




**St. Joseph's College for Women(A), Visakhapatnam
NAAC Reaccredited-ISO 9001-2015,14001:2015 Certified**



3.4.1 (3) -Invoice of the plagiarism check software, Evidence of plagiarism software and reports generated by the software.


Tax Invoice

 <p>MG TECHNOLOGIES 2019-2020 404 KARAN CENTER, SD ROAD , SECUNDERABAD GSTIN/UIN: 36AKYPR5033J1ZG State Name : Telangana, Code : 36 Contact : 04040020041,9849494952 E-Mail : admin@techmg.net www.techmg.net</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Invoice No. MGT/HYD/193</td> <td style="width: 50%;">Dated 17-Dec-2019</td> </tr> <tr> <td>Delivery Note MGT/HYD/193</td> <td>Mode/Terms of Payment</td> </tr> <tr> <td>Supplier's Ref. MGT/VSP</td> <td>Other Reference(s)</td> </tr> <tr> <td>Buyer's Order No.</td> <td>Dated</td> </tr> <tr> <td>Despatch Document No. MGT/HYD/193</td> <td>Delivery Note Date 1-Dec-2019</td> </tr> <tr> <td>Despatched through By Hand</td> <td>Destination Vizag</td> </tr> <tr> <td colspan="2">Terms of Delivery Installation with Delivery</td> </tr> </table>	Invoice No. MGT/HYD/193	Dated 17-Dec-2019	Delivery Note MGT/HYD/193	Mode/Terms of Payment	Supplier's Ref. MGT/VSP	Other Reference(s)	Buyer's Order No.	Dated	Despatch Document No. MGT/HYD/193	Delivery Note Date 1-Dec-2019	Despatched through By Hand	Destination Vizag	Terms of Delivery Installation with Delivery																																																																																																																																																		
Invoice No. MGT/HYD/193	Dated 17-Dec-2019																																																																																																																																																															
Delivery Note MGT/HYD/193	Mode/Terms of Payment																																																																																																																																																															
Supplier's Ref. MGT/VSP	Other Reference(s)																																																																																																																																																															
Buyer's Order No.	Dated																																																																																																																																																															
Despatch Document No. MGT/HYD/193	Delivery Note Date 1-Dec-2019																																																																																																																																																															
Despatched through By Hand	Destination Vizag																																																																																																																																																															
Terms of Delivery Installation with Delivery																																																																																																																																																																
<p>Buyer St Joseph College for Women(Waltair) Convent Jctn Waltair Visakhapattanam State Name : Andhra Pradesh, Code : 37 Place of Supply : Andhra Pradesh</p>																																																																																																																																																																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">Sl No.</th> <th style="width: 45%;">Description of Goods</th> <th style="width: 10%;">HSN/SAC</th> <th style="width: 10%;">Quantity</th> <th style="width: 10%;">Rate</th> <th style="width: 5%;">per</th> <th style="width: 15%;">Amount</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>ASTRUM HDMI CABLE 5MTR HD 105</td> <td>85444299</td> <td>2 NOS</td> <td>1,450.00</td> <td>NOS</td> <td>2,900.00</td> </tr> <tr> <td>2</td> <td>ASTRUM VGA CABLE</td> <td>85444299</td> <td>5 NOS</td> <td>325.00</td> <td>NOS</td> <td>1,625.00</td> </tr> <tr> <td>3</td> <td>ASTRUM BLACK VGA HDMI ACTIVE ADAPTOR DA510</td> <td>85444999</td> <td>1 NOS</td> <td>900.00</td> <td>NOS</td> <td>900.00</td> </tr> <tr> <td>4</td> <td>SMPS</td> <td>85044029</td> <td>8 NOS</td> <td>600.00</td> <td>NOS</td> <td>4,800.00</td> </tr> <tr> <td>5</td> <td>QUICK HEAL ANTIVIRUS 1 USER</td> <td>85238020</td> <td>10 NOS</td> <td>600.00</td> <td>NOS</td> <td>6,000.00</td> </tr> <tr> <td>6</td> <td>QUICK HEAL ANTIVIRUS 10 USERS</td> <td>85238020</td> <td>20 NOS</td> <td>3,000.00</td> <td>NOS</td> <td>60,000.00</td> </tr> <tr> <td>7</td> <td>SEAGATE ITB SATA HDD</td> <td>84717020</td> <td>5 NOS</td> <td>2,800.00</td> <td>NOS</td> <td>14,000.00</td> </tr> <tr style="background-color: yellow;"> <td>8</td> <td>Plagiarism Software</td> <td>9973</td> <td>1 NOS</td> <td>3,813.56</td> <td>NOS</td> <td>3,813.56</td> </tr> <tr> <td>9</td> <td>Seagate 4TB Satta Hard Disk</td> <td>84717020</td> <td>1 NOS</td> <td>8,200.00</td> <td>NOS</td> <td>8,200.00</td> </tr> <tr> <td>10</td> <td>D-LINK 24 PORT SWITCH</td> <td>85176290</td> <td>1 NOS</td> <td>5,100.00</td> <td>NOS</td> <td>5,100.00</td> </tr> <tr> <td>11</td> <td>HD DOME CAMERA</td> <td>8525</td> <td>2 NOS</td> <td>1,250.00</td> <td>NOS</td> <td>2,500.00</td> </tr> <tr> <td>12</td> <td>MIC for Camera</td> <td>85299090</td> <td>2 NOS</td> <td>780.00</td> <td>NOS</td> <td>1,560.00</td> </tr> <tr> <td>13</td> <td>12W 5A ADAPTOR</td> <td>8504</td> <td>4 NOS</td> <td>625.00</td> <td>NOS</td> <td>2,500.00</td> </tr> <tr> <td>14</td> <td>QUICK HEAL ANTIVIRUS 3 USERS</td> <td>85238020</td> <td>1 NOS</td> <td>1,400.00</td> <td>NOS</td> <td>1,400.00</td> </tr> <tr> <td>15</td> <td>MICROTEK 650 VA UPS</td> <td>85044090</td> <td>1 NOS</td> <td>1,900.00</td> <td>NOS</td> <td>1,900.00</td> </tr> <tr> <td>16</td> <td>ZEBRONIC 600 VA UPS</td> <td>85044029</td> <td>1 NOS</td> <td>1,900.00</td> <td>NOS</td> <td>1,900.00</td> </tr> <tr> <td>17</td> <td>D-LINK 8 PORT DES-1008PA SWITCH</td> <td>8517</td> <td>1 NOS</td> <td>850.00</td> <td>NOS</td> <td>850.00</td> </tr> <tr> <td>18</td> <td>RJ45 CONNECTORS</td> <td>85366990</td> <td>128 NOS</td> <td>10.00</td> <td>NOS</td> <td>1,280.00</td> </tr> <tr> <td>19</td> <td>TP LINK ACCESS POINT EAP110</td> <td>8517</td> <td>1 NOS</td> <td>2,350.00</td> <td>NOS</td> <td>2,350.00</td> </tr> <tr> <td>20</td> <td>CAT6 CABLE</td> <td>85444999</td> <td>1,220 MTR</td> <td>22.00</td> <td>MTR</td> <td>26,840.00</td> </tr> <tr> <td colspan="6"></td> <td style="text-align: right;">1,50,418.56</td> </tr> </tbody> </table>							Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount	1	ASTRUM HDMI CABLE 5MTR HD 105	85444299	2 NOS	1,450.00	NOS	2,900.00	2	ASTRUM VGA CABLE	85444299	5 NOS	325.00	NOS	1,625.00	3	ASTRUM BLACK VGA HDMI ACTIVE ADAPTOR DA510	85444999	1 NOS	900.00	NOS	900.00	4	SMPS	85044029	8 NOS	600.00	NOS	4,800.00	5	QUICK HEAL ANTIVIRUS 1 USER	85238020	10 NOS	600.00	NOS	6,000.00	6	QUICK HEAL ANTIVIRUS 10 USERS	85238020	20 NOS	3,000.00	NOS	60,000.00	7	SEAGATE ITB SATA HDD	84717020	5 NOS	2,800.00	NOS	14,000.00	8	Plagiarism Software	9973	1 NOS	3,813.56	NOS	3,813.56	9	Seagate 4TB Satta Hard Disk	84717020	1 NOS	8,200.00	NOS	8,200.00	10	D-LINK 24 PORT SWITCH	85176290	1 NOS	5,100.00	NOS	5,100.00	11	HD DOME CAMERA	8525	2 NOS	1,250.00	NOS	2,500.00	12	MIC for Camera	85299090	2 NOS	780.00	NOS	1,560.00	13	12W 5A ADAPTOR	8504	4 NOS	625.00	NOS	2,500.00	14	QUICK HEAL ANTIVIRUS 3 USERS	85238020	1 NOS	1,400.00	NOS	1,400.00	15	MICROTEK 650 VA UPS	85044090	1 NOS	1,900.00	NOS	1,900.00	16	ZEBRONIC 600 VA UPS	85044029	1 NOS	1,900.00	NOS	1,900.00	17	D-LINK 8 PORT DES-1008PA SWITCH	8517	1 NOS	850.00	NOS	850.00	18	RJ45 CONNECTORS	85366990	128 NOS	10.00	NOS	1,280.00	19	TP LINK ACCESS POINT EAP110	8517	1 NOS	2,350.00	NOS	2,350.00	20	CAT6 CABLE	85444999	1,220 MTR	22.00	MTR	26,840.00							1,50,418.56
Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount																																																																																																																																																										
1	ASTRUM HDMI CABLE 5MTR HD 105	85444299	2 NOS	1,450.00	NOS	2,900.00																																																																																																																																																										
2	ASTRUM VGA CABLE	85444299	5 NOS	325.00	NOS	1,625.00																																																																																																																																																										
3	ASTRUM BLACK VGA HDMI ACTIVE ADAPTOR DA510	85444999	1 NOS	900.00	NOS	900.00																																																																																																																																																										
4	SMPS	85044029	8 NOS	600.00	NOS	4,800.00																																																																																																																																																										
5	QUICK HEAL ANTIVIRUS 1 USER	85238020	10 NOS	600.00	NOS	6,000.00																																																																																																																																																										
6	QUICK HEAL ANTIVIRUS 10 USERS	85238020	20 NOS	3,000.00	NOS	60,000.00																																																																																																																																																										
7	SEAGATE ITB SATA HDD	84717020	5 NOS	2,800.00	NOS	14,000.00																																																																																																																																																										
8	Plagiarism Software	9973	1 NOS	3,813.56	NOS	3,813.56																																																																																																																																																										
9	Seagate 4TB Satta Hard Disk	84717020	1 NOS	8,200.00	NOS	8,200.00																																																																																																																																																										
10	D-LINK 24 PORT SWITCH	85176290	1 NOS	5,100.00	NOS	5,100.00																																																																																																																																																										
11	HD DOME CAMERA	8525	2 NOS	1,250.00	NOS	2,500.00																																																																																																																																																										
12	MIC for Camera	85299090	2 NOS	780.00	NOS	1,560.00																																																																																																																																																										
13	12W 5A ADAPTOR	8504	4 NOS	625.00	NOS	2,500.00																																																																																																																																																										
14	QUICK HEAL ANTIVIRUS 3 USERS	85238020	1 NOS	1,400.00	NOS	1,400.00																																																																																																																																																										
15	MICROTEK 650 VA UPS	85044090	1 NOS	1,900.00	NOS	1,900.00																																																																																																																																																										
16	ZEBRONIC 600 VA UPS	85044029	1 NOS	1,900.00	NOS	1,900.00																																																																																																																																																										
17	D-LINK 8 PORT DES-1008PA SWITCH	8517	1 NOS	850.00	NOS	850.00																																																																																																																																																										
18	RJ45 CONNECTORS	85366990	128 NOS	10.00	NOS	1,280.00																																																																																																																																																										
19	TP LINK ACCESS POINT EAP110	8517	1 NOS	2,350.00	NOS	2,350.00																																																																																																																																																										
20	CAT6 CABLE	85444999	1,220 MTR	22.00	MTR	26,840.00																																																																																																																																																										
						1,50,418.56																																																																																																																																																										
continued ...																																																																																																																																																																

SUBJECT TO HYDERABAD JURISDICTION

This is a Computer Generated Invoice

Tax Invoice(Page 2)

 <p>MG TECHNOLOGIES 2019-2020 404 KARAN CENTER,SD ROAD , SECUNDERABAD GSTIN/UIN: 36AKYPR5033J1ZG State Name : Telangana, Code : 36 Contact : 04040020041,9849494952 E-Mail : admin@techmg.net www.techmg.net</p>	Invoice No. MGT/HYD/193	Dated 17-Dec-2019
	Delivery Note MGT/HYD/193	Mode/Terms of Payment
Buyer St Joseph College for Women(Waltair) Convent Jctn Waltair Visakhapattanam State Name : Andhra Pradesh, Code : 37 Place of Supply : Andhra Pradesh	Supplier's Ref. MGT/VSP	Other Reference(s)
	Buyer's Order No.	Dated
	Despatch Document No. MGT/HYD/193	Delivery Note Date 1-Dec-2019
	Despatched through By Hand	Destination Vizag
Terms of Delivery Installation with Delivery		

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
	Output IGST Round Off					27,075.34 0.10
Total						₹ 1,77,494.00

Amount Chargeable (in words) INR One Lakh Seventy Seven Thousand Four Hundred Ninety Four Only		E. & O.E
Company's PAN : AKYPR5033J Declaration We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.	Company's Bank Details Bank Name : SOUTH INDIAN BANK A/c No. : 0246073000005422 Branch & IFS Code : SD ROAD & SIBL0000246	
Customer's Seal and Signature	for MG TECHNOLOGIES 2019-2020	
	Authorised Signatory	

SUBJECT TO HYDERABAD JURISDICTION

This is a Computer Generated Invoice

Tax Invoice**(Tax Analysis)**Invoice No. **MGT/HYD/193**Dated **17-Dec-2019****MG TECHNOLOGIES 2019-2020**404 KARAN CENTER,SD ROAD ,
SECUNDERABAD

GSTIN/UIN: 36AKYPR5033J1ZG

State Name : Telangana, Code : 36

Contact : 04040020041,9849494952

E-Mail : admin@techmg.net

www.techmg.net

Party : **St Joseph College for Women(Waltair)**

Convent Jctn

Waltair

Visakhapattanam

State Name : Andhra Pradesh, Code : 37


Place of Supply : Andhra Pradesh

HSN/SAC	Taxable Value	Integrated Tax		Total Tax Amount
		Rate	Amount	
85444299	4,525.00	18%	814.50	814.50
85444999	27,740.00	18%	4,993.20	4,993.20
85044029	6,700.00	18%	1,206.00	1,206.00
85238020	67,400.00	18%	12,132.00	12,132.00
84717020	22,200.00	18%	3,996.00	3,996.00
9973	3,813.56	18%	686.44	686.44
85176290	5,100.00	18%	918.00	918.00
8525	2,500.00	18%	450.00	450.00
85299090	1,560.00	18%	280.80	280.80
8504	2,500.00	18%	450.00	450.00
85044090	1,900.00	18%	342.00	342.00
8517	3,200.00	18%	576.00	576.00
85366990	1,280.00	18%	230.40	230.40
Total	1,50,418.56		27,075.34	27,075.34

Tax Amount (in words) : **INR Twenty Seven Thousand Seventy Five and Thirty Four paise Only**for **MG TECHNOLOGIES 2019-2020**

Authorised Signatory

Tax Invoice

 MG TECHNOLOGIES #404, Karan Center, SD Road Secunderabad GSTIN/UIN: 36AKYPR5033J1ZG State Name : Telangana, Code : 36 Contact : +91 40 40020041,+919849494952 E-Mail : admin@techmg.net www.techmg.net Trend Setters In IT Peripherals	Invoice No. MGT/24-25/0074	Dated 2-Jun-2024
	Delivery Note MGT-VSP-103	Mode/Terms of Payment Against Invoice
Buyer St. Joseph College for Women Convent Jctn, Waltair, Vishakapatnam State Name : Andhra Pradesh, Code : 37 Place of Supply : Andhra Pradesh	Supplier's Ref. VSP	Other Reference(s)
	Buyer's Order No. Oral	Dated 2-Jun-2024
	Despatch Document No. 103	Delivery Note Date 2-Jun-2024
	Despatched through By Hand	Destination Waltair
Terms of Delivery		


Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	Drillbit Pro Plagiarism Software <i>5 User</i>	998431	1 Nos	40,500.00	Nos	40,500.00
	IGST					7,290.00
Total						₹ 47,790.00

Amount Chargeable (in words) E. & O.E
INR Forty Seven Thousand Seven Hundred Ninety Only

HSN/SAC	Taxable Value	Integrated Tax		Total Tax Amount
		Rate	Amount	
998431	40,500.00	18%	7,290.00	7,290.00
Total	40,500.00		7,290.00	7,290.00

Tax Amount (in words) : **INR Seven Thousand Two Hundred Ninety Only**

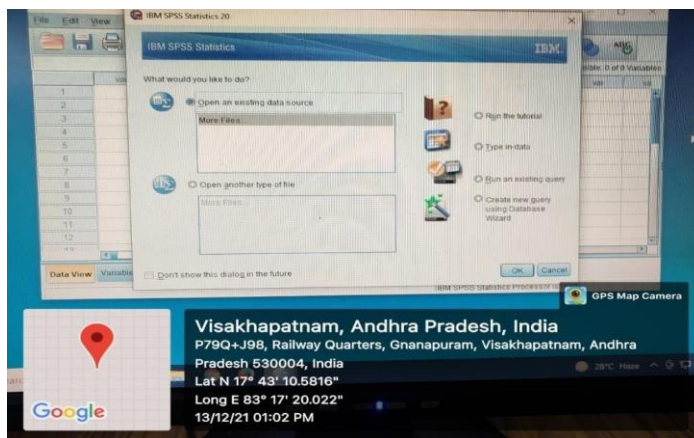
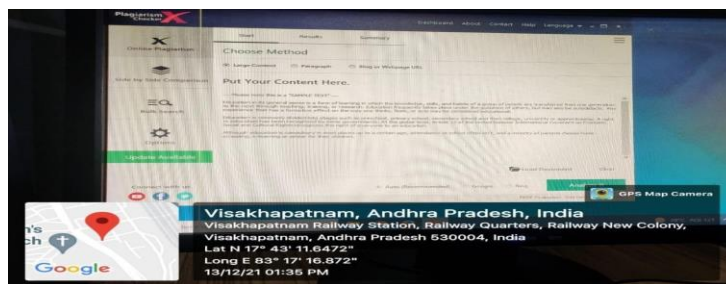
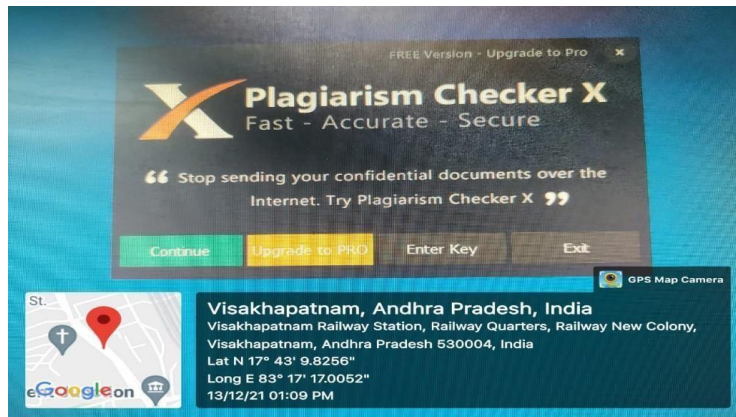
Declaration We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.	Company's Bank Details Bank Name : South Indian Bank A/c No. : 0246073000005422 Branch & IFS Code : Secunderabad & SIBL0000246
--	--

Customer's Seal and Signature	for MG TECHNOLOGIES  Authorised Signatory
-------------------------------	---

SUBJECT TO HYDERABAD JURISDICTION

This is a Computer Generated Invoice

Evidence



Plagiarism Checker X Originality Report



Plagiarism Quantity: 13% Duplicate

Date	Wednesday, February 14, 2024
Words	177 Plagiarized Words / Total 1362 Words
Sources	More than 20 Sources Identified.
Remarks	Low Plagiarism Detected - Your Document needs Optional Improvement.

Advancements in Education Using Artificial Intelligence:A Survey 1st Madhuri Suragali 2nd Deepthi Gurram 3rd Naga Sireesha Koganti Department of Computer Science Department of Computer Science Department of Computer Science St.Joseph's College for Women(A) St.Joseph's College for Women(A) St.Joseph's College for Women(A) Visakhapatnam, India Visakhapatnam, India Visakhapatnam, India madhurisuragali444@gmail.com deepug2110@gmail.com nagasireesha@st.josephsvizag.com Abstract-In recent years, the integration of Artificial Intelligence (AI) into education has revolutionized traditional teaching methods, giving rise to the concept of smart classrooms. Smart classrooms leverage AI technology to enhance the learning experience, making it more interactive, personalized, and engaging.

This article explores the various facets of smart classroom technology and the profound impact it has on the education landscape. Keywords-ArtificialIntelligence,SmartClassRoom,Smart Education. I. Introduction Artificial intelligence refers to the ability of technology, particularly computer systems, to simulate human intelligence processes. [1]Expert systems, machine learning, speech recognition, and natural language processing are a few specific uses of AI.AI-powered learning analytics might be a game-changer for early childhood educators, providing them with actionable insights to support individual students' learning and development.The true power of AI in classrooms comes with the powerful insights and analytics that it can provide. In smart classrooms, AI algorithms collect and analyze vast amounts of data related to student performance, engagement, and learning patterns.By

analyzing vast amounts of data faster and more accurately, AI helps provide specific data-driven insights, normally taking weeks or months if done manually. [10]Not only does it help with individual student performance and grading, and it can also help teachers and educators identify gaps and challenges to evolve educational standards and curriculum accordingly.To date, the use of AI in education has been limited and at times contested; most arguments against it centreon how it will make teachers redundant and learning is more automated than it is currently.Rather than replacing teachers and making learning impersonal, AI could take learning to a completely new level. Read what academicians,policymakers, practitioners and researchers have to say about the use of Artificial Intelligence(AI) in Education.Although acknowledging that the foundations for

Sources found:

Click on the highlighted sentence to see sources.

Internet Pages

- 1% <https://stjosephscollegevisakhapatnam.ac>
- <1% <https://link.springer.com/article/10.100>
- 2% <https://ceinternational1892.org/article/>
- <1% <https://www.linkedin.com/pulse/smart-cla>
- <1% <https://www.dataversity.net/ai-and-big-d>
- 4% <https://unesdoc.unesco.org/ark:/48223/pf>
- <1% <https://ris.org.in/sites/default/files/P>
- <1% <https://www.oecd-ilibrary.org/sites/f54e>
- 1% <https://www.researchgate.net/publication>
- <1% <https://digitaldadi.in/edtech-marketing/>
- <1% <https://www.oecd.org/education/trustwort>
- <1% <https://www.linkedin.com/pulse/how-gener>
- <1% <https://www.researchgate.net/publication>
- <1% <https://www.researchgate.net/publication>
- <1% <https://link.springer.com/article/10.100>
- <1% <https://clarivate.com/webofsciencegroup/>
- 1% <https://www.scilit.net/article/a2bfd1df>
- <1% <https://slejournal.springeropen.com/arti>
- 1% https://www.academia.edu/64711710/Smart_

AI have been already around for several decades, recent technological breakthroughs are accelerating what AI could do. This study looks at what this could mean for learning, teaching, and education.

It aims to provide a critical review and prospective angle on relevant AI developments as a basis for well-informed policy oriented discussions about the future of these domains. II. Why Artificial Intelligence in Education Artificial intelligence (AI) in education offers a transformative approach to teaching and learning by harnessing technology to enhance educational experiences and outcomes.[11] By leveraging AI-driven tools and techniques, education can become more personalised, adaptive, and efficient. AI facilitates personalised learning paths tailored to individual students' needs, promotes adaptive learning environments that adjust content based on student progress, and provides intelligent tutoring systems offering personalised guidance and feedback.

Additionally, AI streamlines administrative tasks for educators, enhances accessibility for students with disabilities, and enables innovative approaches such as virtual reality and augmented reality for immersive learning experiences. Overall, AI in education holds the potential to revolutionise the way students learn, educators teach, and educational institutions operate in the digital age. The application of artificial intelligence (AI) in education has a number of noteworthy benefits ? Personalised learning: AI uses unique student data to tailor lessons to each student's requirements and preferences. ? Adaptive learning: AI ensures ideal challenge levels by modifying the content and degree of difficulty of educational materials in accordance with students' progress.

? Improved Teaching Tools: Artificial intelligence (AI)-driven tools, such as chatbots and smart tutors, provide immediate assistance and enhance conventional teaching methods. ? Effective Feedback: AI facilitates continual progress by promptly providing feedback on assignments and evaluations. ? Data-oriented insights: By analysing massive statistics to find trends, AI helps educators make well-informed decisions and implement effective interventions. ? Accessibility: Text-to-speech and speech recognition are two examples of how AI technologies help students with disabilities have better access.

? Cost-effectiveness: AI reduces workload and operating expenses for educational institutions by automating administrative activities. III. Literature Survey ALFARSI, Ghaliya, M, K. A., & Alsinani, M.[2]suggested modifications to the current knowledge acquisition framework that can be used by higher education institutions (like Al-Buraimi University College) in order to create a rule-based expert system prototype that is specifically intended for academic advising for undergraduate students. Additionally, the system's output serves as an advisor by offering undergraduate students exact, non-conflicting course proposals. Alfarsi, Ghaliya., Sulaiman, H., et al.[3]surveyed on users of the e-learning platform and talked about the methodology. Based on the results of students' skills, it was advised that some e-learning systems be used more than others.

This indicates that the use of the e-learning system substantially improved educational teaching at the high level of student performance and study. Ikedinachi, A. P., Sanjay Misra, et al. [4]examined and evaluated the role of emerging AI innovations and their direct influence on education, comparing and evaluating their effects on modern classrooms, online learning environments, and human development in general. Kwet, M., & Prinsloo, P.[5] explored the'smart classroom' as a new area of study for academic institutions. It offered a conceptual diagram that places smart classroom goals and constraints in the context of smart university

projects. Initially the idea of "smart" technology in urban areas, educational settings, and classrooms was introduced.

The current applications of the smart classroom, its conception, and its potential uses, both with and without integration into the smart campus were also looked up. In conclusion new rules pertaining to smart classrooms and instances of classroom technology that enhance the teaching and learning process were suggested. Xuesong Zhai, Xiaoyan Chu, et al.[6] reviewed on AI techniques and tools that have been recently integrated into education following the widespread use of AI. By applying rule-based expert knowledge, the "first generation" of AI could complement human intellectual activity. The "second generation" of AI might use statistical or search models to discover the best solution. The "third generation" of AI, on the other hand, will significantly enhance recognition performance using a brain model.

This evaluation focused on papers from the Web of Science that were published between 2010 and 2020, since that is when the second and third generations of AI started to gain traction in the field of education. Memos, V. A., Minopoulos, G. et al.[7] presented a new concept for a 5G network-based Revolutionary Interactive Smart Classroom (RISC), which offered a virtual environment for improved learning experiences. In order to incorporate augmented human sensing information and touch into the virtual classroom, this classroom also utilises 3D virtual services in conjunction with haptic devices and sensors. The sustainability of such a classroom will be advantageous in a variety of domains, including education, the environment, society, economics, and cultural tourism. Tawafak, R. M., AlSideir, A. et al.[8] focused on the study to improve e-learning in order to increase students' ongoing intention to utilise it, which will improve their academic achievement and perceptive level.

The primary focus of the work was on comparing various e-learning system types and how easy it was for students to share feedback with one another during the learning process. Tawafak, Ragad M., A. B. Romli et al.[9] reviewed at the most recent data regarding how technology learning affects students' academic performance and learning in courses that call for group projects or other collaborative activities. IV. Result and Discussion This study provides different types of existing smart classrooms and its positive and cognitive Smart Classroom Technology in Artificial Intelligence: This study highlights the powerful use of cognitive abilities for both teachers and students when they are engaged with a smart classroom. This focused on the concepts of smart classroom as a time feedback on using smart classroom and the teaching method effectiveness during the AI environment of learning. We

find from this study some advantages of smart classroom and disadvantages such as not a secure method for Teaching: because of certain unavoidable constraints, a technical deficiency or glitch may prompt an abrupt interruption of a class. Smart Class Can Never Replace a first-hand Teaching Experience. At the same time, a smart class may offer better and increasingly far-reaching methods for educating using innovation. Conclusion In conclusion, AI in education promotes individualised learning, assists educators, improves accessibility, and increases productivity, all of which contribute to a better educational experience for all students.

Plagiarism Checker X Originality Report



Plagiarism Quantity: 10% Duplicate

Date	Wednesday, February 14, 2024
Words	179 Plagiarized Words / Total 1705 Words
Sources	More than 28 Sources Identified.
Remarks	Low Plagiarism Detected - Your Document needs Optional Improvement.

Social Intelligence : A Deep Dive into AI Social Media Abstract- Artificial Intelligence has significantly impacted social media by enhancing user experiences, content personalization, and moderation. AI algorithms analyze user behavior to tailor content recommendations, improving engagement. However, concerns about privacy, algorithms biases, and the spread of misinformation also arise as AI becomes more integrated into social media platforms. In this paper, a review on the impact of Artificial Intelligence in social media is presented. Keywords- Artificial Intelligence, Social Intelligence, Social Media. I. Introduction Social media [1] has revolutionized the way people connect, communicate, and consume information globally by providing a platform for individuals to share content in various formats such as text posts, images, videos, audio, and live streams.

It has transformed the dynamics of personal relationships, business interactions, and societal discourse by facilitating real-time communication, global connectivity, content sharing, networking, information dissemination, marketing, and community building. While social media offers numerous benefits, it also presents challenges such as privacy concerns, misinformation, and digital overload. Therefore, it is essential for users to exercise discretion, critical thinking, and responsible behavior while engaging with social media platforms. Some of the key features and benefits of social media include: ? Global Connectivity: Social media platforms allow users to instantaneously interact with individuals across the world, regardless of their location.

? Communication: Social media facilitates real-time communication through instant messaging, comments, and direct messages, enabling individuals to stay in touch with friends, family, colleagues, and like-minded individuals. ? Information Sharing: By sharing a variety of information, users may express and share their experiences with others including articles, movies, images, and status updates. ? Networking: Social media platforms serve as valuable networking tools for individuals and businesses alike, enabling them to forge new connections, collaborate on projects, and discover opportunities for growth and development. ? Information Dissemination: Social media play a pivotal role in disseminating news, information, and trends, enabling users to stay informed about current events, developments, and topics of interest.

Sources found:

Click on the highlighted sentence to see sources.

Internet Pages

- <1% <https://link.springer.com/chapter/10.100>
- <1% <https://www.insightsonindia.com/wp-conte>
- 1% <https://yourstory.com/2023/06/impact-soc>
- <1% <https://www.linkedin.com/pulse/top-10-ad>
- <1% <https://www.alooba.com/skills/concepts/d>
- <1% <https://openr.co/the-impact-of-social-me>
- <1% <https://aspiredvision.com/business/marke>
- <1% <https://blog.netstager.com/community-bui>
- <1% <https://www.capterra.com/resources/how-d>
- <1% <https://journals.sagepub.com/doi/full/10>
- 1% <https://globalpolicy.ieee.org/wp-content>
- 1% <https://chisellabs.com/glossary/what-is->
- <1% <https://www.bornsocial.co/post/impact-of>
- <1% <https://medium.com/@octaviariver/maximiz>
- <1% <https://appinventiv.com/blog/ai-in-socia>
- <1% <https://www.international.gc.ca/world-mo>
- 1% <https://www.hakia.com/ai-driven-chatbots>
- <1% <https://www.researchgate.net/publication>
- <1% <https://www.researchgate.net/profile/Edy>
- <1% <https://www.researchgate.net/publication>
- <1% <https://0-scholar-google-com.brum.beds.a>
- 1% <https://www.sciencedirect.com/science/ar>
- <1% <https://www.sciencedirect.com/science/ar>
- 1% <https://doaj.org/article/dea6bc4c0ddc4ad>
- <1% <https://direct.mit.edu/dint/article/5/3/>

? Marketing and Branding: Businesses leverage social media to promote their products and services, engage with customers, and build brand awareness, thereby expanding their reach and enhancing their market presence. ? Community Building: Social media enable users to join groups, communities, and forums based on shared interests, hobbies, and affiliations, support, and collaboration among like-minded individuals. The generation of computer systems with the ability to replicate human intelligence through data and algorithms is known as artificial intelligence (AI)[2]. Machine perception, data-driven learning, and decision-making are made possible by AI technologies such as neural networks and machine learning.

1% <https://ieeexplore.ieee.org/abstract/doc>

<1% <https://www.ncbi.nlm.nih.gov/pmc/article>

In order to construct intelligent systems that are relevant across a variety of areas, including healthcare, banking, transportation, and entertainment, this interdisciplinary field draws upon principles from computer science, mathematics, psychology, neurology, and languages. AI has the ability to transform sectors and improve productivity, but ethical worries about how it may affect jobs, privacy, bias, and safety still exist. Careful thought and regulation are necessary for the responsible application of AI to ensure that the advantages outweigh the risks. Constant improvements in AI have the potential to improve human capacities and solve difficult issues, which will influence the direction of technology in many spheres of society. The creation of computer systems that are capable of activities that normally require human intelligence is referred to as artificial intelligence.

These activities involve, among other things, learning, thinking, solving problems, comprehending natural language, speech recognition, and visual perception. The goal of AI is to build devices and systems that can replicate-or perhaps surpass-human cognitive capacities. II.Impact of AI in Social Media Artificial intelligence (AI) plays a critical role in influencing social media, particularly in content personalisation and recommendation systems. Platforms provide personalized content recommendations by analyzing user behavior and interests using complex algorithms. This optimisation raises platform retention rates and encourages user interaction.

Artificial intelligence (AI) powered solutions improve user pleasure and strengthen platform relationships by matching content to individual interests. AI's position in social media is evolving, and it will continue to foster continuous involvement and improve user experiences.AI innovation in social media includes content filtering and safety measures. AI-powered technologies are essential for spotting and removing undesirable content, such as hate speech, violent images, and disinformation, in the age of user-generated content. By quickly identifying and eliminating offensive information, these AI algorithms contribute to a more inclusive and secure online community. They do this by utilizing natural language processing and picture recognition techniques.

Social media companies may protect user welfare and platform trust by proactively resolving content moderation issues, upholding community standards, and reducing the negative effects of online harassment and abuse. Furthermore, AI transforms social media platforms advertising and targeting tactics, allowing marketers to construct highly personalized and successful marketing campaigns. Artificial Intelligence (AI) algorithms enhance advertising effectiveness and return on investment by facilitating customised content distribution to specified demographics and audiences by leveraging user data and behavioral insights. Furthermore, AI-driven chatbots and virtual assistants expedite customer support encounters by offering consumers prompt and customized assistance.

Social media platforms optimise user engagement, content distribution, and advertising tactics through the smooth integration of AI technology. At the same time, they handle new concerns pertaining to privacy, algorithmic biases, and ethical data usage. III. Literature Survey Mohamed Aboualola, Khalid Abualsaud et al. [3] aimed to evaluate recent research on disaster and emergency management, highlight the functions of various edge technologies in this context, and guide readers through the various phases of handling a disaster scenario. Two key technologies that have a particularly significant impact on emergency scenarios are artificial intelligence and social media analytics.

Social media was a rich source of data, but artificial intelligence was particularly notable as a means of handling the massive volume of data produced by smart devices. As a result, artificial intelligence must address all data sources in order to anticipate, identify, and manage information and enable emergency response from law enforcement. This survey offers a thorough analysis of the most recent research on the relevant subjects, giving the reader a concise picture of the situation at the moment and grouping the articles according to their relationships with one another. In order to be thorough, this review concludes with a section on unresolved problems and current research directions in emergency and catastrophe management systems.

Edyta Go??b-Andrzejak,[4] conducted a study to illustrate the value of artificial intelligence (AI) and provide instances of AI-based solutions for improving (creating, assessing, and overseeing) customer engagement (CE) on social media in the higher education sector. Accordingly, one of the most important non-financial measures of a company's performance in a digital marketing plan was its CE, i.e., customer engagement. In a case study of the higher education sector, the paper described a decision support system (DSS) based on social media engagement management using AI-based technologies. P Grover, AK Kar, YK Dwivedi,[5] investigated the viability of AI utilisation within an organisation on the basis of six factors, i.e.,

job fit, complexity, long-term consequences, affect towards use, social factors, and facilitating conditions for different elements of OM. The study was finished by ,[outlining the study's shortcomings and suggesting further research avenues. Alexandru Capatina a, Maher Kachour b et al.[6] distinguished technological solutions from others on the market by learning how prospective customers of their AI-based software view the capabilities that they provide. Through the identification of branded content that generates high levels of customer engagement on social media, artificial intelligence (AI) solutions effectively support social media marketers in their tasks to optimize audience, image, and sentiment evaluations. Muhammad Imran a et al.[7] demonstrated the value of SM data for disaster response and management by a number of studies, which has prompted aid agencies to begin integrating SM data sources into their processes.

But those organizations faced a number of obstacles that keep them from utilizing SM data for response initiatives. Information extraction, summarization, information overload, textual and visual content verification, and near-real-time information processing are some of these difficulties. They have highlighted the many uses and prospects for SM multimodal data, as well as the most recent developments, issues that the area of crisis informatics and other related fields were facing, and what lies ahead. Matthew N. O. Sadiku et al.[8] examined the impact of various artificial intelligence techniques on social media companies in their research. L. M. Al-Ghamdi,[9] reviewed the studies and produced findings, conclusions, and suggestions specific to the topic.

As a result, research consistently demonstrated the significant role artificial intelligence played in social media

platforms for protecting user and organisational privacy as well as for marketing and boosting revenue for businesses. This study made several recommendations, including developing the artificial intelligence mechanism within social media platforms, carrying out additional research on how artificial intelligence could improve platform revenues, lowering the cost of creating and managing social media, and, most importantly, emphasising how important it is for social media companies to commit to use AI techniques to protect user privacy. Benabdelouahed et al.[10] presented the aim to understand the explicit way how artificial intelligence works on social media to ensure the maximum automation of marketing. Fahim K.

Sufi,Ibrahim Khalil,[11] introduced a novel approach, entirely automated, that utilizes natural language processing (NLP) and artificial intelligence (AI) to extract location-specific public sentiment regarding worldwide disaster situations. With the use of AI and NLP-based sentiment analysis, entity recognition (NER), anomaly detection, regression, and Getis Ord Gi* algorithms, they created the suggested system to gather comprehensive information and insights on social media feeds pertaining to disasters in 110 languages. From September 28, 2021, to October 6, 2021, they implemented and evaluated this algorithm on real-time Twitter feeds. IV.Result and Discussion: This summarizes the present technologies and their suitability for usage in emergency situations by looking at recent research on emergency prediction, detection, management, and response systems with an emphasis on SM- and AI-based technologies.

An overview of this study is given, along with a categorization and several indicators. There are still certain problems that need to be resolved, despite all of the potential advantages that the many approaches listed in this survey have shown. V. Conclusion: Social media networks will continue to be impacted by AI as the technology advances. The possibilities for AI in social media are endless. Social media and artificial intelligence are proven to be a powerful combo for businesses. Any company using AI tools has a bright and exciting future ahead of them.