The enormous potential of AI cannot be dismissed



rate of technological advancement,

government policies and the

ability of workers to adapt to new

opinion, coming from Krugman, who

a disclaimer: "What I did was ask

Krugman was referring to the new

chatbot software ChatGPT - released

in November 2022 by OpenAI -

which has taken the world by storm

with its flashy abilities. ChatGPT can

quickly compile information and

write essays, spit out computer codes,

do complicated mathematics, hold

conversations, generate short stories,

unleashed a veritable tsunami

of predictions, reviews, and dire

warnings in newspapers across the

globe and social media on the effects

of the AI revolution. Comments and

reactions are pouring in incessantly

The availability of ChatGPT

A very reasonable and sound

technologies."

just an excerpt."

and whatnot.

DIALOGUE

Dr Abdullah Shibli is an economist and works for Change Healthcare, Inc., an information technology company. He also serves as senior research fellow at the US-based International Sustainable Development Institute (ISDI).

ABDULLAH SHIBLI

In an op-ed recently in the New York politicians, intellectuals, and, of

transportation; you name any field, and AI has made inroads there with mostly positive outcomes.

Let us take the case of healthcare. Until a decade ago, physicians based their diagnoses entirely on

journalism, medicine, government, 2023), Dr Lee Hood and Dr Nathan mistakes. MedAware sends an alert organisations can create guidelines law enforcement, arts and culture, Price provide some interesting facts to the doctor, who is frequently about the benefits of AI-enhanced overworked medical care in the areas of diagnosis, exhausted, when the medication does pharmaceuticals, and treatment of diseases.

> Studies have revealed that each patient generates over 100 million

sometimes and not match the patient's need or could have an adverse reaction.

As for job loss, there is a good possibility that AI will not only knowledge stored in their memory. megabytes of data, from basic testing increase productivity per worker

to address privacy, security, and equal access issues. The company OpenAI is already facing roadblocks in European countries. A week ago, Italian authorities ordered OpenAI to stop processing Italian users' personal information because it may have exposed some users' messages and payment information.

As AI is used to automate existing jobs, it can lead to discrimination against workers and exacerbate inequality. This debate centres in particular on algorithmic bias and the potential for algorithms to produce unlawful or undesired discrimination in the decisions to which the algorithms relate. These are major concerns for civil rights and consumer organisations representing populations suffering undue discrimination.

An official US-EU recommends investing in training and job transition services for displaced employees, encouragement of development and adoption of AI that is beneficial for labour markets, and investing in the capacity of regulatory agencies to ensure that AI systems are transparent and fair for

In academia, the pushback has been swift. Boston University, my alma mater, has proposed some standards for using AI tools. Students will be advised to inform the professor which AI tools were used, even if to generate ideas, to not use these tools during examinations, and to agree to "employ AI detection tools and originality checks" to avoid any potential plagiarism issues.

Similarly, instructors have to follow these guidelines: i) Learn how AI tools work to enhance student learning; ii) Grade work created by AI lower than non-AI works; iii) Employ AI detection tools to evaluate the degree to which AI tools have likely been employed; and The advance of AI will be facilitated iv) Impose penalty for mindless use of

Times, the Nobel-Prize winning course, economists. A few of the related thoughteconomist Paul Krugman wrote, "Artificial intelligence (AI) is already provoking questions are: Can having a significant impact on computers really think and feel? Will the economy, and its influence is machines finally replace humans expected to grow significantly in the and take away jobs? And how soon coming years... Overall, the effects will that happen? These are all of AI on the economy will depend debatable issues, but allow me to offer my answer before I change my on a variety of factors, including the

mind next year.

I am aligned with Krugman, who does not foresee significant changes immediately. "Artificial intelligence likely won't transform the US economy in the next decade," is very well-regarded in the profession he said in NYT, adding that it could as well as in the American political boost labour productivity by doing some jobs better than humans. My establishment. Unfortunately, he then immediately goes on to disown caveat. He may be wrong since AI the opening paragraph and offers race is heating up, with tech giants Microsoft, Google, and Baidu among ChatGPT to describe the economic those ramping up their efforts to effects of artificial intelligence; that's launch their versions of advanced chatbots.

> Al will have a major impact in four areas: productivity or output per capita, jobs loss, education, and healthcare and medical research. There will be substantial gains in productivity when AI can help us with repetitive tasks. The impact on the economy might take a little while, but it is inevitable. Whether it takes five years or 10 years for productivity gains to show up in each sector. It is already visible in e-commerce, banking, and transportation.

We all know that the AI revolution is a work in progress. There is hardly any discipline where we do not see some form of AI adoption and from the IT industry and from various adaptation. Business, education,

A staff member looks at a robot at the venue for the World Artificial Intelligence Conference in Shanghai, China July 9, 2020. Things have changed today thanks to the rapid development of AI and its use in clinical decision support systems (DSS). A recent Johns Hopkins study reported that more than 250,000 people in the US die every year from medical errors and other reports claim the number to be as high as 440,000. Medical errors

help of AI. In their book, "The Age of Scientific Wellness" (Harvard University Press,

are the third-leading cause of death

after heart disease and cancer, and

these errors can be reduced with the

results, MRI, information on patient but also replace some repetitive outcomes, and more. "These (DSS) systems leverage what computers are by humans. On the other hand, naturally good at – storing, recalling and correlating vast amounts of information virtually instantaneously and link it to the ability of a human expert to reason intuitively and think creatively," Hood and Price write.

AI-enabled healthcare already saved innumerable lives in many different ways. MedAware, are much harder to be replaced by an an AI programme, is used to help doctors avoid prescribing the wrong prescription due to unintended

or routine tasks currently done jobs with a strong human element such as being a therapist - are especially unlikely to be taken over by technology, according to Dimitris Papanikloaou, a professor of finance at the Kellogg School of Management has at Northwestern University. "Jobs that emphasise interpersonal skills

> AI," he says. if governments and/or international Al generated materials.

বেজিস্টার দপ্তর যশোর বিজ্ঞান ও প্রযুক্তি বিশ্ববিদ্যালয় যশোর-৭৪০৮, বাংলাদেশ।



Office of the Registrar Jashore University of Science and Technology Jashore-7408, Bangladesh

Memo No-JUST/Reg.(Aca.)/1423/M.Phil & Ph.D Admission Circular/2019-1503

Date: 10/04/2023 Admission Circular

Applications are invited for admission in the full-time/part-time M.Phil and Ph.D program at Accounting and Information Systems(AIS), Finance and Banking(FB), Management(MGT) and Marketing(MKT) departments and the full-time M.Phil and Ph.D program at Environmental Science and Technology (EST), Microbiology (MB), Fisheries and Marine Bioscience (FMB), Genetic Engineering and Biotechnology (GEBT), Nutrition and Food Technology (NFT), Pharmacy (Pharm), Physical Education and Sports Science (PESS), Physics (Phy), Chemistry (Chem), Mathematics (Math), English (Eng), Agro Product Processing Technology (APPT), Physiotherapy and Rehabilitation (PTR), Climate and Disaster Management (CDM) Nursing and Health Science (NHS) departments and the full-time/part-time Ph.D program at Computer Science and Engineering (CSE), Chemical Engineering (ChE), Industrial and Production Engineering (IPE), Petroleum and Mining Engineering (PME), Electrical and Electronic Engineering (EEE), Biomedical Engineering (BME) and Textile Engineering (TE) departments and the full-time M.Phil program at Computer Science and Engineering (CSE), Chemical Engineering (ChE), Industrial and Production Engineering (IPE), Petroleum and Mining Engineering (PME), Electrical and Electronic Engineering (EEE), Biomedical Engineering (BME) and Textile Engineering (TE) departments in the July-2023 semester of 2023-2024 academic year.

(Full-time/ Part-time M.Phil and Ph.D Program)

General qualifications, conditions and the process of admission form collection and submission of the M.Phil and the Ph.D program are available in the university website (https://just.edu.bd) or in the respective departments.

The application form has to be filled-up properly and submitted to the respective department by 17/05/2023 (excluding

Registrar

Jashore University of Science and Technology

Government of the People's Republic of Bangladesh Upazila Health Complex Gowainghat Gowainghat, Sylhet.

Memo no. UHC/Gowain/MSR/2023/210

Date: 13/04/20223

Tender Notice 2022-2023 (OTM)

| SI. No. | Tender ID | Name of Goods | Tender/Proposal Publication Date and Time | Tender/Proposal Last Selling Date & Time | Tender/Proposal Closing/ Opening Date & Time |
|------------|--------------|--|---|--|--|
| 1 | 790413 | Procurement of Medicine for the F.Y 2022-2023 at Gowainghat Upazila Health Complex, Sylhet. | 13-Apr-2023 12:00 | 26-Apr-2023 16:00 | 27-Apr-2023 12:00 |
| 2 | 790414 | Procurement of Medical Equipment for the F.Y 2022- 2023 at Gowainghat Upazila Health Complex, Sylhet. | 13-Apr-2023 12:00 | 26-Apr-2023 16:00 | 27-Apr-2023 12:00 |
| 3 | 790415 | Procurement of Gauge, Bandages and Cotton for the F.Y 2022-2023 at Gowainghat Upazila Health Complex, Sylhet. | 13-Apr-2023 12:00 | 26-Apr-2023 16:00 | 27-Apr-2023 12:00 |
| 4 | 790416 | Procurement of Linen for the F.Y 2022-2023 at Gowainghat Upazila Health Complex, Sylhet. | 13-Apr-2023 12:00 | 26-Apr-2023 16:00 | 27-Apr-2023 12:00 |
| 5 | 790417 | Procurement of Chemical Reagent for the F.Y 2022-2023 at Gowainghat Upazila Health Complex, Sylhet. | 13-Apr-2023 12:00 | 26-Apr-2023 16:00 | 27-Apr-2023 12:00 |
| 6 | 790418 | Procurement of Medical Furniture for the F.Y 2022-2023 at Gowainghat Upazila Health Complex, Sylhet. | 13-Apr-2023 12:00 | 26-Apr-2023 16:00 | 27-Apr-2023 12:00 |

This is an online Tender, where only e-Tenders will be accepted in National e-GP Portal and no offline/ Hard copies will be accepted. To submit e-tender, please registration in the national e-GP system portal (https://www.eprocure.gov.bd) is required. The fees for Tender-Proposal document to be deposited online through any registered Banks branches. Further information and guidelines are available in the national e-GP system Portal and from e-GP help desk (helpdesk@eprocure.gov.bd).

> (Dr. Moshiur Rahman) UH&FPO Upazila Health Complex Gowainghat Gowainghat, Sylhet.

Government of the people's Republic of Bangladesh Directorate of Technical Education F-4/B, Agargaon, Dhaka-1207 Phone: 02-41024597, E-mail: advocddo@gmail.com

Invitation for Tenders

| 1 | Ministry/I | Division | Ministry of Education, Technical and Madrasah Education Division | | | | |
|-----|---|--|---|---|--|--|--|
| 2 | Agency | | Directorate of Technical Education | | | | |
| 3 | Procuring | Entity Name | Director (Vocational) | | | | |
| 4 | Invitation | | Supply of Manpower through outsourcing in the newly launched 3rd phas- | | | | |
| | - | | 15 Technical School and College (TSC) at different upzilla. | | | | |
| 5 | Invitation | Ref No | 57.03.0000.027.07.022.23.167 | | | | |
| 6 | Date | | 12.04.2023 | | | | |
| KEY | INFORMA | TION | | | | | |
| 7 | Procurem | ent Method | Open Tendering Meth | od (OTM) | | | |
| FUN | DING INFO | ORMATION | * | | | | |
| 8 | Budget ar | d Source of Funds | GoB | | | | |
| 9 | Tender Pa | ackage No. | DTE/VOC/OUTSOURCING/2022_2023 | | | | |
| 10 | Tender Pa | ackage Name | Supply of Manpower through outsourcing in the newly launched 3rd phas 15 Technical School and College (TSC) at different upzilla. | | | | |
| 11 | | ıblication Date | 16.04.2023 | | | | |
| 12 | | elling Date | 16.04.2023 | | | | |
| 13 | Last Selling of Tender Document Date (must be the date prior to the day of Tender Closing Date) | | Date : 30.04.2023, Time: 4:00 PM | | | | |
| | | | Date | Time | | | |
| 14 | | osing Date and Time | 02.05.2023 | 02:00 PM | | | |
| 15 | | ening Date and Time e hour of Tender Closing) | 02.05.2023 | 02:30 PM | | | |
| 16 | Pre Tende | er meeting Date and Time | 27.04.2023 | 11.30 AM | | | |
| 17 | Name & Address of the office(s) | | Address | | | | |
| | -Selling Tender Document (Primary Place) | | Director (Vocational), Directorate of Technical Education Accounts Section, 3 rd Floor, Room No.: 311, F-4/B, Agargaon, Dhaka-1207. | | | | |
| | - Selling Tender Document (Secondary Place) | | Principal, Technical Teachers Training College, Tejgaon, Dhaka-1208. | | | | |
| | - Receiving Tender Document | | Director (Vocational), Directorate of Technical Education 1st Floor, Room No.: 212, F-4/B, Agargaon, Dhaka-1207. | | | | |
| | - Opening Tender Document | | Director (Vocational), Directorate of Technical Education 1st Floor, Room No.: 212, F-4/B, Agargaon, Dhaka-1207. | | | | |
| INF | ORMATION | FOR TENDERERS | | | | | |
| 18 | Eligibility | of Tenderers | As per TDS | | | | |
| 19 | Brief desc | cription of services | Guard category 5, Cle | eaner category 5) throu | operator category 1, Securi agh outsourcing in the new ad College (TSC) at differe | | |
| 20 | Price of Tender Document (tk.) | | 2000.00 (Taka two thousand only) | | | | |
| 21 | Package No | Identification of package | Location | Tender security amount (tk.) | Completion time in weeks months | | |
| | 01 | DTE/VOC/OUTSOURCING /2022_2023/ | Director(Vocational), Directorate of Technical Education | 3,60,000/- (Taka three lac sixty thousand only) | Within 10 (ten) days after signing contract | | |
| 22 | The Procu | ring entity reserves the right | to reject all the tenders | or annul the tender or | oceedings | | |
| 23 | | NG ENTITY DETAILS | to reflect an the renders | or ammu are remuel pr | occountys | | |

Joint Secretary Director (Vocational) Directorate of Technical Education Phone:02-41024597 E-mail: advocddo@gmail.com