

## **DECLARATION**

This doctoral thesis on “**Human Rights Education: A Study with Special reference to Professionals Working in the field of Engineering and Technology**” is the result of my own research work pursued under the guidance and supervision of Dr. Girjesh Shukla, Associate Professor (Law), Himachal Pradesh National Law University, Shimla. I hereby declare that this study is original and has not been submitted, in part or full, for the award of any other degree to any other university. My reliance on other’s works or publications and previous primary and secondary sources has been properly attributed at relevant places.

**Vinit Kumar Sharma**

Enrollment No. 9020171801

Place: Shimla

Date:

# PLAGIARISM CERTIFICATE

(Form 6)



## HIMACHAL PRADESH NATIONAL LAW UNIVERSITY, SHIMLA

(To be issued by the Librarian/Assistant Librarian of the University and tested by the Supervision and verified by Chair Person BOS/RAC).

### PLAGIARISM VERIFICATION

Title of the Thesis.....

.....

..... Total Pages .....

Researcher .....

Supervisor .....

This is to report that the above thesis was scanned for similarity detection. Process and outcome is given below:

Software used ..... Date .....

Similarity Index ..... Total Word count .....

The complete report is submitted along with this form.

Asst. Librarian

Checked by

Name & Signature

The complete report of the above thesis has been reviewed by the undersigned. (Check Box)

The similarity index is below accepted norms.

The similarity index is above accepted norms, because of the following reasons:

1. ....

2. ....

3. ....

4. ....

5. ....

The thesis may be considered for the award of degree. (Relevant documents attached).

Student













Supervisor

Dean Academic Affairs  
(Signature with Seal)

## Document Information

<b>Analyzed document</b>	Thesis for Plagiarism Checking.docx (D88670482)
<b>Submitted</b>	12/10/2020 9:36:00 AM
<b>Submitted by</b>	
<b>Submitter email</b>	arun@hpnlu.ac.in
<b>Similarity</b>	7%
<b>Analysis address</b>	hpnlu.arun.hpnlu@analysis.arkund.com

## Sources included in the report

<b>W</b>	URL: <a href="https://www.ohchr.org/EN/Issues/Education/Training/Pages/Programme.aspx">https://www.ohchr.org/EN/Issues/Education/Training/Pages/Programme.aspx</a> Fetched: 12/10/2020 9:38:00 AM		<b>6</b>
<b>W</b>	URL: <a href="https://www.k12academics.com/education-issues/human-rights-education/human-rights-...">https://www.k12academics.com/education-issues/human-rights-education/human-rights- ...</a> Fetched: 12/10/2020 9:38:00 AM		<b>3</b>
<b>W</b>	URL: <a href="http://hrlibrary.umn.edu/edumat/gettingitright.pdf">http://hrlibrary.umn.edu/edumat/gettingitright.pdf</a> Fetched: 12/10/2020 9:38:00 AM		<b>18</b>
<b>W</b>	URL: <a href="https://shodhganga.inflibnet.ac.in/bitstream/10603/105058/15/15_chapter%207.pdf">https://shodhganga.inflibnet.ac.in/bitstream/10603/105058/15/15_chapter%207.pdf</a> Fetched: 11/26/2019 1:28:10 PM		<b>8</b>
<b>W</b>	URL: <a href="https://equitas.org/wp-content/uploads/2011/01/b3c7_IH RTP2010_Resource_Manual.pdf">https://equitas.org/wp-content/uploads/2011/01/b3c7_IH RTP2010_Resource_Manual.pdf</a> Fetched: 3/26/2020 3:16:58 PM		<b>7</b>
<b>W</b>	URL: <a href="https://www.coe.int/web/compass/introducing-human-rights-education">https://www.coe.int/web/compass/introducing-human-rights-education</a> Fetched: 11/4/2019 10:43:59 AM		<b>7</b>
<b>W</b>	URL: <a href="https://europe.ohchr.org/Documents/Publications/MakeADifference_EN.pdf">https://europe.ohchr.org/Documents/Publications/MakeADifference_EN.pdf</a> Fetched: 12/10/2020 9:38:00 AM		<b>20</b>
<b>W</b>	URL: <a href="https://equitas.org/wp-content/uploads/2016/07/EAHRP-2016-Resource-Manual-Final.pdf">https://equitas.org/wp-content/uploads/2016/07/EAHRP-2016-Resource-Manual-Final.pdf</a> Fetched: 2/14/2020 11:43:33 AM		<b>17</b>
<b>W</b>	URL: <a href="https://en.wikipedia.org/wiki/Human_rights_education">https://en.wikipedia.org/wiki/Human_rights_education</a> Fetched: 12/10/2020 9:38:00 AM		<b>2</b>
<b>W</b>	URL: <a href="https://ustpaul.ca/upload-files/EthicsCenter/HumanRightsTheory&amp;Practice-Walters.pdf">https://ustpaul.ca/upload-files/EthicsCenter/HumanRightsTheory&amp;Practice-Walters.pdf</a> Fetched: 12/10/2020 9:38:00 AM		<b>11</b>
<b>W</b>	URL: <a href="https://www.theadvocatesforhumanrights.org/uploads/ch_2_2.pdf">https://www.theadvocatesforhumanrights.org/uploads/ch_2_2.pdf</a> Fetched: 12/10/2020 9:38:00 AM		<b>10</b>
<b>W</b>	URL: <a href="https://nou.edu.ng/sites/default/files/2018-10/INR%20461_docx.pdf">https://nou.edu.ng/sites/default/files/2018-10/INR%20461_docx.pdf</a> Fetched: 4/26/2020 8:31:29 AM		<b>22</b>

## **CERTIFICATE**

This is to certify that Mr. Vinit Kumar Sharma, has worked under my supervision on the topic **“Human Rights Education: A Study with Special reference to Professionals Working in the field of Engineering and Technology”**. To the best of my knowledge, the work reported in this thesis is original and has not been submitted either in part or full to any other institution. I am satisfied that this thesis is worth consideration for award of degree of Doctor of Philosophy in Law.

Supervisor

Dr. Girjesh Shukla  
Associate Professor of Law  
Himachal Pradesh National Law University,  
Shimla

Dean Academic Affairs  
(Signature with Seal)

Place: Shimla

Date:

**STUDENT APPROVAL FORM (FOR SHODHGANGA PURPOSE)**

Name of the author	
Department	
Degree	
University	
Guide	
Thesis Title	
Year of Award	

## Agreement

1. I hereby certify that, if appropriate, I have obtained and attached hereto a written permission/statement from the owner(s) of each third party copyrighted matter to be included in my thesis/dissertation, allowing distribution as specified below.
2. I hereby grant to the university and its agents the non-exclusive license to archive and make accessible, under the conditions specified below, my thesis/dissertation, in whole or in part in all forms of media, now or hereafter known. I retain all other ownership rights to the copyright of the thesis/dissertation. I also retain the right to use in future works (such as articles or books) all or part of this thesis, dissertation, or project report.

## Conditions:

1. Release the entire work for access worldwide	
2. Release the entire work for 'My University' only for 1 Year, 2 Year, 3 Year and after this time release the work for access worldwide.	
3. Release the entire work for 'My University' only while at the same time	

<p>releasing the following parts of the work (e.g. because other parts relate to publications) for worldwide access.</p> <p>a) Bibliographic details and Synopsis only.</p> <p>b) Bibliographic details, synopsis and the following chapters only.</p> <p>c) Preview/Table of Contents/24 page only.</p>	
<p>4. View Only (No Downloads) (worldwide)</p>	

Signature of the Scholar

Signature of the Supervisor

Place : \_\_\_\_\_

Date : \_\_\_\_\_

## ACKNOWLEDGEMENTS

ध्यानमूलं गुरुर्मूर्तिः, पूजामूलं गुरुरपदम् ।

मन्त्रमूलं गुरुर्वाक्यं, मोक्षमूलं गुरुर्कृपा ॥

I feel my expressions are getting constricted by the limits of language. First of all, I owe abundant thanks to Prof. (Dr.) Nishtha Jaswal, worthy Vice-Chancellor, Himachal Pradesh National Law University, Shimla, and a guiding light, for providing me motherly guidance and care in the completion of my research work.

No gratitude is sufficient to express my indebtedness for my worthy supervisor Dr. Girjesh Shukla, can match his benevolence. I thank him whole-heartedly for guiding and bearing me during my research and especially for his ever-smiling, patient self while pointing out improvements and corrections in my work. A Guru, in the truest sense of the word, your guidance, shall illuminate the path of my life much beyond academic pursuits. You were always accessible to me during my whole research and provided me insightful inputs and valuable suggestions since day one. Without your unwavering support and encouragement the completion of the research was not possible at all. Thank you once again Sir for your useful insights, and for always be so appreciative and understanding.

I pay my humble thanks to Prof. (Dr.) S.S Jaswal for all his words and wisdom which inspired and encouraged me to complete my work. My special thanks to Dr. Alok Kumar, Mr. Chanchal Kumar Singh and Mr. Santosh Kumar Sharma, for their consistent support and boosting my morale during research.

I am thankful to Mr. Arun Sharma, and library staffs of HPNLU Shimla, who were always eager and cheerful in helping me, they all deserve my whole-hearted appreciation and thanks. I would like to thank my respondents and the facilitators for supporting me and providing me all information, data and the valuable ideas for completing my research work, without which my research would have been meaningless. My heartily gratitude to the people of 'Himachal Pradesh' for giving me homely atmosphere during my stay in 'Queen of Hills'. I am greatly obliged for your support and company to make my stay possible and productive during COVID-19 pandemic.

I am gratified to my teachers during my academic journey in Saharanpur, Faridabad, Rewari, Hyderabad, Chennai, Lucknow, Mumbai, and Delhi for laying and strengthening the foundations of education. Your teachings and motivation was always a ray of guidance in my academic pursuit for doctoral work. My special thanks to my friends Vikram Singh, Radha Sharma, Ravi Ranjan, Mirza Yusuf Baig, Subham Tripathi, Neeraj Sharma, Satyajit Patnayak, Monu Kumar and Tarun Gautam for their consistent support and boosting morale during my struggle to achieve targets of research. I always miss your company.

The lessons and guidance by my late Grandfather Pt. Sitaram Vasistha, a teacher himself have taught me to think rationally without compromising morality. My father Mr. Anil Kumar Sharma, and mother Mrs. Savita Sharma, has always been my pillar of strength and motivation during my life. My brother Mr. Puneet Sharma and sister Mrs. Deepika Sharma were always there to support me in the completion of my doctoral work. Innocent smile of my niece Devanshi, and nephew Yash was the best stress buster for me to relax after sessions of brainstorming and research work.

I thank Shri Krishna, and all others who helped me in this endeavour.

Date:

(Vinit Kumar Sharma)

Place:

## LIST OF ABBREVIATIONS

AI	Artificial Intelligence
AICTE	All India Council of Technical Education
ASEAN	Association of Southeast Asian Nations
BCE	Before the Common Era/ Before the Current Era
B. E.	Bachelor of Engineering
BHU	Banaras Hindu University
B. Tech.	Bachelor of Technology
CAT	Convention against Torture and Other Cruel Inhuman or Degrading Treatment or Punishment
CBDR	Common but Differentiated Responsibilities
CE	Civil Engineering
CED	Convention for the Protection of All Persons from Enforced Disappearance
CRPD	Convention on the Rights of Persons with Disabilities
CEDAW	Convention on Elimination of Discrimination against Women
CERD	International Convention on the Elimination of All Forms of Racial Discrimination
CPR	Civil and Political Rights
CRC	Conventions Protecting the Rights of Children
CRC-OP-AC	Optional Protocol to the Convention on the Rights of the Child on the Involvement of Children in Armed Conflict
CRC-OP-SC	Optional Protocol to the Convention on the Rights of the Child on the Sale of Children, Child Prostitution and Child Pornography
CTVE	Convention on Technical and Vocational Education, 1989
CS	Computer Science
CSR	Corporate Social Responsibility

D.C.	District of Columbia
DPSP	Directive Principles of State Policy
E&T	Engineering and Technology
ECE	Electronics and Communication Engineering
EE	Electrical Engineering
EIA	Environmental Impact Assessment
Eng	Engineering
ESCR	Economic Social and Cultural Rights
ESI	Employee's State Insurance Corporation
e.g.	exempli gratia/ for example
HEI	Higher Education Institutions
HIV/ AIDS	Human Immunodeficiency Virus/ Acquired Immune Deficiency Syndrome
HR	Human Rights
HRC	Human Rights Council
HRE	Human Rights Education
HRIA	Human Rights Impact Assessment
HS/ HSS	Humanities and Social Sciences
i.e.	id est/ in other words
IBoHR	International Bill of Human Rights
ICCPR	International Covenant on Civil and Political Rights 1966
ICERD	International Convention on Elimination of Racial Discrimination
ICESCR	International Covenant on Economic, Social and Cultural Rights 1966
ICMW	International Convention on the Protection of the Rights of All Migrant Workers and Members of their Families
ICT	Information and Communication Technology

IFR	International Federation of Robotics
IISC	Indian Institute of Science
IIT	Indian Institute of Technology
IIT BHU	Indian Institute of Technology Banaras Hindu University
IIT ISM	Indian Institute of Technology Indian School of Mines
ILI	Indian Law Institute
ILO	International Labour Organisation
IMF	International Monetary Fund
IPC	Indian Penal Code
IPR	Intellectual Property Rights
ISMW Act	Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act (1979)
ISO	International Organisation for Standards
IT	Information Technology
ITI	Industrial Training Institute
LL. B.	Bachelor of Laws
LL. M.	Master of Laws
M. A.	Master of Arts
MC	Mandatory Course
ME	Mechanical Engineering
M.E.	Master of Engineering
MDGs	Millennium Development Goals
MNCs	Multinational Corporations
M. Tech.	Master of Technology
NCC	National Cadet Corps
NCERT	National Council of Research and Training

NIT	National Institute of Technology
NGOs	Non Government Organisations
NHRC	National Human Rights Commission
NSO	National Sports Organisation
NSS	National Service scheme
OE	Open Electives
OECD	Organisation for Economic Corporation and Development
OEMs	Original Equipment Manufacturers
OHCHR	Office of the United Nations High Commissioner for Human Rights
PACE	Parliamentary Assembly of the Council of Europe
P.G.	Post Graduate
Ph. D.	Doctor of Philosophy
PHRA	Protection of Human Rights Act, 1993
RTI	Right to Information
RTI Act	Right to Information Act 2005
S&T	Science and Technology
SC	Schedule Caste
Sci	Science
SEBI	Securities and Exchange Board of India
SEM	Semester
SDGs	Sustainable Development Goals
SHRC	State Human Rights Commission
ST	Schedule Tribe
STEM	Science, Technology, Engineering and Math
TB	Tuberculosis

Tech	Technology
UDHR	Universal Declaration of Human Rights
U.G.	Under Graduate
UGC	University Grant Commission
UN	United Nations
UNDESA	United Nations Department of Economic and Social Affairs
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNGA	United Nations General Assembly
UNGPs	Guiding Principles on Business and Human Rights
UNHCR	Office for the United Nations High Commissioner for Refugees
UNHRC	United Nations Human Rights Commission
UNITWIN	University Twining and Networking Programme
UNU-WIDER	United Nations University- World Institute for Development Economics Research
U.S.A/ U.S.	United States of America
UNDRIP	United Nations Declaration on the Rights of Indigenous Peoples
WHO	World Health Organisation
WPHRE	World Programme for Human Rights Education
WTO	World Trade Organisation
WW I/ II	World War I/ World War II

## LIST OF TABLES

Table No.	Table Name	Page No.
6.1	List of Institutions/ Universities Selected for Course Content Analysis	194
6.2	IIT BHU: Subjects/ Topics Important for HRE	195
6.3	IIT Delhi: Subjects/ Topics Important for HRE	196
6.4	IIT Guwahati: Subjects/ Topics Important for HRE	196
6.5	IIT Hyderabad: Subjects/ Topics Important for HRE	197
6.6	IIT ISM Dhanbad: Subjects/ Topics Important for HRE	198
6.7	IIT Kharagpur: Subjects/ Topics Important for HRE	198
6.8	IIT Mumbai: Subjects/ Topics Important for HRE	199
6.9	IIT Patna: Subjects/ Topics Important for HRE	199
6.10	IIT Roorkee: Subjects/ Topics Important for HRE	200
6.11	IIT Tirupati: Subjects/ Topics Important for HRE	201
6.12	Anna University (University Departments): Subjects/ Topics Important for HRE	201
6.13	APJ Abdul Kalam Technological University, Kerala: Subjects/ Topics Important for HRE	203
6.14	Delhi Technological University, Delhi: Subjects/ Topics Important for HRE	204
6.15	Dr. A.P.J. Abdul Kalam Technical University, Lucknow: Subjects/ Topics Important for HRE	205
6.16	IK Gujral Punjab Technical University, Kapurthala: Subjects/ Topics Important for HRE	206
6.17	Jadhavpur University, Kolkata: Subjects/ Topics Important for HRE	206
6.18	Jawaharlal Nehru Technological University, Hyderabad: Subjects/ Topics Important for HRE	207
6.19	Kurukshetra University: Subjects/ Topics Important for HRE	207
6.20	Mumbai University: Subjects/ Topics Important for HRE	208
6.21	Panjab University, Chandigarh: Subjects/ Topics Important for HRE	209
6.22	Status of HRE in Institutions/ Universities Selected for Course Content Analysis	211
6.23	Status of Human Rights Education as per Course Content Analysis in Selected IITs in Selected Streams	214
6.24	Status of Human Rights Education as per Course Content Analysis in Selected State Universities in Selected Streams	215

6.25	Overall Status of Human Rights Education as per Course Content Analysis in Selected IITs and State Universities	215
6.26	Institutions not having Human Rights as part of Course Curriculum at U.G. and P.G. Level	223
6.27	Institutions having Human Rights as part of Course Curriculum at U.G. and P.G. Level	225
6.28.	Courses based on Human Rights in IITs and NITs Selected (As per RTI replies received)	228
6.29	Status of Programmes Conducted on Human Rights in addition to Course Curriculum by IITs Selected during Year 2018	230
6.30	Status of Programmes Conducted on Human Rights in addition to Course Curriculum by NITs Selected during year 2018	231
6.31	RTI Applications, First Appeals and No Reply Details	233
6.32	RTI Response Time Analysis for Selected Institutions	234
6.33	Status of Human Rights Education during Academics	238
6.34	Human Rights Education Policy in Organisation	240
6.35	Human Rights Education in Industry/ Service	241
6.36	Seminars/ Conferences/ Awareness	242
6.37	Status of Human Rights Education during Service	243
6.38	Opinion regarding Human Rights Education during Higher Education	245
6.39	Opinion regarding overall Need of Human Rights Education for Society	246
6.40	Opinion/ Motivation of Respondents regarding Human Rights Education	247
6.41	Overall Research Findings of Primary Data Collection	248

## LIST OF CHARTS

Chart No.	Chart Name	Page No.
6.1	Status of Human Rights Education as per Course Content Analysis in Selected IITs in Selected Streams	213
6.2	Status of Human Rights Education as per Course Content Analysis in Selected State Universities in Selected Streams	214
6.3	Overall Status of Human Rights Education as Per Course Content Analysis in Selected IITs and State Universities	216
6.4	Comparison of Overall Status of HRE among State Universities and IITs in Selected Branches of Engineering	216
6.5	IITs having Course Content based on Human Rights in the Streams of Mechanical Engineering	217
6.6	State Universities having Course Content based on Human Rights in the Stream of Mechanical Engineering	218
6.7	IITs having Course Content based on Human Rights in the Stream of Computer Science and Engineering	219
6.8	State Universities having Course Content based on Human Rights in the Stream of Computer Science and Engineering	220
6.9	IITs having Course Content based on Human Rights in the Stream of Chemical Engineering	221
6.10	State Universities having Course Content based on Human Rights in the Stream of Chemical Engineering	221
6.11	Course Content based on Human Rights in IITs	225
6.12	Course Content based on Human Rights in NITs	225
6.13	Course Content based on Human Rights in IITs and NITs	226
6.14	IITs which conducted any Programme on Human Rights in Year 2018	230
6.15	NITs which Conducted any Programme on Human Rights in Year 2018	232
6.16	IITs and NITs which Conducted any Programme on Human Rights in Year 2018	232
6.17	RTI Applications, First Appeals, and No Reply Details	234
6.18	RTI Response Time Analysis for Selected IITs	234
6.19	RTI Response Time Analysis for Selected NITs	235
6.20	Overall RTI Response Time Analysis for Selected IITs and NITs	235
6.21	Status of Human Rights Education during Academics	239

6.22	Human Rights Education Policy in Organisation	240
6.23	Human Rights Education in Job/ Service	241
6.24	Seminars/ Conferences/ Awareness	243
6.25	Status of Human Rights Education during Service	244
6.26	Opinion regarding Human Rights Education during Higher Education	245
6.27	Opinion regarding overall Need of Human Rights Education for Society	247
6.28	Opinion/ Motivation of Respondents regarding Human Rights Education	248
6.29	Overall Research Findings from Primary Data Collection	249