

# Artificial Intelligence

## Outline

### 1- Introduction

- (a) Definition ✓
- (b) overview of the historical development of 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) **Biasness** 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 **Unethical** 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 regulation ✓
- (b) Public Awareness and Advocacy ✓

## 7- Conclusion



# Good Governance

## Outline

1 - Introduction ✓

2 - Brief history of the Pakistan's 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 (Weak economic condition)

(e) - Military intervention ✓

(f) - Corruption ✓

5 - Remedial measures

(a) Democratic culture must be introduced

(b) military intervention must be discouraged

(c) Strengthen 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~~ **Trade deficit**
- (e) - Agriculture Decline ✓
- (f) - Industrial Decline ✓
- (g) - Devaluation of **money** **currency** ✓
- (h) - Corruption ✓

### 4 - Causes of Economic Problem

- (a) - Expensive Agreement with IPPs ✓
- (b) - Political Instability ✓
- (c) - Incompetent Judiciary ✓
- (d) - Vacume of Democratic leadership ✓
- (e) - Military interventions ✓
- (f) - External debt ✓
- (g) - Weak Education System ✓



## 5- Way forward: To mitigate problems

- (a) - ~~mitigate~~ intervention must Discard ✓
- (b) - ~~Control~~ Explore cheaper energy sources  
Industrial
- (c) - Improve Industrial Processes ✓
- (d) - Strengthening institutions
- (e) - Remove Subsidies ✓

## 6- Conclusion



# Information technology ; A curse or blessing

## Outline

1- Introduction ✓

2- World as global village ✓

3- scope of information technology ✓ 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~~ **online businesses** (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 lif
- (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

Keep writing