



Artificial Intelligence in Islamic Educational Perspective: Insights from Said Nursi's Character Education Concept

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Abstract

Various types of jobs that require a lot of manpower, are now easy to do with the presence of technology. One of the technologies that is massive and highly developed today, and has penetrated into various human sectors is AI (Artificial intelligence), or what is commonly called artificial intelligence. The implementation of the use of AI in education has great potential to change the way learning and educational efficiency are achieved. In the reality that is found today, the use of AI, which should be used for positive things, tends to be negative. The purpose of this study, namely to identify the problem of AI advancement or artificial intelligence and its implications for the character of students, then is relevant to the concept of Said Nursi's character education as an effort to provide solutions to the problem of using AI in Islamic education which has implications for the characteristics of students. The method used in this study is qualitative, through literature review. The results of this study show the impact caused by AI on human characters, such as excessive addiction, loss of human interaction, potential for plagiarism and cheating, in his teaching Said Nursi emphasized the importance of character education, His approach to education is holistic and integrates faith and knowledge, which has significant relevance in the era of artificial intelligence such as holistic education, ethical foundations, integration of science and faith, the role of educators, human-centered AI, and spiritual resilience.

Keywords: *Artificial Intelligence, Character Education, Islamic Education, Said Nursi's Concept*

1. Introduction

The transition of the times has brought and provided innovations that continue to develop continuously. Various scientists and researchers are continuously developing technologies that are oriented towards human welfare. Thus, technological advances inevitably have a huge impact on human civilization and culture.¹ Various types of work that require a lot of energy are now easy to do with the advent of technology. One of the most massive and rapidly developing technologies today, which has penetrated various sectors of human life, is AI (Artificial Intelligence), commonly referred to as artificial intelligence.² In today's contemporary era, artificial intelligence has become a part of human needs.³ Most human activities involve the use of AI, which can have both negative and positive impacts on humans.

The massive use of AI in the current era is found in the education sector. The implementation of AI in education has the potential to significantly change the way we learn and the efficiency of education.⁴ Data provided by Microsoft, as stated in the Work Trend Index, shows that 75% of respondents use AI in their work.⁵ The reality we see today is that the use of AI, which should be used for positive purposes, tends to be used for negative ones.⁶ One of the negative impacts that is of great concern is dependence on technology.⁷ This impact causes humans to reduce their critical thinking skills due to the pampering of AI technology. In addition, the massive use of AI technology has caused significant changes in behavior and social patterns.⁸ Basically, the ability to think critically and behave socially is inherent in human nature, but these components are being eroded by increasingly massive technology.

Such problems have led to inequality, especially in terms of changes in human character, which should always use their reasoning to think critically and socialize with others. In Indonesia's educational vision, critical thinking is the goal of education in

¹ Hendro Setyo Wahyudi and Mita Puspita Sukmasari, "TEKNOLOGI DAN KEHIDUPAN MASYARAKAT," *Jurnal Analisa Sosiologi* 3, no. 1 (January 17, 2018), <https://doi.org/10.20961/jas.v3i1.17444>.

² Abi Umaroh, "PERTUMBUHAN ARTIFICIAL INTELEGENCE SERTA IMPLIKASINYA TERHADAP HUKUM DAN ETIKA HAM," *Depositi: Jurnal Publikasi Ilmu Hukum* 1, no. 3 (September 30, 2023): 262–73, <https://doi.org/10.59581/deposisi.v1i3.1351>.

³ Venni V. Krishna, "A I and Contemporary Challenges: The Good, Bad and the Scary," *Journal of Open Innovation: Technology, Market, and Complexity* 10, no. 1 (March 1, 2024): 100178, <https://doi.org/10.1016/j.joitmc.2023.100178>.

⁴ Muhammad Yahya, Wahyudi, and Akmal Hidayat, "Implementasi Artificial Intelligence (AI) Di Bidang Pendidikan Kejuruan Pada Era Revolusi Industri 4.0," *SEMINAR NASIONAL DIES NATALIS 62* 1 (July 29, 2023): 190–99, <https://doi.org/10.59562/semnasdies.v1i1.794>.

⁵ Microsoft Work Trend Index 2023 Bahas Bagaimana AI Mengubah Cara Kerja Di Indonesia – Indonesia News Center," accessed September 11, 2024, <https://news.microsoft.com/id-id/2023/05/23/microsoft-work-trend-index-2023-bahas-bagaimana-ai-mengubah-cara-kerja-di-indonesia/>.

⁶ Sehan Rifky, "Dampak Penggunaan Artificial Intelligence Bagi Pendidikan Tinggi," *Indonesian Journal of Multidisciplinary on Social and Technology* 2, no. 1 (February 2, 2024): 37–42, <https://doi.org/10.31004/ijmst.v2i1.287>.

⁷ Tri Bagus Prabowo and Rezya Agnesica Sihaloho, "Analisis Ketergantungan Indonesia Pada Teknologi Asing Dalam Sektor Energi Dan Dampaknya Pada Keamanan Nasional," *Jurnal Lemhannas RI* 11, no. 1 (May 9, 2023): 72–82, <https://doi.org/10.55960/jlri.v11i1.426>.

⁸ Rizky Agung Wicaksono, Alexandra Florenza Domingus, and Sofyan Qobid Ardhani, "TRANSFORMASI POLA PERILAKU MANUSIA: DAMPAK PERUBAHAN SOSIAL PADA LAYANAN DAN INTEGRASI MASYARAKAT," *Jurnal Socia Logica* 3, no. 4 (December 12, 2023): 101–10, <https://doi.org/10.572349/sociallogica.v3i4.1505>.

Indonesia.⁹ In addition to critical thinking, social behavior is also part of Indonesia's educational vision. The vision promoted by education in Indonesia in relation to social behavior is to foster a character that is always cooperative, or what is known as gotong royong (mutual assistance).¹⁰ Therefore, educators need to view character education as a responsibility that applies to themselves.¹¹ With proper character building, humans can develop their abilities to the maximum in critical thinking and socializing. Thus, it is important for educators to master personal competencies and competencies in the field of technology. With good personalism from educators, coupled with proficiency in using technology, it can accelerate character education teaching.

Before conducting this research, the researcher reviewed several previous articles, such as the one by Aliif Nawi et al., entitled *The Need for Guidelines and Islamic Ethics in Artificial Intelligence Research*, which found that AI has been widely used, especially in developing countries, in various fields including health, economics and finance, aviation, automotive, and education. The use of AI has also been exploited in terrorist activities, identity fraud, and data misuse.¹² Previous research, also conducted by Sarah Dina and Irhas Sabilihaq, entitled *Artificial Intelligence (AI) and The Principle of Moral Responsibility: How Does it Impact Islamic Education in Indonesia?* found that in the realm of Islamic education, the presence of facilities such as AI must be interpreted comprehensively with the principles of openness, technology-based, and human-centered in an effort to preserve and renew.¹³ Previous research conducted by Nuraliah Ali, et al., entitled *Artificial Intelligence (AI) in Islamic education: trends, perceptions, and potential academic violations among students*, found that most students had heard of AI. They saw AI-based applications as tools that could save time and be effective in helping with their academic assignments. However, some students expressed doubts about the effectiveness and accuracy of AI.¹⁴

This study focuses on identifying the problems of AI advancement and its implications for student character, then relating them to Said Nursi's concept of character education as an effort to provide solutions to the problems of AI use in Islamic education that have implications for student characteristics. The benefits of this study can be used as an evaluation and input for the education system to utilize technology.

Currently, artificial intelligence (AI) is developing very rapidly and at an unprecedented speed. As reported in the 2023 Work Trend Index report launched by Microsoft, the popularity of AI is predicted to continue to increase, with 75% of respondents stating that they will use AI in carrying out their daily tasks and work. This

⁹ Sarah Lilihata et al., "Penguatan Profil Pelajar Pancasila Dimensi Kreatif Dan Bernalar Kritis Pada Era Digital," *DIDAXEI* 4, no. 1 (September 12, 2023): 511–23.

¹⁰ Nur Noppitasari, Riyadi Riyadi, and Tri Budiharto, "Implementasi Profil Pelajar Pancasila Dimensi Gotong Royong Dalam Pembelajaran Matematika Kelas IV Sekolah Dasar," *Didaktika Dwija Indria* 11, no. 6 (November 22, 2023): 13–17, <https://doi.org/10.20961/ddi.v11i6.77729>.

¹¹ Tissa Alifiyarti, Wuri Wuryandani, and Heri Retnawati, "How the Teacher's Efforts to Instilling Responsibility Character in Learning from Home Era?," *JPI (Jurnal Pendidikan Indonesia)* 12, no. 1 (March 30, 2023): 10–19, <https://doi.org/10.23887/jpiundiksha.v12i1.40078>.

¹² Aliif Nawi et al., "Keperluan Garis Panduan Dan Etika Islam Dalam Penyelidikan Kecerdasan Buatan," *Journal of Fatwa Management and Research* 26, no. 2 (2021): 280–97.

¹³ Sarah Dina and Irhas Sabilihaq, "Artificial Intelligence (AI) and The Principle of Moral Responsibility: How Does It Impact Islamic Education in Indonesia? Corresponding Author," *Science and Education* 3 (2024): 893–903.

¹⁴ Nuraliah Ali et al., "Artificial Intelligence (AI) Dalam Pendidikan Islam: Trends, Persepsi, Dan Potensi Pelanggaran Akademik Di Kalangan Mahasiswa," *Injire* 1, no. 1 (2023): 51–66.

puts Indonesia in 8th place in the Asia Pacific region in terms of predicted AI usage in 2023. Artificial intelligence (AI) has transformed various sectors, one of which is education

The rapid development of AI has brought about many positive and negative impacts. Every use of AI should also consider solutions to its negative impacts. Given this, researchers have become increasingly interested in examining the negative impacts of this rapidly developing artificial intelligence (AI), then seeking solutions to these negative impacts based on Sa'id Nursi's character education and verses from the Qur'an in order to provide a strong and cohesive theoretical framework. However, these findings are somewhat difficult to implement practically in real life or in the context of character education directly.

2. Research Method

This research is a qualitative study through a literature *review*. It uses a literature synthesis data analysis technique with the following stages: determining the research objectives and questions, selecting relevant literature, collecting data by compiling and categorizing sources, analyzing and interpreting the data, writing a report, and presenting the results. The data used in this study is secondary data derived from previous research journal articles. This study classifies data based on the research formula.¹⁵ Literature search was conducted online through various existing literature sources limited to the years 2021-2024 using the keywords "*Artificial intelligence*," "*character education*," and "*Sa'id Nursi*." In the next stage, data processing and/or reference citation were carried out to be presented as research findings, abstracted to obtain complete information, and interpreted to produce knowledge for drawing conclusions.

3. Finding and Discussion

The analysis of the 21 research articles deemed suitable for analysis is presented in Table 1.

No	Journal name/Autor/Year	Research Title	Research Objective	Research Method	Research Results
1.	Indonesian Journal of Islamic Religious Education (INJIRE)/ (Nuraliah Ali1 Mulida Hayati2 Rohmatul Faiza3 Alfi Khaerah4, 2023)	Artificial Intelligence (AI) dalam pendidikan Islam: trends, persepsi, dan potensi pelanggaran akademik di kalangan mahasiswa	Mengeksplorasi dampak pertumbuhan cepat kecerdasan buatan (AI) dalam pendidikan.	Kualitatif-kuantitatif	Penggunaan AI membawa tantangan baru dalam memastikan integritas akademik. , berupa plagiat, tindakan curang selama ujian, dan

					tindakan academic misconduct lainnya.
2.	Indo-MathEdu Intellectuals Journal/(Agustina Purnami Setiawi, Elyakim Nova Supriyedi Patty, Samuel Rex Mulyadi Making, 2024)	Dampak Artificial Intelligence Dalam Pembelajaran Sekolah Menengah Atas	Mengetahui dampak AI dalam pembelajaran Sekolah Menengah Atas.	Deskriptif kualitatif	Penggunaan kecerdasan buatan (AI) memiliki dampak yang signifikan terhadap perkembangan teknologi pada siswa SMA dan sistem pendidikan,
3.	Jurnal Pengabdian Masyarakat Mandira Cendekia/(Muhammad Badrus Sholeh, Himmatul Aliyah, Aprilia Tri Ratna Nugrahenni, 2023)	PERAN DAN TANTANGAN GURU DI ERA ARTIFICIAL INTELLIGENCE	memberikan tinjauan literatur yang berfokus pada peran Artificial Intelligence dalam pengembangan guru, peran guru di era Artificial Intelligence, kesulitan peran guru di era Artificial Intelligence, orientasi peran guru di era tersebut Artificial Intelligence, tantangan guru di era Artificial Intelligence, dan strategi menghadapi tantangan guru di era Artificial Intelligence.	Tinjauan literatur	Tantangan yang terkait dengan penggunaan AI dalam pendidikan, seperti kebutuhan untuk memastikan bahwa sistem tersebut akurat dan dapat diandalkan.

4.	Jurnal Majemuk/ (Noer Hafidz Harsya, Zachrica Claudia, Maeva Wulandari, Aisyka Widi Kumala, Nadhia Shafira Rismawati, 2024)	Evaluasi Pandangan Mahasiswa UNNES Terhadap Dampak Positif dan Hambatan Penggunaan AI (ChatGPT) dalam Pembelajaran.	Mengevaluasi pandangan mahasiswa Universitas Negeri Semarang (UNNES) terhadap dampak positif dan hambatan penggunaan AI, khususnya ChatGPT, dalam proses pembelajaran.	Kuantitatif	Sebagian besar mahasiswa melihat penggunaan AI, seperti ChatGPT, dalam pembelajaran memiliki dampak positif, seperti meningkatkan aksesibilitas informasi dan efisiensi pembelajaran. Namun, ada juga hambatan yang diidentifikasi, seperti kurangnya interaksi manusia- mesin yang alami dan kekhawatiran terkait privasi.
5.	Journal Of Social Science Research (Fatmawati, Raihana, 2023)	Analisis Yuridis Terhadap Artificial Intelligence Pada Tindak Pidana Penyebaran Malware Di Indonesia.	Mengetahui analisis Yuridis Terhadap Artificial Intelligence Pada Tindak Pidana Penyebaran Malware Di Indonesia.	Studi literatur (<i>library research</i>)	Perkembangan Malware melahirkan berbagai jenis modus operandi dalam melaksanakan niat

					jahatnya, penerapan AI didalamnya dapat mengotomatisasi modusmodus sehingga memudahkan pelaku untuk melakukan kejahatan.
6.	Jurnal Pengabdian Masyarakat Bidang Sains dan Teknologi/ (Okky Putra Barus, Jefri Junifer Pangaribuan, Romindo, Alfin Anggara, William, 2023)	Penyuluhan Mengenai Artificial Intelligence Untuk Siswa-Siswi SMP dan SMA Sekolah Lentera Harapan Medan	Memberikan wawasan tentang AI dan mendorong penggunaan yang optimal dalam masyarakat.	Kuantitatif	Siswa tertarik dengan topik AI, terutama siswa SMA yang aktif bertanya. Siswa mendapatkan informasi tentang peran AI dalam kehidupan sehari-hari manusia serta kelebihan dan kekurangannya.
7.	Jurnal Ilmu Multidisiplin/(Dewa Gede Keramas Pradnyana, 2024)	Si Canggih AI, antara Manfaat dan Ancaman, Pertahankan Ruang Menalar bersama Cendikia Muda SMP Negeri 1 Bangli	Mengetahui kecenderungan potensi Generasi Alpha untuk mengembangkan kemampuan menalar kritis.	Kualitatif	Fenomena malas menalar akibat penggunaan ChatGPT salah satu bentuk

					dari AI ini merupakan bencana besar dalam dunia digital. Melalui Gerakan Cendekia Muda, permasalahan tersebut yang ditemukan di lingkungan sekolah dapat diatasi dengan menjadikan teknologi digital sebagai teknologi pembelajaran bukan menjadi teknologi penyebab ketergantungan.
8.	JOURNAL OF ANALYTICAL RESEARCH, STATISTICS AND COMPUTATION / (Tegar Raffi Putra Jumentoro, Nadhif Nur Rahmansyah, Jessenia Hayfa, Edwina Zhafirah Priyono Putri, Budi Indra Cahaya, 2024)	MENILIK PRO DAN KONTRA PEMANFAATAN DAN PENETAPAN STATUS HUKUM ARTIFICIAL INTELLIGENCE DALAM HUKUM POSITIF INDONESIA	Menyelidiki pro dan kontra pemanfaatan serta penetapan status hukum AI dalam hukum positif Indonesia.	Kualitatif	Penetapan status hukum AI menjadi perhatian serius. Penentuan status hukum AI sebagai entitas hukum yang bertanggung jawab

					dan dipertanggungjawabkan atas tindakannya masih memerlukan klarifikasi dan regulasi yang lebih rinci. Artikel ini merekomendasikan perlunya pengembangan regulasi yang jelas dan berimbang yang mengatur pemanfaatan AI dalam hukum di Indonesia. Regulasi tersebut harus memperhatikan aspek transparansi, akuntabilitas, dan privasi data untuk mengatasi kekhawatiran kontra terkait dengan penggunaan teknologi
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					AI dalam sistem hukum.
9.	Sindoro Cendekia Pendidikan/(Kharisma Fitrianinda, Desy Safitri, dan Sujarwo, 2024)	POLEMIK PENGGUNAAN ARTIFICIAL INTELLIGENCE ‘CHATGPT’ PADA LINGKUP DUNIA PENDIDIKAN	Implikasi penggunaan ChatGPT dalam pendidikan, menyoroti potensi dan tantangan teknologi ini dalam menciptakan lingkungan pembelajaran yang inklusif dan efektif.	Tinjauan Literatur	Penggunaan ChatGPT juga menimbulkan beberapa tantangan yang perlu diperhatikan, seperti potensi penggantian tugas penilaian oleh siswa kepada ChatGPT, kekhawatiran akan privasi data, keterbatasan dalam mendeteksi nuansa etika, dan risiko mengurangi interaksi manusiawi dalam pembelajaran.
10.	Sindoro Cendekia Pendidikan/(Muhammad Rizki Firdaus, Rafael Roy Irawan, Chairul Huda Yudi Mahardika, Prasetyo Lumban Gaol, Bima Akmal Primaryanto, 2023)	TANTANGAN TEKNOLOGI ARTIFICIAL INTELLIGENCE PADA KEGIATAN PEMBELAJARAN MAHASISWA	Mengetahui tantangan teknologi artificial intelligence pada kegiatan pembelajaran mahasiswa	<i>Library research</i>	Memiliki dampak negatif berupa membuat mahasiswa menjadi jauh lebih malas dibandingkan sebelumnya

					ya dikarenakan fitur-fitur yang ditawarkan sangat memudahkan mahasiswa dalam menyelesaikan pekerjaan kuliahnya, AI tidak dapat memahami tujuan dari informasi itu dibuat, Literasi mahasiswa akan menurun, berpotensi kecanduan .
11.	Jurnal Kajian Ilmu Sosial, Politik dan Hukum/(Mariska Cahyani Putri, Annisa Febyanti, Saskia Azzahra, Nurul Amaliyah Putri, 2024)	Pengaruh Penggunaan Artificial Intelligence Dalam Pembentukan Peraturan Perundang-Undangan	Mengkaji bagaimana kedudukan dan pengaruh kehadiran Artificial Intelligence dalam pembentukan peraturan perundang-undangan serta peran penting pengimplementasian penggunaan Artificial Intelligence dalam pembentukan peraturan perundang-undangan.	Yuridis Normatif	Artificial Intelligence merupakan suatu bentuk kemajuan yang dapat membantu dan mempermudah pekerjaan manusia, tetapi penggunaanya pun harus dibatasi dengan regulasi

					husus yang mengatur, supaya hal-hal yang menimbulkan ancaman atau dampak negatif dari penggunaannya dapat diminimalisir melalui regulasi yang telah dibuat.
12.	Jurnal Pendidikan Transformatif/(Muhammad Waqqor Bukhori, Muhammad Giyaatsusshidqi, Nabila Agustina, Yumna Sabilal Huda, 2024)	Implementasi Penggunaan AI Dalam Proses Pembelajaran Mahasiswa Teknologi Pendidikan Angkatan 2023	Mengetahui implementasi penggunaan AI dalam proses pembelajaran mahasiswa teknologi pendidikan angkatan 2023	Deskriptif Kualitatif	Penggunaan AI memberikan dampak positif bagi mahasiswa, seperti mempermudah pencarian referensi, meringkas materi, menyusun paragraf, serta mengoreksi tulisan. Namun di sisi lain, terdapat pula dampak negatif seperti potensi ketergantungan

					ngan berlebihan , menurunn ya kreativitas , dan sikap menjadi pemalas.
13.	Journal of Information System, Informatics and Computing/(Roida Pakpahan, 2021)	ANALISA PENGARUH IMPLEMENTASI ARTIFICIAL INTELLIGENCE DALAM KEHIDUPAN MANUSIA	Mengetahui pengaruh implementasi artificial intelligence dalam kehidupan manusia	Deskriptif Kuantitatif	Implementasi artificial intelligence dalam berbagai sektor kehidupan sangat membantu manusia dalam menyelesaikan tugas dan beberapa pekerjaan sehingga artificial intelligence menjadi kebutuhan saat ini dimana artificial intelligence implementasikan dalam kehidupan sehari-hari namun dengan berbagai kecanggihan dan terobosan yang inovatif dalam

					teknologi artificial intelligenc e, artificial intelligenc e juga menjadi ancaman bagi keberlang sungan sumber daya manusia. Implemen tasi artificial intelligenc e dalam berbagai lini kehidupan perlahan-lahan mulai menggese r keberadaa n manusia karena banyak pekerjaan yang mulai digantikan artificial intelligenc e.
14.	Jurnal Studi Kependidikan dan Keislaman/(Faisol Hakim, Ahmad Fadlillah, M. Nafiur Rofiq, 2024)	Artificial Intellegence (AI) dan Dampaknya Dalam Distorsi Pendidikan Islam	Mengeksplorasi dampak negatif penggunaan kecerdasan buatan (AI) dalam konteks pendidikan Islam	Kualitatif	Dampak negatif pengguna an AI dalam pendidika n Islam, seperti distorsi paham an agama dan

					hilangnya kreativitas siswa, menunjukkan urgensi penyesuaian dalam penerapan teknologi AI guna memitigasi risiko dan memastikan keberlanjutan pendidikan agama yang bermutu dan original.
15.	Jurnal Review Pendidikan dan Pengajaran/(Uly Muzakir, Baharuddin2, Abraham Manuhutu, Heru Widoyo, 2023)	PENERAPAN KECERDASAN BUATAN DALAM SISTEM INFORMASI: TINJAUAN LITERATUR TENTANG APLIKASI, ETIKA, DAN DAMPAK SOSIAL	Mendeskripsikan dampak penerapan kecerdasan buatan (AI) dalam sistem informasi pada tenaga kerja dan masyarakat.	Deskriptif Kualitatif	Dampak negatif seperti kehilangan pekerjaan, disparitas ekonomi, bias dalam algoritma, serta isu privasi dan ketergantungan pada teknologi
16.	Jurnal Recview Pendidikan dan Pengajaran/(Wiwin Rif'atul Fauziyati, 2023)	DAMPAK PENGGUNAAN ARTIFICIAL INTELLIGENCE (AI) DALAM PEMBELAJARAN PENDIDIKAN AGAMA ISLAM	Mendeskripsikan dampak penggunaan Artificial Intelligence (AI) dalam pembelajaran pendidikan agama Islam	Kualitatif	Dampak penggunaan Artificial Intelligence (AI) dalam pembelajaran pendidikan

					n agama Islam membawa potensi besar untuk meningkatkan efisiensi dan efektivitas dalam pembelajaran pendidikan agama Islam.
17.	Indonesian Journal of Multidisciplinary on Social and Technology/(Sehan Rifky, 2024)	Dampak Penggunaan Artificial Intelligence Bagi Pendidikan Tinggi	Mengetahui dan mengenali dampak penggunaan kecerdasan buatan yang berkembang sangat pesat dalam beberapa tahun terakhir	Studi fenomenologi.	Secara keseluruhan, AI memberikan dampak positif pada pendidikan tinggi dengan meningkatkan personalisasi pembelajaran, evaluasi otomatis, dan efisiensi manajemen, namun hal ini harus disertai dengan pertimbangan etika dan keamanan data yang cermat

18.	Jurnal Filsafat Indonesia/(Michael Reskiantio Pabubung, 2021)	Epistemologi Kecerdasan Buatan (AI) dan Pentingnya Ilmu Etika dalam Pendidikan Interdisipliner	Mengetahui pentingnya AI dan ilmu Etika sebagai materi perkuliahan terpadu di tengah era dan disrupsi AI.	Kualitatif	Sebagai institusi pendidikan yang tanggap terhadap zaman, setiap universitas perlu mempertimbangkan perlunya materi perkuliahan tentang dasar-dasar AI dan Etika bagi setiap peserta didik
19.	Sindoro CENDIKIA PENDIDIKAN/(Eka Puji Astutik, Nur Afif Ayuni, Ayunda Mahdalena Putri, 2023)	ARTIFICIAL INTELLIGENCE: DAMPAK PERGESERAN PEMANFAATAN KECERDASAN MANUSIA DENGAN KECERDASAN BUATAN BAGI DUNIA PENDIDIKAN DI INDONESIA	Menganalisis adanya pergeseran pemanfaatan kecerdasan manusia dengan kecerdasan buatan, serta mengetahui dampak dari Artificial Intelligence (AI) bagi dunia pendidikan di Indonesia.	Studi kepustakaan	Penggunaan AI secara berlebihan juga berdampak negatif dengan semakin tergantungnya peserta didik pada teknologi AI, adanya risiko plagiarisme dalam penggunaan AI, hingga berakibat pada menurunnya kualitas pelajar.

20.	Jurnal Filsafat Indonesia/(Michael Reskiantio Pabubung, 2023)	Era Kecerdasan Buatan dan Dampak terhadap Martabat Manusia dalam Kajian Etis	Mengkaji secara etis masalah AI dalam perjumpaan dengan manusia sebagai pengembang, pengguna (dan objek) di zaman sekarang ini khususnya dampak terhadap martabat manusia.	Kualitatif	Dalam sorotan martabat manusia, kecerdasan buatan sangat berpotensi untuk menghilangkan sekat-sekat hidup privat yang menjadi hak setiap manusia. Ini menyangkut data setiap individu yang sewaktu-waktu bisa disalahgunakan atau diambil tanpa seizin individu bersangkutan.
21.	Jurnal Pemuliaan Hukum/(Maharani Qaulan Syadida, Nadhila Citra Supriantoro, Moh. Suci Sugianto, 2023)	Konseptualisasi Badan Pengawasan dan Perlindungan Artificial Intelligence Sebagai Pemenuhan Perlindungan Hukum Teknologi di Indonesia	Menganalisis terkait peluang dan tantangan AI dalam kehidupan masyarakat kemudian memberikan solusi terkait tantangan dan permasalahan yang terjadi tentang AI di Indonesia khususnya.	Metode Reform Oriented Research	Terdapat banyak urgensi perlindungan hukum dari dampak negatif AI di Indonesia dengan itu maka penulis memberik

					an sebuah rekomendasi berupa ius constituen dum Konsep Badan Pengawas an dan Perlindun gan AI di Indonesia sebagai salah satu fungsi pengawas an dan perlindun gan pemerinta h di dalam perlindun gan hukum teknologi di Indonesia, amandem en beberapa undang-undang, dan membuat UndangU ndang Kecerdasa n Buatan di Indonesia.
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4. Discussion

Based on article research and reviewing the results of other studies that have been conducted previously, there has been a lot of research related to the issue of AI (*Artificial Intelligence*) in the current digital era. My findings tend to discuss AI (*Artificial Intelligence*)

from an Islamic perspective, focusing on the negative impacts of AI and solutions based on Said Nursi's concept of character education. Based on the analysis of the articles, the negative implications of AI on human character from an Islamic educational perspective can be classified.

The application and use of AI in education actually presents various benefits that are very useful in the field of education, but the use of AI also needs to be watched for its negative implications on human character. The impacts of AI on human character include:

Excessive addiction

When implemented excessively in learning, the greatest potential impact is that students will become dependent on technology and will lack the ability to think critically, solve problems, and be creative, which will affect

how they perceive themselves and their environment.¹⁵ This can conflict with the emphasis of Islamic education, which is oriented towards independence and intellectual development.¹⁶

Loss of human interaction

In the learning process, human interaction is very important in Islamic education. Social interaction between peers will help improve relationships between students and teachers as well as with other students. Social interaction also fosters empathy between peers and develops social skills in humans.¹⁷ Excessive use of AI will make humans individualistic and reduce this interaction, hindering the development of character and Islamic values.

Potential for plagiarism and cheating

Excessive use of AI in completing tasks assigned by teachers or lecturers can be a factor in plagiarism and cheating.¹⁸ Such matters contradict the values of integrity and honesty taught in Islamic education.¹⁹ Therefore, such actions cause humans to violate Islamic principles.

Breaking down the barriers of private life

Various AI applications on smartphones have brought significant changes to lifestyles, enabling individuals to control their daily activities.²⁰ On the other hand, AI collects and analyzes personal data, potentially compromising individual privacy. Such issues are prevalent in AI systems, such as virtual assistants and social media platforms that require personal information.

A threat to human resources

¹⁵ Hasbi Himatudin and Radea Yuli A. Hambali, "Pengaruh Teknologi Terhadap Kesadaran Manusia Dalam Berfikir Filosofis," *Gunung Djati Conference Series* 19 (March 30, 2023): 441–47.

¹⁶ Muh Idris and Sabil Mokodenseho, "Model Pendidikan Islam Progresif," *J-PAL: Jurnal Pendidikan Agama Islam* 7, no. 2 (July 13, 2021), <https://doi.org/10.18860/jpai.v7i2.11682>.

¹⁷ Dedi Sahputra Napitupulu, "PROSES PEMBELAJARAN MELALUI INTERAKSI EDUKATIF DALAM PENDIDIKAN ISLAM," *Tazkiya: Jurnal Pendidikan Islam* 8, no. 1 (July 30, 2019), <https://doi.org/10.30829/taz.v8i1.458>.

¹⁸ Lukman Lukman, Riska Agustina, and Rihadatul Aisy, "Problematisasi Penggunaan Artificial Intelligence (AI) untuk Pembelajaran di Kalangan Mahasiswa STIT Pematang," *Madaniyah* 13, no. 2 (2023): 242–55, <https://doi.org/10.58410/madaniyah.v13i2.826>.

¹⁹ Rubini Rubini, "PENDIDIKAN MORAL DALAM PERSPEKTIF ISLAM," *AL-MANAR: Jurnal Komunikasi Dan Pendidikan Islam* 8, no. 1 (June 1, 2019): 225–71, <https://doi.org/10.36668/jal.v8i1.104>.

²⁰ Michael Reskiantio Pabubung, "Era Kecerdasan Buatan dan Dampak terhadap Martabat Manusia dalam Kajian Etis," *Jurnal Filsafat Indonesia* 6, no. 1 (April 30, 2023): 66–74, <https://doi.org/10.23887/jfi.v6i1.49293>.

The rapid advancement of AI technology brings continuous changes, making tasks performed by humans with technology more efficient.²¹ Such issues, as highlighted at, may lead to humans being replaced by robots.²² This situation threatens the existence of humans due to the presence of AI.

Every innovation developed in education will inevitably have its advantages and disadvantages. Behind the advantages of *artificial intelligence*, which can facilitate individuals in carrying out learning activities, there are also negative impacts that can affect each individual, and this can also change human character, thereby contradicting the values and teachings of Islam. The negative consequences of this are: a). Excessive addiction to using technology, which leads to misuse. b). Loss of interaction between humans as social beings, making humans individualistic and apathetic towards others. The potential for plagiarism in completing assignments given by teachers or lecturers, allowing students to simply copy from results presented by AI.

Character Education According to Said Nursi

In essence, character education is a conscious effort made by someone who is competent in education, where in character education, students are given an understanding related to the instilling and development of values of goodness and usefulness for their surrounding environment.²³ The existence of character education is oriented towards improving and strengthening the role of the family, educational unity, society, and government. Character education from a Muslim scholar from Turkey named Said Nursi. In his teachings, Said Nursi emphasizes the importance of character education. His approach to education is holistic and integrates faith and knowledge, which is highly relevant in the era of artificial intelligence (AI). Some important relevant points include:

Holistic education

Holistic education is intended as education that emphasizes the development of the mind, heart, and soul.²⁴ These aspects are highly recommended and emphasized by Said Nursi in the education system. In the era of *artificial intelligence*, technology greatly influences learning, and a holistic approach can be used to instill important human values and ethics amid technological advances.

Ethical Foundation

The emergence of AI presents many ethical challenges, including issues related to the potential misuse of technology, plagiarism, and cheating.²⁵ Said Nursi considers dishonesty, loss of morals, and loss of integrity to be problems that exist today.

²¹ Umasankar Murugesan et al., "A Study of Artificial Intelligence Impacts on Human Resource Digitalization in Industry 4.0," *Decision Analytics Journal* 7 (June 1, 2023): 100249, <https://doi.org/10.1016/j.dajour.2023.100249>.

²² Yahya, Wahyudi, and Hidayat, "Implementasi Artificial Intelligence (AI) Di Bidang Pendidikan Kejuruan Pada Era Revolusi Industri 4.0."

²³ Sofyan Mustoip, "IMPLEMENTASI PENDIDIKAN KARAKTER" (OSF, November 15, 2018), <https://doi.org/10.31227/osf.io/qft7g>.

²⁴ Nur Zakiyah and Zaitun Zaitun, "Implementasi Pendidikan Holistik dalam Pembelajaran Pendidikan Agama Islam di SMA Negeri Plus Provinsi Riau," *Al-Fikra : Jurnal Ilmiah Keislaman* 20, no. 1 (June 30, 2021): 68–77, <https://doi.org/10.24014/af.v20i1.14444>.

²⁵ Fiona Fui-Hoon Nah et al., "Generative AI and ChatGPT: Applications, Challenges, and AI-Human Collaboration," *Journal of Information Technology Case and Application Research* 25, no. 3 (July 3, 2023): 277–304, <https://doi.org/10.1080/15228053.2023.2233814>.

Therefore, Said Nursi strongly emphasizes these aspects.²⁶ Moral values are therefore very important in combining the development and ethical application of AI technology. Integration of science and faith

Said Nursi believed that religion and technological science are inseparable. The combination of the two produces truth for humans, while separating them causes confusion.²⁷ In the AI era, this approach can help bridge the gap between technological expertise and ethics. In addition, this approach ensures that AI development is in line with human values and broader ethical standards. Therefore, Said Nursi views religious knowledge as light for the heart and general knowledge as light for the human mind.

The Role of Educators

The role of educators in the use of AI is crucial, as it can help students understand the complexity of AI by fostering critical thinking, ethical reasoning, and a balanced perspective on technology.²⁸ They can guide students to use AI responsibly and for the common good.

Human-centered AI

Said Nursi focused heavily on spiritual and moral development. AI technology can help ensure that human life is improved. This is done by prioritizing human welfare and ethical considerations.

Spiritual Resilience

In an era where artificial intelligence can bring significant social and economic changes, the doctor's focus on spiritual resilience can help people cope with uncertainty and maintain their goals and path.³¹ By combining the principles of Said Nursi's education with contemporary advances in artificial intelligence, we can create a balanced and ethical approach to technology that respects human dignity, supports social justice, and promotes sustainable growth for individuals and society.³²

5. Conclusion

Based on the results of the analysis, data collection, and discussion of the research results listed above, it can be concluded that the negative impacts of AI on human character include excessive addiction, loss of human interaction, and the potential for plagiarism and cheating. In his teachings, Said Nursi emphasizes the importance of character education. His holistic approach to education, known as " , " integrates faith and knowledge, which has significant relevance in the era of artificial intelligence (AI), such as holistic education, ethical foundations, the integration of science and faith, the role of educators, human-centered AI, and spiritual resilience. One of Said Nursi's holistic approaches can be used to instill important human values and ethics amid technological advances, in order to take advantage of all kinds of technological advances,

²⁶ Muhammad Faiz, "KONSEP INTEGRASI SOSIAL," *Akademika : Jurnal Pemikiran Islam* 21, no. 2 (October 16, 2016): 213–28.

²⁷ Mohamed Mohamed Tolba Said, "Islamic Education on Science, Peace, and Development in Thought of Said Nursi," *Jurnal Studi Al-Qur'an* 14, no. 2 (July 29, 2018): 109–22, <https://doi.org/10.21009/JSQ.014.2.01>.

²⁸ Darwin et al., "Critical Thinking in the AI Era: An Exploration of EFL Students' Perceptions, Benefits, and Limitations," *Cogent Education* 11, no. 1 (December 31, 2024): 2290342, <https://doi.org/10.1080/2331186X.2023.2290342>.

accompanied by good ethics in their use. These findings are somewhat difficult to implement in real life or in the context of character education

Bibliography

- Ali, Nuraliah, Mulida Hayati, Rohmatul Faiza, Alfi Khaerah, and Palangka Raya. "Artificial Intelligence (AI) Dalam Pendidikan Islam: Trends, Persepsi, Dan Potensi Pelanggaran Akademik Di Kalangan Mahasiswa." *Injire* 1, no. 1 (2023): 51–66.
- Alifiyarti, Tissa, Wuri Wuryandani, and Heri Retnawati. "How the Teacher's Efforts to Instilling Responsibility Character in Learning from Home Era?" *JPI (Jurnal Pendidikan Indonesia)* 12, no. 1 (March 30, 2023): 10–19. <https://doi.org/10.23887/jpiundiksha.v12i1.40078>.
- Darwin, Diyenti Rusdin, Nur Mukminatien, Nunung Suryati, Ekaning D. Laksmi, and Marzuki. "Critical Thinking in the AI Era: An Exploration of EFL Students' Perceptions, Benefits, and Limitations." *Cogent Education* 11, no. 1 (December 31, 2024): 2290342. <https://doi.org/10.1080/2331186X.2023.2290342>.
- Dina, Sarah, and Irhas Sabililhaq. "Artificial Intelligence (AI) and The Principle of Moral Responsibility: How Does It Impact Islamic Education in Indonesia? Corresponding Author." *Science and Education* 3 (2024): 893–903.
- Faiz, Muhammad. "KONSEP INTEGRASI SOSIAL." *Akademika: Jurnal Pemikiran Islam* 21, no. 2 (October 16, 2016): 213–28.
- Fui-Hoon Nah, Fiona, Ruilin Zheng, Jingyuan Cai, Keng Siau, and Langtao Chen. "Generative AI and ChatGPT: Applications, Challenges, and AI-Human Collaboration." *Journal of Information Technology Case and Application Research* 25, no. 3 (July 3, 2023): 277–304. <https://doi.org/10.1080/15228053.2023.2233814>.
- Himatudin, Hasbi, and Radea Yuli A. Hambali. "Pengaruh Teknologi Terhadap Kesadaran Manusia Dalam Berfikir Filosofis." *Gunung Djati Conference Series* 19 (March 30, 2023): 441–47.
- Idris, Muh, and Sabil Mokodenseho. "Model Pendidikan Islam Progresif." *J-PAI: Jurnal Pendidikan Agama Islam* 7, no. 2 (July 13, 2021). <https://doi.org/10.18860/jpai.v7i2.11682>.
- Krishna, Venni V. "A I and Contemporary Challenges: The Good, Bad and the Scary." *Journal of Open Innovation: Technology, Market, and Complexity* 10, no. 1 (March 1, 2024): 100178. <https://doi.org/10.1016/j.joitmc.2023.100178>.
- Lilihata, Sarah, Santhalia Rutumalessy, Natanel Burnama, Stela I. Palopo, and Agustina Onaola. "Penguatan Profil Pelajar Pancasila Dimensi Kreatif Dan Bernalar Kritis Pada Era Digital." *DIDAXEI* 4, no. 1 (September 12, 2023): 511–23.
- Lukman, Lukman, Riska Agustina, and Rihadatul Aisy. "Problematika Penggunaan Artificial Intelligence (AI) untuk Pembelajaran di Kalangan Mahasiswa STIT Pemaleang." *Madaniyah* 13, no. 2 (2023): 242–55. <https://doi.org/10.58410/madaniyah.v13i2.826>.
- "Metode Penelitian Kualitatif.Pdf." Accessed June 22, 2024. <https://digilib.uinsgd.ac.id/32855/1/Metode%20Penelitian%20Kualitatif.pdf>.

- “Microsoft Work Trend Index 2023 Bahas Bagaimana AI Mengubah Cara Kerja Di Indonesia – Indonesia News Center.” Accessed September 11, 2024. <https://news.microsoft.com/id-id/2023/05/23/microsoft-work-trend-index-2023-bahas-bagaimana-ai-mengubah-cara-kerja-di-indonesia/>.
- Murugesan, Umasankar, Padmavathy Subramanian, Shefali Srivastava, and Ashish Dwivedi. “A Study of Artificial Intelligence Impacts on Human Resource Digitalization in Industry 4.0.” *Decision Analytics Journal* 7 (June 1, 2023): 100249. <https://doi.org/10.1016/j.dajour.2023.100249>.
- Mustoip, Sofyan. “IMPLEMENTASI PENDIDIKAN KARAKTER.” OSF, November 15, 2018. <https://doi.org/10.31227/osf.io/qft7g>.
- Napitupulu, Dedi Sahputra. “PROSES PEMBELAJARAN MELALUI INTERAKSI EDUKATIF DALAM PENDIDIKAN ISLAM.” *Tazkiya: Jurnal Pendidikan Islam* 8, no. 1 (July 30, 2019). <https://doi.org/10.30829/taz.v8i1.458>.
- Nawi, Aliff, Mohd Faiz Mohd Yaakob ii, Zalmizy Hussin iii, Nadia Diyana Mohd Muhaiyuddin iv, Mohd Al Adib Samuri, and Ab4w Halim Tamuri vi. “Keperluan Garis Panduan Dan Etika Islam Dalam Penyelidikan Kecerdasan Buatan.” *Journal of Fatwa Management and Research* 26, no. 2 (2021): 280–97.
- Noppitasari, Nur, Riyadi Riyadi, and Tri Budiharto. “Implementasi Profil Pelajar Pancasila Dimensi Gotong Royong Dalam Pembelajaran Matematika Kelas IV Sekolah Dasar.” *Didaktika Dwija Indria* 11, no. 6 (November 22, 2023): 13–17. <https://doi.org/10.20961/ddi.v11i6.77729>.
- Pabubung, Michael Reskiantio. “EPISTEMOLOGI KECERDASAN BUATAN (AI) DAN PENTINGNYA ILMU ETIKA DALAM PENDIDIKAN INTERDISIPLINER.” *Jurnal Filsafat Indonesia* 4, no. 2 (September 1, 2021): 152–59. <https://doi.org/10.23887/jfi.v4i2.34734>.
- . “Era Kecerdasan Buatan dan Dampak terhadap Martabat Manusia dalam Kajian Etis.” *Jurnal Filsafat Indonesia* 6, no. 1 (April 30, 2023): 66–74. <https://doi.org/10.23887/jfi.v6i1.49293>.
- Prabowo, Tri Bagus, and Rezya Agnesica Sihaloho. “Analisis Ketergantungan Indonesia Pada Teknologi Asing Dalam Sektor Energi Dan Dampaknya Pada Keamanan Nasional.” *Jurnal Lembannas RI* 11, no. 1 (May 9, 2023): 72–82. <https://doi.org/10.55960/jlri.v11i1.426>.
- Rachmadana, Satria Lintang, Saiful Aminudin Alkushima Putra, and Yusron Difinubun. “Dampak Artificial Intelligence Terhadap Perekonomian.” *Financial and Accounting Indonesian Research* 2, no. 2 (December 12, 2022): 71–82. <https://doi.org/10.36232/jurnalfairakuntansiunimuda.v2i2.3837>.
- Rifky, Sehan. “Dampak Penggunaan Artificial Intelligence Bagi Pendidikan Tinggi.” *Indonesian Journal of Multidisciplinary on Social and Technology* 2, no. 1 (February 2, 2024): 37–42. <https://doi.org/10.31004/ijmst.v2i1.287>.
- Rubini, Rubini. “PENDIDIKAN MORAL DALAM PERSPEKTIF ISLAM.” *AL-MANAR: Jurnal Komunikasi Dan Pendidikan Islam* 8, no. 1 (June 1, 2019): 225–71. <https://doi.org/10.36668/jal.v8i1.104>.
- Said, Mohamed Mohamed Tolba. “Islamic Education on Science, Peace, and Development in Thought of Said Nursi.” *Jurnal Studi Al-Qur'an* 14, no. 2 (July 29, 2018): 109–22. <https://doi.org/10.21009/JSQ.014.2.01>.
- Supriyadi, Supriyadi. “Pola Interaksi Pendidikan Dalam Proses Pembelajaran Agama Islam.” *JIE (Journal of Islamic Education)* 1, no. 1 (2016): 70–90.

- Umaroh, Abi. "PERTUMBUHAN ARTIFICIAL INTELEGENCE SERTA IMPLIKASINYA TERHADAP HUKUM DAN ETIKA HAM." *Deposisi: Jurnal Publikasi Ilmu Hukum* 1, no. 3 (September 30, 2023): 262–73. <https://doi.org/10.59581/deposisi.v1i3.1351>.
- Wahyudi, Hendro Setyo, and Mita Puspita Sukmasari. "TEKNOLOGI DAN KEHIDUPAN MASYARAKAT." *Jurnal Analisa Sosiologi* 3, no. 1 (January 17, 2018). <https://doi.org/10.20961/jas.v3i1.17444>.
- Wicaksono, Rizky Agung, Alexandra Florenza Dominggus, and Sofyan Qobid Ardhani. "TRANSFORMASI POLA PERILAKU MANUSIA: DAMPAK PERUBAHAN SOSIAL PADA LAYANAN DAN INTEGRASI MASYARAKAT." *Jurnal Socia Logica* 3, no. 4 (December 12, 2023): 101–10. <https://doi.org/10.572349/sociallogica.v3i4.1505>.
- Yahya, Muhammad, Wahyudi, and Akmal Hidayat. "Implementasi Artificial Intelligence (AI) Di Bidang Pendidikan Kejuruan Pada Era Revolusi Industri 4.0." *SEMINAR NASIONAL DIES NATALIS 62 1* (July 29, 2023): 190–99. <https://doi.org/10.59562/semnasdies.v1i1.794>.
- Zakiyah, Nur, and Zaitun Zaitun. "Implementasi Pendidikan Holistik dalam Pembelajaran Pendidikan Agama Islam di SMA Negeri Plus Provinsi Riau." *Al-Fikra: Jurnal Ilmiah Keislaman* 20, no. 1 (June 30, 2021): 68–77. <https://doi.org/10.24014/af.v20i1.14444>.