

# Pt. Harishankar Shukla Smriti Mahavidyalaya Raipur (CG)



Office of the Principal



## Asked Clarification For –

3.3.1	<b>Number of research papers published per teacher in the Journals notified on UGC care list during the last five years</b>
	3.3.1.1. <b>Number of research papers in the Journals notified on UGC CARE list year wise during the last five years</b>
	HEI Input :

2022-23	2021-22	2020-21	2019-20	2018-19
70	12	15	05	04

This PDF includes following things for above clarification –

### INDEX

1. Kindly note that multiple counting of the same publication with same ISSN number by same or different author should be count as one.
2. Please provide the valid link for the paper article in the prescribed data template.
3. Please provide the valid link for the journal website in the prescribed data template.
4. Please provide screenshots of research articles clearly showing the title of the article, affiliation, name of the journal, year and authors name. 6. Kindly note that Publication in the current UGC CARE with ISSN will only be considered.

**Principal**

**Principal**

Pt. Harshankar Shukla  
Smriti Mahavidyalaya  
Kachna, Raipur (C.G.)

# Pt. Harishankar Shukla Smriti Mahavidyalaya, Raipur

## 3.3.1 Number of research papers published per teacher in the Journals notified on UGC website during the last five years

S_no	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
						Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
1	A study on customer perception towards adoption of self service technology in banking with reference to Jhansi City	Vaishali Nainwani	Journal of Advances and scholarly researches in allied education	May-19	2230-7540	<a href="http://www.ignited.in/J/JASRAE">http://www.ignited.in/J/JASRAE</a>	<a href="http://www.ignited.in/l/a/109878">http://www.ignited.in/l/a/109878</a>	UGC Approved
2	Kishorawastha ke vidhyarthiyon ke bhavanatmak, samajik avam shaikshik samayojan ka tulnatmak adhyayan	Dr. Padma Bohre	Emerging trends in Education	Aug-18	0976-8696	Print Only	<a href="https://www.researchgate.net/profile/Harish-Pandey/publication/332319458_concept_and_role_of_ethnomathematics/links/5cad9aff92851ccd4ac07358/concept-and-role-of-ethnomathematics.pdf">https://www.researchgate.net/profile/Harish-Pandey/publication/332319458_concept_and_role_of_ethnomathematics/links/5cad9aff92851ccd4ac07358/concept-and-role-of-ethnomathematics.pdf</a>	UGC Approved
3	Impact of modern technology on current and future education system	Dr. Pooja Dwivedi	Airo International Research Journal	May-18	2320-3714	Print Only	Print Only	UGC Approved No - 63012
4	Implementation of Metal detectors in school : Pros & Cons	Dr. Pooja Dwivedi	Airo national Research Journal	Nov-18	2321-3914	Print Only	Print Only	UGC Approved No - 63014
5	Effectiveness of information and communication technologies in the educational process	Krishna Murali Sahu	Journal of critical reviews	Feb-20	2394-5125	<a href="https://www.jcreview.com/">https://www.jcreview.com/</a>	<a href="https://drive.google.com/file/d/1Xj3OBYBaatLlqVpL1ic0xZRoygKaIKsk/view">https://drive.google.com/file/d/1Xj3OBYBaatLlqVpL1ic0xZRoygKaIKsk/view</a>	Scopus Indexed UGC care group - 2
6	Effectiveness of information and communication technologies in the educational process	Pranjali Dewangan	Journal of critical reviews	Feb-20	2394-5125	<a href="https://www.jcreview.com/">https://www.jcreview.com/</a>	<a href="https://www.jcreview.com/%7Cfulltext/197-1612367101.pdf?1613643063">https://www.jcreview.com/%7Cfulltext/197-1612367101.pdf?1613643063</a>	Scopus Indexed UGC care group - 2
7	Proposal of an effective PSO-Based segmenation algorithm in dynamic environments	Dr. Pranjali Dewangan	Journall of critical reviews	Feb-20	2394-5125		<a href="https://www.jcreview.com/%7Cfulltext/197-1612367101.pdf?1613643063">https://www.jcreview.com/%7Cfulltext/197-1612367101.pdf?1613643063</a>	Scopus
8	Reviewing Ensembled methods in Particle Swarm Optimization (PSO)	Dr. Pranjali Dewangan	International journal of psychosocial rehabilitation	Mar-20	1575-7192		<a href="http://www.psychosocial.com/article/PR2021298/37252/">http://www.psychosocial.com/article/PR2021298/37252/</a>	Scopus
9	Application of ICT in the area of virtual archeology for students with special educational needs in the stage of compulsory secondary education	Dr. Prachi Sharma	PalArch's Journal of Archaeology of Egypt/Egyptology	Jun-20	1567-214X	<a href="https://archives.palarch.nl/index.php/jae/index">https://archives.palarch.nl/index.php/jae/index</a>	<a href="https://archives.palarch.nl/index.php/jae/article/view/2792">https://archives.palarch.nl/index.php/jae/article/view/2792</a>	UGC Approved
10	Value Oriented historical and cultural hermitages at Ayodhya and other places	Prachi Anarth	Kalyanbharti	Jul-20	0976-0822	Print Only		UGC Care Group 1
11	The impact of modernisation on the higher secondary school children:overview of Raipur district.	Prachi Anarth	The journal of oriental research Madras	Sep-20	0022-3301	Print Only		UGC Care Group 1
12	Behavioural changes and Stress in the era of Covid- 19 on child and Old age groups	Dr. Shantanu Pal	Journal of the MSU of Baroda	Oct-20	0025-0422	Print Only		UGC Care Group 1

13	A study of the relationship between educational background and academic performance of B.Ed. Students	<i>Baljit Kaur Bhawara</i>	Shodh sanchar Bulletin	Dec-20	2229-3620	Print Only		UGC Approved Care listed
14	Suchna sanchar takniki ka vigan ke vidyarthiyon ke abhivritti par prabhav ka addhyayan	<i>Khushboo Diwan</i>	Shodh Sarita	Jan-21	2348-2397	Print Only	(Mail Attached)	UGC approved Care listed journal
15	Vidharthiyon ki shaikshik uplabdhi ka adhyan adat avam palkiya protsahan ka tulnatmak adhyan	<i>Prachi Anarth</i>	Dristikon	Jan-21	0975-119x	Print Only		
16	Study on knowledge of communications technology among B.Ed teachers trainees	<i>Khushboo Diwan</i>	IJMER	Jan-21	2277-7881	<a href="http://www.ijmer.in/">http://www.ijmer.in/</a>		Other (Peer Reviewed)
17	B.Ed. PRASIKNARTHIO ka prakshin ke prati shaikhik abhivarti ka adhyan	<i>Prachi Anarth</i>	Dristikon	Feb-21	0975-119X	Print Only	Print Only	UGC Care listed
18	COVID - 19 and mental health of adolescents	<i>Dr. Padma Bohre</i>	International Journal of Advanced Academic Studies	Mar-21	E - 2706-8927 / P - 2706-8919	<a href="https://www.allstudyjournal.com/">https://www.allstudyjournal.com/</a>	<a href="https://www.allstudyjournal.com/archives/2020.v2.i4.D.355">https://www.allstudyjournal.com/archives/2020.v2.i4.D.355</a>	Other (Peer Reviewed)
19	Raipur jile ke viddhyarthiyon me suchna sanchar prodhyogiki ka unke akansha star par pdne wale prabhav ka addhyayan	<i>Khushboo Diwan</i>	Drishtikon	Mar-21	0975-119X	Print Only		UGC Care Group 1
20	A study on the impact of covid 19 on small bussiness and interprises in the state of CG	<i>Dr. Shantanu Pal</i>	IJAE	Oct - Dec - 20	0019-5006	Print Only	<a href="https://drive.google.com/drive/folders/1ZOYxO5gOP3UnV2f171s0gs4gFQ-bi5_y?usp=sharing">https://drive.google.com/drive/folders/1ZOYxO5gOP3UnV2f171s0gs4gFQ-bi5_y?usp=sharing</a>	UGC Care Group 1
21	21vi sadi me bhartiya sansad	<i>Dr. Khemraj Chandrakar</i>	Shodh Sanchar	Apr-Jun-21	2229-3620	Print Only	Print Only	UGC Care
22	Bharat me sasdiy Loktantra ke 70 varsh	<i>Dr. Khemraj Chandrakar</i>	PIJSSL	an-Mar- 2021	2581-6675	<a href="http://www.pijssl.com">www.pijssl.com</a>	<a href="https://www.pijssl.com/p/february-2021.html">https://www.pijssl.com/p/february-2021.html</a>	
23	Bharat me sansdiy karyavahi aur vyavdhan	<i>Dr. Khemraj Chandrakar</i>	AMRJ	Oct - Dec -20	2582-5429		<a href="http://aimrj.com//upload/book/April -June 2021 Vol.">http://aimrj.com//upload/book/April -June 2021 Vol.</a>	Peer Reviewed
24	A Study on Consumer Perception towards organic personal care products	<i>Srishti Shrivastava</i>	Shodh sanchar Bulletin	an-Mar- 2021	2229-3620	Print Only	Print Only	Peer Reviewed
25	A comparative study of attitude towards information communication technology among govt and non-govt schools student of raipur district	<i>Khushboo Diwan</i>	IJCS	Feb-22	2250-1770	<a href="https://ijcspub.org/index.html">https://ijcspub.org/index.html</a>	<a href="https://www.ijcspub.org/papers/IJCSPAA20019.pdf">https://www.ijcspub.org/papers/IJCSPAA20019.pdf</a>	
26	Vikram Seth: Modern Indian english writer	<i>Dr. Urinder Kaur Saini</i>	IJRAR An international open access journal	Sep-21	E - 2348-1269, P - 2349-5138	<a href="https://www.ijrar.org/">https://www.ijrar.org/</a>	<a href="https://www.ijrar.org/papers/IJRAR21C2170.pdf">https://www.ijrar.org/papers/IJRAR21C2170.pdf</a>	Other (International Peer Reviewed)
27	LOAD FREQUENCY CONTROLL OF TWO AREA---- CONTROLLER	<i>Priyanka Sharma</i>	Mukta shabd JOURNAL	22-Apr	2347-3150	<a href="https://app.box.com/s/mcc7u1ellahc6wyzt5tfka7sgefjycuw">https://app.box.com/s/mcc7u1ellahc6wyzt5tfka7sgefjycuw</a>	<a href="https://app.box.com/s/mcc7u1ellahc6wyzt5tfka7sgefjycuw">https://app.box.com/s/mcc7u1ellahc6wyzt5tfka7sgefjycuw</a>	ugc care

28	A study and analysis on the impact of online consumers review and rating on consumer buying behaviour	<i>Srishty shrivastava</i>	TOJQI	Aug-21	7783-7790	<a href="https://www.tojq.net/index.php/journal/article/view/8749/6218">https://www.tojq.net/index.php/journal/article/view/8749/6218</a>	<a href="https://www.tojq.net/index.php/journal/article/view/8749/6218">https://www.tojq.net/index.php/journal/article/view/8749/6218</a>	<b>UGC Approved</b>
29	CHHATISHGARH KE KRISHI ME PRAMUKH FASALO KE OOTPADAN KA VISLASHAN	<i>Megha Dadsena</i>	Shodh Prakalp	22-Mar	2278-3911		Print Only	Peer reviewed
30	Swasthya par rajya ke sarvjanik vyay ke prabhav ka adhyan	<i>Megha Dadsena</i>		22-Mar	0975-4083		Print Only	Peer reviewed
31	ChhATISHGARH me sarvjanik vyay ka shiksha par ooske prabhav ka adhyan KE KRISHI ME PRAMUKH FASALO KE OOTPADAN KA VISLASHAN	<i>Megha Dadsena</i>		22-Mar	0975-4083		Print Only	Peer reviewed
32	Rajyua ke vikas ka pramukh Adhar khanij sansdhan	<i>Megha Dadsena</i>	IJRSS	22-Mar	2347-5145		<a href="https://ijrssonline.in/Issues.aspx?VID=10&amp;IID=1">https://ijrssonline.in/Issues.aspx?VID=10&amp;IID=1</a>	Peer reviewed
33	Bhart me sansdiya shashan pranali ka udbhav avam vikas	<i>Dr. Khemraj Chandrakar</i>	Samagam	Mar-22	2231-0479	<a href="http://www.Samagamresearchjournals.com">www.Samagamresearchjournals.com</a>	<a href="http://www.Samagamresearchjournals.com">www.Samagamresearchjournals.com</a>	Peer and refereed
34	Sansdiya karyavahi me nihit loktantra ka adhar	<i>Dr. Khemraj Chandrakar</i>	BHARTIYA Rajneeti vigyan shodh patrika	Dec-21	2229-452X		<a href="https://www.ijps.net.in/pdf/HINDI%20BRVP%202009-2022/BRVP%202021/BRVP%20Jul-Dec%202021.pdf">https://www.ijps.net.in/pdf/HINDI%20BRVP%202009-2022/BRVP%202021/BRVP%20Jul-Dec%202021.pdf</a>	UGC CARE
35	Chunav Sudhar bhartiya loktantra ki sudranta ka aham kadam	<i>Dr. Pushpesh Pandey</i>	IPSA	Mar-22			Print only	
36	Combined Grey prediction ----- inter connected power systems	<i>Priyanka Sharma</i>	Mukta shabd JOURNAL	Apl-2022	2347-3150	<a href="https://app.box.com/s/mupz9aauoanf9tzw32x5i2w2upe53zw">https://app.box.com/s/mupz9aauoanf9tzw32x5i2w2upe53zw</a>	<a href="https://app.box.com/s/mupz9aauoanf9tzw32x5i2w2upe53zw">https://app.box.com/s/mupz9aauoanf9tzw32x5i2w2upe53zw</a>	ugc care
37	Store atmospherics and customer satisfaction: An Empirical Study	<i>Dr. Sanjay Awasthi</i>	AMOGHVARTA	Sep-22	2583-3189		<a href="https://amoghvarta.com/uploads/current_issue/1667830339tore-Atmospherics-and-Customer-Satisfaction-An-Empirical-Study.pdf">https://amoghvarta.com/uploads/current_issue/1667830339tore-Atmospherics-and-Customer-Satisfaction-An-Empirical-Study.pdf</a>	Double blind peer reviewed journal
38	Store atmospherics and customer satisfaction: An Empirical Study	<i>Yogesh Soni</i>	AMOGHVARTA	Sep-22	2583-3189		<a href="https://amoghvarta.com/uploads/current_issue/1667830339tore-Atmospherics-and-Customer-Satisfaction-An-Empirical-Study.pdf">https://amoghvarta.com/uploads/current_issue/1667830339tore-Atmospherics-and-Customer-Satisfaction-An-Empirical-Study.pdf</a>	Double blind peer reviewed journal
39	Green Marketing: Trends and practices	<i>Yogesh Soni</i>	IJREAM	Oct-22	2454-9150	<a href="https://www.ijream.org/index.html">https://www.ijream.org/index.html</a>	<a href="http://ijream.org/papers/IJREAMV08I0791100.pdf">http://ijream.org/papers/IJREAMV08I0791100.pdf</a>	Peer Reviewed
40	Uchchattar madhyamik star par adhyayanrat vidhyarthiyon ki adhunikta ka prati abhivritti ka tulnatmak adhyayan	<i>Prachi Anarth</i>	Antarrashtriya Hindi avam samajik vigyan shodh patrika	Oct-22	2348-2605		<a href="https://shodhpatrika.in/past.php?p=VOLUME%2010,IS%20SUE%204,OCTOBER-DECEMBER,2022">https://shodhpatrika.in/past.php?p=VOLUME%2010,IS%20SUE%204,OCTOBER-DECEMBER,2022</a>	Other (Peer Reviewed)
41	Green Marketing: Trends and practices	<i>Dr. Sanjay Awasthi</i>	Shodh Samagam	Oct-22	2582-1792		<a href="http://www.shodhsamagam.com/admin/uploads/Green%20Marketing%20Trends%20and%20Practices.pdf">http://www.shodhsamagam.com/admin/uploads/Green%20Marketing%20Trends%20and%20Practices.pdf</a>	Peer Reviewed
42	Chhatra Chhtrao ki shabdik Tarkikta (Verbal Reasoning) ka tulnatmak adhyayan	<i>Dr. Padma Bohre</i>	HINDIRES	Oct-22	2348-2605		<a href="https://shodhpatrika.in/past.php?p=VOLUME%2010,IS%20SUE%204,OCTOBER-DECEMBER,2022">https://shodhpatrika.in/past.php?p=VOLUME%2010,IS%20SUE%204,OCTOBER-DECEMBER,2022</a>	Peer Reviewed Refereed
43	Academic Production Analysis on Content Curation	<i>Dr. Prachi Sharma</i>	Scopus	Nov-22			Print Only	Peer Reviewed Refereed
44	Store atmospherics and customers buying behaviour	<i>Dr. Sanjay Awasthi</i>	IJREAM	Nov-22	24554-9150	<a href="https://www.ijream.org/index.html">https://www.ijream.org/index.html</a>	<a href="http://ijream.org/papers/IJREAMV08I0892101.pdf">http://ijream.org/papers/IJREAMV08I0892101.pdf</a>	PeerReviewed refereed
45	Store atmospherics and customers buying behaviour	<i>Yogesh Soni</i>	IJREAM	Nov-22	24554-9150	<a href="https://www.ijream.org/index.html">https://www.ijream.org/index.html</a>	<a href="http://ijream.org/papers/IJREAMV08I0892101.pdf">http://ijream.org/papers/IJREAMV08I0892101.pdf</a>	PeerReviewed refereed

46	Digital Humanities	<i>Dr. Urinder Kaur Saini</i>	IJREAM	Dec-22	2454-9150	<a href="https://www.ijream.org/index.html">https://www.ijream.org/index.html</a>	<a href="http://ijream.org/papers/IJREAMV08I0993117.pdf">http://ijream.org/papers/IJREAMV08I0993117.pdf</a>	<i>Other (Peer Reviewed)</i>
47	Teacher's attitude towards the use of information communication technology of normal and disabled schools	<i>Khushboo Diwan</i>	IJREAM	Dec-22	2454-9150	<a href="https://www.ijream.org/index.html">https://www.ijream.org/index.html</a>	<a href="http://ijream.org/papers/IJREAMV08I0993111.pdf">http://ijream.org/papers/IJREAMV08I0993111.pdf</a>	<i>Other (Peer Reviewed)</i>
48	Teacher's attitude towards the use of information communication technology of normal and disabled schools	<i>Dr. Padma Bohre</i>	IJREAM	Dec-22	2454-9150	<a href="https://www.ijream.org/index.html">https://www.ijream.org/index.html</a>	<a href="http://ijream.org/papers/IJREAMV08I0993111.pdf">http://ijream.org/papers/IJREAMV08I0993111.pdf</a>	<i>Other (Peer Reviewed)</i>
49	Selected weight training exercises on fitness components and overview	<i>Dr. Rajesh Janghel</i>	IJREAM	Dec-22	2454-9150	<a href="https://www.ijream.org/index.html">https://www.ijream.org/index.html</a>	<a href="http://ijream.org/papers/IJREAMV08I0992102.pdf">http://ijream.org/papers/IJREAMV08I0992102.pdf</a>	<i>Peer Reviewed</i>
50	A review of NEP 2020 : A futuristic approach	<i>Vaishali Lachhwani</i>	IJREAM	Dec-22	2454-9150	<a href="https://www.ijream.org/index.html">https://www.ijream.org/index.html</a>	<a href="http://ijream.org/papers/IJREAMV08I0993115.pdf">http://ijream.org/papers/IJREAMV08I0993115.pdf</a>	<i>UGC List Approved</i>
51	Role of information technology in education sector: A review	<i>Vaishali Lachhwani</i>	Management Journal for Advanced research	Dec-22	2583-1747	<a href="https://mjar.singhpublication.com/index.php/ojs/index">https://mjar.singhpublication.com/index.php/ojs/index</a>	<a href="https://mjar.singhpublication.com/index.php/ojs/article/view/39">https://mjar.singhpublication.com/index.php/ojs/article/view/39</a>	<i>Peer Reviewed</i>
52	A study of innovative and creative approach of Gandhiji's Nai Talim on skill development of Students	<i>Dr. Mamta Sharma</i>	IJREAM	Dec-22	2454-9150		<a href="https://www.ijream.org/IJREAM_V08I10.html">https://www.ijream.org/IJREAM_V08I10.html</a>	<i>Peer Reviewed</i>
53	Prathmik and uchh prathmik vidalayan me vidharthiyo ki upasthiti par madhyana bhojan yojana ke prabhav ka adhyan.	<i>Dr. Mamta Sharma</i>	HINDIRES	Oct-22	2348-2605		<a href="https://shodhpatrika.in/past.php?p=VOLUME%2010,ISSUE%204,OCTOBER-DECEMBER,2022">https://shodhpatrika.in/past.php?p=VOLUME%2010,ISSUE%204,OCTOBER-DECEMBER,2022</a>	<i>Peer Reviewed Refereed</i>
54	Premchand ki kaaljai Rachana	<i>Dr. Savita Singh</i>	Shodhshree	Dec-22	2277-5587	shodhshree@gmail.com www.shodhshree.in	<a href="mailto:shodhshree@gmail.com">shodhshree@gmail.com</a> <a href="http://www.shodhshree.in">www.shodhshree.in</a>	<i>PeerReviewed refereed (international)</i>
55	Teacher Trainees performance:The role of background variables	<i>Baljit Kaur Bhawara</i>	IJREAM	Jan-23	2454-9150	<a href="https://www.ijream.org/index.html">https://www.ijream.org/index.html</a>	<a href="http://ijream.org/papers/IJREAMV08I1094100.pdf">http://ijream.org/papers/IJREAMV08I1094100.pdf</a>	<i>Other (Peer Reviewed)</i>
56	Impact of self service technologies on consumers	<i>Vaishali Lachhwani</i>	IJERMCA	Jan-23	2319-7471	<a href="https://www.erpublications.com/International-Journal-of-Enhanced-Research-in-Management-amp-Computer-Applications-IJERMCA-Impact-Factor-7751-2-dtl.htm">https://www.erpublications.com/International-Journal-of-Enhanced-Research-in-Management-amp-Computer-Applications-IJERMCA-Impact-Factor-7751-2-dtl.htm</a>	<a href="https://www.erpublications.com/uploaded_files/download/dr-vaishali-lachhwani_mELAc.pdf">https://www.erpublications.com/uploaded_files/download/dr-vaishali-lachhwani_mELAc.pdf</a>	<i>Internation Peer Review</i>
57	Gender Inequality: A Termite for rising india	<i>Baljit Kaur Bhawara</i>	IJCR	Jan-23	2393-8358		Print Only	<i>Peer Reviewed</i>
58	uchhatar madhyamik vidharthiyo me netratarav योग्यता अवम जोखिम व्यवहार के मध्या सम्बन्धका अध्यान	<i>Shiva Santoshi Soni</i>	Antarrastryia hindi avam samajik vigyan shodh patrika	Jan-23	2348-2605		<a href="https://shodhpatrika.in/past.php?p=VOLUME%2010,ISSUE%204,OCTOBER-DECEMBER,2022">https://shodhpatrika.in/past.php?p=VOLUME%2010,ISSUE%204,OCTOBER-DECEMBER,2022</a>	<i>PeerReviewed refereed</i>
59	Empowering education system withartifitial intelligence, opportunities and challenges	<i>Dr. Sanjay Awasthi</i>	Shodh Samagam	Jan-23	2581-6918		<a href="http://www.shodhsamagam.com/admin/uploads/Empowering%20Education%20System%20with%20Artificial%20Intelligence%20%20Opportunities%20and%20Challenges.pdf">http://www.shodhsamagam.com/admin/uploads/Empowering%20Education%20System%20with%20Artificial%20Intelligence%20%20Opportunities%20and%20Challenges.pdf</a>	<i>Double blind peer reviewed journal</i>


60	Empowering education system with artificial intelligence, opportunities and challenges	Yogesh Soni	Shodh Samagam	Jan-23	2581-6918		<a href="http://www.shodhsamagam.com/admin/uploads/Empowering%20Education%20System%20with%20Artificial%20Intelligence%20%20Opportunities%20and%20Challenges.pdf">http://www.shodhsamagam.com/admin/uploads/Empowering%20Education%20System%20with%20Artificial%20Intelligence%20%20Opportunities%20and%20Challenges.pdf</a>	Double blind peer reviewed journal
61	Sustainable development through Green Banking Practices	Dr. Sanjay Awasthi	ER PUBLICATION	Feb-23	2319-7471	<a href="https://www.erpublishations.com/our-journals-dtl.php?pid=2">https://www.erpublishations.com/our-journals-dtl.php?pid=2</a>	<a href="https://www.erpublishations.com/uploaded_files/download/dr-sanjay-awasthi-mr-yogesh-soni_niUJv.pdf">https://www.erpublishations.com/uploaded_files/download/dr-sanjay-awasthi-mr-yogesh-soni_niUJv.pdf</a>	International Peer Reviewed/Refereed Journal
62	Sustainable development through Green Banking Practices	Yogesh Soni	ER PUBLICATION	Feb-23	2319-7471	<a href="https://www.erpublishations.com/our-journals-dtl.php?pid=2">https://www.erpublishations.com/our-journals-dtl.php?pid=2</a>	<a href="https://www.erpublishations.com/uploaded_files/download/dr-sanjay-awasthi-mr-yogesh-soni_niUJv.pdf">https://www.erpublishations.com/uploaded_files/download/dr-sanjay-awasthi-mr-yogesh-soni_niUJv.pdf</a>	International Peer Reviewed/Refereed Journal
63	Role of Information Technology in Banking Sector	Ganeshwar Sahu	ER publication	Feb-23	2319-7471	<a href="https://www.erpublishations.com/our-journals-dtl.php?pid=2">https://www.erpublishations.com/our-journals-dtl.php?pid=2</a>	<a href="https://www.erpublishations.com/uploaded_files/download/ganeshwar-sahu_PJXft.pdf">https://www.erpublishations.com/uploaded_files/download/ganeshwar-sahu_PJXft.pdf</a>	International Peer Reviewed/Refereed Journal
64	Wireless Sensor Network	Doleshwar Kesharwani	ER publication	Feb-23	2319-7471	<a href="https://www.erpublishations.com/our-journals-dtl.php?pid=2">https://www.erpublishations.com/our-journals-dtl.php?pid=2</a>	<a href="https://www.erpublishations.com/uploaded_files/download/mr-doleswar-kesharwani-mr-kuldeep-sahu_ILxsB.pdf">https://www.erpublishations.com/uploaded_files/download/mr-doleswar-kesharwani-mr-kuldeep-sahu_ILxsB.pdf</a>	International Peer Reviewed/Refereed Journal
65	Wireless Sensor Network	Kuldeep Sahu	ER publication	Feb-23	2319-7471	<a href="https://www.erpublishations.com/our-journals-dtl.php?pid=2">https://www.erpublishations.com/our-journals-dtl.php?pid=2</a>	<a href="https://www.erpublishations.com/uploaded_files/download/mr-doleswar-kesharwani-mr-kuldeep-sahu_ILxsB.pdf">https://www.erpublishations.com/uploaded_files/download/mr-doleswar-kesharwani-mr-kuldeep-sahu_ILxsB.pdf</a>	International Peer Reviewed/Refereed Journal
66	A relative study On Green Chemistry approach, Environment and Pandemic Covid-19	Preeti Bisen	IJREAM	Feb-23	2454-9150	<a href="https://www.ijream.org/index.html">https://www.ijream.org/index.html</a>	<a href="http://ijream.org/papers/IJREAMV08I1196100.pdf">http://ijream.org/papers/IJREAMV08I1196100.pdf</a>	Peer Reviewed
67	Gender Inequality: A Termite for rising india	Dr. Padma Bohre	IJCR	Feb-23	2393-8359		<a href="http://www.ijcr.com">www.ijcr.com</a>	Peer Reviewed
68	Uchhatar madhyamik shalaon ke kala vanajiya avam vigyan vishay ke vidharthiyo ke vyvasayik akansha ka tulnatmak adyan	Mridula Gupta	Shodh Dristi	Mar-23	0976-6650		<a href="http://www.shodhdristi.com">www.shodhdristi.com</a>	UGC approved, Peer Reviewed Refereed
69	Shikshan Adhigam Prakriya me bahumadhyam upagam ke prayog ka vidyarthiyo ki kaksha samanya uplabdhi avam tarkik vichar yogyata par prabhav ka adhyayan	Dr. Pushpesh Pandey	Shodh Dristi	Mar-23	0976-6650		<a href="http://www.shodhdristi.com">www.shodhdristi.com</a>	UGC approved, Peer Reviewed Refereed
70	Role of artificial intelligence in education - A perspective	Dr. Shantanu Paul	Shodh Samagam	Mar-23	2581-6918		<a href="http://www.shodhsamagam.com">www.shodhsamagam.com</a>	Peer Reviewed
71	Role of artificial intelligence in education - A perspective	Rakesh Manchanda	Shodh Samagam	Mar-23	2581-6918		<a href="http://www.shodsamagam.com">www.shodsamagam.com</a>	Peer Reviewed
72	Growth of e-learning	Mr. Doleshwar Kesharwani	Shodh Samagam	Mar-23	2582-1792		<a href="http://www.shodhsamagam.com">www.shodhsamagam.com</a>	Peer Reviewed
73	Impact of selected Background Variables on Teacher Trainees Performance	Baljit Kaur Bhawara	IJMER	Mar-23	2277-7881		<a href="http://www.ijmer.com">www.ijmer.com</a>	International scientific indexing value
74	Janjati Kalaye - Ek Pehchan	Bhavna Yadav	Shodh Dristi	Mar-23	0976-6650		<a href="http://www.shodhdristi.com">www.shodhdristi.com</a>	UGC approved, Peer Reviewed Refereed
75	Plants used in Hartalika Teej: a major festival of Chhattisgarh	Dr. Poonam Dewangan	IJERSTE	Mar-23	2319-7463		<a href="http://www.ijerste.com">www.ijerste.com</a>	Peer Reviewed Refereed
76	Plants used in Hartalika Teej: a major festival of Chhattisgarh	Barkha Verma	IJERSTE	Mar-23	2319-7463		<a href="http://www.ijrste.com">www.ijrste.com</a>	Peer Reviewed Refereed
77	Fuzzy Expert system for early prediction of coronary artery disease	Dr. Nidhi Mishra	IJERSTE	Mar-23	2319-7463		<a href="http://www.ijrste.com">www.ijrste.com</a>	Peer Reviewed Refereed

78	Fuzzy Expert system for early prediction of coronary artery disease	<i>Pallavi Shrivastav</i>	IJERSTE	Mar-23	2319-7463		<a href="http://www.ijrste.cm">www.ijrste.cm</a>	<i>Peer Reviewed Refereed</i>
79	The use of Artificial Intelligence in Libraries Opportunities and Challenges	<i>Pallavi Shrivastav</i>	Shodh Disha	April-June 23	0975-735X		<a href="http://www.shoddisha.com">www.shoddisha.com</a>	<i>UGC care listed</i>
80	The use of Artificial Intelligence in Libraries Opportunities and Challenges	<i>Dr. Nidhi Mishra</i>	Shodh Disha	April-June 23	0975-735X		<a href="http://www.shodhdisha.com">www.shodhdisha.com</a>	<i>UGC care listed</i>
81	The use of Artificial Intelligence in Libraries Opportunities and Challenges	<i>Kanchan Pawar</i>	Shodh Disha	April-June 23	0975-735X		<a href="http://www.shodhdisha.com">www.shodhdisha.com</a>	<i>UGC care listed</i>
82	Gender Inequality: A Termit for rising india	<i>Khushboo Diwan</i>	IJCR	Mar-23	2393-8360		<a href="http://www.ijcr.com">www.ijcr.com</a>	<i>Peer Reviewed</i>
83	Artificial Intelligence Unrest in India - An outline	<i>Dr. Shantanu Paul</i>	JETIR	Mar-23	2349-5162		<a href="http://www.jetir.com">www.jetir.com</a>	<i>Peer Reviewed</i>
84	A Comparative study of adjustment of married and unmarried lady teacher	<i>Dr. Padma Bohre</i>	Printing Area	Mar-23	2394-5303		<a href="http://www.printingarea.com">www.printingarea.com</a>	<i>UGC Approved</i>
85	Green Marketing: Trends and practices	<i>Dr. Sanjay Awasthi</i>	Shodh Samagam	Mar-23	2581-6918		<a href="http://www.shodsamagam.com">www.shodsamagam.com</a>	<i>UGC Approved</i>
86	Green Marketing: Trends and practices	<i>Yogesh Soni</i>	Shodh Samagam	Mar-23	2581-6918		<a href="http://www.shodsamagam.com">www.shodsamagam.com</a>	<i>UGC Approved</i>
87	Optical properties of undoped and borondoped ZnO and various methods: Mini review	<i>Amit Dubey</i>		Mar-23		<a href="http://www.researchgateway.in">www.researchgateway.in</a>	<a href="http://www.irjmst.com/Artical_details?id=15856">http://www.irjmst.com/Artical_details?id=15856</a>	<i>UGC Approved</i>
88	Exploration in development of deep learning	<i>Dr. Pranjali Dewangan</i>	Journal of Emerging Technologies and Innovative Research (JETRI)	Mar-23	2349-5162	<a href="http://www.jetri.org">www.jetri.org</a>	<a href="http://www.jetri.org">www.jetri.org</a>	<i>UGC Approved</i>
89	Exploration in development of deep learning	<i>Krishna Murali Sahu</i>	Journal of Emerging Technologies and Innovative Research (JETRI)	Mar-23	2349-5162	<a href="http://www.jetri.org">www.jetri.org</a>	<a href="http://www.jetri.org">www.jetri.org</a>	<i>UGC Approved</i>
90	Constrained Optimization Problems using the Particle Swarm Method	<i>Dr. Pranjali Dewangan</i>	International Journal of Research Publication and Reviews	Mar-23	2582-7421	<a href="http://www.ijrpr.com">www.ijrpr.com</a>	<a href="http://www.ijrpr.com">www.ijrpr.com</a>	<i>UGC Approved</i>
91	Sustainable development through green banking practices	<i>Dr. Sanjay Awasthi</i>	ER publication	Feb-23	2318-7471		<a href="http://www.er.com">www.er.com</a>	<i>UGC Approved</i>
92	Sustainable development through green banking practices	<i>Yogesh Soni</i>	ER publication	Feb-23	2318-7471		<a href="http://www.er.com">www.er.com</a>	<i>peer reviewed</i>

93	Review of education and technology from a pedagogical look.	<i>Prachi Sharma</i>	Ravindra bharti journal of philosphy	Vol. XXIV 08. 23	0973-0087	<a href="http://www.ravindrabharatijop.com">www.ravindrabharatijop.com</a>	UGC CARE
94	Media ki bhumika aur bdalti sanskriti	<i>Dr. Savita Singh</i>	Shodh Smagam	April-June 23	2581-6918	<a href="http://www.shodhsamagam.com">www.shodhsamagam.com</a>	UGC CARE
95	Role of curriculum design and its development	<i>Pooja Saxena</i>	IJREAM	Mar-23	2454-9150	<a href="http://www.ijream.com">www.ijream.com</a>	UGC CARE
96	Bhartiya Samaj sudharako ke shaikshik vichoro ke prabhav ka adhyan	<i>Smt. Prachi Anarth</i>	Sansodhok	Mar-23	2354-5990	<a href="http://www.sansodhk.com">www.sansodhk.com</a>	UGC CARE
97	Kanya mahavidalaya v sahsikshan mahavidalayo ke chatrao me chinta ka tulnatmak adhyan karna	<i>Dr. Pushpesh Pandey</i>	IJCR	23-Feb	2393-8358	<a href="http://www.ijcr.com">www.ijcr.com</a>	Peer reviewed and refereed
98	Kanya mahavidalaya v sahsikshan mahavidalayo ke chatrao me chinta ka tulnatmak adhyan karna	<i>Mridula Gupta</i>	IJCR	23-Feb	2393-8358	<a href="http://www.ijcr.com">www.ijcr.com</a>	Peer reviewed and refereed
99	Transformative power of school Education : Mixed method study on cognitive, social ,and emotional development of children in CG, India	<i>Prachi Sharma</i>	RBU-Journal of economics	2023	0975-802X	Print Only	UGC Care
100	Bharat me Swasthya per sarvjanik vyay ki Pravatiyon ka adhyan	<i>Megha Dadsena</i>	JUNI-KHYAT	23-Apr	2278-4632	<a href="http://www.junikhyat.com">www.junikhyat.com</a>	UGC Care
101	Priorty sector lending in India: The role of regional rural Banks	<i>Pooja Saxena</i>	EUR.CHEM.BULL	23-Jan	1932-1940	<a href="https://www.eurchembull.com/uploads/paper/16820215c02d75f34dd7fbb1f5ec50df.pdf">https://www.eurchembull.com/uploads/paper/16820215c02d75f34dd7fbb1f5ec50df.pdf</a>	UGC CARE
102	The Role of banks in agriculture and rural development	<i>Pooja Saxena</i>	RES-Militaries (Social SCI. Journa)l	DE-2022		<a href="https://resmilitaris.net/menu-script/index.php/resmilitaris/article/view/4020">https://resmilitaris.net/menu-script/index.php/resmilitaris/article/view/4020</a>	UGC CARE
103	The study of customer satisfaction with respect to age in online organic fmcg PRODUCTS	<i>Srishty Shrivastava</i>	Shodhasamhita	22-Dec	2277-7067	<a href="http://www.shodhsamagam">www.shodhsamagam</a>	UGC CARE
104	Artificial Intelligence and literature	<i>Dr. Urinder kaur Saini</i>	IJCR	23-May	2393-8358	<a href="http://www.ijcr.com">www.ijcr.com</a>	Peer reviewed and refereed
105	Arelative study on green chemistry approach, environment and pandemic Covid 19	<i>Preeti Bisen</i>	IJREAM	23-Feb	2454-9150	<a href="http://www.ijream.com">www.ijream.com</a>	Peer reviewed and refereed
106	Covid 19 and mental health: HOW THE PANDEMIC HAS AFFECTED STUDENTS, TEACHERS IN INDIAN SCHOOLS	<i>Preeti Bisen</i>	Madhya bharti	23-Jun	0974-0066	<a href="http://www.madhyabharti.com">www.madhyabharti.com</a>	ugc care



107	Responsibility and accountability in moral values among higher secondary students	<i>Preeti Bisen</i>	Shodh Samagam	23-Jun	2581-6918		<a href="http://www.shodhsamagam.com">www.shodhsamagam.com</a>	<i>Peer reviewed and refereed</i>
108	A Mini Review on electrical properties of undoped and boron doped ZnO with their preparation methods.	<i>Amit Dubey</i>	IJREAM	5-May	2319-7463	<a href="https://www.erpublications.com/our-journals-dtl.php?pid=1">https://www.erpublications.com/our-journals-dtl.php?pid=1</a>	<a href="https://www.erpublications.com/our-journals-dtl.php?pid=1">https://www.erpublications.com/our-journals-dtl.php?pid=1</a>	<i>Peer reviewed and refereed</i>
109	Bhartiya Samaj sudharako ke shaikshik vichoro ke prabhav ka adhyan	Mrs. Prachi Anarth	Sansodhok	Mar-23	2392-5990	Print Only		UGC CARE LISTED

  
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# Emerging Trends in Education



**Association For  
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## किशोरावस्था के विद्यार्थियों के भावनात्मक, सामाजिक एवं शैक्षिक समायोजन का तुलनात्मक अध्ययन

डॉ. पद्मा बोहरे\*  
वर्षा तिवारी\*\*

### प्रस्तावना

मानव जीवन में वृद्धि व विकास की प्रक्रिया सतत एवं परिवर्तनशील है जिसमें किशोरावस्था जीवन का सबसे कठिन और नाजुक काल है। जब बालक बाल्यावस्था से परिपक्वता की ओर संक्रमण करता है, तो शारीरिक, मानसिक, भावनात्मक व अन्य परिवर्तनों से गुजरता है। फलस्वरूप वह विभिन्न समस्याओं का सामना करता है, जिससे उसकी रुचि, क्षमता, व्यक्तित्व, व्यवहार एवं आदतें प्रभावित होती हैं। इस काल में निरंतर होने वाले बाह्य एवं आंतरिक परिवर्तन एवं सामाजिक परिवेश में सामंजस्य स्थापित करना मुख्य चुनौती होती है। समायोजन क्षमता ही छात्र को किशोरावस्था के परिवर्तन, लक्ष्य से मटकाव एवं भय व हीनता की प्रवृत्ति को नियंत्रण करने में सहायता करती है। भारत के शहरी एवं ग्रामीण परिवेश में सामाजिक एवं पारिवारिक वातावरण, अभिभावकों की शिक्षा एवं जागरूकता, आर्थिक असमानता एवं जीवन संघर्ष के अंतर का प्रभाव उन क्षेत्रों में निवासरत बालकों के मानसिक विकास, विचारधारा, व्यक्तित्व, जिज्ञासा, भय आदि गुणों पर पड़ता है। शिक्षा ही वह माध्यम है जिसके द्वारा किशोरावस्था की ऊर्जा को सही दिशा प्रदान कर उसकी समस्याओं का समाधान किया जा सकता है। विद्यालय में छात्र विभिन्न संस्कृति, परिवेश एवं भिन्न सामाजिक व आर्थिक पृष्ठभूमि के विद्यार्थियों एवं शिक्षकों के साथ रहते हैं इससे विद्यार्थियों में सहजीविता एवं सहभागिता के गुण विकसित होते हैं। इस तरह विद्यालय विद्यार्थियों में समायोजन क्षमता के विकास को आधार प्रदान करते हैं। समायोजन क्षमता के कारण ही बालक विचारों का आदान-प्रदान कर पाता है, एवं अध्ययन द्वारा अपनी समस्याओं का समाधान कर पाता है। इसका प्रत्यक्ष प्रभाव उसकी एकाग्रता, व्यक्तित्व व शैक्षणिक उपलब्धि पर होता है। किशोरावस्था में जीवन के प्रत्येक क्षेत्र में संतुलन व समन्वयन ही उज्ज्वल भविष्य की आधारशिला है।

### अध्ययन का उद्देश्य

प्रस्तुत शोध अध्ययन के उद्देश्य निम्न हैं :-

1. ग्रामीण व शहरी किशोर विद्यार्थियों की भावनात्मक समायोजन क्षमता का तुलनात्मक अध्ययन करना।
2. ग्रामीण व शहरी किशोर विद्यार्थियों की सामाजिक समायोजन क्षमता का तुलनात्मक अध्ययन करना।

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# Impact of Modern Technology on Current and Future Education System

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## **Abstract**

Technology has unquestionably changed the manner in which we live. It has affected various aspects of life and reclassified living. Without a doubt, technology assumes a significant job in each circle of life. A few manual assignments can be robotized, on account of technology. Additionally, numerous perplexing and basic procedures can be completed easily and more prominent proficiency with the assistance of modern technology. Because of the use of technology, living has changed and it has changed for better. Technology has altered the field of education. The significance of technology in schools can't be disregarded. Actually, with the beginning of PCs in education, it has gotten simpler for educators to bestow information and for students to obtain it. The utilization of technology has made the way toward teaching and adapting even more pleasant.

**Keywords:** modern technology, teaching, Education

## **Introduction**

As innovation has established its way into our everyday presence, training has been changed. Since quite a while ago gone are the hours of looking over an Encyclopedia. With data at the tips of our fingers, learning is presently limitless. (In spite of the fact that there is, obviously, the contention that innovation has unfavorably affected students' learning plans, because of advanced interruptions and the effect on their abilities to focus.) Improving instruction is an immense issue for our general public. Test scores, our apparent presentation against various countries, and various components have pushed training to the cutting edge of national authoritative issues, straightforwardly behind human services change. Innovation can be used to improve teaching and learning and help our students be effective. While everybody couldn't want anything more than to see littler schools and class sizes, innovation can't do that physically. Be that as it may, innovation can be a "power multiplier" for the instructor. Using learning the board frameworks (LMS) students can get to online assets to get help on request past the physical reach of their instructor. Innovation can likewise broaden training in another manner. Training doesn't stop around the completion of the school day. Students can get to instructors, assets, and assignments by means of the web at whatever point and any place they have a web association. For students who need to invest more energy rehearsing an idea, online activities and educational plan can likewise assist them with working at their very own pace and still stay aware of their friends.

As per the most recent bits of knowledge regarding how precisely modern students of today like to utilize technology and how does their learning get an effect in the event that they use technology, it was uncovered that the utilization of modern gear technology and devices, the learning and intuitiveness of students increments. They additionally think that its considerably more intelligent, just as loaded with fascinating territories, when helped by technology. The exchange of information

turns out to be extremely simple and advantageous, just as compelling. This means, our brains presently will in general work quicker when helped with the utilization

of modern technology, be it any piece of life, here we talk about education. The dependence and reliance of such a development, that essentially makes life a simple, smooth voyage is totally unavoidable nowadays even in schools, colleges and universities. Students today can utilize technology in the accompanying manners:

### **Internet connection and nonstop network**

The internet has developed in significance by numerous folds, over the procedure of decade. Its significance in the education world can now never be undermined. In spite of the odds of extortion and disadvantages, the utilization of the internet resembles a gift for students. Today, the internet is something that is available in nearly all that we use. From TV to gaming supports, and our telephones, the internet is truly all over. The utilization of the Internet enables students to discover astounding comfort, they can discover different sorts of help, instructional exercises and different sorts of helping material which could be utilized to scholastically improve and upgrade their learning.

### **Utilizing projectors and visuals**

Visual pictures consistently have a solid intrigue contrasted with words. Utilizing projectors and visuals to help in learning is another type of extraordinary mechanical use. Top organizations around the globe, presently depend on the utilization of astounding PowerPoint introductions and projections so as to keep the learning intelligent and fascinating. Mechanical utilize, for example, projectors inside the schools and universities can take the communication and intrigue levels straight up and furthermore improve inspiration. Students like to see engaging visuals and something that lures them to think instead of simply understanding words. The adapting part likewise turns out to be truly productive with regards to technology.

### **Computerized Impression in the education area**

On the off chance that we talk about computerized and education, at that point the entrance of advanced media inside the education area has now developed. This

entrance has come about in nonstop availability with students and various gatherings that are accessible for various types of assignments or help. As the intensity of computerized builds, there are and there will be more applications that will help students being developed and learning.

### **Online degrees with the utilization of technology**

Online degrees currently have become a typical marvel. Individuals wish to take up online courses for their learning and accreditations. Top foundations offer astonishing on the web programs with the utilization of different applications and the internet. This is an idea that will keep on ascending as it gets more help and mindfulness. The online degree situation around the globe is progressively renowned among students who work and search for adaptable considering programs.

### **Improved Communication**

Incapable correspondence among educators and students can be an obstruction to learning and education. Technology can change the study hall into a system where educators post assignments dynamically, and students can pose inquiries all the more effectively of instructors and of their companions and reference an organized record of past talks.

### **Learning At One's Own Pace**

Clearly, independently directed learning is another gigantic favorable position that students acknowledge with the ascent of technology in the education business. Regardless of the way that there are some speedy students who are fit for changing in accordance with new ideas rapidly, there are other people who must put aside impressive time to acclimatize an idea. Such students are honored with the probability of technology being a bit of their adapting; presently they can keep pace with their companions by utilizing guided activities and online educational



program to take on new ideas at their own pace, and to rehearse again later, at home.

### **Fun Learning**

The usage of technology has made adapting essentially more fun than some other time in late memory. Students are getting occupied with a various exhibit of learning undertakings that improve their maintenance of new ideas. For instance, there is an amazing expansiveness of education applications that enable students to learn different ideas in a fun loving, intelligent way. Students that may battle to comprehend a specific subject can scan for an instructional exercise video on the web. Recordings or live spilling substance can offer a substitute way to deal with an idea and better comprehension of an idea or subject. These recordings can enable an intriguing and intelligent way to deal with discovering that may be all the more effectively processed.

### **Open Education**

We approach data more than ever. In this creative and upset world, there are different free assets accessible to students whether they are articles composed by people, smaller scale taking in courses from specialists, or files made accessible by esteemed universities. Despite your area or spending plan, on the off chance that you have internet get to, the universe of the web will without a doubt have the way to respond to your inquiry. Technology can give educators and students momentous assets. They approach new open doors for learning ways to deal with cooperate and to put aside extra money. Technology isn't only an amazing thing for education—it is a superpower.

### **Advanced Research, Quick Information, and eBooks**

Distributed storage and keen web indexes have made research significantly less requesting for students these days. Gone are the days when they expected to flip through stacks of books to find a particular reference. Since a significant proportion of time is saved in the midst of research, and since it is simpler to get to a more extensive cluster of sources, students can combine a huge amount of data and information in their ventures. Results can be thought about overall all the more

effectively, taking into consideration quicker progress in cutting edge examine. From a reasonable point of view, digital books additionally set aside students cash and the weight of pulling around a heap of books for one class educational plan.

Since by far most of students have a laptop they can bring all over, advanced course material and books are advantageous. Digital books are normally gained at a set apart down rate contrasted with customary delicate spread books. This makes them progressively reasonable for students too.

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## **Implementation of Metal detectors in Schools: Pros and Cons**

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### **Abstract**

Schools have progressively executed physical safety efforts, for example, metal detectors to guarantee that understudies, staff and guests don't bring weapons or other metallic articles that might be utilized for hurt into the premises. The improved safety efforts are intended to control the expanding levels of school brutality, for example, stabbings, shootings and posse viciousness. Utilization of metal detectors in schools has the two advantages and disadvantages.

**Keywords:** Safety, schools, metal, detectors, control

### **Introduction**

Quite a while back, the greatest worry regarding school security was separating battles on the play area. In the course of recent years, be that as it may, the security scene at our country's schools has changed incredibly, and guardians and school chairmen now must be vigilant for dangers that were never a worry. This has driven numerous schools to improve their school security frameworks, introducing video

observation, secure doors through which visitors must be hummed in,

and gadgets, for example, school metal detectors to assist weed with trip potential dangers.

Putting metal detectors in schools and universities has consistently been a dubious move. Likewise with each security choice, chairmen have a great deal of things to consider before settling on the choice to buy these devices. But significantly more so than with other security speculations,



Introducing metal detectors should be a decision made in light of the more extensive network. The greatest genius to adding metal detectors to schools is that the security group has worked in reinforcement for distinguishing weapons on school grounds, helping prevent understudies from bringing them onto grounds where they can be utilized to hurt staff and understudies. Protecting children from firearm brutality will consistently be the top motivation behind why individuals bolster metal detectors in schools. Notwithstanding weapon identification, the nearness of metal detectors is a powerful impediment for endeavoring to carry weapons to class. In the event that an understudy or guest realizes they won't make it past the front entryways, they may settle on the decision not to proceed with their arrangement. Anybody moving toward a school who didn't know there was a metal indicator could settle on the decision to not finish their proposed arrangement inspired by a paranoid fear of being gotten.

Another advantage to metal detectors is that they give the two understudies

and guardians true serenity. At the point when guardians are happy with sending their children to class and understudies are open to being there, the instructive procedure

is smoother and progressively viable. The equivalent can be said for staff individuals. Expelling the dread of a shooting and securing understudies in a functioning shooter circumstance gives instructors the possibility for ideal study hall guidance. Nonetheless, there are a few reasons why individuals may be against metal detectors. One way of thinking is that putting metal detectors in certain school areas is unfair and pointless. This is proved by the present presence of such gadgets in schools that have an enormous minority populace. Another con is that metal detectors can make the security group somewhat remiss. With the reinforcement of the gadgets, they may remain down on specific things, expanding the risk of a significant issue happening on grounds. The metal detectors ought to be viewed as an improvement for security, not a substitution. A few guardians and understudies feel that being sent



through a metal Identifier consistently detracts from the inviting environment that ought to be available in schools. It can bether children and make them stress pointlessly over their security at school, which can block the learning procedure. At long last, the expense is a significant interesting point. Most schools in America are as of now confronting a colossal shortfall in assets and apportioning truly necessary cash to introducing metal detectors removes assets from other significant parts of learning. The financial limit in most educational systems would require a significant update to make it conceivable to purchase and introduce metal detectors. Pledge drives could help, however numerous families aren't ready to focus on such a money related duty and numerous schools would in any case miss the mark.

There are numerous advantages and disadvantages to metal detectors in schools and the discussion over their essence is probably going to proceed, similarly the firearm control banter moves on. Meanwhile, guardians and children are progressively observing school, not as a protected spot to get

instruction, yet as a conceivably lethal spot to be on some random day. There must be a response for security in schools and metal detectors might be it. It's dependent upon society to choose what's significant – cash or understudies' lives

### **Risk-Reduction Tool**

Utilizing metal detectors at the primary doors of schools for the most part serves to decrease the risk of understudies, staff or some other guest entering the premises with a firearm, blade, bomb or different dangerous metallic item. Metal detectors may either be handheld or stationary and individuals are required either to stroll through them or to submit themselves to an inquiry before being permitted to enter the school. The physical safety effort works successfully when the school shuts off different doors so that there is just a single route in or out. As per National School Safety and Security Services, metal detectors might be an essential instrument in school locale with a past filled with incessant weapons issues and related savagery, for example, shootings.



### **Best Practice**

Schools need to take every single imaginable measure to guarantee the wellbeing and security of understudies and staff. What's more, as indicated by Hanover Research, introducing metal detectors is a type of best practice that enables the school the executives to be sure that it has done everything it can to release its obligation. Introducing metal detectors gives understudies and staff a proportion of mental confirmation that the school is sheltered in light of the fact that each individual must be cleared through the passage. Detectors additionally fill in as a type of obstacle since guests to the school realize they will be looked and may mull over conveying a weapon or different dangerous article into the premises.

### **Exorbitant**

Metal detectors are exorbitant to buy and introduce, and they require other related uses, for example, staff to direct the pursuits, preparing and hardware upkeep, as indicated by a National Institute of Justice Research Report. The price tag for a metal

indicator may approach countless dollars. Detectors are likewise not self-working on the grounds that in spite of the fact that the hardware delivers some kind of caution signal, a prepared official is as yet required to research the Well-spring of the alarm and to check whether it is a weapon or other article. Thus, the school needs to contract and prepare various officials to check understudies as they show up.

### **Restricted Utility**

As indicated by the Keep Schools Safe Initiative, metal detectors have constrained utility as a physical safety effort in schools. Having understudies go through metal detectors as they land in the first part of the day disturbs the school program since officials expect time to check the understudies. The officials should likewise be prepared in the best possible utilization of the gear or they could wind up either permitting understudies, staff and guests through without appropriately checking them or confining them on bogus cautions. Stationary metal detectors can't be utilized viably in school structures



that have various doors that can't be shut or staffed by satisfactory security faculty.

### **The Pros and Cons of School Metal Detectors**

An expanding number of dangers and a craving to guard understudies through an assortment of school security procedures has driven numerous overseers and guardians to gauge the advantages and disadvantages of metal detectors. The masters incorporate the capacity to reallocate shrouded dangerous weapons before those weapons can be taken out and utilized. The nearness of metal detectors can likewise go about as an obstacle for understudies thinking about carrying a weapon to class. They additionally exhibit to the network that the school organization is taking a shot at the bleeding edges to protect their school. For certain guardians, be that as it may, the nearness of metal detectors makes a school feel brutal and unwelcoming. Cost is additionally a worry, as staff must be contracted and prepared in utilizing the metal detectors appropriately. The school likewise

needs somebody posted before the metal finder so as to help understudies, staff, and guests with expelling any things that may make bogus alerts as they stroll through. It's up to guardians and school directors to cooperate to decide whether metal detectors are the correct answer for their understudies. A developing number of schools have chosen that the appropriate response is yes and are utilizing metal detectors as one piece in their general school security technique.

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## Proposal of an effective PSO-based segmentation algorithm in dynamic environments

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### Abstract

Several issues related to the multi-PSO method have been analysed in this paper. Two modifications to this multi-population method have been suggested. The first was committed to intelligently diversifying the swarms after the changes. The second technique was to increase the performance of the PSO multi-swarm by arresting such swarms. We hope that the techniques suggested will improve their efficacy if any parameter control technique could be used to make them more accurate. In this context, the self-adaptation of some of these parameters could be useful.

### Keywords

Particle Swarm Optimization (PSO), Multi-swarm PSO, Dynamic algorithm

### Introduction

Multi-population approaches are among the most successful in dealing with the called the convergence problem in dynamic environments. Within this approach, Algorithms proposed by (Blackwell and Branke, 2006) based on the Op-swarm of particles (PSO), are important exponents that have given lead to further development of more sophisticated extensions. In this case there are the strategies proposed in this Paper, aimed at increasing efficiency of the approach of (Blackwell and Branke, 2006). The Paper begins with a review of the PSO paradigm in dynamic environments; with the aim of describing how progress in this area led to more sophisticated approaches (eg multi-population). Later, the proposed strategies are described, which are analyzed from several experiments computational.

### PSO in dynamic environments

Most of the technical proposals in environments dynamics are based on the adaptation of computational methods that we stationary problems (Kennedy and McGregor, 1992; Angelino, 1997; P. Moser and Chiaro, these computational paradigms is Optimization with particle swarm (PSO) (Kennedy and Eberhart, 1995), which has been widely applied in various setting (Banks et al. 2007, 2008).

In general, the most important difficulties that PSO presents in environments dynamic are known as:

Outdated memory, and

Loss of diversity.

Out-of-date memory, as the name implies, occurs when individual memories (individual  $p_{best}$  and global  $g_{best}$ ) of the particles become obsolete due to changes in the Objective Function.

Instead, the loss of diversity is the inability of the swarm to find the new global optimum after a change in environment.

When the optimum is displaced outside the current range of the particles, the swarm converges to a local optimum (e.g. the  $g_{best}$  before will move in a peculiar way known as linear collapse).

Despite these specific difficulties of PSO, it should be taken into account that as any other meta-heuristic the detection of changes in the environment is crucial. Academically, in most investigations it is assumed that the algorithm is capable to detect changes (eg by frequently re-evaluating one or more solutions). In what follows a PSO review will be done in dynamic environments.

### Multi-swarm PSO approach

Due to its importance for the present work, in this section we focus on We will now describe the approach proposed by Blackwell and Branke (2006), specifically the mQSO variant.

Basically, the origin of this approach is inspired by the auto-organized structures proposed by Branke (2002), and in the static structure of the Blackwell and Bentley (2002a). At the swarm level, two types of individuals are maintained: neutral particles (dedicated to exploration), and quantum particles for exploitation in a certain neighborhood of the current optimum.

# Reviewing ensemble methods in Particle Swarm Optimization (PSO)

<sup>1</sup>Franjali Dewangan, <sup>2</sup>Dr. Neelam Sahu

## Abstract

The Particle Swarm Optimization algorithm (Particle Swarm Optimization or PSO) (Kennedy and Eberhart 1995) is an algorithm inspired, which is based on an analogy with the social behavior of certain species. Two basic influences of migration are recognized in PSO:

The movement of flocks of birds, in which each individual dis-appears using simple rules for adjusting its speed depending on of the observations he makes about the close individuals in the flock

A social model, in which each particle represents a belief, and influences between individuals, the approach of individuals to others by difference of social beliefs.

**Keywords:** Particle Swarm Optimization (PSO), algorithm

## 1. Introduction

### 1.1 Foundations of the PSO algorithm

In general terms, the algorithm seeks to find the global optimum of a function (fitness function) by moving a set of "Particles" (swarm) in a space defined by the number of parameters of the function. Each particle is a possible solution, that is, a set of parameters, which are "evaluated" by calculating the fitness value that corresponds to them. In this movement, the particles use historical information (the result of your past search), as well as information about your neighbors (other particles in the swarm).

On the other hand, to complete the specification of the algorithm, you have to define certain parameters of the algorithm (stop criteria, type of neighborhood, values of some constants, form of initialization). The swarm starts out scattered throughout the search space, but over time the particles converge there towards a reduced area of space in which they intensify the search for the solution.

Each particle is characterized by a position vector  $x_i$ , a vector of velocity  $v_i$ , and a memory containing the vector with the best position of the particle so far  $p_i$ . The position vector encodes a solution to the optimization problem, so that each coordinate corresponds to the value of one of the parameters of the function to be optimized.

PSO models cooperation between individuals by defining a neighborhood for each particle, so that each iteration selects a candidate from neighborhood to guide the search for the particle. According to the authors, the algorithm was initially designed with a neighborhood dynamic, given the analogy with the flock of birds. However, it was

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## Palarch's Journal of Archaeology of Egypt/Egyptology

### APPLICATION OF ICT IN THE AREA OF VIRTUAL ARCHAEOLOGY FOR STUDENTS WITH SPECIAL EDUCATIONAL NEEDS IN THE STAGE OF COMPULSORY SECONDARY EDUCATION

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J. Durga Prasad Rao, Hari Shankar Prasad Toode, Prachi Sharma,  
Application of ICT in the area of Virtual Archaeology for students with special  
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#### Abstract

Today's culture is persuaded that quality schooling must enter all young people, beyond exemption. In this context, particular focus is put on the variety of students in the ESO. Adequate preparation can contribute to greater personal and social growth, such that students will transition into an increasingly challenging society. Modern Information and Networking Systems promote teaching-learning cycles in this sense. A few of them, Archaeology Virtual, allows it possible to turn heritage artifacts into real and powerful instruments at the disposal of the school and, ultimately, of society.

#### Keywords:

ICT, VIRTUAL ARCHAEOLOGY, ANCE, ULD.



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**VALUE ORIENTED HISTORICAL AND CULTURAL HERMITAGES AT AYODHYA  
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Authored By

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## VALUE ORIENTED HISTORICAL AND CULTURAL HERMITAGES AT AYODHYA AND OTHER PLACES.

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### ABSTRACT :

The contribution of Aranyak education system to the ancient Indian value based education system is immense. The schools were up in a very secluded place far way from the town. The students had to live and study in the Gurugriha. These schools actually followed the Ashram education system. Apart from education, Vedic culture was also taught in the schools. The purpose of any education culture is to create creativity, preservation, quality improvement and flow. The Indian education system was also created by the ancient traditional Vedic education system and for hundreds of years it has been increasingly prosperous. No one from outside cared about the management system.

**Key Words** – Hermitages, Value Oriented, Culture, Preceptor, Creation, Preservation, Transmission

### INTRODUCTION:

The Mahabharata tells of diverse hermitages where pupils from distant parts gathered for instruction – and some far-famed teacher. Perfect-fledged Asrama is described as being made of several Departments that are enumerated as follows: (1) Agnisthana, the place for fire-worship and prayers; (2) Brahma-sthana, the Department of Veda; (3) Vishnusthana, the Department for teaching Rāja-Viti, Arthaniti, and Varta; (4) Mahadrasthana, Military Section; (5) Vivasvata-sthana, Department of Astronomy; (6) Samasthana, Department of Botany; (7) Garuda-sthana, Section coping with Transport and Conveyances; (8) Kartikeya-sthana, Section teaching military organization, how that creates patrols, battalions, and army.

A very powerful by the hermitages was that no matter the Naimisha, a forest that is certainly like a university. The prevailing personality of all around you was Saunaka, to whom was applied the designation of Kulpati, sometimes understood to be the preceptor of 10,000 disciples. Saunaka interested in Naimisha a vast concourse of learned men by his performance will need twelve years' sacrifice – of which most essential aha or accompaniment was the discourses and disputations of learned men on religious, philosophical, and scientific topics. In the same place [ix, 37] there is mention of "ascetics living in Naimisharanya being engaged since we are in a sacrifice lasting for twelve years", on completing of which they launched into in large numbers for coming to the various sacred shrines irrespective of country. One other place [ib., 41] we experience the same reference while using interesting details that in the middle of that twelve years' sacrifice, when a selected one called Vivasvata had been completed, the Rishis started for the state of the Pañchalas, and reaching there,



# THE JOURNAL OF ORIENTAL RESEARCH MADRAS

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This is to certify that the article entitled

**THE IMPACT OF MODERNIZATION ON THE HIGHER SECONDARY SCHOOL  
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## THE IMPACT OF MODERNIZATION ON THE HIGHER SECONDARY SCHOOL CHILDREN OVERVIEW OF RAIPUR DISTRICT CHHATTISGARH\*

BY

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Chhattisgarh, India

### ABSTRACT

The education is the best investment to develop every Society. It develops the human resources. The educational Institutions plays an important role in the social progress of any society. The span of the educational progress depends on the primary and Secondary education System. Every Society have their own education, norms, Customs, folk tales and fables. We should preserve the ancient tradition as the heritage. In respect of Indian society values are the most important factor of ancient education. Values are the essence of Indian education and Culture; Indian education mostly divided into three parts i.e. Ancient education, Medieval education and Modern education. The theory of modernization starts through the renaissance and industrial revolution in Europe.

**Key words :** Human Resources, Social Progress, Traditional Knowledge, Folktales and Fables, Modernization Theory, Naya Raipur..

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### INTRODUCTION:

The modernization theory have been used to explain the upper step of traditional development. The theory originated from the german sociologist Max Weber (1864-1920). The modernization in Indian education started by the hand of British rulers. The English education act 1835 enforced by Lord William Bentinck when he was the Governor General of the British East India Company. He proposed to reallocate the funds to the British Parliament for development of education and literature in india. The eminent historian, politician and as well as educationist Thomas Babington Macaulay produced his famous memorandum on Indian education. He advocated for establish the superiority of Western learning in lieu of the inferiority of native Hindu education and Culture. This was the pre-Independence history of education in India.

After 15th August 1947 the effort to develop Indian education well known as post Independence development of Indian education. Several Commissions Committees and were formed for the development of Indian education. The remarkable Commissions were Dr. Sarhapally Radhakrishnan



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## **Behavioral Changes and Stress in the era of Covid-19 on Child and Old age groups**

**Dr. Anju Jha** Assistant Professor (Department of Chemistry), Govt. NPG Science College, Raipur (C.G.)

**Dr. Shantana Paul** Head & Assistant Professor (Department of Commerce), Pt. Harishanker Shukla Smriti Mahavidyalaya, Raipur (C.G.)

### **Abstract:**

The corona virus pandemic has been a drastic change, testing the adaptability of human beings. With the lockdown in place, most people find it difficult to cope with the loneliness of existence. While the virus attacked the body, the mind is equally prone to the changes, especially since this century has never suffered through a lockdown. The pandemic brought with it changes which came across as a shock to the human system. A lot depended on adjustments which gave rise to anxiety and depression. Old age personnel are more prone to the coronavirus itself because of their age, chronic illnesses and underlying symptoms. A child is prone because of its age and inability to understand the gravity of the situation. This research, however, aims at understanding the effect of the pandemic and the lockdown on the minds. By collecting data and sampling, this research aims to find out both the positive and the negative effects of the current COVID 19 situation, and to understand both the short term and long term repercussions on people who are on the extreme ends of the age spectrum. Children may not be able to grasp the situation completely, but they too are faced with digital disparities of online classes and a host of other changes. In case of old age people, the research will also include those in old age homes, those living with families and those living afar from families.

The answers to certain questions will be answered such as what are the behavioral changes that COVID 19 has induced, and whether those changes are permanent or temporary, the stress induced by changes on the human mind and the differences in response to these.

**Keywords:** Covid-19, Behavioral change, child, old age personnel, human mind, depression.

### **Introduction**

The worldwide implications of COVID-19 virus cannot be slighted. Safe to say, these are unprecedented circumstances which have befallen all corners of the planet. The virus swept across borders and nations sweeping into lives, hindering, hampering and eventually taking everything in its sight.

Amidst the rampage of this pandemic, organizations were left scratching their heads. The only measure which seemed prudent was to ensue an extended period of lockdown. Relentless in its exploits, the entire planet was condemned to a hasty, haphazard measure of 'lockdown'. The only measure which seemed prudent was to ensue an extended period of lockdown.

But what many saw coming were the ramifications of enforcing this lockdown. Stringent but necessary measures condemning people to their homes gave rise to a new set of problems. Ones which ravaged the minds and took toll on people's mental well-being.

The detrimental effects of the pandemic and subsequent lockdown on people's mental health is staggering. These effects owe it to the unsettling rise in anxiety, stress, depression which further stem from isolation and plummeting in employment opportunities. Whereas the grief and dejection evoked from loss is further exacerbated by this abrupt lockdown and isolation.

### **I. Objectives Of Study**

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**A STUDY OF THE RELATIONSHIP BETWEEN  
EDUCATIONAL BACKGROUND AND ACADEMIC  
PERFORMANCE OF B.ED. STUDENTS**

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Department of Education  
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## सूचना संचार तकनीकी का विज्ञान के विद्यार्थियों के अभिवृत्ति पर प्रभाव का अध्ययन

□ सुरम्, योगान\*  
की० संजीव कुमार साहू\*\*

### शोध सारांश

प्रस्तुत शोध अध्ययन में सूचना संचार तकनीकी का विज्ञान के शहरी एवं ग्रामीण विद्यार्थियों के अभिवृत्ति का तुलनात्मक अध्ययन पर आधारित है। शोध कार्य में जनसंख्या के रूप में बिलासपुर जिले के विज्ञान के विद्यार्थियों की कुल संख्या होगी। नगदरम के रूप में यहदुक्खित विधि द्वारा 200 विद्यार्थियों का चयन किया गया है जिसमें 100 शहरी विज्ञान के विद्यार्थी एवं 100 ग्रामीण विज्ञान के विद्यार्थी हैं। शोध के अंतर्गत परिकल्पना का निर्माण किया गया है जिसमें शहरी विज्ञान के छात्र एवं ग्रामीण विज्ञान के छात्र में सूचना संचार तकनीकी की उनके अभिवृत्ति में सार्थक अंतर नहीं पाया गया। परिकल्पना 02 में शहरी विज्ञान के छात्रों एवं ग्रामीण विज्ञान के छात्रों में सूचना संचार तकनीकी का उनके अभिवृत्ति में सार्थक अंतर नहीं पाया गया। परिकल्पना 03 में शहरी विज्ञान के विद्यार्थियों एवं ग्रामीण विज्ञान के विद्यार्थियों में सूचना संचार तकनीकी व उनके अभिवृत्ति में सार्थक अंतर नहीं पाया गया।

**Keywords:** सूचना संचार तकनीकी, अभिवृत्ति, पाठ्यक्रम, शैक्षिक उपकरण, विद्यालय, विद्यार्थी इत्यादि।

### प्रस्तावना

वर्तमान युग को क्रांति युग कहा जाता है। यह क्रांति युग सूचना संचार तकनीकी के कारण हुआ है। सूचना संचार तकनीकी मानव जीवन के हर पहलु को सुगम व सरल कर दिया है। साथ ही इस क्रांति में हर क्षेत्र में अपनी उपयोगिता को साबित किया है चाहे वह आरिख क्षेत्र में हो, चिकित्सा में हो, या फिर शिक्षा के क्षेत्र में हो, तकनीकी ज्ञान से अछूता नहीं है यह तकनीकी ज्ञान की आवश्यकता आज शिक्षा के क्षेत्र में शिक्षक, विद्यार्थी, पाठ्यक्रम ये तीनों अंगों के लिए है क्योंकि समय के अनुसार तकनीकी का समावेश शिक्षण कार्य को संधगाय बनाने हेतु किया जा रहा है। विद्यार्थी नये ज्ञान को लेने लिए उत्सुक होते हैं तथा वे चाहते हैं कि उन्हें मिनटों में दुनिया की सभी जानकारी मिल जाये। उनकी इन्हीं उत्सुकता व रुचि को बढ़ाने के लिए सूचना संचार तकनीकी ने इंटरनेट के माध्यम से उन्हें सभी जानकारी उपलब्ध करायी है। शिक्षक सूचना संचार तकनीकी के अंतर्गत आने वाले शैक्षिक उपकरणों का उपयोग करके अपने शिक्षण कार्य को प्रभावशाली बनाते हैं जिससे विद्यार्थियों के पठन-पाठन के प्रति रुचि उत्पन्न होती है। साथ ही विषय के प्रति उनकी अभिवृत्ति भी बदलती है। विद्यार्थियों को विद्यालय में अनेक विषयों का अध्ययन करना पड़ता है जिसमें कुछ विषय

उनके लिए सरल होते हैं और कुछ उनके लिए कठिन होते हैं इन्हीं कठिनाई को देखते हुए विद्यार्थी इन विषयों को पढ़ना नहीं चाहता है। शिक्षक के लिए यह बहुत बड़ी समस्या होती है कि विद्यार्थियों के इस समस्या का निदान कैसे किया जाए। सूचना संचार तकनीकी के अंतर्गत आने वाले शैक्षिक उपकरणों के द्वारा इस समस्या का निराकरण किया जा सकता है। क्योंकि इन शैक्षिक उपकरणों के माध्यम से पढ़ाया या सिखाया गया ज्ञान विद्यार्थी को पढ़ने के लिए लड़-उर्जा प्रदान करता है जिससे उनके अंतर्गत विषय के प्रति अभिवृत्ति परिवर्तित होती है जो विषय उन्हें कठिन तथा अरुचिपूर्ण लगता है वह आज उन्हें तकनीकी के माध्यम से पढ़ने पर लचिपूर्ण लगने लगा है।

अभिवृत्ति परिवर्तनशील होती है। जो परिस्थिति व समय के अनुसार परिवर्तित होती रहती है। विद्यार्थी एक मिट्टी समान होता है जिन्हें आकार व स्वरूप विद्यालय में आकर मिलता है और उनकी अभिवृत्ति विद्यालय शिक्षक, पाठ्यक्रम, विषय के अनुसार बनता धसा जाता है। यह अभिवृत्ति धनात्मक व ऋणात्मक दोनों तरह का होता है जित्त तरह से यह ज्ञान प्राप्त करता है उस तरह से उसकी अभिवृत्ति बनती चली जाती है। शिक्षक द्वारा विषय को पढ़ाने पर भी विद्यार्थी की अभिवृत्ति परिवर्तित होती है। विद्यार्थी विद्यालय में अनेकों विषय का अध्ययन करता है लेकिन उनकी

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## STUDY ON KNOWLEDGE OF INFORMATION & COMMUNICATIONS TECHNOLOGY (ICT) AMONG JEEB TEACHER TRAINEES

Mrs. Kushbu Dwivedi  
M.Ed Scholar, Department of Education  
Shri Rawalpuri Sarkar University, Raipur (C.G.)

### Abstract

The Present Quick-paced world is getting progressively portrayed by technology driven communication. This has changed the world into a large global connected community with regularly expanding effort of information and communication technology (ITC). Technology assumes an inexorably significant in people's lives, and it is visualized that technological knowledge will soon become a useful necessity for individual's work social, and even close to home lives the purpose of the study was to research the ICT knowledge among B.Ed. Teacher trainees. The investigator has used the survey method to collect the data. The investigator has chosen 80 students studying in B.Ed. course at Pt. Harshankar Shukla Memorial College in Raipur (Chhattisgarh). Finding of the investigation uncovered that, no significant difference between male and female B.Ed. Students Teachers on ITC knowledge. There was no huge contrast among Hindi and English B.Ed. Students Teachers on ICT Knowledge. Hence forth, B.Ed. student learners had moderate degree of ICT Knowledge and the urban B.Ed. teacher trainees mean scores was higher than the rural B.Ed. Teacher trainees.

**Keywords:** Information and Communication Technology (ICT), ICT Knowledge and B.Ed. Teacher Trainees.

### Introduction

Information and communication technology (ICT) has pervaded in all social status uses influencing the technology fields such as launching satellites, managing business across the globe and also enabling social networking. The convergence of Personal Computer, communication and substance advances, being know as ICT, Step by step it stood out of the scholarly world, business, government and networks to utilize it for creative beneficial Suggestions is getting less complex to use gadgets, for example laptop, palm top, I-pad etc.

21<sup>st</sup> Century is portrayed with the rise of Information based society where in ICT assumes a critical job. The National Currioum Framework 2005(NCF 2005) has additionally featured the significance of ICT in College instruction. With this background, significant change in outlook is basic in training portrayed by giving directions, community oriented learning and multidiselpitary critical thinking also, advancing basic reasoning abilities.

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**Dr. Padma Bohare**  
Assistant Professor  
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**Dr. Riya Tiwari**  
Assistant Professor  
Department of Psychology

## COVID 19 and mental health of adolescents

**Dr. Padma Bohare and Dr. Riya Tiwari**

### Abstract

According to the WHO, Mental health is a state of well-being in which an individual realizes his/her abilities, can cope with the everyday stresses of life, work productively, and contribute to their community. Mental health is an essential component of health. According to WHO, "Health is a state of complete physical, mental and social well-being and not merely absence of disease or infirmity." As we all know, thanks to Coronavirus, adolescent's lifestyle is modified, and their psychological state is additionally affected. The present study's main aim was to identify the physical condition of adolescents throughout this lockdown period. Researcher framed research questions to achieve the objectives. The survey method was used for data collection. The researcher sent questionnaires to 30 adolescents all around the country randomly, and 50 replies received back. So the researcher took only 200 adolescents as a sample of the study. The percentage was used as a statistical technique. The result shows that due to a lack of physical activities, their body facing headache 52.1% gives their response in favour of it 29.2% facing stomach problems and 18.8% facing body pain. Thus reasons due to COVID-19, the body of everyone is facing so many questions. Due to a lack of physical body activities in lockdown situations, adolescents face many problems like headache, stomach ache, and body pain. This condition is dangerous for adolescents; slowly and slowly, these problems change into significant diseases. So adolescents should do physical activity at home like exercise and yoga and keep them busy in other indoor activities.

**Keywords:** Psychiatric disorders, suicide, suicide attempt, first admission, re-entrant admission

### Introduction

According to the WHO, Mental health is a state of well-being in which an individual realizes his/her abilities, can cope with the everyday stresses of life, work productively, and contribute to their community. Mental health is an essential component of health. According to WHO, "Health is a state of complete physical, mental and social well-being and not merely absence of disease or infirmity." It means mental health is more than just the absence of mental disorders or disabilities. As the COVID-19 pandemic rapidly spread across the world and it is also inducing a considerable degree of fear, worry, and concern in the population at large and among certain groups, such as older adults, children, and care providers, and people with underlying health conditions. In this pandemic situation, loneliness, depression, harmful alcohol, drug use, self-harm, or suicidal behavior are expected to rise. Stress and anxiety are also elevated. The fear and stress in society are affecting every person. Recent evidence suggests that "individuals who are kept in isolation and quarantine experience significant distress in the form of anxiety, anger, confusion, and post-traumatic stress symptoms". When these affects a larger population, it may result in panic buying, leading to exhaustion of resources. It also can lead to limitations in daily activities, avoidance behavior causing limited socialization, self-medication. Because of anxiety, people adopt various unwanted lifestyle and dietary changes under the influence of rumors. These may affect mental health adversely. Hence, it is essential to deal with the mental health difficulties in situations of the pandemic.

Similarly, additional changes like - isolation, social distancing, self-quarantine, restriction of travel, and the ever-spreading rumors in social media are also likely to affect mental health adversely. In his study, he found approximately 24 % of people reporting sleep difficulties. More than two-thirds of participants reported themselves worried after seeing posts about the COVID-19 pandemic on various social media platforms. Approximately 46 % of participants said their worries related to discussing the COVID-19 epidemic in news channels and print media. One of the papers explained the likely impact of the COVID-19 pandemic in specific countries. From Iran, one of these highlighted the role of unpredictability, uncertainty, the seriousness of the disease, misinformation, and social isolation in contributing to stress and

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**A Study on the Impact of COVID 19 on Small Businesses and  
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## A Study on the Impact of COVID 19 on Small Businesses and Enterprises in the State of Chhattisgarh

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### Abstract:

The year 2020 marked a swift change from the previous ones, because of the pandemic and the lockdown. The economy had already been dismal but the Covid 19 pandemic worsened the conditions. With shops shut down and businesses forced to close, most people encumbered such losses as to be on the brink of poverty and unemployment. Approximately 34 million people were laid off in America - a scary situation since developing countries could have it worse. Amongst the worst affected are the small businesses such as booksellers, tourism and hospitality industry and small scale e-commerce industries among others. Many bookshops have been forced to shut down - such as Walking Book fairs in Bengaluru while people have been contributed a fair amount for food stalls such as "Baba Ka Dhaba".

This research is an attempt to understand the workings of the small businesses and both the long term and short term impact on them, with special reference to Chhattisgarh. Chhattisgarh rarely attracts the attention that states like Maharashtra or Gujarat, which doesn't help with reaching a larger consumer base. It seeks to understand the current practices of small businesses in Chhattisgarh and analyses how to achieve better results. It also aims at understanding the situation of the daily wage employees and the businesses that work on commissions, listing those items that are seeing a potential growth in the market and those that are currently out of business. An empirical analysis has been used by using both primary and secondary data to understand the workings of businesses like pani puri wala and street hawkers among others. Most of these do not get the attention that stalls in Delhi do. The methodology includes observation, a few interviews as well as data collected from secondary sources.

**Keywords:** Small Business, Enterprises, Covid-19, Chhattisgarh, unemployment.

### Introduction

The pandemic has definitely proved to be a hassle for the Indian economy. With 100 countries closing their national borders the global supply chain has suffered immensely, there is a possibility of the global economy shrinking to 1% in 2020 due to the pandemic. India's economy is rather vast; surprisingly 95% of the industrial units in India consist purely of small businesses. 40% of the industrial output is contributed to us by these respective small businesses as well, small businesses are also known to comprise 45% of India's exports. These businesses come as a relief as most of the weight of unemployment that India unfortunately heavily faces is lifted off by the small businesses. The government of India is also big on encouraging the operation of these businesses; they do so by drafting policies as well as establishing rather low loan interest rates. The current hit of the pandemic is presumed to hit the small businesses the most with all the operations being put on hold. The small business owners however are pretty optimistic about getting through this out of the blue hit of the pandemic. According to a survey, 80 percent of the surveyed small businesses were positive about getting through the pandemic and come out stronger even if the pandemic worsens, which it seems it definitely is.

42% of the small businesses are hopeful that they would see their customers return in the coming months. 71% of the owners were positive that they had taken the correct measures so as to earn the

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## 21वीं सदी में भारतीय संसद

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## 21वीं सदी में भारतीय संसद

सोमराज संश्लेषक\*

### शोध सारांश

भारत एक लोकतांत्रिक-वेदों के अनुभव से विकसित हुई व्यवस्था है। भारत के लिए लोकतंत्र जीवन-मूल्य है, जीवन पद्धति है, राष्ट्र जीवन की प्रणाली है। संसदों में नरेंद्र मोदी ने जब नये संसद भवन का शिलान्यास किया यह अवसर भारत के लिए 'ऐतिहासिक' और भारत की लोकतांत्रिक इतिहास में 'मील का पत्थर' बनार दिया गया। उन्होंने कहा कि पुराने संसद भवन ने स्वतंत्रता के बाद के भारत को दिशा दी तो नया भवन लोकतंत्र भारत के निर्माण का गवाह बनेगा और 21वीं सदी के भारत की आकांक्षा पूरी करेगा। नये संसद भवन का निर्माण कार्य भा. वि. संसद भवन की 75वीं वर्षगांठ तक पूरा कर लिए जाने की राशयना है। "भारतीयों द्वारा, भारतीयता के विचारों से और भारत के संसद भवन के निर्माण का प्रारंभ हमारी लोकतांत्रिक परंपराओं के सबसे अहम पड़ाव में से एक है। हम भारत के जन क्लिप्कर अपनी संसद को इस नए भवन को बनाएंगे। और इससे सुंदर क्या होगा, इससे पवित्र क्या होगा, जब भारत अपनी 75वीं की 75 वीं पूरे होने पर पर्यटन आकर्षण के साथ-साथ प्रेरणा हमारी संसद की नई इमारत बने।"

**Keywords:** संसद संवैधानिक व्यवस्था, संसदीय प्रणाली, संसदीय कार्य, संसद भवन, संसदीय आचरण, लोकतांत्रिक परंपरा

#### प्रस्तावना -

भारत विश्व का सबसे बड़ा लोकतांत्रिक देश है। विश्व में लोकतांत्रिक होने का दावा करने वाले जितने भी देश हैं, उतनी ही लोकतांत्रिक व्यवस्था है। सभी ने लोकतंत्र को ही शासन का आधार बनाया है। इतना सत्य पहले शक्ति हमारे वेदों में से संसद में लोकतंत्र के विचारों का समझाने यानि समूह चेतना के रूप में देखा गया है।

नीतिगत में अंतर हो सकता है, राजनीति में भिन्नता हो सकती है लेकिन हम जनता की सेवा के लिए हैं। इस अतिम लक्ष्य में कोई कलंक नहीं माना चाहिए। बाद-संवाद संसद के ही का संसद के धर्म राष्ट्रसेवा का सकल्प, राष्ट्रहित की प्रति समर्पण स्थापना, एकता चाहिए। किसी देश में लोकतांत्रिक प्रणाली की क्या रूप-रखा होगी, उसका क्या स्वरूप होगा, यह उस देश की सामाजिक, सांस्कृतिक मूल्यों, स्थानीय दशाज और राजनीतिक संस्कृति पर निर्भर करता है। एशिया महाद्वीप में संसदों-भारत उन कुछ बहुत थोड़े से देशों में एक है जिनमें लोकतांत्रिक स्वरूप को जारी रखा है जो उसका स्वतंत्र प्रतीक के रूप में अपनाया था।

भारत की संसद एक शीर्षरथ विधायी संस्था है और यह भारत की जनता की सेवा और सम्प्रभुता का मूल रूप है। भारत की लोकतांत्रिक, संवैधानिक व्यवस्था में इसका एक विशिष्ट और

गहनपूर्ण स्थान है। संसद भारत के राष्ट्रपति और दो सदनों, अर्थात् कौंसिल ऑफ स्टेट्स (राज्य सभा) और हाउस ऑफ द पीपुल (लोक सभा) से मिलकर बनी है। राष्ट्रपति संसद के दोनों सदनों का सत्र आहूत करता है और इसका सत्रावसान करता है। लोक सभा का विघटन करने की शक्ति राष्ट्रपति में निहित है। राज्य सभा एक स्थायी सदन है जबकि लोक सभा के सदस्य यदि सदन पहले विघटित न हो जाए, पांच वर्ष की अवधि के लिए निर्वाचित होते हैं।

आज हम इस तथ्य पर उचित गर्व कर सकते हैं कि भारत विश्व में सबसे बड़ा कार्यरत लोकतंत्र है। हम इस बात पर भी समान रूप से गर्व कर सकते हैं कि पिछली आधी सदी के दौरान हमने बड़ी-बड़ी बाधाओं का सामना करते हुए अपने संविधान तथा शासन की लोकतांत्रिक प्रणाली को सुरक्षित बनाये रखा है। शासन प्रणाली का लोकतांत्रिक स्वरूप, जिसे हमारे संविधान निर्माताओं ने हमें देश को नियति का मार्गदर्शन करते के लिए सौंपा था वह लोक संप्रभुता, विधानमंडल की प्रमुखता और सार्वभूमता, कार्यपालिका के उत्तरदायित्व तथा न्यायपालिका की स्वतंत्रता पर आधारित है।

यह एक निर्विवाद तथ्य है कि संसदीय लोकतंत्र, जिसके बीज हमारी स्वतंत्रता के प्रारंभिक दशकों में ही बो दिये गये थे, ने

## भारत में संसदीय लोकतंत्र के 70 वर्ष

शेखराज चंद्राकर। एच.डी. सुभाष चंद्राकर \*

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### शारंग:

भारतीय लोकतांत्रिक शासन प्रणाली में संसद का एक महत्वपूर्ण स्थान है यह एक ऐसा आधार है जिस पर भारतीय राज्य व्यवस्था बड़े ही आनंदार-रंग से टिकी है तथा विभिन्न क्षेत्रों में सराहना प्राप्त कर रही है और उन सबके लिए प्रेरणा का स्रोत है जो लोकतांत्रिक आदर्शों के पोषक और संरक्षक हैं। भारत में संसदीय लोकतंत्र ने विभिन्न चुनौतियों का सफलतापूर्वक सामना किया है। संसदीय लोकतंत्र, जिसके बीच हमारी स्वातंत्रता के प्रारंभिक दशकों में हो चुके विघे घबे से, ने आज भारत में बहुत गहरी और मजबूत जड़े जमा ली है। लोकतंत्र सबसे अच्छे ढंग से तभी काम करता है जब वह सबसे अधिक प्रतिनिधिक होता है। अचार्य भंडारिता हमारे विद्यालयमंडलों में नीतिकला का महत्व स्थापित करने की विज्ञान में यह एक उचित कदम होगा। संसदीय प्रणाली एक सशरीरता का प्रदान करती है। इसे सुधारने की जरूरत है, बदलने की नहीं।

**बीज-शब्द:** लोकतांत्रिक आदर्श, लोकतांत्रिक शासन प्रणाली, संसद की उपसदियों, विधानी कार्य, संसद के व्यवहार

### संस्तारना

राष्ट्रीय विधानमंडल के रूप में तथा संघ की विधानी शक्ति का आधार होने के कारण हमारी लोकतांत्रिक शासन प्रणाली में संसद का एक महत्वपूर्ण स्थान है। यह एक ऐसा आधार है जिस पर भारतीय राज्य व्यवस्था बड़े ही आनंदार-रंग से टिकी है तथा विभिन्न क्षेत्रों में सराहना प्राप्त कर रही है और उन सबके लिए प्रेरणा का स्रोत है जो लोकतांत्रिक आदर्शों के पोषक और संरक्षक हैं। गत सात दशकों के दौरान सामाजिक, राजनीतिक और आर्थिक क्षेत्र में हमारी संसद की उपसदियों उल्लेखनीय रही हैं। भारत में संसदीय लोकतंत्र ने विभिन्न चुनौतियों का सफलतापूर्वक सामना किया है। हमारी संसद हमारे संविधान के उच्च आदर्शों, सामान्य महमानी लोकतंत्र, सामाजिक और धार्मिक बहुसंघाट, सामाजिक स्थान तथा धार्मिकों को

सामाजिक, आर्थिक, वैज्ञानिक, औद्योगिकीय इत्यादि विभिन्न क्षेत्रों में राष्ट्र की प्रगति में सहभागी बनने के अधिक अवसर प्रदान करने जैसे आदर्शों का सम्बर्धन करने में महत्वपूर्ण भूमिका निभा रही है।

भारत विश्व का सबसे बड़ा लोकतांत्रिक देश है। विश्व में लोकतांत्रिक होने का दावा करने वाले जितने भी देश हैं, उतनी ही लोकतांत्रिक प्रणालियां हैं। किसी देश में लोकतांत्रिक प्रणाली की क्या रूप-रेखा होगी, उसका क्या स्वरूप होगा, यह उस देश की सामाजिक, सांस्कृतिक मूल्यों, स्थानीय कानूनों और राजनीतिक संस्कृति पर निर्भर करता है। एशिया महाद्वीप में संभवतः भारत उन कुछ महत्व भोजे से देशों में एक है जिन्होंने उनी लोकतांत्रिक स्वरूप को जारी रखा है जो उसने स्वतंत्रता प्राप्ति के समय अपनाया था।

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बहासमुद (छ.ग.)

#### सारांश

भारत का संविधान भारतीयों की त्याग तपस्या बलिदान की कहानी है केवल अंग्रेजों की उग्रता की विला नहीं है, ब्रिटेन की हमारी संसदीय व्यवस्था के विभास में ब्रिटिश संसदीय व्यवस्था का प्रतिरूप दिखाई देता है। हमारे देश में राजकाज और जननी संसद को माना गया है और संविधान सर्वोच्च शक्ति का केन्द्र है। संसद संवैधानिक व्यवस्था का प्रतीक है। संसद ही समस्त राजनीतिक गतिविधियों का केन्द्र है। सरकार संसद के प्रति जवाबदेह है, भारत की संसद और उसके संसद भारत की गरिमा और अस्मिता के प्रतीक हैं। जब भारत स्वतंत्र हुआ तो संविधान निर्माताओं ने अन्य विकल्प होते हुए भी देश का शासन चलाने के लिए संसदीय प्रणाली को अपनाया। देश के लिए संसदीय प्रणाली अपनाए जाने से पहले देश के सर्वश्रेष्ठ चिंतनशील व्यक्तियों ने संविधान सभा में लम्बे समय तक विस्तार से चर्चा को इस प्रणाली ने इसलिए स्वीकृता दी गई क्योंकि इसे हमारी संस्कृति, प्रकृति और लोकतंत्र की दृष्टि से अधिक उपयुक्त पाया गया। हमारे संविधान निर्माताओं ने जब संसदीय लोकतंत्र की परिकल्पना की होगी, तब निश्चित रूप से उन्होंने एक सुशासन भारत का सपना देख होगा लेकिन वर्तमान संसद का स्वरूप देखकर लगता है कि इसका लक्ष्य सिर्फ हासिल करने ही रह गया है।

#### प्रस्तावना :-

हमारे देश में राजकाज की जननी संसद को माना गया है और संविधान सर्वोच्च शक्ति का केन्द्र है। संसद संवैधानिक व्यवस्था का प्रतीक है। संसद ही समस्त राजनीतिक गतिविधियों का केन्द्र है। सरकार संसद के प्रति जवाबदेह है, भारत की संसद और उसके संसद भारत की गरिमा और अस्मिता के प्रतीक हैं। जब भारत स्वतंत्र हुआ तो संविधान निर्माताओं ने अन्य विकल्प होते हुए भी देश का शासन चलाने के लिए संसदीय प्रणाली को अपनाया। देश के लिए संसदीय प्रणाली अपनाए जाने से पहले देश के सर्वश्रेष्ठ चिंतनशील व्यक्तियों ने संविधान सभा में लम्बे समय तक विस्तार से चर्चा को इस प्रणाली ने इसलिए स्वीकृता दी गई क्योंकि इसे हमारी संस्कृति, प्रकृति और लोकतंत्र की दृष्टि से अधिक उपयुक्त पाया गया। इसके अलावा, हमारे पास इस प्रणाली का ब्रिटिश शासन के दौरान हुआ कुछ अनुभव भी था। महामंद जैसे हमारे प्राचीन साहित्य में भी उस समय विद्यमान सभा और सभिति नामक संस्थाओं का उल्लेख किया गया है। ये संस्थाएँ कुछ-कुछ वर्तमान भारत की लोकप्रिय प्रतिनिधि संस्थाओं के समान थीं।

हमारे संविधान निर्माताओं ने जब संसदीय लोकतंत्र की परिकल्पना की होगी, तब निश्चित रूप से उन्होंने एक सुशासन भारत का सपना देख होगा लेकिन वर्तमान संसद का स्वरूप देखकर लगता है कि इसका लक्ष्य सिर्फ हासिल करने ही रह गया है। हमारी संसद संविधान निर्माताओं के अनुरूप काम नहीं कर पा रही और उग्रता सबसे बड़ा कारण यह लगता है कि देश की राजनीति का स्वरूप बदल गया है। संसद, सांसदों से बनती है, यदि सांसदों का चरित्र बदल जाये तो, उसका असर संसद के क्रिया-कलापों और उसकी गरिमा पर पड़ना स्वाभाविक है। स्वाधीनता के बाद प्रारंभिक वर्षों में राजनीति में जो लोग आये थे, उनकी पृष्ठभूमि स्वाधीनता संग्राम की थी। वे आजादी के संघर्ष में लगे हुए लोग थे और उन्होंने राजनीति का वह स्वरूप देखा था, जिसमें लोग सार्वजनिक जीवन में त्याग करके देश की सेवा के लिए जाये थे। बाद के वर्षों में राजनीति एक लाभप्रद पेशा बन गई, इससे संसदीय परम्परा को भारी क्षति पहुँची है।

**संसदीय कार्य में मात्रात्मक और गुणात्मक दोनों ही दृष्टि से गिरावट :-**

भारत का संविधान भारतीयों की त्याग तपस्या बलिदान की कहानी है केवल अंग्रेजों की उग्रता की विला नहीं है, वर्तमान की हमारी संसदीय व्यवस्था के विकास में ब्रिटिश संसदीय व्यवस्था का प्रतिरूप दिखाई देता है। भारतीयों ने 'हिन्द स्वराज' की रचना 1909 ई. में ब्रिटिश संसद की अल्पसंख्यकता करके हुए की थी तथा उसमें प्राचीन भारतीय संसद का गुणगान किया था। प्राचीन भारत की सभ-सम्मेलन, प्रतिपूर्ण संवाद का संघर्ष और बौद्ध काल में मण्डल में भी सभा-सदनों की कार्यवाही उत्कृष्ट थी।



## A STUDY ON CONSUMER PERCEPTION TOWARDS ORGANIC PERSONAL CARE PRODUCTS

□ Srijaity Shrivastava\*  
Dr. Bharati Pujari\*\*

### ABSTRACT

Consumer perception plays an important role while deciding on purchasing any product because they are more concerned about their skin so the consumption of organic personal care products is rising nowadays. The demand for organic product is increasing because consumers are self-conscious about their health and beautification. So, they go through the natural ingredients which care for their skin from harmful effects. So, the consumers switch from chemical to organic product because the chemical ingredients can harm their body and skin. So, consumer perception about organic personal care product is required for the study. The research is conducted to know the people's perception of organic personal care products. For analysis, primary data is required for the study which is collected through a questionnaire and it is distributed to 100 samples chosen from Chhattisgarh state. It is concluded that all customers are aware of the product, most of the customers are satisfied with the quality & price of the product. It is also concluded that while purchasing organic product they focus more on customer review and they like the product because of the chemical free nature and no side-effect issue.

**Keywords :** Consumer perception, organic product, personal care product.

**Introduction-** In the present scenario, the consumers are more cautious about their health and skin. Organic personal care products are those products that consumers use for their personal uses. Consumers spend too much amount on purchasing products because they never compromise with their skin. Consumers are increasingly opting for organic products. So, they start using an organic product which is free from all pesticides like sewage, chemical-free, synthetic fertilizer, no experiment in animals, etc. so, the consumers are switching chemicals to organic production. The personal care product industries are tied up with themselves in the natural markets.

Personal care is that industries which manufactures products for beauty and personal care usage. It includes lotions, hair dyes, lipsticks, cosmetics, creams, deodorants, bath soaps, shampoos, toothpaste,

perfumes, UV filters, sunscreens, fragrances, and household items. Organic products are made up of plant-based ingredients such as almond, palm, jojoba, safflower, and coconut oils; soy and oat derivatives; and cocoa and shea butter. In addition, products termed 'organic' generally do not contain synthetic chemicals such as phthalates, parabens, aluminium salts, and petrochemicals (KPMG International, 2016). Chemicals and synthetic ingredients, used in many skincare and cosmetic products, can cause many effects, especially for people with sensitive skin and potential allergic reactions. The overwhelming array of synthetic and potentially harmful ingredients used in skincare and cosmetic products (health hazards associated with phthalates, parabens, petroleum-based chemicals, aluminium salts, etc.) Organic personal care product is generally defined as beautification that contains

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### Abstract

The present research is based on a comparative study of the attitude towards information communication technology among the students of government and non-government schools of Raipur district. 80 students have been selected by random sampling method, in which 40 students are from government schools and 40 students are from non-government schools. In this research attitude towards information communication technology of govt and non govt school of Raipur district is studied. No significant difference was found between students of government schools and students of non-government schools in the attitude towards information communication technology.

### 1. Introduction

In the present time, modern technology has made our life simple and easy, the effect of every means of communication is clearly visible in every sphere of life, in view of the ever-changing circumstances and the fulfilment of the needs of modern society, teaching-learning, learning. The need for a vast change has also been felt in the process of teaching and the use of audio-visual equipment, the use of information communication technology, nowadays, our ideas are used to reach other people through electronic means under information communication technology. Radio, T.V., Video, Audio Telephone Satellite





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Research Article

**A Study and Analysis on The Impact of Online Consumer's Review and Rating on Consumer Buying Behaviour**

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**Abstract**

As the growth of e-commerce and the expansion of the internet increases, people have become more and more acquainted with online shopping. The internet plays an important role in our day-to-day life where people can interact with each other in two different worlds. In E-shopping, consumers directly get the products from seller with the help of internet. Consumers now examine several factors while they are planning to buy the product and give their opinion. The consumer is firstly identified about the product, from the consumer review when they purchase any product. This survey focuses on the impact of online consumer's reviews and ratings on buying behaviour of a consumer.

**Keyword-**Consumer buying behaviour, consumer rating, consumer review.

**Introduction:** Online shopping is a process where products are directly purchased by the consumer over the internet. Amazon, Flipkart, Snapdeal, eBay, etc are among the top online E-shopping sites in India which allows the consumers to buy directly from the sites. The main purpose of E-shopping is to save the money and time of the consumers while purchasing the product. Before buying the product, customers go to numerous sites and take decisions whether they buy the product or not, and after taking the decision they give their point of review on the comment box. Now a days consumers focus more on review when they purchase the product online. The online consumer's review is generally a text box where consumers express their opinion while purchasing the product. The online review allows a consumer to collect a piece of complete information about the product whether they are trustworthy compared to information provided by the seller. They have to scrutinize online reviews before buying in order to evaluate awareness.

**Online shopping in India**

India is having one of the largest markets in the online shopping industry. In the present era, the internet has seen tremendous growth, changing the way people buy and sell. India's e-shopping market is increasing in size at the rate of 5% with estimated revenue of \$56.6 billion in FY 2021. India comprises approximately 40 million daily active internet users.

**Online Review and Rating**

Product reviews and ratings are the important features of all e-commerce sites in the world. Customer review is the customer feedback on e-commerce. Before purchasing any product, more than 90% of consumers read online reviews and ratings. It has a real impact on customer action. Online reviews are the biggest sources of information for customers who buy products from any website. Thus, it is clear from above that consumers depend heavily on reviews to explain them through many of their buying decisions.

**Consumer Buying Behaviour**

Schiffman defines consumer buying behaviour as "The satisfying the needs and wants of the consumer. The consumer's behaviour happens in observing, buying, analysing and discarding of products and services". According to Philip Kotler (1994) Consumer buying behaviour is the study of different methods used

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## स्वास्थ्य पर राज्य के सार्वजनिक व्यय के प्रभाव का अध्ययन

- मेधा इन्सेना

\*\* ए. को. पाण्डेय

**सारांश-** कहा जाता है स्वास्थ्य ही मनुष्य का असली धन है। किसी राष्ट्र या समाज की अन्नति उसके नागरिकों के स्वास्थ्य पर निर्भर करती है। यदि वहाँ के निवासी स्वस्थ हैं तो निश्चित रूप से वह देश भी अन्नति को शिखर पर पहुँच सकता है। अच्छे स्वास्थ्य के अन्तर्गत शारीरिक शक्ति, क्षमता तथा सहनशीलता का पर्याप्त भंडार और मानसिक सन्तुलन भी आता है। छत्तीसगढ़ राज्य सरकार अपने राज्य के निवासियों के शारीरिक तथा मानसिक रूप से स्वस्थ बनाने के लिए सार्वजनिक व्यय के माध्यम से अनेक सुविधाएँ तथा अनेक सेवाएँ प्रदान कर रही है। वर्ष 2011 तक प्रदेश में जन्मदर का स्तर 21 प्रति हजार बनने का लक्ष्य रखा गया था, जोकि वर्तमान में 24.4 प्रति हजार है तथा शिशु मृत्युदर, जोकि वर्तमान में 46 प्रति हजार जीवित जन्म है, उसे 30 प्रति हजार जीवित जन्म तक लाने हेतु राष्ट्रीय जनसंख्या नीति एवं शिशु स्वास्थ्य संवर्धन कार्यक्रमों का पालन छत्तीसगढ़ राज्य में किया जा रहा है।

**मुख्य शब्द-** सार्वजनिक व्यय, शिशु मृत्यु दर, सामाजिक कल्याण, जन्म दर, मृत्यु दर, मातृत्व मृत्यु दर

**परिचय-** मनुष्य के जीवन में स्वास्थ्य का महत्वपूर्ण स्थान होता है। स्वास्थ्य व्यक्ति को अमृत्यु निधि है। यह कोयल व्यक्ति विशेष को प्रभावित नहीं करता बल्कि जिस समाज में रह रहा है उस सम्पूर्ण समाज को प्रभावित करता है। स्वस्थ मनुष्य ही अपने कर्तव्यों एवं उत्तरदायित्वों का निर्वाह कुशलतापूर्वक कर सकता है। यदि धन खो गया तो कुछ नहीं खोया, यदि चरित्र खो गया तो कुछ खो गया।

छत्तीसगढ़ राज्य की स्थापना 1 नवम्बर 2000 से 26वें राज्य के रूप में हुई है। छत्तीसगढ़ राज्य सरकार राज्य की स्थापना से ही अपने राज्य के निवासीयों को प्रति हतक एवं जागरूक है। सार्वजनिक व्यय के माध्यम से अपने राज्य की जनता को अनेक स्वास्थ्य एवं चिकित्सा संबंधी सुविधाएँ प्रदान कर रही है, अनेक स्वास्थ्य संबंधित योजनाएँ लागू कर रही है जैसे - (1) परिवार कल्याण एवं मातृत्व एवं शिशु कल्याण कार्यक्रम (2) जनता सुरक्षा योजना (3) राष्ट्रीय कुष्ठ उन्मूलन कार्यक्रम (4) पल्स

\* शोधार्थी (पीएच. डी.) अर्थशास्त्र अध्ययन संस्थान, पंडित रविशंकर शुक्ल विश्वविद्यालय रायपुर (छ.ग.)

\*\* प्राध्यापक, अर्थशास्त्र अध्ययन संस्थान, पंडित रविशंकर शुक्ल विश्वविद्यालय रायपुर (छ.ग.)

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## छत्तीसगढ़ में सार्वजनिक व्यय का शिक्षा पर उसके प्रभाव का अध्ययन

• मेधा इन्द्रेना

• ए. के. पाण्डेय

**सारांश-** सार्वजनिक व्यय राजस्व का अत्यन्त महत्वपूर्ण विभाग है क्योंकि सार्वजनिक व्यय से केवल इसका परिवार प्रभावित होता है परन्तु सरकार द्वारा किये गये सार्वजनिक व्यय से सम्पूर्ण राष्ट्र प्रभावित होता है। राष्ट्र को आर्थिक एवं सामाजिक विकास के लिए सरकार सार्वजनिक व्यय को एक अस्त्र के रूप में उपयोग करता है। छ.ग. राज्य सरकार सार्वजनिक व्यय को माध्यम से सामान का एक महत्वपूर्ण पहलू शिक्षा पर भी व्यय कर रही है। जिससे कि राज्य का प्रत्येक नागरिक शिक्षित हो और राज्य के विकास में महत्वपूर्ण योगदान दे। छ.ग. की साक्षरता दर वर्ष 2001 में 64.66 प्रतिशत थी तथा वर्ष 2011 में 78.28 हो गई। छत्तीसगढ़ की सर्वाधिक साक्षरता दर वाला जिला दुर्ग है जिसमें 82 प्रतिशत साक्षरता दर है तथा सबसे कम साक्षरता दर वाला जिला सुकमा है जिसकी साक्षरता दर 34 प्रतिशत है इस प्रकार छ.ग. साक्षरता की दृष्टि से सम्पूर्ण भारत में 28 वें स्थान पर है। छ.ग. राज्य सरकार के द्वारा किये गए कुल सार्वजनिक व्यय के आँकड़ों का आंकलन करने से पता चलता है कि वर्ष 2001-02 में कुल सार्वजनिक व्यय 8094.63 करोड़ रुपये थी, जिसमें शिक्षा पर किये गये सार्वजनिक व्यय 836.36 करोड़ रुपये है तथा उसी वर्ष स्कूल शिक्षा में कुल पंजीयन दर (GER) 47.69 प्रतिशत थी। सरकार के द्वारा शिक्षा पर किये गये सार्वजनिक व्यय से शिक्षा के स्तर पर सुधार हुआ है तथा राज्य का शैक्षणिक विकास हुआ है।

**मुख्य शब्द-** सार्वजनिक व्यय, शिक्षा पर कुल पंजीयन दर, सकल घरेलू उत्पादन, मानवविकास।

**परिचय-** सार्वजनिक व्यय राज्य सरकार तथा स्थानीय सरकार द्वारा किये गया व्यय सार्वजनिक व्यय कहलाता है। यह राजस्व का बहुत ही महत्वपूर्ण विभाग है। किसी भी राष्ट्र के विकास में राज्य की भूमिका बहुत ही महत्वपूर्ण होती है। आज देश

• शोभादी, पीएच. डी., अर्थशास्त्र अध्ययनशाला, पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर (छ.ग.)

• प्रार्यापक, अर्थशास्त्र अध्ययनशाला पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर (छ.ग.)

**RESEARCH ARTICLE**

**राज्य के विकास का प्रमुख आधार खनिज संसाधन**

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**ABSTRACT:**

छत्तीसगढ़ खनिज संसाधनों की दृष्टि से सम्पन्न राज्य है। प्राकृतिक संसाधनों में खनिज संसाधन प्रचुर मात्रा में पाई जाती है। जिसमें 28 प्रकार के खनिज उपलब्ध है और उसमें से 20 प्रकार के खनिजों का खनन किया जाता है। यहाँ लौह अयस्क, कोयला, डोलोमाइट, बाक्साइट, टिन अयस्क (कैसिटेराइट), चूने का पत्थर, हीरा आदि विश्व प्रसिद्ध भण्डार है। इसके अलावा स्थानीय स्तर पर यहाँ अनेक बहुमूल्य खनिज जैसे-एन्सलुसाइट, क्ले, थैराइट, गेस खनिज लवण युक्त जल जिससे प्रचुर खनिज युक्त क्रिस्टल वाटर बनाया जा सकता है, उपलब्ध है। सोना तथा हीरा जैसे बहुमूल्य धातु की खोज ने इस क्षेत्र को देश-विदेश में प्रख्यात कर दिया है। इन खनिज संसाधनों के सहयोग से छत्तीसगढ़ को आर्थिक विकास को बल मिला है। अनेक उद्योग-धंधों की स्थापना इन्हीं के सहयोग से हुआ है। भारत के प्रमुख खनिज राज्य स्व उत्पादन में छत्तीसगढ़ राज्य का योगदान वर्ष 2017-18 में 15.89 प्रतिशत रहा है। छ.ग. राज्य के राज्य आय में खनिज का लगभग 27 प्रतिशत योगदान है। खनिज उत्पादन तथा भण्डार की दृष्टि से देश के पूरे राज्यों में तीसरा स्थान है।

**KEYWORDS:** खनिज संसाधन, विमणन, खनिज राज्य, खनिज उत्पादन, खनन, राष्ट्रीय आय।

**प्रस्तावना :-**

1 नवम्बर सन् 2000 को छत्तीसगढ़ राज्य की स्थापना हुई। छ.ग. भारत के 28वें राज्य के रूप में उत्तर कर सामने आया। मध्य प्रदेश, छत्तीसगढ़ का मातृत्व राज्य है जिससे पृथक कर एक अलग राज्य छत्तीसगढ़ के नाम से बनाया गया है। मध्य प्रदेश से पृथक होने के बाद उसका प्रमुख खनिज क्षेत्र छत्तीसगढ़ में आ गया है। यहाँ अनेक प्रकार के खनिज प्रचुर मात्रा में उपलब्ध है। खनिज संसाधनों से आभय, भू-गर्भ की खोदकर निकाले जाने वाले पदार्थ को खनिज संसाधन कहते हैं। यह किसी ना किसी रूप में मनुष्य के काम आते हैं। छत्तीसगढ़ में मुख्य रूप से पाये जाने वाले खनिज-कोयला, लौह अयस्क, चूना पत्थर, डोलोमाइट, बाक्साइट, टिन है। मुख्य खनिज से राज्य को वर्ष 2017-18 में 4014.20 करोड़ रु. तथा वर्ष 2018-19 में 4825.96 करोड़ रु. आय प्राप्त हुई है। छत्तीसगढ़ में पाये जाने वाले गौण खनिजों में - ग्रेनाइट, फ्लोपत्थर, मिट्टी, मरम, रेत, क्वार्ट्ज, कायबले कोरंडम आदि आते हैं। छत्तीसगढ़ को वर्ष 2017-18 में गौण खनिजों से 213.89 करोड़ रु. आय प्राप्त हुए हैं। मुस्तर जिले में सर्वाधिक विविध प्रकार की खनिज पाई जाती है। दुर्ग, बलौवाकाजार, रायपुर, बिलासपुर में सर्वाधिक चूनापत्थर पाये जाते हैं।

जिसका उपयोग सीमेंट, लॉहस्पताल तथा रसायनिक उद्योग में होता है। बस्तर तथा दुर्ग जिलों में उच्च किस्म के लौह अयस्क उपलब्ध हैं। दन्तेवाड़ा जिले के बिलाडीला का लौह अयस्क विश्व के श्रेष्ठतम लौह अयस्क में से एक है। जिसका निर्यात विशाखापट्टनम बंदरगाह से जापान को होता है। कोयले का विशाल भण्डार कोरबा, रायगढ़ जिले के भावागढ़ी तथा सरगुजा जिले के विश्रामपुर, चिरभिरी, सोनहट आदि क्षेत्रों में पाये जाते हैं। टिन का भारत में एक मात्र उत्पादन छत्तीसगढ़ दन्तेवाड़ा तथा सुकमा जिले में होता है। टिन का 100 प्रतिशत आय छत्तीसगढ़ से प्राप्त होता है। छत्तीसगढ़ में खनिजों का उत्खनन राष्ट्रीय खनिज विकास निगम (NMDC) के माध्यम से केंद्र सरकार द्वारा प्रदेश के खनी में किया जा रहा है।

राज्य खनिज निगम द्वारा छत्तीसगढ़ राज्य के बिलासपुर दुर्ग, बस्तर, कोरबा, दन्तेवाड़ा में दोहन का कार्य किया जा रहा है। खनिज संसाधनों से कृषि, व्यापार, उद्योग धर्मों तथा परिवहन आदि क्षेत्रों के विकास के लिए आधारभूत ढांचा का निर्माण होता है। जिससे नई देश का आर्थिक विकास में सहायता मिलती है तथा वह राष्ट्र आर्थिक रूप से मजबूत बनता है।

#### अध्ययन के उद्देश्य :-

प्रस्तुत अध्ययन के निम्नलिखित उद्देश्य हैं -

- (1) छत्तीसगढ़ राज्य के आर्थिक विकास में प्रमुख खनिज संसाधनों की भूमिका का अध्ययन करना।
- (2) खनिज संसाधनों के उत्पादन तथा आय में होने वाले परिवर्तनशीलता का अध्ययन करना।
- (3) अध्ययन के निष्कर्षों के आधार पर उपयुक्त सुझाव प्रस्तुत करना।

#### स्रोत पद्धति :-

(क) आँकड़ों का संग्रहण - प्रस्तुत अध्ययन मुख्य रूप से द्वितीयक आँकड़ों पर आधारित है। खनिज संसाधनों से सम्बन्धित आँकड़ों का संकलन संचालय शैमिकी तथा खनिजकर्म छत्तीसगढ़ शासन रायपुर, जनसंपर्क संचालनालय छत्तीसगढ़ शासन रायपुर द्वारा प्रकाशित वार्षिक प्रतिवेदनों छत्तीसगढ़ आर्थिक सर्वेक्षण तथा पत्र-पत्रिकाओं द्वारा संकलित किया गया है।

(ख) आँकड़ों का विश्लेषण - अध्ययन के उद्देश्य के आधार पर जिन सांख्यिकीय तकनीकियों का उपयोग किया गया है, वह इस प्रकार है -

(1) संयुक्त वृद्धि दर - प्रमुख खनिजों के उत्पादन की प्रवृत्ति का अध्ययन करने के लिए संयुक्त वृद्धि दर का प्रयोग किया गया है। इसका सूत्र इस प्रकार है -

$$Y = AB^t$$

जहाँ -

$$Y = \text{प्रवृत्ति दर}$$

$$A = \text{स्थिरांक}$$

$$B = (1 + r) \text{ जहाँ } r = \text{संयुक्त वृद्धि दर (\% में)}$$

(2) विक्षरण गुणांक - अध्ययन अवधि में एकत्रित आँकड़ों में परिवर्तनशीलता की दर को जानने के लिए विक्षरण गुणांक ज्ञात किया गया है। इसका सूत्र इस प्रकार है -

$$C.V. = \frac{S.D.}{\bar{X}} \times 100$$

जहाँ -

$$C.V. = \text{विक्षरण गुणांक (\% में)}$$

$$S.D. = \text{प्रमाण विचलन}$$

$$\bar{X} = \text{समानांतर माध्य}$$

100th Political Science Conference  
&  
International Seminar  
ON  
**Global Rise of Incredible India**



The distinguished Prof/Dr Mr/MS शेखरान चन्द्राकर


श्रीमान्क प्राध्यापक (राजनीति विभाग) आई एम सी एन विश्वविद्यालय

has participated and

presented a paper entitled - इकडेला-फे उलाव के उजवा प्रकृष्ट कुौरिवा

in the

100th All India Political Science Conference and International Seminar on **Global Rise of Incredible India** of the Indian Political Science Association (IPSA) on 26-27 March, 2022 organized by University of Science and Technology, Gandhinagar

  
President  
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General Secretary and Treasurer  
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# भारतीय राजनीति विज्ञान शोध पत्रिका

भारतीय राजनीति विज्ञान परिषद् का अर्द्धवार्षिक प्रकाशन  
प्र. क्र. ३६, प्रथम, जनवरी-जून २०२२

क्वचित्प्रकाशं क्वचिदप्रकाशं

नभः प्रकीर्णाम्बुधरं विभाति।

क्वचित्क्वचित्पर्वत सन्निरुद्धं

रूपं यथा शान्तमहागवस्य॥

जी. राम रेड्डी  
सम्पादक



शोध  
दिग्दर्श

# भारत में संसदीय शासन प्रणाली का उद्भव एवं विकास

डॉ. आशीष मिश्रा

सीनियर, इलाहाबाद

प्रोफेसर, बनारस

राज्यपाल, इलाहाबाद, राजकीय विश्वविद्यालय

आई.एस.सी.एच. विश्वविद्यालय, कानपुर, (कोशिका), गौरीघाट, इलाहाबाद

**शोध प्रश्न:** भारत में लोकतंत्र को मजबूत इच्छित शासन प्रणाली माना गया है। भारतीय प्रजातंत्र का विकास भारत में अनेक सक्रिय गणतंत्रों से। उदाहरणतः एंग्लो-नार्वेजियन, जर्मनी की संसदीय प्रणाली का अर्थात् अंग्रेज, फ्रांस, अमेरिका इत्यादि से अनेक विचारों का अन्वेषण तथा अनुसंधान आदि। विशेष रूप से अंग्रेजों के प्रभाव के अधीन विशाल साम्राज्यों के अन्तर्गत अंग्रेज-राज्य अधिपत्य से अनेक।

**शोध प्रश्न:** संसदीय लोकतंत्र और राज्यसभा, लोकतंत्र, लोकतांत्रिक शासन प्रणाली, समतात्मक शासन, व्यवस्थापिका, कार्यपालिका और न्यायपालिका।

**प्रस्तावना:** भारत विश्व का सबसे बड़ा लोकतांत्रिक देश है। विश्व में लोकतांत्रिक होने का उदाहरण देने वाले देश हैं। अपनी ही लोकतांत्रिक प्रणालियाँ हैं। किसी देश में लोकतांत्रिक प्रणाली को बनाए रखना होगा, उसका क्या स्वरूप होगा, यह उस देश की सांस्कृतिक, सामाजिक, आर्थिक, स्थानीय दशाओं और ऐतिहासिक संस्कृति पर निर्भर करता है।

भारत में 'कॉन्स्टीट्यूट' की रचना से भी पूर्व लोकतांत्रिक व्यवस्था के कई उदाहरण मिलते हैं। 'कॉन्स्टीट्यूट' एवं 'संसदीय' दो संस्थाओं का उल्लेख किया गया है। यहाँ से आधुनिक संसदीय प्रणाली का उद्भव हुआ। राजा और उसके सहयोगियों के लिए सभा और समितियाँ बनाई गयीं। 'संसदीय' एक अंग्रेजों का कार्य करती थी। जो राज्य से संबंधित मामलों में परामर्श तथा राजा के निर्वाचन में सहायता करती थी। 'सभा' विभिन्न वर्गों के समूहों की एक छोटी इकाई थी जो विधान सभलों में उसके अन्दर के चुनावों में। इस समय लोकनिर्वाह से संबंधित उत्तर, जैसे चर्चा, संकल्प, तथापि, बहुमत द्वारा दिया गया निर्णय मान्य था जो कि वर्तमान समय में आधुनिक संसदीय लोकतांत्रिक व्यवस्था का आधार बने अनेक हैं। गणतंत्र, निर्वाचित राजा और समिति जैसी संस्थाओं कुछ समय पश्चात् विद्यमान हो गयीं पानु प्रथम स्तरीय लोकतांत्रिक निम्न राजवर्षों के अन्तर्गत में भी अस्तित्व में रही। ब्रिटिश शासनकाल में भी वे किसी न किसी रूप में प्रभावी संस्थाओं के रूप में कार्य करती रही।

ईस्ट इंडिया कम्पनी को ब्रिटिश व्यापार कम्पनी ने एनकीय घोषणा पत्र (राज्य सभार) से भारतीय स्थानीय राजाओं द्वारा व्यापारिक विशेषाधिकार प्राप्त करके भारत में सन् 1600 ई० में स्थापित किया। 18वीं सदी के प्रारंभ में मुगल सत्ता का अंत हो गया। देश में राजाओं के आधी सत्तियों के कारण केंद्रीय तथा राज्यपाल कम्पनी होने लगी जिसका लाभ कम्पनी ने उठाया। ईस्ट इंडिया कम्पनी ने भारत का एक बड़े क्षेत्र को अपने अधिकार में ले लिया। ब्रिटिश संसद ने बड़े क्षेत्र की नियमित निष्पत्ति के लिए तथा कम्पनी के नार्थ की संरक्षण करने के लिए सन् 1773 में रेगुलेशन एक्ट बनाया। इस अधिनियम द्वारा कम्पनी के अधिकार और इंग्लैंड तथा भारत दोनों में परिवर्तित कर दिया गया। इस एक्ट के अंतर्गत कम्पनी के प्रशासन में ब्रिटिश संसदीय नियंत्रण का आरंभ हुआ। भारत के शासन को सम्पूर्ण ब्रिटिश भारत को अपने अन्तर्गत बना दिया गया। एक्ट अन्तर्गत की अनुमति के बिना प्रत्येक वर्ष नया कानून भारत के अन्य राज्यों से कुछ न ही भी बना सकते थे। प्रशासन, विचार, उद्योग, सम्पत्ति से अनेक ऐतिहासिकों को फलदायी प्रभावों के अंतर्गत आ गया।

भारतीय राजनीति विज्ञान शोध पत्रिका

संस्थापक: श्री. के. ए. आर. मन्ना

संस्थापक संपादक: श्री. ए. के. दास

- संस्थापक संपादक:** श्री. ए. के. दास
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- संस्थापक सहायक संपादक:** श्री. ए. के. दास
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**संस्थापक सहायक संपादक:** श्री. ए. के. दास

**संस्थापक सहायक:** श्री. के. ए. आर. मन्ना

1967-1972  
1973-1978

# भारतीय राजनीति विज्ञान शोध पत्रिका

संस्थापक संपादक: श्री. ए. के. दास

संस्थापक: श्री. के. ए. आर. मन्ना

यस्तु सर्वाणि भूतानि  
अस्मभ्येयानुत्सर्जति।  
सर्वभूतेषु ध्यात्मानं  
सर्वे न विजुगुप्सत।।

जानम्लस्य सज्जम्  
अमममममम





संख्या: 2023/2023

1. एक संयुक्त प्रयोग प्रश्नपत्र है जो दो भागों में विभाजित है।
2. प्रत्येक भाग में एक प्रश्न है जो संयुक्त रूप से हल किया जाना है।
3. प्रत्येक प्रश्न का अंक 10 है।
4. प्रयोग प्रश्नपत्र में कुल 20 अंकों का प्रश्न है।
5. प्रयोग प्रश्नपत्र में कुल 20 अंकों का प्रश्न है।
6. प्रयोग प्रश्नपत्र में कुल 20 अंकों का प्रश्न है।

प्रश्न	1	2	3
अंक	10	10	10
कुल	30	30	30

संयुक्त प्रयोग प्रश्नपत्र में कुल 20 अंकों का प्रश्न है।

प्रश्न	1	2	3
अंक	10	10	10
कुल	30	30	30

1. एक संयुक्त प्रयोग प्रश्नपत्र है जो दो भागों में विभाजित है।
2. प्रत्येक भाग में एक प्रश्न है जो संयुक्त रूप से हल किया जाना है।
3. प्रत्येक प्रश्न का अंक 10 है।
4. प्रयोग प्रश्नपत्र में कुल 20 अंकों का प्रश्न है।
5. प्रयोग प्रश्नपत्र में कुल 20 अंकों का प्रश्न है।
6. प्रयोग प्रश्नपत्र में कुल 20 अंकों का प्रश्न है।
7. प्रयोग प्रश्नपत्र में कुल 20 अंकों का प्रश्न है।
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9. प्रयोग प्रश्नपत्र में कुल 20 अंकों का प्रश्न है।
10. प्रयोग प्रश्नपत्र में कुल 20 अंकों का प्रश्न है।



## Indian Political Science Association

Annual Conference and International Seminar

International Seminar

26<sup>th</sup>-27<sup>th</sup> March, 2022

University of Science and Technology, Meghalaya



Dear Dr. Pushpesh Pandey and Dr. Subhash Chandraker,

Greetings from IPSA!

We have received your abstract entitled- " चुनाव सुधार: भारतीय लोकतंत्र की सुदृढ़ता का अहम कदम " for the purpose of presentation in the 59<sup>th</sup> All India Political Science Conference and International Seminar of The Indian Political Science Association (IPSA) on 'Global Rise of Incredible India' being held at the University of Science and Technology Meghalaya, on 26<sup>th</sup>-27<sup>th</sup> March, 2022. I am happy to inform you that your abstract has been accepted for presentation in the conference.

You are cordially invited to attend the conference. Kindly register yourself immediately for the conference by sending the filled-in registration form along with prescribed fee to [ipsaconference59@gmail.com](mailto:ipsaconference59@gmail.com) so that proper arrangements of your reception and stay at USTM could be made well in advance.

Please do not hesitate to contact me for anything, I could do for you.

Looking forward to see you in Meghalaya.

With warm regards,

Yours sincerely

(Sanjeev Kumar Sharma)  
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Indian Political Science Association  
Vice-Chancellor  
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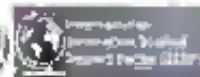


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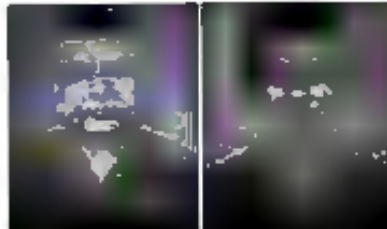


## Store Atmospherics and Customer Satisfaction: An Empirical Study

### Abstract

All over world marketers are spending their maximum time, money and efforts to convince customers that they are producing products which are fit for their needs and wants. In present scenario where retail marketing is gaining dominance, multibrand retail giants in India such as D-mart, reliance, Wal-Mart and single brand retailers too are striving to make specific strategies for their retail outlets to please mere customers. Kotler (1973), Yalob und Spaugenberg (1990) have researched the importance and impact of atmospherics as a marketing tool. As per Levy, Weitz and Pandit (2008) store atmospherics comprises of elements like lighting, colour, music sense and scent which stimulates a customer to take action. Globally marketers are trying to create a favourable impact of atmospheric elements on buying intention of customers. So that by gaining their attention, develop interest towards products and services, stimulates their desire and as a result

### ORIGINAL ARTICLE



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customer take action of purchase. In this paper researchers have tried to study the impact of elements of store atmospherics on satisfaction of customers. The data was collected empirically with interview and tested using appropriate statistical techniques.

### Key Words

Store Atmospherics, Customer Satisfaction, Buying Behaviour.

### Introduction

Nowadays customers are highly demanding and they want to be treated in a good manner so marketers doing efforts to grab chances of repeat purchases which can be converted into loyalty in the long run. The decision making related with purchases is influenced by many factors which can be related to the bundle of benefit offered by store related to purchase experience. The purchase experience is usually shaped by behaviour of staff or the environment of the store which is studied in detail as store atmospherics.

Researchers and marketing practitioners have emphasised on importance and impact of atmospherics as a marketing tool. Kotler (1973) introduced the term atmospherics and defined as "design of an environment through visual communication, lighting, colour, music, scent to stimulate

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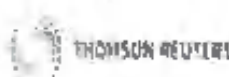
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## Artificial Intelligence and Literature

Dr. Urinder Kant Salal

AP (English), Pt. Harshankar Shukla Memorial College, Raipur, (C.G.)

Literature is regarded as a mirror of life. In fact, humanly visions, thoughts and ideas - all find their ways through written composition and this becomes the literature of that particular period in which it is composed. Again, the political, social, economical, cultural - all the contemporary issues of human life are also depicted by the literary artist in his works. The literary artist uses his pens as a kaleidoscope to depict all the vibrant as well as dull colors of life with minute details. In other words, literature can be regarded as a process where knowledge and entertainment, both are composed, recorded, preserved and then transmitted into various genre forms of literature like poetry, fiction, drama, biography, memoirs, diaries, letters and essays.

The 11<sup>th</sup> edition of Merriam-Webster's Collegiate dictionary has defined literature as, "writings having excellence of form or expression and expressing ideas of permanent or universal interest." Now, when it is regarded that literature expresses universal ideas, it becomes essential that it is composed in such a way that it should not merely give pleasure, but it should function as a means to criticize and affirm cultural values to the issues of society. So, a written piece with some artistic merit can be considered as literature. Moreover, literature with cogency, depth, insight and scope can be said to be great. Early literature of every corner of this world was found to be oral in existence. Be it American, English, Roman, Australian or African - almost every country's glimpse of literature was oral. "Story-telling" was the first form of every country's literature as this was enjoyed by children as well as grown up people. The contemporary issues were highlighted in this genre of story-telling. However, it was around 4th millennium BC when we find oratory literature gradually turning towards the compositional form. Now, literature was written and readers enjoyed reading it in different genres. The writers also experiment writing in different genre forms and expressed their ideas and visions depicting various issues of human life. Written literature demanded publication and so publishing was the next step of progress in literature. Publishing made literature easily accessible to the people interested in reading. Merriam-Webster's Collegiate dictionary very aptly considers in this regard that this literature has, "writings having excellence of form or expression and expressing ideas of permanent or universal interest." So, written literature has a deep impact upon the psyche of the readers and now we find people getting more interested in literature. Literary events and incidents in written form were closely associated to the personal experiences of the common people. Therefore, written literature ruled the literary world for many years to come. Publication made it easier to enclose a large number of readers within 10th time limit. Smooth reading of literature continued till the invention of computers.

The advent of computers accelerated almost every aspect of common life. Literature cannot remain aloof from various data simulation done by computers. So, now we find computer language known as Artificial Intelligence (AI) profiting the world of literature through many softwares that help the writers as well as the readers to comprehend, interface, foresee, create and edit the present literature to make it more accessible. Pro writing aid software helps researchers to make the computers compose some poetic pieces just with the first and the last sentences. Kindle Spy is the software used by the publishers that curates data from top-rated digital books. WASP, another software comprehends the structure of poetry. It also helps the essayists in studying the innovative procedure of writing a literary piece. Plagiarism Checker is yet another equipment that helps in copyright issues while publishing a piece of

Mrs. V

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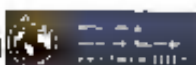
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## Gender Inequality: A Termite for Rising India

**Baljit Kaur Bhawara**

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**Dr. Padma Bohre**

Professor, Education, Pt. Harishankar Shukla Memorial College, Kachna, Raipur, C.G.

**Khashboo Diwan**

Asst. Prof., Education, Pt. Harishankar Shukla Memorial College, Kachna, Raipur, C.G.

### Abstract:

*Sociologically the word gender refers to the socio-cultural definition of man and woman, the way societies distinguish men and women and assign them social roles. The distinction between sex and gender was introduced to deal with the general tendency to attribute women's subordination to their anatomy. These gender differences are created by society. Gender inequality is therefore a form of inequality, which is distinct from other forms of economic and social inequalities. It dwells not only outside the household but also generally within it. It stems not only from pre-existing differences in economic endowments between women and men but also from pre-existing gendered social norms and social perceptions. The present paper highlights the gender inequality issues in rural India. It also suggests the point for the removal of gender inequality from the society thus leading to the rising India with the gender equality.*

**Key words:** Gender Inequality, Sociological aspect, Legislative rights.

### Introduction:

"...men and women indeed do different things sometimes, but society should treat both sexes the same, they should be treated on the same level for two basic reasons; first, they are both humans, and second, they are both part of the society- both can create change, both can contribute to the development of society, and one CANNOT exist without the other."

(-From Voice of Youth, October 2002)

The framers and founders of free India resolved to improve the quality of life and socio-economic condition of all citizens, mainly the villagers, by implementing multi-dimensional development projects and policies. Through such policies they promised to provide minimum needs— food, nutrition, health, security, drinking water, sanitation environmental protection, shelter, etc. They also envisaged the creation of gender equality and a casteless society where the people might live in harmony, fearlessness and with a sense of equality and justice. The makers of free India dreamt of a society, which besides keeping its traditional values and practices intact accommodated the latest development processes. They tried to create a society where nobody is left out of the development process. But the question arises whether everyone is in the same race?

Though India is accelerating fast, Women of all ages, classes and communities in general and those belonging to the SC communities in particular have for generations been subjected to varying degrees of exploitation. The stratified structure of the society, the sexual division of labor and control over women's sexuality has all combined to assign women the traditional roles of mother and wife. They have been made passive receivers of these roles for generations. This role has been sanctified by the age-old Indian tradition to such an extent that it is sometimes abhorrent to a rational mind and civilized conscience. This culture of acquiescence has led to a state of helplessness for women.

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उच्चतर माध्यमिक विद्यार्थियों में नेतृत्व योग्यता एवं जोखिम व्यवहार के मध्य  
संबंध का अध्ययन

शोभा शिवा संतोषी सोनी

सहायक प्राध्यापिका प. विभागाध्यक्ष, गुणवत्ता सुनिश्चिता मन्त्रालय, रायपुर (छ.प्र.)

सारांश

उत्तम समय में यह अत्यंत आवश्यक हो गया है कि नेतृत्व की शिक्षा द्वारा विद्यार्थियों में सामाजिक दृष्टिकोण का विकास किया जाये, ताकि वे उन परिस्थितियों में भी समाधान कर सकें जिनमें उन्हें कुछ जोखिम उठाना पड़ सकता है तथा वे अपने समूह चाहें वह कक्षा का छोटा समूह क्यों न हो यह फिर धार्मिक या सामाजिक समूह हो वह उसमें अच्छे से नेतृत्व कर पाये तथा समूह की समस्याओं का समाधान कर सकने में सक्षम हो सकें। युक्ति आज का विद्यार्थी कल का भती नामक है, अतः शिक्षा के माध्यम से हमें यह देखने को मिलना है कि विद्यार्थियों में नेतृत्व योग्यता एवं जोखिम व्यवहार के मध्य असाधारण संबंध का स्वरूप क्या है। अतः विद्यार्थियों की नेतृत्व योग्यता को प्रोत्साहन देना चाहिए ताकि विद्यार्थी जोखिम या कठिनाईयों की परिस्थितियों में उत्तम प्रतिक्रिया कर सकें।

प्रस्तावना -

शिक्षा का उद्देश्य बालक को सर्वांगीण विकास करके उसे तेजस्वी, बुद्धिमान, स्वनिर्भर, विद्वान तथा धीर बनाना है। उरी प्रकार दूसरी ओर शिक्षा समाज की उन्नति के लिए भी एक आवश्यक तथा शक्तिशाली साधन है। शिक्षा के द्वारा समाज भावी पीढ़ी के बच्चों को उच्च आदर्श, आत्माजी, आकांक्षाओं, विचारों तथा परम्पराओं आदि सांस्कृतिक संस्कृति को इस प्रकार से हस्तांतरित करता है कि उनके हृदय में देश प्रेम तथा त्याग की भावना प्रज्वलित हो जाती है।

शिक्षा का अर्थ बालक के व्यवहार में लक्षित परिवर्तन जानना है। शिक्षा विकास संबंधी प्रक्रिया है। शिक्षा बालक को नये-नये अनुभव प्रदान कर इस योग्य बनाती है कि अपने ज्ञान-बल से सामाजिक रूप अपनी निहित शक्तियों का विकास करते हुए अपनी योग्यतानुसार परिवार समाज और राष्ट्र के विकास में योगदान दे सके।

भारत में शिक्षा का एक और उद्देश्य है बालकों को नेतृत्व की शिक्षा देना है क्योंकि भारत का आभ इस नेता की आवश्यकता है जो देश को आदर्श नेतृत्व प्रदान कर सके। अतः नेतृत्व की शिक्षा प्रदान करना ही शिक्षा का मुख्य उद्देश्य है।

नेता की तरह ही बालक विद्यालय में अपनी कक्षा का प्रतिनिधित्व करता है। बालक में नेतृत्व योग्यता होने का कारण उसे अपने उद्देश्य की पूर्ति हेतु जोखिम उठाने में भी निर्भीकतापूर्वक नहीं होती, क्योंकि वह हमेशा अपने समूह से अच्छे संबंध बुरे पहाग कल्ले जगत है तथा वह उनके लिए प्रेरणास्रोत बन जाता है। इस प्रकार नेता का प्रथम और



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# Role of Information Technology in Banking Sector

Ganeshwar Sahu

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## ABSTRACT

Information technology in banking sector refers to revealing information and communication technologies that help customers that provide effective and efficient services that offered by the banks. It allows customers to avail various banking services through online mode. They provide various services to its customers in a secure, and authentic manner and sustain in a competitive environment. In present times with so many things happening around, it is not possible for anyone to keep up to so much of information, events, data or records by themselves. Information technology aids this issue and provides all the required information to the account holders. One of the many advantages of IT is that its application has made the whole process of transactions very quick and easy. With most of the users being techno-friendly now, the proper use of these advancements can ensure enriched communications and secured functioning. This study's goal is to draw attention to past studies on the role of information technology and its effects on the banking sector. This paper also draws the few cons of information technology in banking sector along with many pros.

**Keywords:** Information technology, banking sector, effects

## INTRODUCTION

Information technology (IT) is the practice of creating, processing, storing, retrieving, and exchanging various types of data and information using computers. Information and communications technology includes IT (ICT). An information technology system (IT system) is often an information system, a communications system, or—to be more precise—a computer system, replete with all add-on hardware, software, and peripherals, that is used by a specially populated IT user base. Although people have been storing, retrieving, manipulating, and communicating information since the invention of writing systems, the term "information technology" as we understand it today first appeared in a 1958 article published in the Harvard Business Review.

The authors Harold J. Leavitt and Thomas L. Whisler noted that "the new technology does not yet have a single established name. It will be referred to as information technology (IT). Three areas make up their definition: processing procedures, the use of statistical and mathematical methods in decision-making, and the computer modeling of higher-order thinking. The phrase is frequently used as a synonym for computers and computer networks, but it also refers to other means of information dissemination, including telephones and television. Information technology is linked to a number of economic goods and services, such as computer hardware, software, electronics, semiconductors, the internet, telecord equipment, and e-commerce.

Today's banking industry is incredibly competitive. Banks are adopting the newest technology in order to thrive in the rapidly shifting market environment. These technologies are seen as a "enabling resource" that can aid in the development of leaner, and more flexible-structured organizations that can react swiftly to market dynamics. Additionally, it is seen as a tool for cost-cutting and efficient communication among parties involved in the banking industry.

### Objectives of study:

- To know role of IT in banking sector
- To understand the effects of IT in banking sector
- To identify the advantages and drawbacks of IT in banking sector



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# Wireless Sensor Network

Mr. Doleshwar Kesharvani<sup>1</sup>, Mr. Kuldeep Sahu<sup>2</sup>

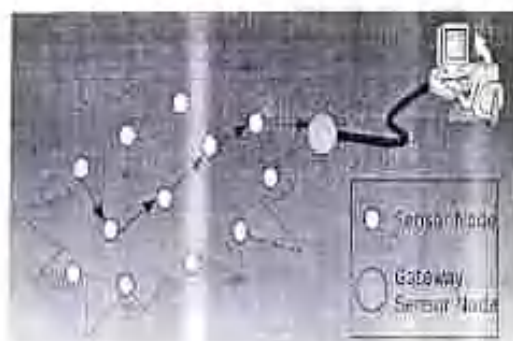
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## ABSTRACT

We are living in the age of IT where electronic communication systems are playing vital role in our daily life. Different types of communication systems are available like telephone, mobile and computer based network oriented systems in the form of LAN, MAN, WAN and the popular Internet. In all the systems communicating devices are required to connect through proper communicating medium whether cables are microwaves. A wireless sensor network (WSN) consists of spatially distributed autonomous sensors to monitor physical or environmental conditions, such as temperature, sound, pressure, etc. and to smoothly transfer its data and information via the network to a destination node. Now days The more advanced networks are not bidirectional, but they are bi-directional, these networks are capable to control sensors used in network. The advancement in WSNs initiated by military requirements like surveillance of battlefields etc; nowadays WSNs are used in several industrial applications and industrial process monitoring, also in consumer applications, very useful in the monitoring of machine health also and so on. In computer science and telecommunication, wireless sensor networks are an active research area. It uses hardware like: Iris Note, Sun SPOT, Xbee, Arduino, special Software: LiteOS, OpenTag, TinyDB, TOSSIM, NS-2, OPNET, NetSim, LinuxMCE etc. Protocols: AODV, DSR, TSMF etc. and playing a very useful and important role in different application areas.

## ARCHITECTURE



*“Typical multi-hop architectures (with sensors and gateway nodes) are used in WSNs.”*

The WSN is built of “nodes” – from a few to several hundreds or even thousands, where each node is connected to one or sometimes several sensors. Like Every node available in such network has typically many parts: It may have a radio transmitter and receiver which consists an internal antenna or an external antenna, with a microcontroller and an electronic interfacing circuit along with the advance sensors which contains battery as an energy supplier source in embedded form. The size of sensor nodes can vary in size. It may be very small like a shoebox or its size of may be of a big dust of grain. Similarly its cost also vary from a few dollars to thousands of dollars. It depends on the complexity of the sensor nodes used in networks. Limiting conditions of size and cost of sensor nodes gives corresponding constraints on other resources.

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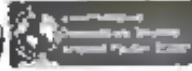
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# A Relative Study On Green Chemistry Approach, Environment and Pandemic Covid-19

Preeti Bisen, Assistant Professor, Pt. Harishankar Shukla College, Kachna, C.G., India.

**ABSTRACT** - The COVID -19 pandemic has globally killed people all over world. As a matter of urgency, a research study has promptly focused on remedial and preventive measures. It has been observed that environmental factors such as climate change and pollution that have more or less directly favored the pandemic. Directly or indirectly the pandemic has affected the environment. This research work reveals how green chemistry approach sustains the deteriorating environment. As a resident of Raipur Chhattisgarh a survey in Raipur and other cities in Chhattisgarh state, has been taken by the scholar to see the air quality and Covid-19 cases. It has been observed that Chhattisgarh state today faces several challenges in air pollution and Environmental factors and improving the health status of its people. Keeping all these things in mind, a study was carried out to get an overview of the public health and environment scenario in Chhattisgarh state. The type of research carried out is descriptive and cross-sectional. Since Indian Government recommended the public to minimize face to face interaction, amidst Nationwide Lock-down following to the covid guidelines the work was carried out on line with help of social media Groups like whatsapp gp., authorities of health department. The projected sample size was 1246 people, based on the prevalence of diseases being 33 percent and an absolute error of 5%. It is found that direct and indirect, environmental, psychological effects or pollutants are all-encompassing and would have promoted such kinds of health diseases now and in the future. It has been observed that Green chemistry reduces pollution by minimizing or eliminating the hazardous material out of the environment waste such as chemical feedstock, reagents, solvents, sanitizers, medical waste PPE kits, masks, gloves, covid test kits, etc.. Molecular diagnostics- the molecular techniques like reverse transcription polymerase chain reaction RT-PCR, is an effective method to detect Covid virus in patients. Innovative techniques and remedial preventive methods of green chemistry, and pollution control will make bench mark decision making future strategies, to protect environment and life.

**Keywords** COVID-19, Environmental, Pandemic, Green chemistry, Lock-down, SARS-CoV, Biosensors, POC-Point of -Care, RT-PCR.

## I. INTRODUCTION

This study has presented a critical review of the existing studies on the environmental causes and consequences of COVID-19. We have explored the issue by looking on both sides of the coin; that is, the impact of COVID-19 on the environment and the impact of environmental indicators on COVID-19 transmissions and mortality. Before Vaccination COVID-19 continues to be a challenge to global public health. The newly emerging SARS-related corona virus designated as SARS-CoV-2 is the third highly pathogenic *Betacoronavirus* to infect human populations in the twenty-first century. SARS-CoV-2 emerged in Wuhan, China in late December 2019 and has spread to every continent on the planet. The World Health Organization declared the outbreak a Public Health Emergency of International concern on 30 January 2020, declared Covid -19 a Pandemic on 11 March 2020. A pandemic is an epidemic of an infectious disease which wide spread worldwide affecting substantial number of individuals or take off on human health and environment.

Virus outbreaks resulted fatal and very dangerous for the environment, human and animal health, and the ecosystem.

The research has quickly focused on remedial and preventive methods, as well as vaccines. This undervalues environmental issues such as climate change and pollution, both of which have aided the epidemic in some way. Chhattisgarh's industrial cities, such as Bilai, Raigarh, and Korba, are much more polluted, resulting in a higher number of Covid-19 positive cases and mortality cases.

Green Chemistry uses new scientific answers to real-world environmental challenges to prevent pollution at the molecular level. Green chemistry is the development of chemical products and processes that reduce or eliminate the use of hazardous compounds. Green chemistry, also known as sustainable chemistry, is a branch of chemistry that focuses on environmental issues, minimizes pollution, reduces the negative effects of chemical goods and processes on human health and the environment, and reduces, if not eliminates, danger from existing products.

## उच्चतर माध्यमिक शालाओं के कला, वाणिज्य एवं विज्ञान विषय के विद्यार्थियों के व्यावसायिक आकांक्षा का तुलनात्मक अध्ययन

मनुषा गुप्ता

सहायक प्राध्यापक-प, हरिशाह्य मुक्ता स्मृति महाविद्यालय, कछना, रायपुर, छ.ग.

### संक्षेप

वर्तमान समय में जीविकोपार्जन की समस्या विराट रूप धारण किए हुए है। मनुषा एक सामाजिक प्राणी होने के कारण जीविकोपार्जन एक प्रमुख समस्या होना सामान्य बात है। जीविकोपार्जन के लिए अधिक क्रियाओं का संघालन अनिवार्य है। इसकी पूर्ति व्यावसायिक आकांक्षा है के बिना असम्भव है। इन तथुसोथ में उच्चतर माध्यमिक शालाओं के कला, वाणी एवं विज्ञान विषय के विद्यार्थियों के व्यावसायिक आकांक्षा का तुलनात्मक अध्ययन किया गया है। इस अध्ययन के द्वारा यह जाना गया कि विद्यार्थियों के व्यावसायिक आकांक्षा की मध्य सार्थक अंतर पाया जाता है कि नहीं।

व्यावसायिक शिक्षा को अध्ययन द्वारा अपनी रूधि के व्यवसाय चुनने की स्वतंत्रता रहती है कि यह अपनी लवि और स्तर के अनुसार व्यवसाय चुने। अतः वे तसी विषय का अध्ययन करते हैं। किन्तु इस कषन के विपरीत कुछ विद्यार्थी ऐसे हैं जो अपने अभिभावक पर निर्भर रहते हैं। वे अपने अभिभावक पर आधारित व्यवसाय चुनते हैं। अतः वे अपने आकांक्षा के बिना उस व्यवसाय को अपनाते और असफल होते हैं इसलिए आवश्यक है कि अभिभावक और बालक के आकांक्षा के अनुसार ही व्यवसाय चुना जाय।

उद्देश्य प्रस्तुत अध्ययन हेतु निम्न उद्देश्य निर्धारित किये गये हैं-

1. कला एवं वाणिज्य समूह के विद्यार्थियों की व्यावसायिक आकांक्षा के मध्य अंतर ज्ञात करना।
2. कला एवं विज्ञान समूह के विद्यार्थियों की व्यावसायिक आकांक्षा के मध्य अंतर ज्ञात करना।
3. विज्ञान एवं वाणिज्य समूह के विद्यार्थियों की व्यावसायिक आकांक्षा के मध्य अंतर ज्ञात करना।

### समस्या

उच्चतर माध्यमिक शालाओं के कला, वाणिज्य एवं विज्ञान विषय के विद्यार्थियों के व्यावसायिक आकांक्षा का तुलनात्मक अध्ययन।

### परिकल्पना

व्यावसायिक आकांक्षा के संबंधित निम्न परिकल्पनाओं का निर्माण किया गया।

1. कला एवं वाणिज्य समूह के विद्यार्थियों की व्यावसायिक आकांक्षा के मध्य सार्थक अंतर पाया जायेगा।
2. कला एवं विज्ञान समूह के विद्यार्थियों की व्यावसायिक आकांक्षा के मध्य सार्थक अंतर पाया जायेगा।
3. विज्ञान एवं वाणिज्य समूह के विद्यार्थियों की व्यावसायिक आकांक्षा के मध्य सार्थक अंतर पाया जायेगा।

### परिभाषा

1. व्यवसाय- जेन्स स्पीरसन "लाभोपार्जन की दृष्टि से किए जाने वाले मानवीय कार्य को व्यवसाय कहते हैं।"
2. आकांक्षा- वेरलर "आकांक्षा किसी व्यक्ति की विशेष प्रकिया में सफलता की क्षमता अथवा स्तर के संबंध में पूर्व कथन करता है।"
3. व्यावसायिक आकांक्षा- किट (1963) के अनुसार "व्यावसायिक आकांक्षाओं के विकास के विभिन्न स्तर के संदर्भ में विचार किया जिसके अंतर्गत प्रतिष्ठा, पसंद, रुचि पर विचार किया।"

### संबंधित शोध अध्ययन :-

#### भारतीय पृष्ठभूमि के अंतर्गत व्यावसायिक आकांक्षा से संबंधित अध्ययन-

डी. कुम्भन एवं वी. कृष्ण स्वामी (1954)- के द्वारा किये गये अध्ययन में उच्चतर माध्यमिक शाला के विद्यार्थियों के शैक्षिक एवं व्यावसायिक आकांक्षा का अध्ययन किया। अपने अध्ययन में मैसूर की प्राचीन एवं रहस्यी क्षेत्रों के कुछ उच्चतर माध्यमिक शालाओं के अंतिम वर्ष के विद्यार्थियों के शैक्षिक एवं व्यावसायिक महत्वाकांक्षा का सर्वेक्षण किया। इन उद्देश्य के लिए एक प्रश्नावली तैयार की गयी जिसमें 11 प्रश्नों को सम्मिलित किया गया।

#### विदेशी पृष्ठभूमि के अंतर्गत व्यावसायिक आकांक्षा से संबंधित शोध अध्ययन-

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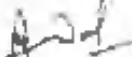
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**Role of Artificial Intelligence In Education – A Perspective**

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**ABSTRACT**

*The extensive use of technology in education is altering our ability to learn and teach. Artificial intelligence is one creative way for personalising the experiences of various learning groups, teachers, and tutors. Most AI technologies follow three basic principles: The process of obtaining, analysing, and modelling new experiences and behaviours is known as learning. Self-correction is the process of improving algorithms to obtain the most precise results. Using reasoning, select specific algorithms to perform a specific task. The application of AI techniques has enormous implications for all industries, including education. The embracing of technology looks to be one of the most appealing techniques to reforming businesses. This paper investigates the role of artificial intelligence in education fields.*

**KEY WORDS**

Education, AI technologies, Modelling.

**INTRODUCTION**

Artificial intelligence (AI) has the potential to address some of the major challenges facing education today, revolutionise methods of teaching and learning, and hasten the achievement of SDG4. Though many risks and issues are unavoidably brought on by quick technological advancements, they have so far surpassed regulatory structures and policy discussions.

The Schooling 2030 Plan can be accomplished with the assistance of man-made intelligence advancements, and UNESCO is focused on helping

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## Growth of e-learning

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### ABSTRACT

*We are living in the age of information and technology where every aspects of life is affected by it. Specially the applications and services available on Internet is very useful and important in our daily life. It is vital in the field of marketing, purchasing, medical, politics, social, and education also. Now days the communication, education and learning through internet is very common, less expensive, fast, and popular for every person. Hence the big market of interactive distance learning in corporate field is now known as Electronic learning or in short 'e-learning.' It has exponentially boomed with the increase and advancement in the Internet technology and also due to intranets established by corporates." Growth of e-learning the global market for corporate e-learning will grow nearly 27%, compounded annually (McGee, 2004). Percent increase over the number reported the previous year e-learning platforms are generally created with one or more of these three types of tools: HTML, PowerPoint and some Specialty Tools: such as Captivate, Articulate, Lectora, Rapidity, eXe etc.*

### KEY WORDS

WBT(web based training), JIT.

We can define e-learning in different ways:

#### Definition Based on Network and Internet

According to Marc Rosenberg (2001) "E-learning to the internet is the use of current advance and popular technology -internet used to deliver a very large army of solutions which enhances our knowledge and improves our performance. Three basic fundamental criteria on which it is based on are:

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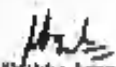
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# Plants Used In Hartalika Teej: A Major Festival of Chhattisgarh

Dewangan P<sup>1</sup>, Verma B<sup>2</sup>

<sup>1</sup>Assistant Professor Botany, Pt. Harshankar Shukla Smriti Mahavidyalaya, Raipur C G

## ABSTRACT

India is a diverse country. Every region of India has different cultures and celebrates various regional festivals. While celebrating these festivals we use different plant parts as puja essential (puja samagri). Chhattisgarh is a land of rich cultural heritage, history and tribes. Various festivals are celebrated here which are regionally restricted. The ancient people by this means explain the importance of plant and motivate us for its conservation. In the modern world as we are urbanizing availability of all the puja samagri are becoming very difficult day by day. The aim of this study is to document those plants and all the precious information inherited by our ancestors. Data were collected using questionnaire and interview method.

## INTRODUCTION

Chhattisgarh is located in the central region of India. Chhattisgarh also known as herbal spax has rich cultural diversity. Different tribes resides here. State has a forest cover of 46%. Various local festivals and rituals are celebrated and performed here. One of such festival is "Hartalika Teej" on Bhadrapada month according to hindu calendar. Bhadrapada or bhado falls on August or September of the year. This festival is mainly celebrated by women. Women fast for the long life and for the bright future of their husband.

During the festival, various types of plant materials and parts are used which are offered to the diety during different rituals. This study surveys and documents plants sources from which this Pooja samagri are obtained. All the plants contain some medicinal properties, some are aesthetics, and other are of ethnobotanical use. This festival is celebrated since a long period of time and therefore there is a necessity to collect the plants and plant parts for the future reference.

## METHODOLOGY

The data collected during this study was obtained via questionnaire and interview method. About 50 elderly people especially women were interviewed for the study. The local names and general morphological characters told by them were noted down and later were confirmed using photographs. Flora of British India by Hooker and Flora of Madhya Pradesh were taken as reference for literature. All the plants were confirmed using these floras.

### Observation Table

Plants used in this festival are as follows:

S No	Local Name	Botanical Name	Family	Habit	Plant Part Used
1	Baci	<i>Aegle marmelos</i> L.	Rutaceae	Tree	Leaves
2	Supari	<i>Areca catechu</i> L.	Arecaeae	Tree	Fruit
3	Sindoor	<i>Bixa orillana</i>	Bixaceae	Shrub	Seeds
4	Kapur	<i>Camphora officinarum</i> (L.) J Presl	Lauraceae	Tree	wood
5	Pan	<i>Piper betle</i> L.	Piperaceae	Climber	Leaves

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**Paper Title: Fuzzy Expert System For Early Prediction Of Coronary Artery Disease**

**Authors: Nidhi Mishra, Pallavi Srivastava**

**Status: Paper Accepted**

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# Fuzzy Expert System for Early Prediction of Coronary Artery Disease

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## ABSTRACT

Fuzzy logic has been identified as a substantial tool that is used to model human decision making of an expert in a computer program such that the program can imitate the expert ability to solve problem. Due to essential uncertainties and imprecisions in medical practice, the advantages provided by fuzzy logic for dealing with indefinite and uncertain situation, makes it appropriate approach to overcome this complexity in the medical field. Therefore this study utilized of fuzzy logic to representation uncertainty in reasoning of medical experts to estimate Coronary artery disease (CAD) risk and it is essential in present situations due to increasing of death rate by heart attack after covid 19. In this paper, we will discussed the fuzzy expert systems deal with Coronary artery disease (CAD).

*Key Words- fuzzy logic, expert system, heart disease, Coronary artery disease (CAD)*

## INTRODUCTION

When an unexpected blockage occurs in the arteries feeding the heart for any reason, the heart muscle cannot get sufficient oxygen and causes damage to the heart tissue. Substances such as fat and cholesterol accumulate in the artery walls responsible for blood flow and form structures called plaques. These plaques multiply as time passes and cause cracks on them by narrowing the vessels. Clots occur in these cracks, occlude the vessels and cause a heart attack [1]. Fat, excessive alcohol consumption, tobacco use, high cholesterol and age factor (men over 40, women over 50), high blood pressure, diabetes, obesity, use of illegal drugs, chronic high levels of stress, previous heart attack, arrhythmia are important risk factors [2,3,4]. The risk of heart attack increases after the age of 40 in men and 50 in women, and women are less likely to have a heart attack than men [1]. Among family members, people who have had a previous heart attack or have a history of heart disease, the old and men are more likely to have a heart attack than other risk factors [5]. The main symptom seen in a heart attack is heart pain in the chest. Apart from this area, pain is felt everywhere from the stomach to the jaw or teeth, from the shoulder blade to the right and left arm, wrists and fingers. Symptoms such as excessive sweating, shortness of breath, restlessness, dizziness, nausea or vomiting and feeling of depression may be experienced [1, 6, 7]. The World Health Organization (WHO) states that heart disease is the cause of death worldwide. Just about 17 million people die from these diseases each year, representing 31% of global deaths. 85% of these deaths are caused by heart attack and stroke [8]. WHO stated that 36% of deaths that will occur in 2020 will be caused by heart disease. In addition, WHO stated that heart diseases increase the risk of Covid-19 [16].

## FUZZY LOGIC

The concept of fuzzy logic was firstly introduced in 1965 by Prof. Dr Zadeh. It emerged with the "FuzzySets" article published by Lotfi A. Zadeh. Using the data related to the study is conducted and at the same time benefiting from the professional experiences of the people, processing the obtained data with algorithms and using mathematical equations depending on the rules to be written is defined as "Fuzzy Logic". Classical set theory and fuzzy set theory are different from each other. While  $\{0, 1\}$  notation is used in classical sets, the interval  $[0-1]$  is used in fuzzy sets. Because in classical set theory, an entity is either an element of that set or it is not. In fuzzy set theory, each entity receives a membership degree in the range  $[0-1]$  Membership degrees are indicated by membership function  $\mu(x)$ . According to this information, the membership degree of element  $x$  in fuzzy set  $A$  is,  $\mu_A(x): x \rightarrow [0, 1]$  i.e  $0 \leq \mu_A \leq 1$  [6, 8, 15].



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# The Use of Artificial Intelligence in Libraries: Opportunities and Challenges

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Smt. Kamalini Prasad, Library & Information Science

Dr. P.S. Shubla Srivastava, Multidisciplinary Research, Raipur (C.G.)

## Introduction

Libraries have a long history of embracing technological innovations to enhance their services and better serve their communities. From the days of card catalogues to the digitization of collections, libraries have always been early adopters of new technologies. This trend continues in the present day, as libraries explore the potential of Artificial Intelligence (AI) to revolutionize the way they operate. AI is a rapidly advancing field that involves the development of computer systems that can perform tasks that typically require human intelligence, such as learning, problem-solving, and decision-making. AI-powered tools and systems have already been adopted by many industries, including healthcare, finance, and manufacturing, and are now making their way into the library world [7].

With the help of AI, libraries can automate routine tasks, such as cataloguing and circulation, and free up staff time for more complex activities. AI can also assist with user engagement by analyzing user data to provide personalized recommendations, as well as answering patron queries through AI-powered chatbots. Additionally, AI contributes to the management and preservation of library collections by categorizing materials based on content, format, and subject matter, as well as detecting and alerting staff to potential risks, such as damage, theft, or environmental factors.

The potential benefits of AI in libraries are significant, but there are also challenges to consider. For instance, implementing AI requires expertise and resources that may be beyond the reach of smaller or under-resourced libraries. Moreover, concerns around data privacy, bias, and ethics need to be addressed to ensure that AI is used in a responsible and equitable manner. Despite the challenges, the potential benefits of AI in libraries make it an exciting technology to explore. As libraries continue to evolve and adapt to the changing needs of their users, AI presents an opportunity to transform the way they operate and provide services.

## Objectives of study:

1. To understand the role of AI in libraries.
2. To know the benefits of applying AI in libraries.
3. To ascertain the challenges of using AI in libraries.

Mishra

# शोध दिशा

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विश्वस्तरीय शोध-पत्रिका

संस्था: विश्वस्तरीय शोध-पत्रिका  
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वि. वि. शर्मा

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# The Use of Artificial Intelligence in Libraries Opportunities and Challenges

Prof. Dr. Suresh Kumar, Ph.D., M.L.S., Ph.D., Ph.D.

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Asst. Prof. Kanchan Parwar, Ph.D., Ph.D., Ph.D.

Ph.D., Ph.D., Ph.D., Ph.D., Ph.D., Ph.D., Ph.D., Ph.D., Ph.D., Ph.D.

## Introduction:

Libraries have a long history of embracing technological innovations to enhance their services and better serve their communities. From the days of card catalogs to the digitization of collections, libraries have always been early adopters of new technologies. This trend is continuing to evolve as libraries explore the potential of Artificial Intelligence (AI). Modern libraries are beginning to explore AI as a rapidly advancing field instrumental in developing comprehensive systems that can perform tasks that typically require human intelligence, such as learning, problem-solving, and decision-making. AI-powered tools and systems have already been adopted by many libraries to streamline their operations, improve financial and operational efficiency, and are now making their way into the real world.

With the help of AI, libraries can automate routine tasks such as cataloging and circulation, and free up staff time for more interactive services. AI can also assist with user engagement by analyzing user data to provide personalized recommendations, as well as allowing a more personalized approach to library collections. Additionally, AI can help libraries to better manage their collections by automatically classifying books, identifying subjects, and detecting and alerting staff to potential issues with collections, thereby improving their operational efficiency.

The potential benefits of AI in libraries are significant, but there are also challenges to consider. For instance, implementing AI requires expertise and resources that may be beyond the reach of smaller or developing libraries. Moreover, concerns around data privacy, bias, and the potential for AI to be used in ways that are not intended are also important. It is crucial that libraries continue to explore and adapt to the opportunities and challenges that AI presents as an opportunity to transform the way they serve their communities.

## Objectives of study:

1. To understand the role of AI in libraries.
2. To know the benefits of applying AI in libraries.
3. To ascertain the challenges of using AI in libraries.



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## “Artificial intelligence Unrest in India - An Outline”

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Dr. Shantanu Paul, Head & Asst. Professor (Deptt. of Commerce), Pt. Harishanker Shukla Smriti college, Raipur, (C.G.)

### ABSTRACT

Man-made consciousness is one of the most fantastic specialists that will change lives in practically all features of present day culture. This innovation gives critical advancement valuable open doors that numerous organizations and organizations have previously been quick to snatch. In this article, we will investigate how computerized reasoning is valuable to organizations, the different manners by which Man-made consciousness is significant in business: Setting aside Time and Cash, Create Business Bits of knowledge to Go with Shrewd Choices, Further developing Client Experience and so forth. This paper is based on the outline concept of Artificial intelligence.

**KEYWORDS-** Man-made consciousness, innovation, computerized reasoning & Artificial intelligence.

### INTRODUCTION

The idea of mass-produced consumer product equipment with humanlike intelligence is getting closer to reality, which has sparked passionate interest from both the business sector and governments around the world in light of recent advancements in artificial intelligence (AI). The machine's triumph against a human player in the classic board game Go was the biggest advance in artificial intelligence in recent months.

The world champion of the Chinese board game, Lee Sedol of South Korea, was challenged by Google DeepMind a London based computer, to a set of five games, which the machine won four to one. While AlphaGo justifiably made headlines across the world, the true advancement in artificial intelligence has been accomplished by computer programmes that are built on AI, not by a single event.

The commercial advancements in AI in recent years have come primarily from the private sector, with the labs of Google, IBM, Microsoft, and Facebook proving to be especially fruitful. While the United States and Western Europe enjoy innovation clusters in Silicon Valley, Boston, and London, as well as a network of elite research universities driving private research, India, bestowed with none of these resources, must turn to the public funding approaches employed elsewhere in the world. For example, South Korea recently announced an \$840 million public-private partnership spanning six corporations to drive AI research and



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This is to Certify that our Editorial Advisory and Review Board has accepted research paper of Prof./ Dr./ Shri/ Smt. Sanjay Awasthi, Yogesh Soni from Pt. Harshankar Shukla College, Raipur, Chhattisgarh, INDIA. The Title of the paper is Green Marketing: Trends and Practices. This is an original and innovative contribution, which is double blind peer reviewed article. This paper has been published in October to December 2022 issue.

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**Optical properties of un-doped and boron doped ZnO and various methods:  
Mini Review**

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**Keywords: ZnO, Optical properties, 13<sup>th</sup> group, dip coating, sputtering, sol gel, boron doped.**

**Abstract:**

As we know that there are many semiconductor materials and many of them have been identified for in their unique and broad applications in optical, electrical properties. Many years ago since ancient time we have been using the properties of the metal oxides. The study about related to ZnO has been started since 1900s. In our periodic table ZnO is very useful material with 3.37 eV band gap in II-IV component. Un-doped ZnO shows normally n- type conductivity but its electrical and optical properties are not very stable. With the help of doping the electrical and optical properties of ZnO can be improved. The Boron doping could be more efficient for improving the physical and optical properties of ZnO Nano materials.

**Introduction:**

About 4500 years before asbestos Nano fiber were exploited to make strong ceramic mixtures and about 4000 years ago PbS nanoparticles were used by ancient Egyptians in an ancient hair dyeing. They knew about it and they were familiar with it. Nanoparticles have come out as an exciting class of materials, which is in high demands in wide range of practical applications. The length of Nano meter can be explained through the examples of 100 hydrogen atoms and 5 silicon atoms that is range of one Nano meter. All those materials "which have size in the range of 1 to 100 Nanometre or one of their dimensions", defined as Nano materials.[1]. Thin films technology and the determination of the characteristic of films are among the most popular research topic in condensed matter physics. ZnO related studies have been on-going since the early 1900s. During 1950s, with the discovery of attractive semiconductor properties of ZnO, researchers focused on the bulk ZnO development and it's applications. In the periodic table, one of the II-VI compounds, ZnO is one of the most used materials in Nano devices with its wide band-gap of 3.37 eV, high melting point (1975 °C), high optical transparency at visible wavelength, low manufacturing cost and environment friendly nature[2]. It has high electrical conductivity, high Infrared reflectance, and high visible transmittance. So, these films have numerous industrial applications, such as energy efficient windows, solar cells, liquid crystal displays, and other optoelectronic devices. ZnO films are prepared by various techniques such as chemical vapour deposition, spray pyrolysis, thermal evaporation, r.f. magnetron sputtering, and sol-gel method [3].



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# EXPLORATION IN THE DEVELOPMENT OF DEEP LEARNING

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**Abstract:** Comprehensive learning is debated by deep learning, which contrasts with superficial learning. In superficial learning, knowledge is accepted passively and stored as private information, while deep learning focuses on actively extracting details through teaching. This method requires students to understand the outside world through their own initiative and produce positive results.

Additionally, deep learning establishes a link between existing and new knowledge, allowing for the extension of the creative process through technology. This enhances student activation and participation, allowing them to apply their experiences in different contexts.

In conclusion, outlining a series of indications regarding what, when, and how to explore and evaluate students' prior knowledge allows for comprehensive learning. This integration results in learning three to five times faster, arousing interest and increasing motivation for achieving deep learning.

**Keywords:** comprehensive learning, deep learning, surface learning.

## Introduction

The exponential development of information technologies and modern science and technology is deepening interdisciplinary cooperation, which demands improvement in education at all



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## EXPLORATION IN THE DEVELOPMENT OF DEEP LEARNING

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**Abstract:** Comprehensive learning is debated by deep learning, which contrasts with superficial learning. In superficial learning, knowledge is accepted passively and stored as private information, while deep learning focuses on actively extracting details through teaching. This method requires students to understand the outside world through their own initiative and produce positive results.

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Authored By

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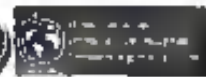
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*Authored By*

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**Sarbani Banerjee**  
Head, Dept. of Philosophy



**REVIEW OF EDUCATION AND TECHNOLOGY FROM A PEDAGOGICAL LOOK**

**J. Durga Prasad Rao** Additional Director and Academic Dean, HOD Computer Science, Shri Shankaracharya Mahavidyalaya, Junwani, Bhisai, j.durga.prasad.rao@gmail.com  
**Prachi Sharma** Assistant Professor of Education, Pt. Harshankar Shukla College, Raipur, prachishc95@gmail.com

**Abstract**

This review article addresses the question of the production of the field relationship between education and technology, from a pedagogical perspective. This is an exploratory exercise based on tracking documentary and categorical of articles published by the Pedagogy and Knowledge magazine, in the period 1990-2017. The analysis proposes that, to understand this field, it is necessary to overcome the limits of the school and the roles traditionally assigned to it. In this sense, some relationships materialized in notions are shown. That exposes the look on the cultural and educational transformations generated by the developments of the technology. The article is organized in three sections that present the conceptual nodes on the relationship education and technology: the pedagogical analysis of the effect of the media in education; the search for inclusion with the use of technology and virtual education; and the subjectivity and experience of interaction in technological environments. As conclusions, the value of critical reflection carried out by researchers in education and technology with the analysis of the effect of the mass media in education, from a perspective pedagogical; the process of incorporating technology for the inclusion of subjects with disabilities and of vulnerable populations and the centrality of the relationship between subjectivity and technology as a cultural environment.

**Keywords** Media; technical culture; communication; educational technology; computer technology; humanity.

**Introduction**

In the search for what is produced from the pedagogical perspective, in the field of education and technology, the National Pedagogical University, particularly the Faculty of Education, was found as the setting where pedagogical reflection materializes par excellence in Colombia. The *Pedagogia y Saberes* magazine appeared as the space in which pedagogical analysis, questions and criticisms of what happens in the school, the educational system and in society are put on paper.

Education, in the field of education and technology, requires a broader definition, where it is recognized as a symbolic action. According to (Lairsen et al., 2021), education is located in areas of daily life in which communication mediates our relationships. Education as a communicative action is, at the same time, an intrasubjective and intersubjective process that occurs in social interaction, which is experienced in technological environments, which have become scenarios of cultural mediation for the construction of systems of meaning. Or interpretative schemes and that, as a whole, configure the symbolic universe of the subjects.

**About Pedagogy and Knowledge magazine**

The magazine of the Faculty of Education of the National Pedagogical University was selected as a space for documentary tracking, as a scenario in which pedagogical reflections in general and on the relationship between education and technology in particular are recorded. There are publications from 1990, the year in which it was created to make visible and have a space for the dissemination of discussions about education and pedagogy, based on investigative criteria. The *Pedagogia y Saberes* magazine arose as a result of the searches of researchers and teachers in the eighties and nineties.

The findings are presented in three conceptual nodes that allow us to see the searches and discussions that guided the work of the researchers-authors:

1. The first node brings into play the perspective of researchers who reflect from a critical approach on the effects of technology in education, focused on the notion of the media and the education-

Dr. Sushila Singh

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Date: 23-04-2023

Dr. Sushila Agrawal  
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दूरध्वनी (०२५६२) २३३८४८, १४०४५७०२०

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अक्षरजुळणी : सौ. सीमा शिंदे, वारजे-माळवाडी, पुणे ५८.

भारत राष्ट्र राज्य माहित्य आणि संस्कृती मंडळाने या नियतकालिकेच्या प्रकाशनार्थ अनुदान दिले आहे. या नियतकालिकेतील लेखकांच्या विचारांशी मंडळ व शासन सहमत असेलच असे नाही.

# भारतीय समाज सुधारकों के शैक्षिक विचारों के प्रभाव का अध्ययन

श्रीमती प्राची अनुरा

प. शोधकार मुक्त स्मृति महाविद्यालय

राणपुर ६, प.

Email id : upranchi123@gmail.com

Mobile No : 7987142792

प्रस्तावना :

शिक्षा एक विचार शक्ति व स्थायी ज्ञान का सफल आधार है। विचार प्रत्येक के अंतःकरण से निकलने वाले स्वयं के अभिव्यक्ति का प्रसारित करने वाले स्वरूप का सत्य है अर्थात् प्रत्येक विचार अंतःकरण की अंतःप्रज्ञा का आधार है और शिक्षा इन विचारों को सामाजिक जगत में प्रस्तुती का सफल माध्यम है। शिक्षा मनुष्य को बढ़ाती है, संस्कृति शिक्षा को बड़ा विचार तंत्रों से स्थापित है मनुष्य एक सामाजिक प्राणी है, और समाज का विकास प्रत्येक विचारधार से प्रभावित होता है और विचारों का आधार लक्ष्य व उद्देश्य है अर्थात् प्रत्येक एक मनुष्य के विचारों की प्रभावशीलता परिचित होती है और इस समाज में अनेक व्यक्ति के विचारों में जहाँ एक ओर समानता, सहिष्णुता, ईमानदारी, दया, प्रेम, परोपकार जैसी मूल्य परिनिष्ठित होते हैं वहीं दूसरे ओर घृणा, लालच, अहंकार, दुर्गम, क्रूर जैसे विचार भी समाज में प्रतिक्षण निर्मित होते हैं, प्राचीनकाल से आधुनिक काल तक यही समाज के विकास व शैक्षिक पृष्ठभूमि का आकलन करने में जहाँ एक विचार धनात्मक विचारों की परिणति का इंगित करते हैं वहीं क्रान्तात्मक विचार इस समाज के विचार के बाधक तत्वों के नैतिक नववाद को बढ़ावा देते हैं इस प्रकार समाज ने किसी एक व्यक्ति के विकास में भी अनेक घटकों का योगदान होता है इसी प्रकार संपूर्ण समाज व संस्कृति जहाँ एक व्यक्ति के विकास को ग्रहण करता है, बल्कि सम्पूर्ण रूप से प्रत्येक देश, काल, परिस्थिति स्थान, मनोवैज्ञानिक सामाजिक पर दार्शनिक, आर्थिक, गणितिक, वैज्ञानिक मानव को ग्रहण करके ही फलीभूत होता है।

शैक्षिक विचारों के प्रभाव का विश्लेषण है :

विचार कभी भी नष्ट नहीं होते। विचार सत्य शाश्वत व चिंतनशक्ति का साकार स्वरूप होते हैं, और समय के आधार पर प्रत्येक काल में समाज में विचार हमेशा प्रसारित होते हैं और शिक्षा द्वारा विचार साहित्य का रूप लेते हैं। आदर्श ज्ञान

आदर्शवादिता को बढ़ावा देने है। प्रकृति विचारक प्रकृति संसार को सत्य मानते हैं। यथार्थ ने बंधोपवाद को अन्वय दिया प्रयोजन आधारित शिक्षा ने प्रयोजनवाद को जन्म दिया और सत्य ईश्वरीय ज्ञान सत्य शिवम ही सुन्दरम ने आध्यात्मिक चिंतन शीलता को मानव ने मानववाद को प्रयोग ने वैज्ञानिकता को तत्व आधारित शक्ति ने तत्त्वमीमांसा को ज्ञान की अंतःप्रज्ञा में ज्ञान मीमांसा को मूल्य आधारित विचारों ने शैक्षिकता को इस प्रकार हमारा संसार प्रत्येक क्षण शिक्षा को बढ़ावा देता है और समाज को विकसित करता है परंतु ये विचार किसेके है प्रश्न ये उठता है ? इस प्रश्न के उत्तर में संसार सत्य प्रतीत होता है किन्तु विचारों की परिवर्तनशीलता ने संसार को मिथ्या, साबित किया है। हमारे राष्ट्र में विभिन्न धर्म, संस्कृति सभ्यता के अलग वेशभूषा भिन्न जाति, भिन्न बोली के लोग, निवास करते हैं और विभिन्न संस्कृति विविधता में एकता को दर्शाती है प्रजातंत्र व संविधान का आधार भी समानता को बढ़ावा देता है, समाज को विकसित करता है परंतु ये विचार किसेके है प्रश्न ये उठता है ? इस प्रश्न के उत्तर में संसार सत्य प्रतीत होता है किन्तु विचारों की परिवर्तनशीलता ने संसार को मिथ्या, साबित किया है। हमारे राष्ट्र में विभिन्न धर्म, संस्कृति सभ्यता के अलग वेशभूषा भिन्न जाति, भिन्न बोली के लोग निवास करते हैं और विभिन्न संस्कृति विविधता में एकता को दर्शाती है प्रजातंत्र व संविधान का आधार भी समानता को बढ़ावा देता है किन्तु इस विकास पथ पर प्रत्येक व्यक्ति एक दूसरे के साथ समान व्यवहार प्रदर्शित नहीं करता और अपने स्वार्थ के लिए कार्य करता है। समाज का विकास व्यक्तियों पर आधारित है, व्यक्ति के विचार परिवार संस्कृति व शिक्षा पर और शिक्षा का प्रसार बेटी ग्रन्थों साहित्य पर आश्रित है आधुनिक समाज शैक्षिक-रूप से तकनीकी शिक्षा से सतत है, तो इस सबका सार मानव सभ्यता है किन्हीं एक और समाज को विकसित किया और उनकी विचारशीलता में समाज को आज आधुनिक तकनीकी युग का साक्षात्कार कराया है इस पूरे काल में अलग-अलग समय में अनेक विचारकों ने समाज को हर बार नए संप्रत्यक्षों को प्रस्तुत किया

## कन्या महाविद्यालय व सहशिक्षण महाविद्यालयों के छात्राओं में चिंता का तुलनात्मक अध्ययन करना

डॉ० पुष्पेश पाण्डेय

सहायक प्राध्यापक, पी० हरिश्चन्द्र शूक्ल स्मृति महावीद्यालय, रायपुर

गुडला गुप्ता

सहायक प्राध्यापक, पी० हरिश्चन्द्र शूक्ल स्मृति महाविद्यालय, रायपुर

स्रोत: आराम

प्रस्तुत पेपर कन्या महाविद्यालय व सहशिक्षण महाविद्यालयों के छात्राओं में चिंता का तुलनात्मक अध्ययन करता है, हम जानते हैं कि महाविद्यालयों में अध्ययनरत छात्राओं में चिंता का अलग एक अलग प्रभाव होता है जो उनके उपलब्धि पर प्रभाव डालता है। इसलिए आज के समय में चिंता का मापन कर छात्राओं को सही दिशा दी जा सकती है। इस अध्ययन के लिए रायपुर नगर के महाविद्यालयों को चयनित किया गया है। कन्या महाविद्यालय की छात्राओं - 40, सहशिक्षण महाविद्यालय की छात्राओं - 40 ली गयी हैं। स्क्वैर अंश = 78,  $P < 0.01$  &  $P < 0.05$  सम्बंध है। ली गयी परिकल्पना सत्य प्रमाणित होती है।

मूल शब्द: चिंता, संवेदना, तनाव, सुस्थिती, भावनात्मक प्रभाव।

प्रस्तावना:

चिंता संज्ञानात्मक, शारीरिक, भावनात्मक और व्यवहारिक विशेषता वाले घटकों की मनोवैज्ञानिक और शारीरिक दशा है। यह घटक एक अभिन्न भाव बनाने के लिए जुड़ते हैं जो ली आग और घर बेचौनी, आशंका, रुच और नलेश से सम्बंधित है। चिंता एक सामान्यकृत मनोदशा है जो कि प्रायः न महसूस जाने योग्य किसी उपन द्वारा उत्पन्न हो सकती है। देखा जाए तो, यह भय से कुछ अलग है, जो कि किसी प्रात स्वतरे को कारण उत्पन्न होता है। इसके अतिरिक्त भय, भागने और परिहार, के विशिष्ट व्यवहारों से सम्बंधित है, जबकि चिंता अनुभव किये गये अनिश्चित या अपरिहार्य स्वतरो का परिणाम है।

एक अन्य दृष्टिकोण यह है कि चिंता "एक गतिष्क उन्मुख मनोदशा है, जिसमें एक व्यक्ति आगामी नकारात्मक घटनाओं का सामना करने का प्रयास करने के लिये हचुक या तैयार होता है, जो कि यह सुझाव देता है कि गतिष्क बनाम वास्तविक स्वतरो के बीच एक अंतर है जो भय और चिंता को विभाजित करता है। चिंता को तनाव की एक सामान्य प्रतिक्रिया माना जाता है। यह किसी व्यक्ति कि किसी गतिष्क स्थिति, काम पर या स्कूल में किसी को इससे निपटने के लिए उत्साहित करने पर, से निपटने में मदद कर सकती है। अधिक चिंता करने पर, व्यक्ति सुस्थिती विकार का शिकार हो सकता है।

चिंता केवल शारीरिक प्रभाव ही नहीं रखती बल्कि इसमें कई भावनात्मक प्रभाव भी शामिल हैं करती हैं। इसमें आशंका या भय की भावनाओं, ध्यान केंद्रित करने में कठिनाई, तनाव या उपलब्धी की भावना, निरूपण का अनुमान, चिरुचिन्तापन, बेचौनी, स्वतरे या घटना को संकेतों (और घटित होने) को देखना (और इंतजार करना) शामिल है।

यहां है एग्जापटी क्लिफोर्डर

- प्रकृतिक, तनाव और बेचौनी महसूस होना
- हर वक्त नकारात्मक विचार और स्वतरे का अहसास होना
- बार-बार एक ही समस्या के बारे में सोचते रहना
- नींद आने में समस्या होना
- कई बार सोंस लेने में दिक्कत होना या सामान्य से ज्यादा तेज सांस लेना।

सम्बंधित अध्ययन

यदि व्यक्ति तनाव प्रतिक्रियाओं को सहन करने में सक्षम नहीं है, तो वे विकारों को जन्म दे सकते हैं। तनाव को नकारात्मक माना जाता है यदि यह लोगों को घेशेवर और व्यक्तिगत रूप



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**TRANSFORMATIVE POWER OF SCHOOL EDUCATION: A MIXED-METHODS STUDY ON  
COGNITIVE, SOCIAL, AND EMOTIONAL DEVELOPMENT OF CHILDREN IN CHHATTISGARH, INDIA**

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## TRANSFORMATIVE POWER OF SCHOOL EDUCATION: A MIXED-METHODS STUDY ON COGNITIVE, SOCIAL, AND EMOTIONAL DEVELOPMENT OF CHILDREN IN CHHATTISGARH, INDIA

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### Abstract:

This study explores the profound influence of school children's cognitive, social, and emotional development in Chhattisgarh State, India. We used a mixed-methods approach to analyse quantitative data from standardized test scores and qualitative data from interviews with students, teachers, and parents. Our findings indicate that access to quality education significantly enhances children's literacy and numeracy skills, fostering intellectual growth. Furthermore, school education was found to play a pivotal role in shaping children's social skills and emotional intelligence, preparing them for future societal interactions. However, the study also uncovers disparities in educational outcomes linked to socioeconomic factors and geographical location. The paper concludes with recommendations for policy interventions to address these disparities, emphasizing the need for equitable access to quality education. This research underscores the transformative power of education and its potential to break the cycle of poverty, paving the way for a brighter future for the children of Chhattisgarh.

**Keyword:** Cognitive development, Social development, Emotional development, Educational disparities, Transformative power of education

### 1. Introduction

#### A. Background and Significance of the Study

Education is fundamental to human development, shaping individuals' cognitive, social, and emotional growth. The impact of school education on children's overall development has been widely acknowledged and extensively studied. However, it is crucial to examine this influence within specific contexts to gain a comprehensive understanding of its implications. This research focuses on the state of Chhattisgarh in India, where unique challenges and opportunities exist in the realm of school education.

Chhattisgarh, located in central India, is characterized by diverse socio-economic conditions and geographical variations. These factors can significantly influence the quality of education and educational outcomes for children in the state. Understanding the impact of school education in Chhattisgarh is essential for addressing educational disparities and promoting equitable access to quality education.

#### B. Research Objectives and Research Questions

The primary objective of this study is to explore the profound influence of school education on the cognitive, social, and emotional development of children in Chhattisgarh State, India. To achieve this objective, the following research questions will guide the investigation:

1. How does access to quality education enhance children's literacy and numeracy skills, fostering intellectual growth?
2. What role does school education play in shaping children's social skills and emotional intelligence, preparing them for future societal interactions?
3. What are the educational disparities in Chhattisgarh, and how do socio-economic factors and geographical location contribute to these disparities?

#### C. Research Article Statement

This research article presents a mixed-methods study combining quantitative analysis of standardized test scores and qualitative interviews with students, teachers, and parents. By integrating these approaches, a comprehensive understanding of the impact of school education on children's development in Chhattisgarh. The findings of this study contribute to the existing body of knowledge

**भारत में स्वास्थ्य पर सार्वजनिक व्यय की प्रवृत्तियों का अध्ययन  
(वर्ष 2009-10 से 2018-19)**

**मेधा डकसेना शोभाथी (पी-एच.डी.)**

**डॉ.अर्चना सेठी सहायक प्राध्यापक - शोध निर्देशक**

**अर्थशास्त्र अध्ययन शाला 11, रविशंकर शुक्ल विश्वविद्यालय रायपुर (छ.ग.)**

**सारांश :-**

स्वास्थ्य ही मनुष्य की पूँजी है। स्वास्थ्य शरीर में ही वयस्क्य मरिस्तक निपात करता है। देश के विकास के लिए वही निवास कर रहे नागरिकों के स्वास्थ्य का अच्चा होना बहुत आवश्यक है। स्वास्थ्य नागरिक ही देश को विकास की सरम सीमा तक पहुँचा सकते हैं। बेहतर जीवन की धारणा को विकसीन करने के लिए स्वास्थ्य सेवाओं को लोगों का अधिकार बना देना चाहिए। सार्वजनिक व्यय के माध्यम से सरकार अपने देश के नागरिकों को स्वास्थ्य संबंधी सुविधाएँ प्रदान करती है। भारत एक विकासशील तथा गरीब का देश है तथा गरीबों में लीज गरीब होने के कारण स्वास्थ्य सेवाओं का अच्चा लाभ प्राप्त नहीं कर पाते परन्तु सरकार के द्वारा सार्वजनिक व्यय के माध्यम से देश के कोने-कूने तक स्वास्थ्य सुविधाएँ उपलब्ध कराने की कोशिश करती है। निशुल्क स्वास्थ्य सुविधाएँ सरकार प्रदान करती है। वर्ष 2009-10 में भारत सरकार के द्वारा 158881.84 करोड़ रुपये स्वास्थ्य पर सार्वजनिक व्यय किया गया है। मातृत्व मृत्यु दर 2018-19 में 113 थी जो 2017-18 में घटकर 103 हो गया, शिशु मृत्यु दर 2019 में 30 थी।

सकल घरेलू उत्पाद (GDP) 6477831 करोड़ रुपये थी। स्वास्थ्य पर प्रति व्यक्ति व्यय वर्ष 2009-10 में 1357.73 रुपये थी। वर्ष 2018-19 तक भारत सरकार ने स्वास्थ्य पर सार्वजनिक व्यय बढ़ाकर 278634.18 करोड़ रुपये तक कर दी है। वही सकल घरेलू उत्पाद भी बढ़कर 17181324 करोड़ रुपये हो गये हैं तथा स्वास्थ्य पर प्रति व्यक्ति व्यय भी बढ़ा दिया गया है जो बढ़कर 2143.49 रुपये हो गये हैं।

**मुख्य शब्द :-** सार्वजनिक व्यय, सकल घरेलू उत्पाद, स्वास्थ्य पर प्रति व्यक्ति व्यय, मातृत्व मृत्यु दर, शिशु मृत्यु दर

**प्रस्तावना :-**

अच्चा स्वास्थ्य मनुष्य समाज का आधार स्तम्भ है। स्वास्थ्य का महत्त्व ना केवल मानव के लिए ही महत्वपूर्ण है वरन् सम्पूर्ण समाज तथा राष्ट्र के विकास के लिए भी आवश्यक है। देश के स्वास्थ्य नागरिक ही सार्वजनिक अपने अधिकारों एवं कर्तव्यों का निर्वहन कर सकता है। सार्वजनिक व्यय सरकार के लिए एक बहुत बड़ा अल्प के खर्च है जिसके माध्यम से सम्पूर्ण देश को लोक कल्याणकारी राज्य के रूप में स्थापित करना चाहता है जिसके कारण भारत के सम्पूर्ण नागरिकों को स्वास्थ्य संबंधी सुविधाएँ उपलब्ध करा रही है। सरकार अपने देश के नागरिकों को निशुल्क दवाईयों तथा उपचार सुविधाएँ उपलब्ध करा रही है एवं अस्पतालों की स्थापना करवाती है। अपने हर नागरिकों को स्वास्थ्य संबंधी सुविधाएँ एवं सेवाएँ उपलब्ध करवाना सरकार की सबसे प्रमुख जिम्मेदारी है। भारत के केंद्र सरकार अपने इस जिम्मेदारी का उचित रूप से निर्वहन कर रही है तथा स्वास्थ्य संबंधी अनेक योजनाओं का उद्देश्य हर गरीब एवं असरत मंद नागरिक तक स्वास्थ्य के अधिकार को पहुँचाना है, जिसके लिए निम्नलिखित योजनाएँ सरकार द्वारा चलाई जा रही हैं :-

- |                                     |  |
|-------------------------------------|--|
| 1 आयुमान भारत योजना                 | 2 केंद्रीय स्वास्थ्य योजना                     |
| 3 राष्ट्रीय शाल स्वास्थ्य कार्यक्रम | 4 जननी शिशु सुरक्षा कार्यक्रम                  |
| 5 राष्ट्रीय आरोग्य निधि             | 6 संक्रामक रोग नियंत्रण कार्यक्रम              |
| 7 प्लस थेलियो अभियान                | 8 परिवार कल्याण एवं मातृत्व एवं शिशु कार्यक्रम |
| 9 जननी सुरक्षा योजना                | 10 वार्षिक योजना                               |

आदि बहुत सारी योजनाएँ सरकार द्वारा लोगों को बिमारियों से निजात दिलाने के लिए चलाई जा रही हैं। ऐसी बहुत सारी बिमारियाँ हैं जो लोगों के द्वारा इलाज करवाना उनके सामर्थ्य से बाहर है ऐसे बिमारियों का भी इलाज सरकार निशुल्क करवा रही है। गरीबी रेखा से नीचे जीवनयापन करने वाले नागरिकों का स्वास्थ्य सम्बंधी बीमा करवा कर उनके निशुल्क इलाज की सुविधा प्रदान की जा रही है।

**शोध पत्र का उद्देश्य :-**

- (1) भारत में स्वास्थ्य पर सार्वजनिक व्यय की संरचना का अध्ययन करना।
- (2) वर्ष 2009-10 से 2018-19 के दौरान सकल घरेलू उत्पाद के प्रतिशत के रूप में स्वास्थ्य पर सार्वजनिक व्यय का अध्ययन करना।
- (3) वर्ष 2009-10 के दौरान भारत के सार्वजनिक व्यय की प्रवृत्ति की समीक्षा करना।



## PRIORITY SECTOR LENDING IN INDIA: THE ROLE OF REGIONAL RURAL BANKS

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### ABSTRACT

**Introduction:** The primary focus of the Indian economy is on agricultural production. About two-thirds of the population is reliant on this industry, which contributes for 21 percent of the country's gross domestic product.

**Aim of the study:** the main aim of the study is Priority sector lending in India: the role of regional rural banks.

**Material and method:** The data in this research was analyzed using several statistical methods performed in EXCEL and SPSS, including the Descriptive Statistics, t-test, correlation, and analysis of variance.

**Conclusion:** The liberation of rural people from poverty, unemployment, and other socio-economic backwardness is the key to the true development of India's economy.

### 1. INTRODUCTION

#### 1.1 OVERVIEW

The primary focus of the Indian economy is on agricultural production. About two-thirds of the population is reliant on this industry, which contributes for 21 percent of the country's gross domestic product. It is thus correct to say that agriculture is the foundation of our economy, and that the success of the agricultural sector may be held significantly accountable for the success of the economy. A sufficient infusion of capital is required in order to support the robust expansion of the agricultural industry. Both on a local and a macro scale, the field of farm finance has a prominent position in the agro-social and economic growth of the nation. The agricultural industry is given a boost thanks to its catalytic function, and the productivity of already limited resources is increased. The use of innovative technology inputs, which may be acquired via agricultural financing, contributes to an increase in agricultural production. Farm financing may also play a role in reducing the economic disparities that exist across regions. Therefore, the function that farm financing plays in the consolidation and growth of both the input and output markets in the agricultural sector is one that is vital and essential.

#### 1.2 REGIONAL RURAL BANKS AND RURAL BANKING IN INDIA

People living in rural areas of India, such as small and marginal farmers, landless agricultural workers, craftsmen, and members of socially and economically disadvantaged castes and classes, have been exploited by informal sectors under the guise of providing loan facilities. The rural credit market in India is made up of many financial institutions and organizations, both legal and informal, that cater to the requirements of the country's rural populace in terms of credit. The informal sector provides loans at very high rates of interest; the terms and circumstances related to such loans have

## Role of Banks in Agriculture & Rural Development

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### Abstract

Rural banking is crucial to a country's economic growth and should not be neglected. True to Gandhiji's words, "real India lies in villages," the rural sector of India's economy is vital. The goals of economic planning cannot be met without strengthening the rural economy. Therefore, banks and other financial institutions play an important role in the growth of India's rural economy. The Regional Rural Banks (RRBs) of India were founded on October 2, 1975, and they have since been instrumental in the country's rural areas' economic growth and development. Credit for low-income rural residents, including small and marginal farmers, craftsmen, agricultural workers, and small enterprises, is the primary motivation for the creation of Regional Rural Banks in India. This research makes a limited effort to evaluate the current agricultural credit system and the role RRBs have played in the growth of the rural economy.

### Introduction

#### 1.1 Overview

The roles and services of banks are crucial to the functioning of the contemporary economy. The financial system's backbone is the banking industry. The true India exists in the rural areas where the agriculture economy thrives. The economy of India's villages is the country's backbone. Infrastructure and other persistent issues for farmers persist in India's rural areas 70 years after independence. The rural sector is the driving force behind economic growth and industrial advancement. The agricultural industry is India's greatest source of foreign currency earnings, employs more than 70 percent of the population, and supports 60 percent of the country's industries. Banks have shown a lack of interest in a sector that is so crucial to the economy. In order to assist those in rural regions who are economically disadvantaged, such as small and marginal farmers, agricultural laborers, craftsmen, landless farmers, small dealers, entrepreneurial entrepreneurs, etc., Regional Rural Banks (RRBs) have been established. Therefore, in 1975, RRBs were founded in India primarily to provide banking service to the doorsteps of rural people, especially in areas where banking services were not present.

Regional Rural Banks were established with the main intention of putting a stop to the rural debt culture and bridging the credit gap that existed across geographical areas. Regional Rural Banks are scheduled commercial banks of India that are owned by the Indian government and operate on a regional basis in several the states in India. Increasing the income of those in rural society who are classified as having a low income is the primary focus of rural development efforts. Developing nations often have more people looking for work than they need. Holdings that are not profitable generate inadequate revenue. The households' ability to continue existing would be contingent on their participation in non-agricultural activities. The non-agricultural sector was able to absorb the rural labor forces who were jobless or underemployed, and it also segmented the income and employment of rural families. In



**STUDY OF CUSTOMER SATISFACTION WITH RESPECT TO AGE IN ONLINE ORGANIC FMCG PRODUCTS**

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**ABSTRACT**

The purpose of this study is to find customer online satisfaction regarding organic FMCG products. This study is to examine the several factors that determine the level of satisfaction of the customer among online organic products. The demand for organic products is increasing nowadays. Customers become health-conscious and started using organic products, which is not easily accessible in the market. So, they purchase the organic product from different online platforms. The data is collected through the questionnaire which is distributed among 100 consumers selected on the basis of purposive sampling. Factor analysis, Likert scale, and Chi-square test are used for statistical analysis.

*Keyword-Customer satisfaction, online organic product.*

**INTRODUCTION**

In the present era, online shopping becomes tremendously grown, and it can change the lifestyle of the customer. The demand for online organic FMCG products is increasing day by day. The Online Organic FMCG market is increasing in size at the rate of 5.35% in FY 2022-2029. Consumers spend too much amount on purchasing products because they never compromise with their skin. Consumers are increasingly opting for organic products. So, switching to organic products means choosing a healthy, safe, and environmentally friendly life as compared to conventional products. Customers using online shopping it is very convenient to purchase products from various places. This convenient quality of online shopping feels the customers more comfortable and safer. With the help of online shopping time, travel and money are saved and the availability of organic products is less in the market, therefore, they purchase the product online. So, customers mostly choose online shopping to purchase all kinds of products because they think due to hectic schedules it can save time and money on purchasing the product online.

मध्य भारती



MADHYA BHARTI

CERTIFICATE OF PUBLICATION

This is to certify that the article entitled

**COVID – 19 AND MENTAL HEALTH: HOW THE PANDEMIC HAS AFFECTED STUDENTS, TEACHERS IN INDIAN SCHOOLS**

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**COVID – 19 AND MENTAL HEALTH: HOW THE PANDEMIC HAS AFFECTED STUDENTS, TEACHERS IN INDIAN SCHOOLS**

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**Abstract**

The COVID-19 pandemic has had a significant impact on the Indian education system, disrupting the teaching and learning process across the country. The closure of schools and educational institutions has led to a shift to online learning, which has highlighted existing inequalities in access to education. Students from disadvantaged backgrounds have been less likely to have access to online learning resources, leading to significant learning loss. The disruption of the school environment has also had an impact on the mental health and well-being of students and teachers, with many experiencing stress, anxiety, and isolation. As the pandemic continues, it will be essential to address these challenges and ensure that all students have access to quality education and support for their mental health and well-being. The pandemic has highlighted the need for innovative solutions and new approaches to education that can ensure that learning can continue in a safe and accessible way, even in the face of significant challenges.

**Keyword:** COVID-19; Education System; Teaching and Learning Process.

**Introduction**

The COVID-19 pandemic has had a profound impact on the Indian education system, affecting millions of students across the country [1]. With the closure of schools and educational institutions, the traditional mode of teaching and learning has been disrupted, and there has been a rapid shift to online learning. This shift has highlighted existing inequalities in access to education, as many students from disadvantaged backgrounds lack access to the necessary technology and internet infrastructure. The pandemic has also had an impact on the mental health and well-being of students and teachers, with many experiencing stress, anxiety, and isolation. As the pandemic continues to evolve, it is important to understand the various effects it has had on the Indian education system, and to identify ways to mitigate its impact and ensure that all students have access to quality education. This paper aims to explore the effects of the COVID-19 pandemic on the Indian education system, and to discuss potential solutions for ensuring that all students can continue to learn and grow, even in the face of significant challenges [2-3].

**1. Impact of the COVID-19 pandemic on the Indian education system**

There have been several studies and reports [1-6] on the impact of the COVID-19 pandemic on the Indian education system (Fig 1). Here are some key findings:

**School closures:** The pandemic led to the closure of schools across the country, disrupting the education of millions of students. According to a report by UNESCO, India had the highest number of school closures in the world due to the pandemic.



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This is to Certify that our Editorial, Advisory and Review Board has accepted research paper of Prof./ Dr./ Smt./ Smt. Preeti Bisoi from Pt. Harishankar Shukla College, Kachna, Chhattisgarh, INDIA. The Title of the paper is Responsibility and Accountability: Moral Values among Higher Secondary Students. This is an original and innovative contribution, which is double blind peer reviewed and refereed article. This paper has been published in April to June 2023 issue.

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## Responsibility and Accountability in Moral Values among Higher Secondary Students

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### ABSTRACT

The COVID-19 pandemic has had a profound impact on the world, including the moral values and principles of higher secondary students in India. In this paper, we will explore the moral values status post-COVID in higher secondary students. The pandemic has brought about significant changes in the way students perceive and value certain aspects of their lives. The disruption caused by the pandemic has forced students to adapt to new ways of learning, communicating, and interacting with others. As a result, they have developed a deeper appreciation for certain moral values that are essential for their well-being and success.

### KEY WORDS

COVID-19; Education System; Teaching and Learning Process.

### INTRODUCTION

Moral values are shaped by a variety of factors, including:

**Family:** Family is one of the most influential factors in shaping moral values. Children learn from their parents and family members and adopt their values and beliefs. Parents play a crucial role in teaching their children moral values and helping them develop a strong sense of right and wrong.

**Culture and Religion:** Culture and religion also play a significant role in shaping moral values. Different cultures and religions have their own unique sets of moral values and beliefs that are passed down from generation to generation.

**Educative:** Education is an essential factor in shaping moral values. Schools and educational

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# A Mini Review on Electrical properties of undoped and boron doped ZnO with their preparation methods:

Amit Kumar Dubey<sup>1\*</sup>, Dr. Neelam Shukla<sup>2</sup>, Dr. R.S. Singh<sup>3</sup>

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## ABSTRACT

The objective of this review paper is that the investigated reports and discussions about various syntheses of thin films and electrical properties of III A group Boron doped Zinc Oxide by using various syntheses. The synthesis of ZnO doped materials have been analyzed by many researchers by using X-Ray diffraction (XRD) and they have confirmed that the obtained crystal structure of doped film shows hexagonal wurtzite structure. Researchers use application of this material to increase the materials properties when they dope. The various synthesis techniques and electrical properties of doped thin films of III A group Boron and was analyzed. ZnO material has very useful physical properties, which is sharply enhanced by doping. The properties of this material keep very important place in electronics and opt-electronic devices. In this paper electrical property of doped ZnO of III group Boron and its synthesis method have been discussed.

**Keywords:** ZnO, Electrical properties, 13<sup>th</sup> group, dip coating, sputtering, sol-gel, boron doped.

## INTRODUCTION

Zinc oxide (ZnO) is a very useful semiconductor materials for optoelectronic application that comes to fore among the II-VI because it has direct wide band-gap of 3.37 eV. ZnO usually exhibits n-type conductivity but its electrical and optical properties are not stable and the extrinsic doping process effects to control and improve the electro-optical and structural properties of ZnO nanomaterials. In III group (B, Al, In and Ga) doped ZnO reveals low resistivity and n-type conductivity, but among those boron doping can be more suitable [1]. The studies about ZnO nanomaterial have been going on since the starting of 1900s [2]. These prepared films have various industrial applications and it can be prepared by various methods such as spray pyrolysis, thermal evaporation, r.f. magnetron sputtering and sol-gel methods etc [3]. Chen et al. reported the degradation effect with time of ZnO and ZnO:B films grown by metal-organic chemical vapor deposition (MOCVD). Steinhilber et al. reported that heavily doped ZnO:B films deposited by low-pressure chemical vapor deposition (LPCVD) exhibited more stable resistivity after 800 h of damp heat treatment. Shah et al. also reported that LPCVD ZnO:B films passed the standard damp heat test [4]. In this review paper, 10 research papers have been collected for reviewed so that it could be useful and only electrical properties have been discussed.

Table 1 A Description of Various Terms Associated with Nanomaterials:

Sn.	Term	Description
1.	Nanotechnology	Nanotechnology refers to technology at the Nanoscale level in which materials, devices, or systems are developed via controlling matter at the Nanoscale length to stimulate the unique
2.	Nano scale	Properties of the material at the Nano-level. A scale covering 1-100 nm.



**प्राथमिक एवं उच्च प्राथमिक विद्यालयों में विद्यार्थियों की उपस्थिति पर  
अव्यक्त भोजन योजना के प्रभाव का अध्ययन**

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विद्यार्थियों को सही एवं उचित भोजन मिलना ही उनके विकास का एक सुझाव है। सही भोजन ही मानसिक, शारीरिक का विकास होता है। उनके शारीरिक शरीर की जरूरतों में सही भोजन मिलने का सुझाव है। विद्यार्थी को मानसिक विकास का शारीरिक विकास भी सही मिलना ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है।

सही भोजन ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है।

**अध्ययन का वैशेषिक महत्व :-**

अध्ययन ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है। विद्यार्थी को सही भोजन मिलना ही उनके विकास का सुझाव है।

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शिक्षा का सम्प्रत्यय विचारों से निर्मित होता है और ऐसे अनेक विचार अनेक महान विचारकों के विचारों से ही निर्मित है। उससे भी अधिक महत्वपूर्ण कि ऐसे विचारों से ही निर्मित होती है। उससे भी अधिक महत्वपूर्ण कि ऐसे विचारों के सम्पर्क में जो प्रभावित हुए अर्थात् प्रत्येक मानव अपने जीवन को सार्थक बनाने के लिए संसार के सर्वोच्च विचारों को प्राथमिकता प्रदान करता है। इस संसार में प्रत्येक व्यक्ति अपने विचारों को प्रस्तुत करने में स्वतंत्र है और शैक्षिक विचार अद्यतन जीवन में सामंजस्य स्थापित करने का महत्वपूर्ण आधार है। इस संसार में प्राचीनकाल से लेकर आज आधुनिक युग तक और इसके बाद भी वैचारिक दृष्टिकोण निर्मित होंगे और आगे भी समाज प्रभावित होता रहेगा अर्थात् समाज में प्रत्येक पल बदलाव निश्चित है क्योंकि समाज रचनात्मक क्षमताओं और नए सम्प्रत्यय को बल देता है। उपयोगी विचार समाज के निर्माण के संबंध में अनेक समाज सुधारकों ने समाज को नया रूप दिया है। समाज के नए रूपों का अधिग्रहण शैक्षिक विचार इन व्यक्तियों के विचार है जो पारंपरिक पृष्ठभूमि के साथ समाज के नए रूप में पल्लवित कर रहे हैं और हर युग में अलग-अलग व्यक्तियों ने समाज के प्रत्येक रूप को अलग-अलग विचारों से विश्लेषित किया है और प्रत्येक व्यक्ति ने अपने अस्तित्व की भूमिका में हर पल नए विचारों से व्यवहारात्मक चेतना के मूल्यों को स्थापित करने अपरिहार्य व अदृश्यजान को भी संसार के प्रत्येक समाज के लिए सार्वभौमिक बनाया है।

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