप्त मानसिक अशानि पारिवारिक, सामाजिक यहां तक कि राष्ट्रीय एकता के लिए भी चुनौती ब चुकी है। वर्तमान तथाकथित सुशिक्षित समाज में इसी मानसिक अराजकर अथवा उथलपुथल के फलस्वरूप 3-4 मास की अबोध बालिकाओं तथा 9 वर्ष तक की वृद्धाओं से बलात्कार, पाँचमी-छटी सदृश निम्न कक्षाओं व छात्रों के पारस्परिक हिंसक झगड़े, पारिवारिक कलह, ईर्ष्या, द्वेष से उत्पन तनाववश हत्याएं, आत्महत्याएं, रिश्यतखोरी इत्यादि से सम्बद्ध समाचार प्राय प्रतिदिन समाचारपत्रों के शीर्षक बन रहे हैं।

पर इस सामाजिक अधोगति का कारण क्या है? असीम भौतिव सम्पदा एवं उन्नति के शिखर पर पहुचंने के पश्चात् भी मनुष्य असंतुष्ट अथवा अशान्त क्यों है? अकारण दूसरों के अहित में वह प्रसन्न क्यों है? पारिवारिक विघटन क्यों हो रहे हैं? नशा, रिश्वतखोरी, दहेज, लूट-मार, आपहरण, वृद्धों का तिरस्कार, भ्रूणहत्याएं, नारी अपमान, आत्महत्याएं, अपहरण, वृद्धा का विचना, अन्धविश्वास, खिन्नता (Depression), विश्वलता, पारस्पादम आधुनिक समाज में निरन्तर क्यों यह रही है? और अश्रद्धा इत्याव युरात । इसके विपरीत परस्पर दुःख बांटना, सांत्वना देना, मनसा-वाचा-कर्मणा द्वारा

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# An Effective Authentication Scheme for Hybrid Cloud using Elliptic Curve Cryptography and SHA-512

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Abstract: World is witnessing the massive steption of Cloud Computing technology which has energy as the boon to many small-to-medium and lage enterprises, as it delivers the services on the servet as and when required and also one need to by according to the usage of these services. Security a the most cited challenge despite the high potentials of Cloud. The authentication process is the very first and crucial phase prior to initiating execution with my technology. So, a loophole in the authentication pricess means the hacking of the confidential data. Several agencies including government and private have been involved extensively in developing authentication strategies but the higher growth rate in the backing needs a more effective scheme. Earlier there was a basic authentication process that only includes username and password but with rapid macks on Internet services, multi-factor authentication is recommended and deployed in cloud-based solutions. An Authentication becomes a major challenge when there is involvement of multiclouds. To make a communication process possible between clouds with different platforms, there are many challenges as each cloud has their own hardware and software specifications. So, interoperability and the security of user credentials plays a vital role in the future growth of Cloud Computing In this paper, the two-factor authentication scheme for hybrid cloud using Elliptic Curve Cryptography (ECC) and SHA-512 has been proposed while focusing on the two major challenges to accelerate its adoption.

Keywords: Elliptic Curve Cryptography (ECC), SHA-512, Cloud Security

#### 1. INTRODUCTION TO CLOUD COMPUTING

Cloud Computing incorporates delivery of Internet services, on-demand deployment, open source software and virtualization. These features helps the enterprises to increase their performance as it is provides the elastic environment in which resources can be dynamically increase or decrease according to the requirement and also pay-as-use feature makes this technology highly acceptable. Many Leading Companies such as Amazon, Google, IBM, Microsoft has invested in Cloud Computing [1]. Besides uploading photos. videos, sharing of data and storing important information on the cloud premises, it has an important feature that an application can be build and then can be deployed without an investment [2].

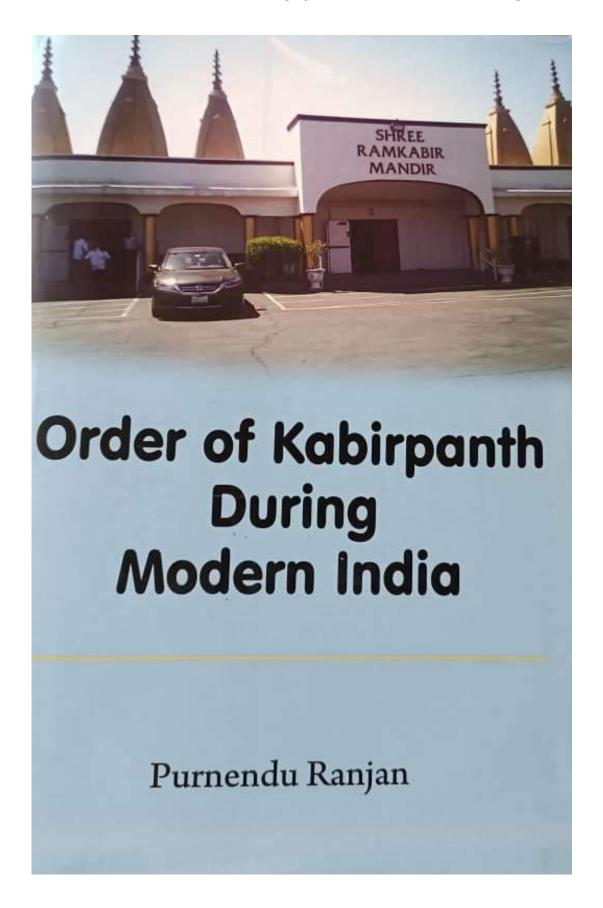
#### 2. CLOUD SECURITY

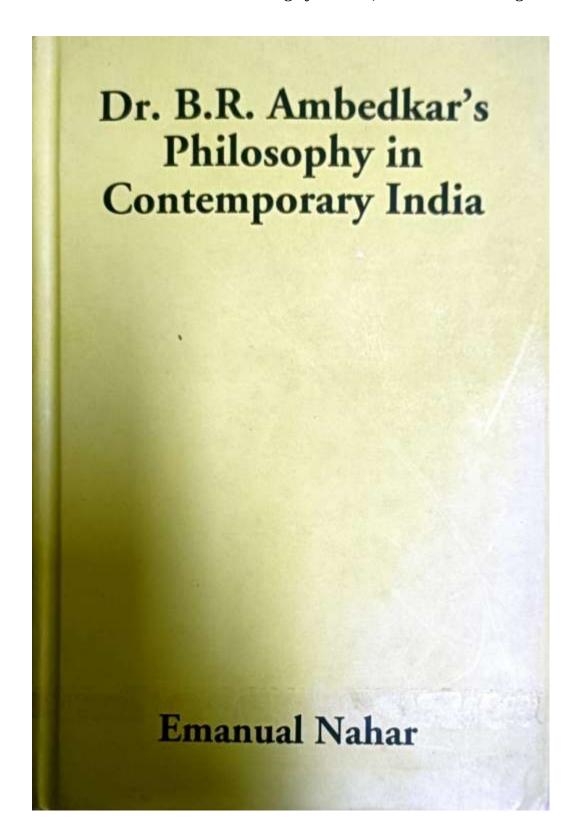
Cloud Security refers to a broad set of policies, technologies, and controls deployed to protect data, applications, and the associated infrastructure of cloud computing [3]. In Cloud environment, hosting can be done by the third party vendors. So, Security is pertinents all the

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Department of Computer Science & Engg., NITTTR, Chandigarh

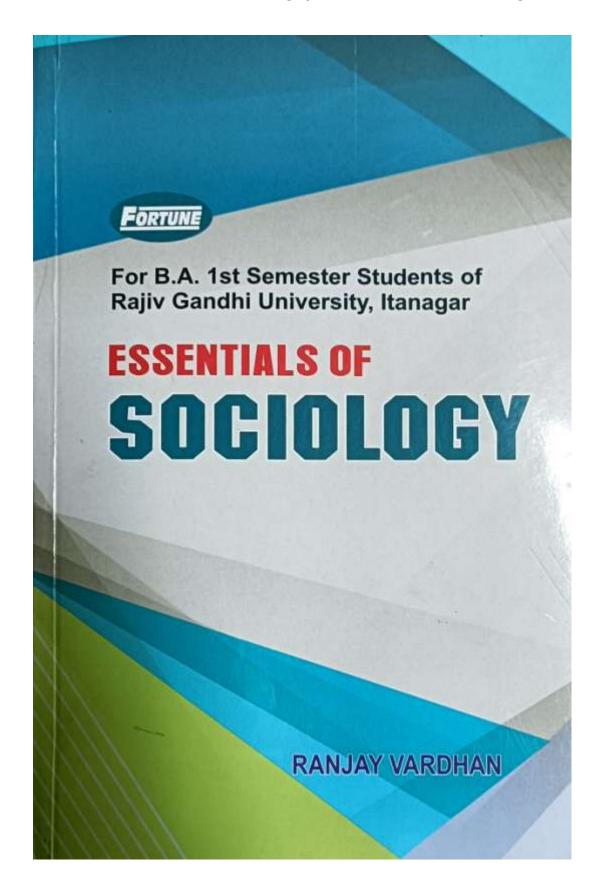
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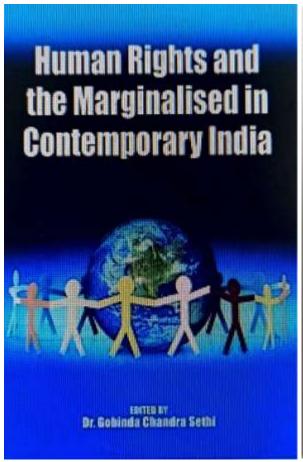




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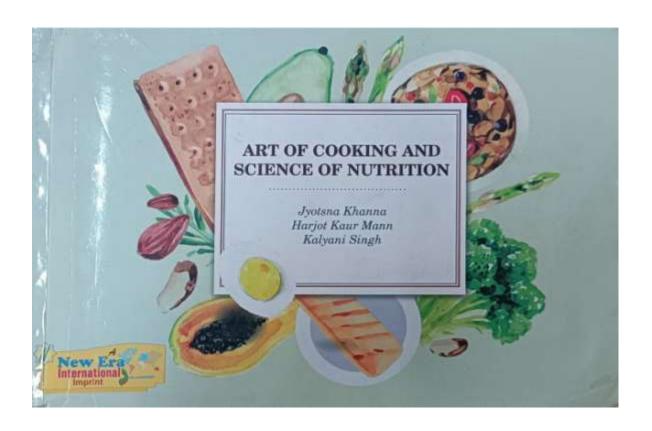


# TRANSGENDERS AND HUMAN RIGHTS: A SOCIOLOGICAL ANALYSIS

#### · Vardhan Ranjay

On April 15, 2014, Supreme Court of India, in National Legal Services authority vs. Union of India ruled that transgenders should be treated as amed category of gender and as a socially and economically backward day entitled to reservation in education and Jobs. The Supreme Court order ensures reservation for the third gender under the OBC category to pursue education or for any government employment schemes. This ning was hailed by activists and transgenders alike but it is true that a and social acceptance will take longer because of the stigma associated on them Transgenders are deprived of social and cultural participation and Constitutional guarantee of equality before tow and equal protection Fise. They are treated as outcast and untouchable. The transgender minutely faces stigma and discrimination and has fewer opportunities to others. However, a new beginning has been made in protion of human rights of transgender community that will bring a social the whole community. The present paper is an attempt to study bluons of transgenders and to give suggestions for improving their ideans it is opined that transgenders who were boycotted, socialarracized and ridiculed will gradually become an integral part of the

Professor in Sociology Past Graduate Dept. of Sociology, Pt. Lovernment Latings





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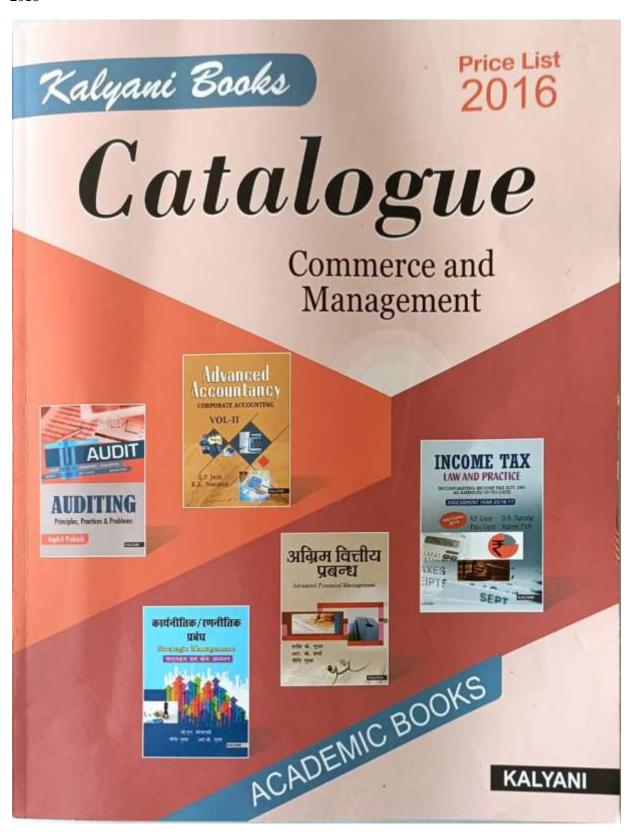




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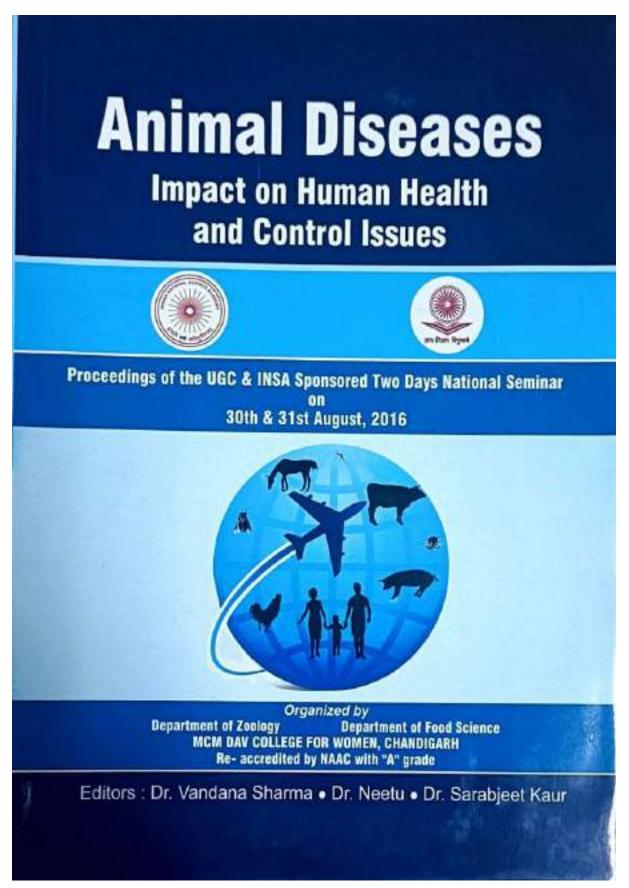




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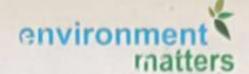
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#### Waste Minimization by Way of Biomass Renewable Energy Resources

Gunjan Sharma<sup>1</sup>, Leena Verma<sup>1</sup>, Sunita Kumari<sup>1</sup>, Sumit Dabhi<sup>1</sup>, Dalip Kumar<sup>2</sup>

<sup>1</sup>Department of Biotechnology, PGGCG-42, Chandigarh

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abstract - The importance of energy for a nation's relopment cannot be over emphasized. This is because energy the corner stone of economic and social development. As a sult of the growing worldwide concern regarding paromental impacts, particularly climate change from the use fossil fuels, the volatile fossil fuel market and the need for an generated energy supply to sustain economic development, ere is currently a great deal of interest in renewable energy in neral and biomass energy in particular. Biomass is one of the os common and easily accessible renewable energy resources d represents a great opportunity as a feedstock for energy. Globally, 140 billion metric tons of biomass is erated every year from agriculture. This volume of biomass be converted to an enormous amount of energy and raw genals equivalent to approximately 50 billion tons of oil. mass fuel that has gained national attention with rising fossil prices. Biomass feaf pellets are one kind of fuels that etains as high calorific value as traditional fuels. Besides, as mass pellets can be made from low cost material, there is a demand in the market. The leaf pellets will burn fully, mly and after burning with little smoke and ash. The various mensions of biomass as source of energy and minimization of use will be highlighted.

Erpwords - Biomass, Waste, Renewable Energy, Pellet

#### 1. INTRODUCTION

The use of biomass as an energy source has been of great to members of the agricultural community in recent in because of its potential as a carbon and domestically Macible type of fuel. Biomass can be grown in a variety of such as fast growing trees, perennial grasses, and foultural crop residues, fallen autumn waste leaves etc. wes a form of biomass is chemically composed mostly of cellulose, cellulose and lignin. On a dry-weight basis, all to cell walls consist mainly of sugar-based polymers sohydrates, 65-75 %) that are combined with lignin (18-9. Pellets are among the fine fire fuels that can be easily fixed from biomass such as leaves (Rowell M. R., 2005). importance of energy for a nation's development cannot wer emphasized. This is because, energy is the corner of economic and social development (El-Sacidy et al., 9 Biomass is one of the most common and easily ble renewable energy resources and represents a great

opportunity as a feedstock for bioenergy (Phonphuak, N. Thiansem S et al., 2012). Biomass pellets are generally a superior fuel when compared to their raw feedstock. Not only are the pellets more energy dense, they are also easier to handle and use in automated feed systems. These advantages, when combined with the sustainable and ecologically sound properties of the fuel, make it very attractive for use.

Biomass in compact form results into a uniform solid densified fuel called briquettes or pellets. The pelleting of biomass improves its handling characteristics, increase the volumetric Calorific value reduces transportation costs and makes it available for a variety of application. It has higher density and energy content and less moist compared to its raw materials. Sometimes pelleting of biomass can be done using various techniques, either with or without binder addition

(A.B.Nasrin, A.N.Ma, Y.M.Choo, S.Mohamad et al., 2008).

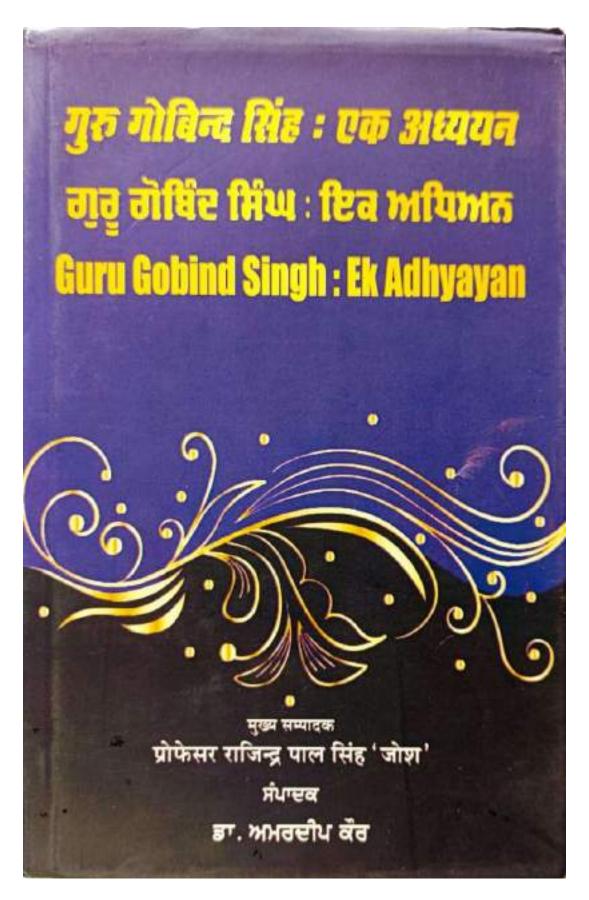
The pellets made from biomass can be used for domestic purposes (cooking, heating, barbequing) and industrial purposes (agro-industries, food processing) in both rural and urban areas. The end use of pellets is mainly for replacing coal substitution in industrial process heat applications (steam generation, melting metals, space heating, brick kilns, tea curing, etc.) and power generation through gasification of biomass pellets. Being derived from renewable resources, the pellets has superior qualities as well as environmental benefits in comparison with coal and other firels (Maninder, Rupinderjit Singh Kathuria, Sonia Grover et al., 2012). This study was aimed at identifying conditions that allow the production of quality pellets from such a small scale machine. This work will benefit in setting guidelines for the effective operation of a small scale pellet mill and will allow being confident of results when producing pellets in a value added

#### II. MATERIALS AND METHODS

The general manufacturing process of these leafy pellets is in a way the raw material, which is of different sizes, arrives at a reception area, where it is weighed and its mossture measured. In a first stage, the size of the material is reduced to 20-40 mm with a hammer splinter. Since the raw material has different levels of moisture, it is necessary to dry it until its moisture is lower than 15%. The reduction in moisture content is achieved by a rotary drier. The generation of hot air for the

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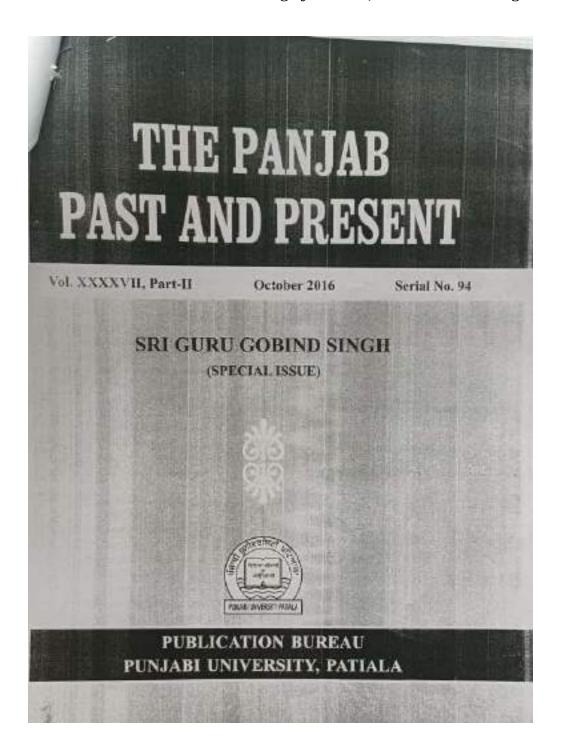


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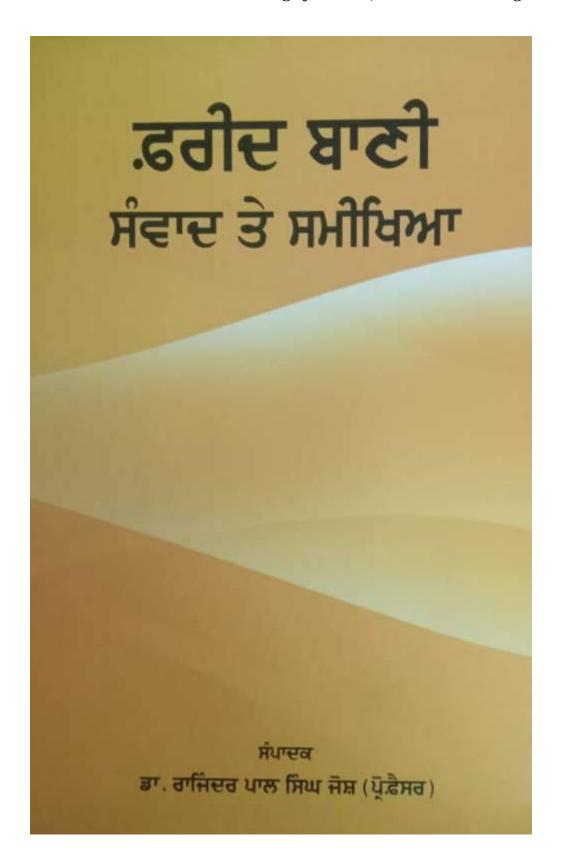
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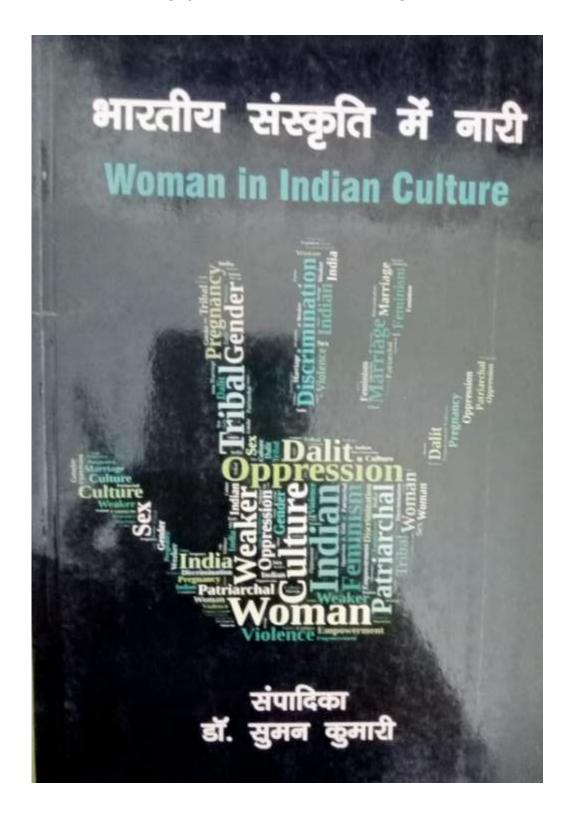
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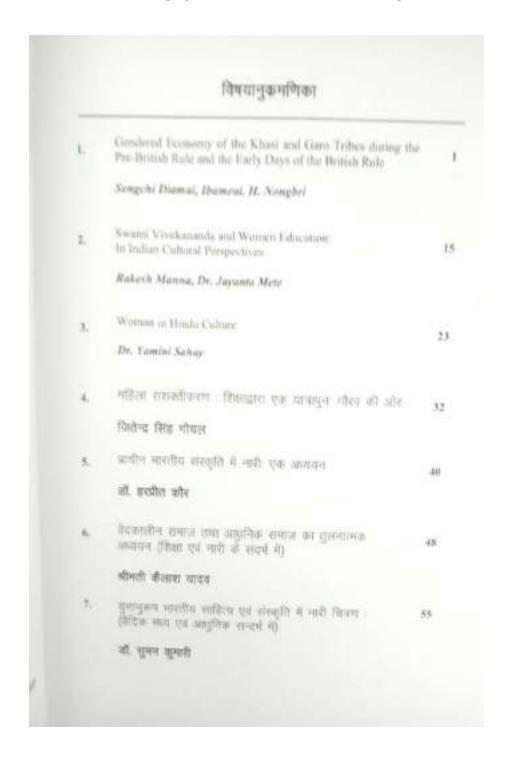
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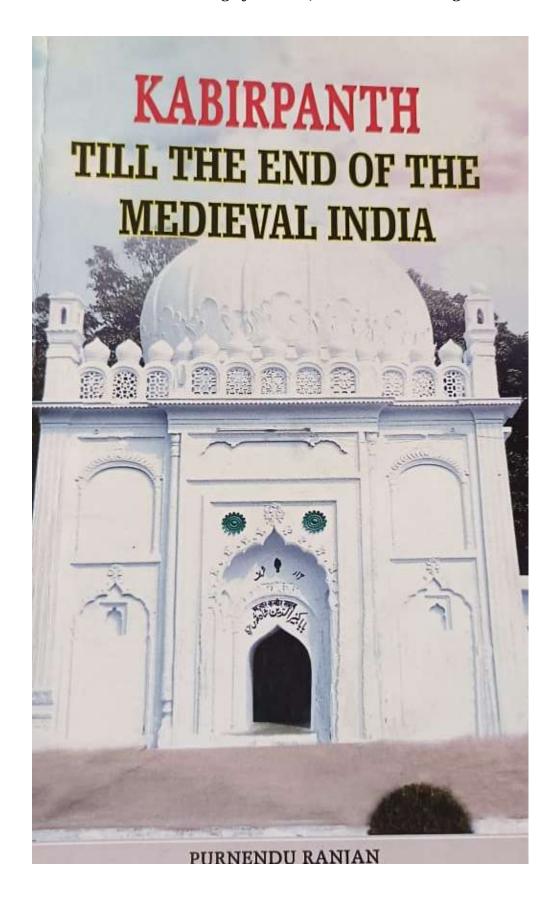
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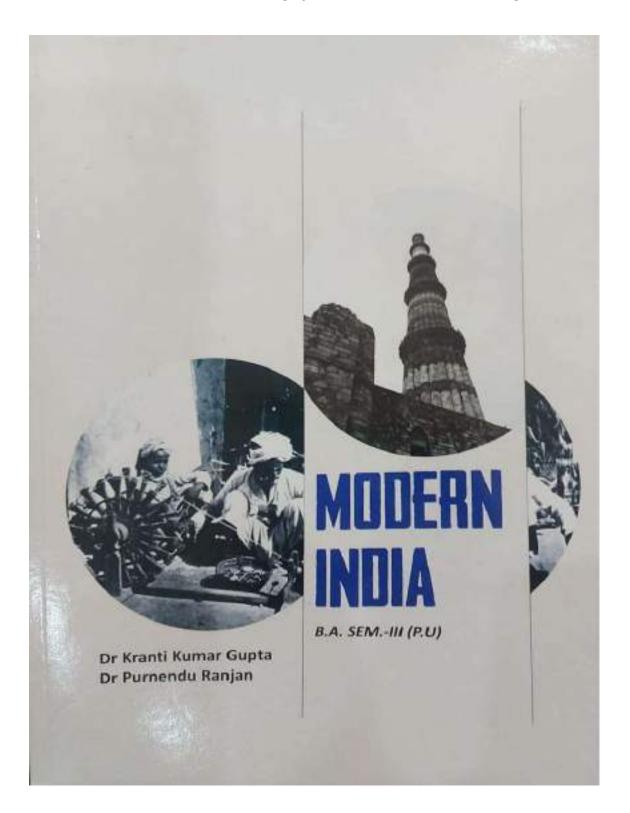
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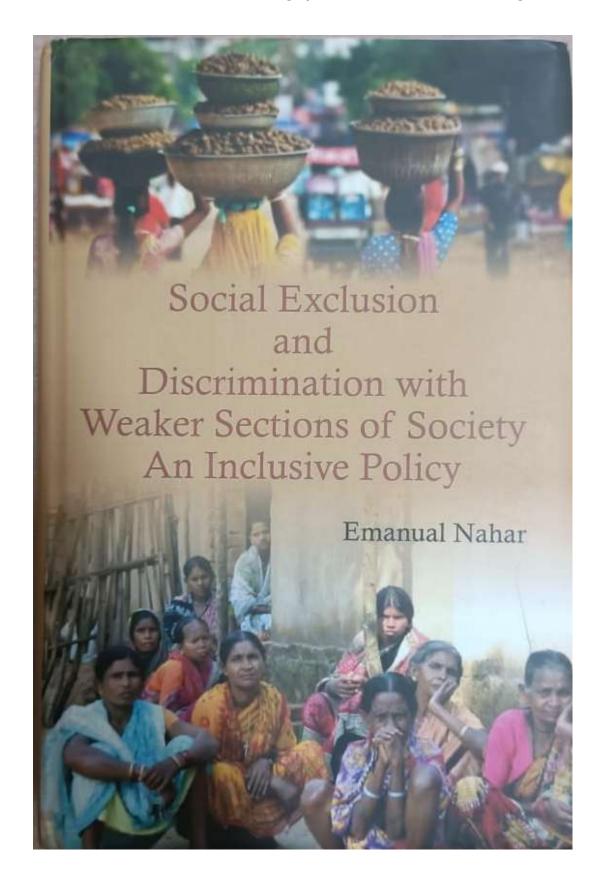
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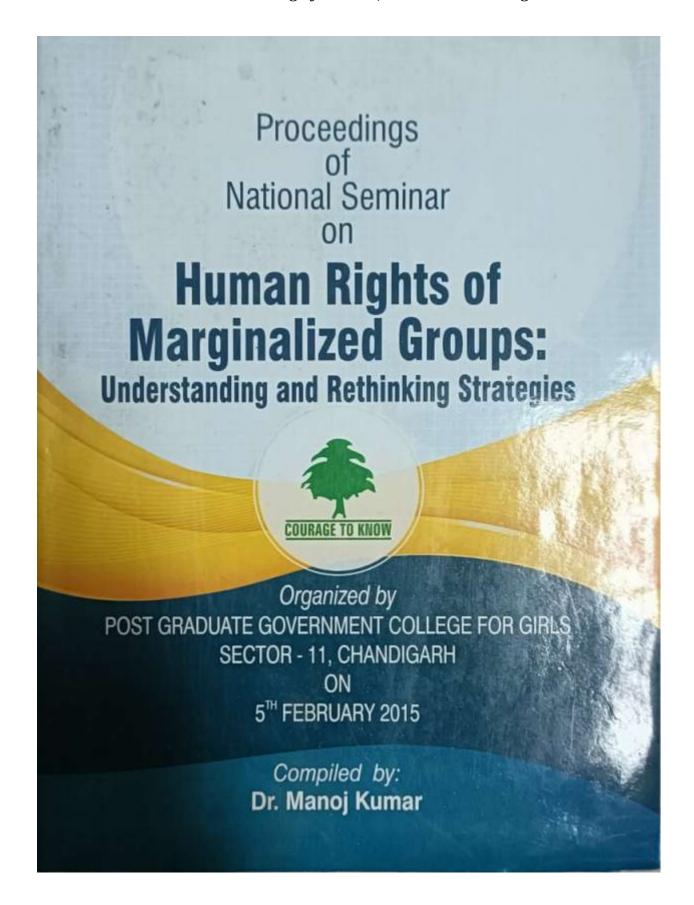
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- 5. Human rights issues of the Marginalised groups of Schedule Castes and Schedule Tribe
- 6. Violations of Human Rights of Dalit Women
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  7. All Minorities Constitute Absolute Majority: Reorientation of Research is Need of the Hon.

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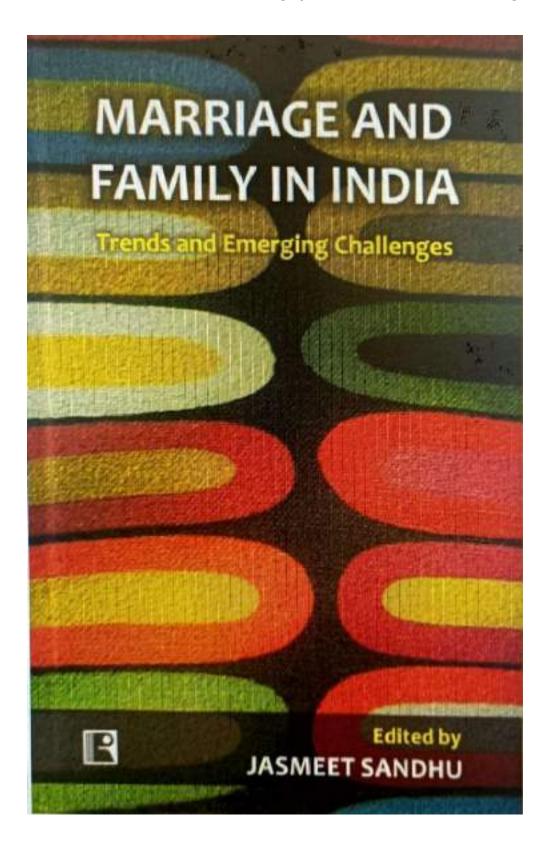
#### Session 5 Human Rights of Women, Children and Differently Abled: Violations and Protection

Venue: Seminar Room Time: 2.30 PM to 4.00 PM

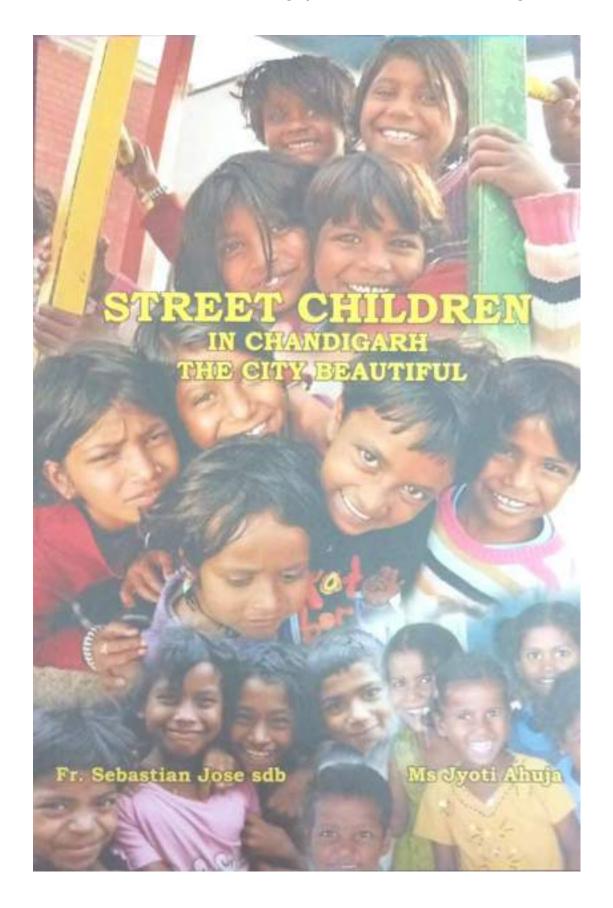
Chair: Dr Sunil Khosla, Principal, BB PU Constituent College, Balachaur Distt SBS Nagar

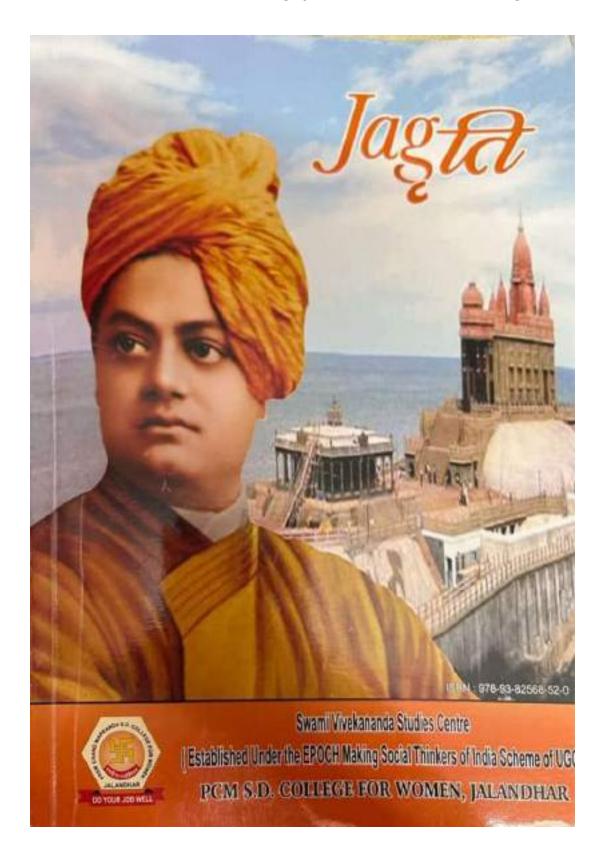
Co-chair: Ms Beenu Dogra, Vice Principal, PG GCG Sector 11, Chandigarh

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  - Dharmeshwari Lourembam
- 3. Human rights : from aged prospective
  - Dr. Rimple Jeet Kaur
- 4. Nutritional deficiency in children: Violation of Human Rights
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- 6. Human Rights Violation of Migrant Female Care Workers in India
  - Dr. Seepana Prakasam
- 7. Malnutrition among Children: Violation of human right for adequate food and nutrition M. Dhrakshayani
- Safe Motherhood and Human Rights
  - Dr. Ranjay Vardhan
- 9. Child Marriages In India: A Violation of Human Rights
  - Divya Pandit
- 10. Child Sexual Abuse: A Human Rights Perspective
- 11. Perspective of Human Rights & Hindrances in Mainstreaming Women
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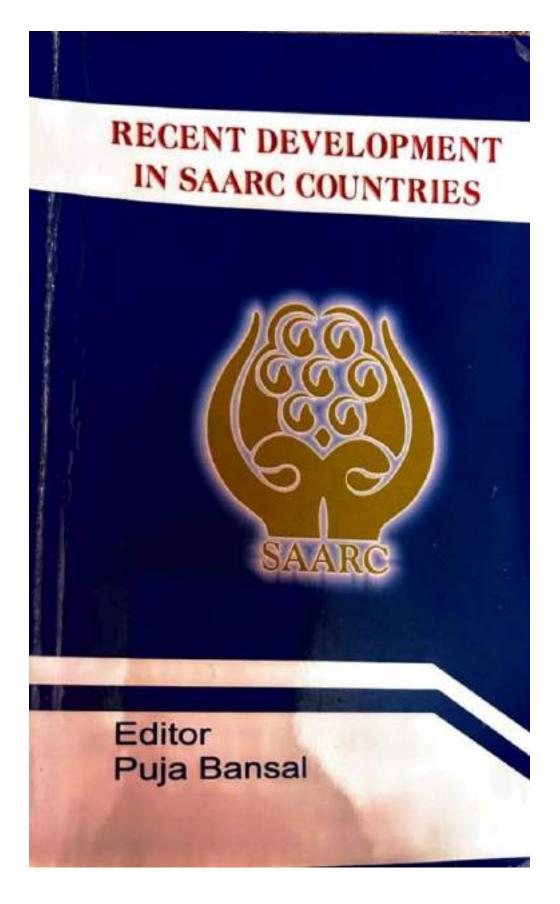
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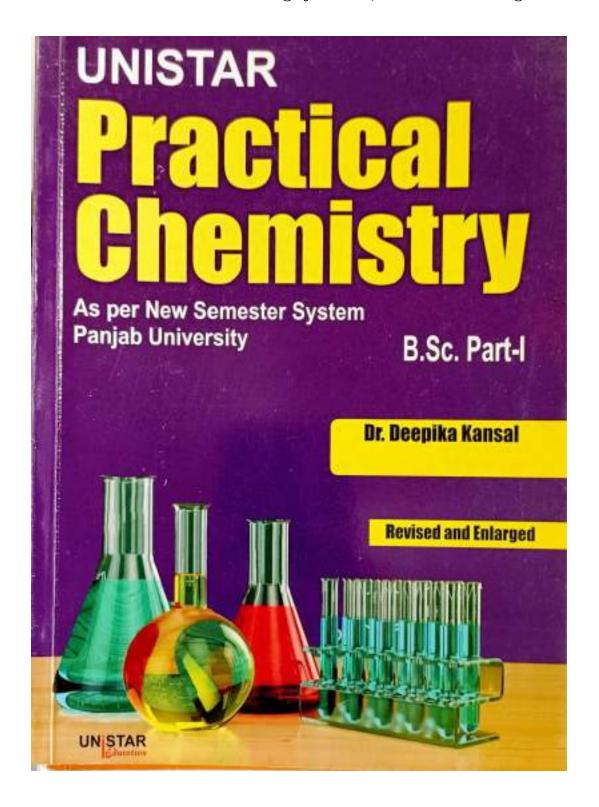
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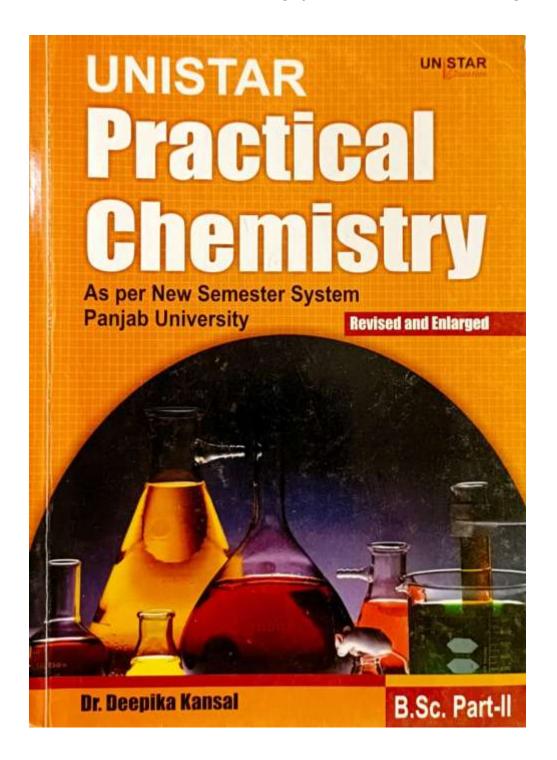
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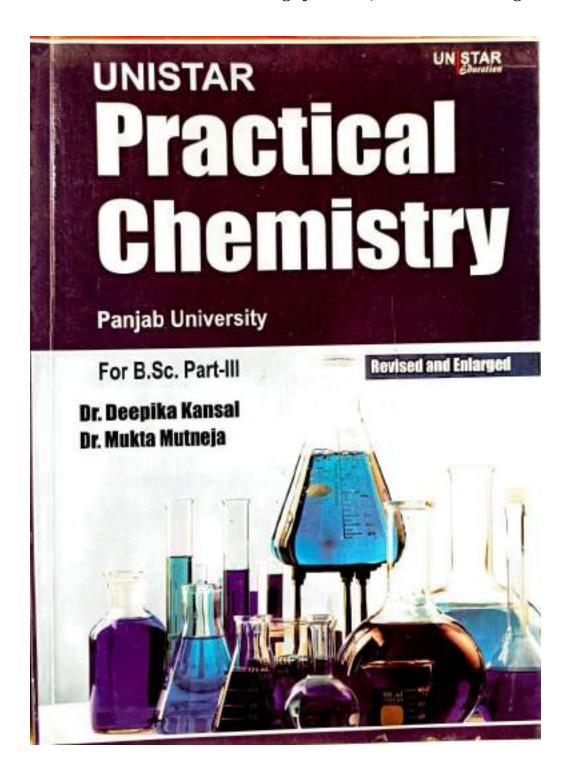


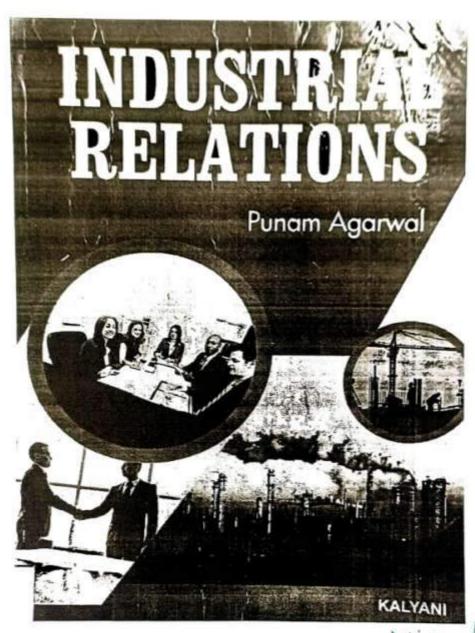
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