

Artificial Intelligence

Outline

1- Introduction

- (a) Definition
- (b) overview of the historical development AI
- (c) Types of AI
 - (i) Narrow AI
 - (ii) General AI
 - (iii) Super AI

2- Application of AI

- (a) Health Care
- (b) Finance
- (c) Education
- (d) Entertainment

3- Science and Technology Growth in Pakistan

4- ~~RESEARCH~~ Use of AI in Education

- (a) Chat GPT Used for Paper research
- (b) Immediate feedback and Progress tracking
- (c) Automation of grading and Assessment Process
- (d) Ethical AI Development
- (e) Improved surveillance and threat Detection capabilities
- (f) Adaption of AI in new educational domain

5- Risks Associated with AI

(a) Challenges in Education

- (i)
- (ii) Loss of Autonomy in Decision making
- (iii) Bias in algorithm affecting student evaluation
- (iv) Lack of comprehensive regulating governing AI in Education
- (v) Invasion of Privacy through Data collection
- (vi) Erosion of student teacher relationship

(b) Social and Political Challenges

- (i) Jobs insecurity
- (ii) Unemployment
- (iii) Spread of vulgar content
- (iv) Social isolation
- (v) Loss of Human control
- (vi) Geopolitical tensions related to AI leadership
- (vii) Automation of weapons
- (viii) Risks associated with AI Driven military Technology

6- way Forward: Using AI Responsibly

- (a) Legal frame work and regulations
- (b) Public Awareness and Advocacy

7- CONCLUSION

Good Governance

Outline

1 - Introduction

2 - Brief history of the Pakistan Government

3 - Why Good Governance is needed

(a) - To end Political instability

(b) - To enhance the abilities of both Public and Private Sectors

(c) - To ensure Peace in country

4 - causes of bad Governance

(a) - Political instability

(b) - Incompetent Judiciary

(c) - Vacuum of Democratic leadership

(d) - Trade deficit

(e) - Military intervention

(f) - Corruption

5 - Remedial measures

(a) Democracy must be introduced

(b) military intervention must be discouraged

(c) Strengthening Public and Private institutions

(d) Promote industries.

6 - conclusion

Economic Challenges faced by Pakistan

Outline

1- Introduction

2- Brief History about Economy of Pakistan

3- Challenges Faced by Pakistan

(a) - Energy crisis

(b) - Inflation

(c) - Trade deficit

(d) - Our imports are more than exports

(e) - Agriculture decline

(f) - Industrial decline

(g) - Devaluation of money

(h) - Corruption

4 - Causes of Economic Problem

(a) - Expensive agreement with IPPs

(b) - Political instability

(c) - Incompetent Judiciary

(d) - Vacuum of Democratic leadership

(e) - Military interventions

(f) - External debt

(g) - Weak education system

5- way forward: To mitigate problems

- (a) - mitigate intervention must Discussed
- (b) - Convert cheaper energy sources
- (c) - Improve industries Processes
- (d) - Strengthening institution
- (e) - Remove subsidies

6- Conclusion

Information technology ; A curse or blessing

Outline

1- Introduction

2- World as global village

3- scope of information technology in Pakistan

4- Benefits of information technology

(a) - Social media as a source of connecting people

(b) - It provide opportunities for business

(c) - It provide social shopping sites (Amazon)

(d) - Opportunities for online trading

(e) - Video calling facility

(f) - saver of Time

(g) - Reducing communication barriers

5- Disadvantages of IT

(a) - Weakening family bonds

(b) - Decrease traditional get together

(c) - Decline in sports activities

(d) - Social isolation

(e) - Spreading vulgar content through mass media - IT

6- Recommendation for elimination of harmful impacts

(a) - Public Awareness campaigns

(b) - Effective role of regulatory authorities

(c) - Ban on vulgar content.

7- Conclusion

Global Warming

Outline

1- Introduction

2- kinds of Pollution

(a) - Atmospheric Pollution

(b) - water Pollution

(c) - Soil Pollution

(d) - Noise Pollution

3- Causes of climate change

(a) - Combustion of fossil fuels

(b) - Massive Deforestation

(c) - Urbanization

(d) - Wild fire

(e) - Volcanose

(f) - Rapid industrialization

(g) - Green house Effect

(h) - Green house Gases

4- State of Pollution in Pakistan

(a) - Industries

(b) - Agriculture

(c) - Urban

5- Effect of global warming

- (a) - Effect on social life
- (b) - Effect on Economic
- (c) - Effect on Agriculture
- (d) - Effect on environment

6- Measure to control Pollution

- (a) - Kyoto Protocol
- (b) - COP-27 and COP-28
- (c) - International Conference on Pollution Control 2017

7- Remedise

- (a) - Transition energy sources
- (b) - Reforestation
- (c) - Controlling Population
- (d) - Sustainable Urbanization
- (e) - Use electric vehicles

8 - Conclusion