



# Working with The Armed Forces

Lt Gen K R Rao, PVSM, AVSM, VSM  
(Retired)



# SUMMATION

Pleasure

for

The Honest, Sincere, Non-Corrupt

Pain

for

All Others.

**THANK YOU**



# Basics of MES


1. Provision to all 3 services and DRDO.
2. The revised DWP 2007 issues on 21 jun 2007.
3. Under E-in-C. Advises MoD and the 3 Services on peacetime and operational construction activities – Design, Construction and Maintenance. Nation Building and Disaster Mitigation.
4. Outlay 30,000 cr.
5. 600 plus stations. Works are under contracts under supervision of Army and MES Engineers.

# PEACETIME AND OPERATIONAL ACTIVITIES (SIMPLE TO COMPLEX)

- Residences.
- Offices.
- Runways.
- Hospitals.
- Roads.
- Marine structures like Docks, Harbours.
- Laboratories.
- Air-conditioning, Electricity, Water storage and supply, Sewerage, Cold Storages.

# PEACETIME AND OPERATIONAL ACTIVITIES (SIMPLE TO COMPLEX)

(a) **Original works**, for provision of buildings, docks, airfields etc, together with accessory services such as roads, electric and water supply, drainage, furniture, etc., and also internal fixtures generally.





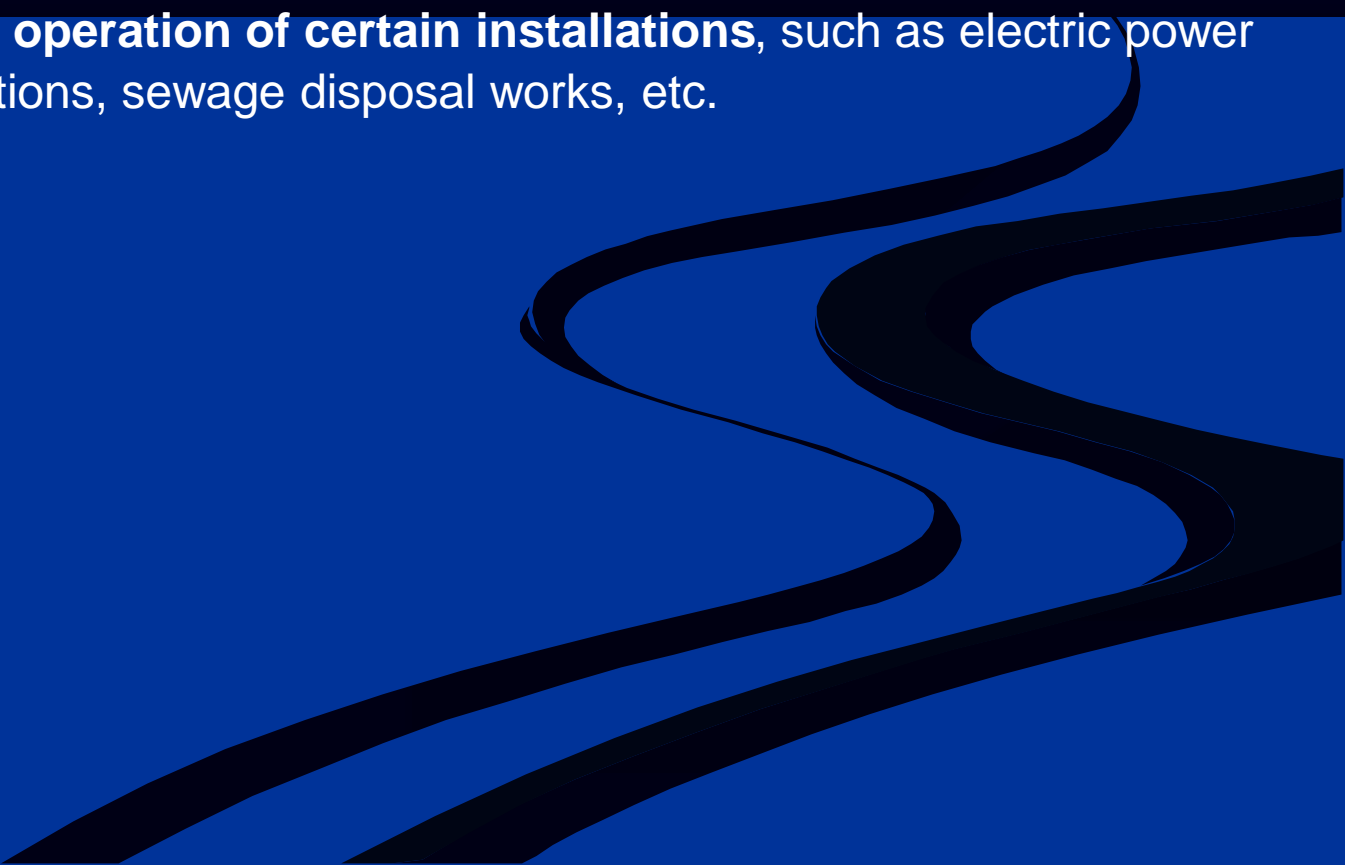
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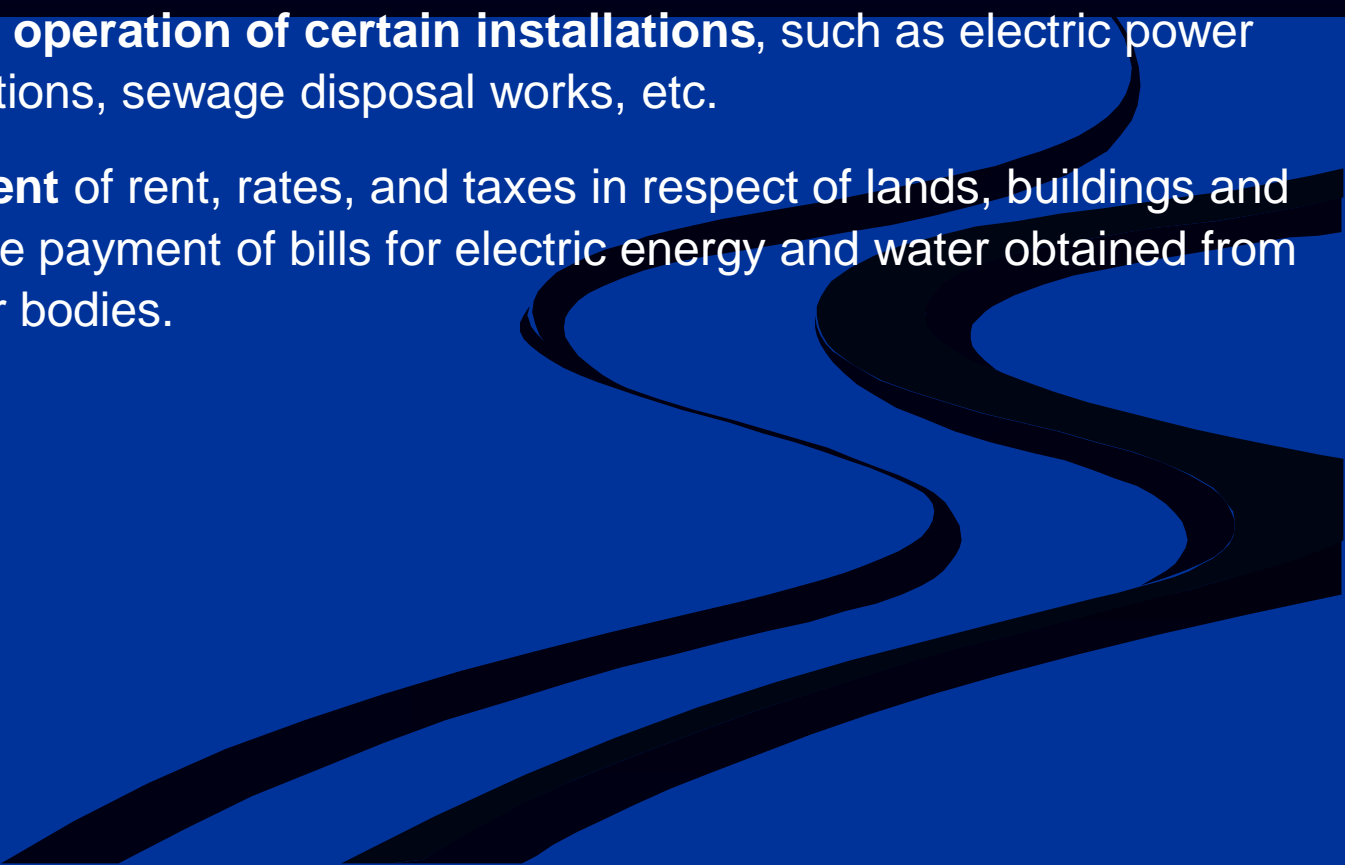
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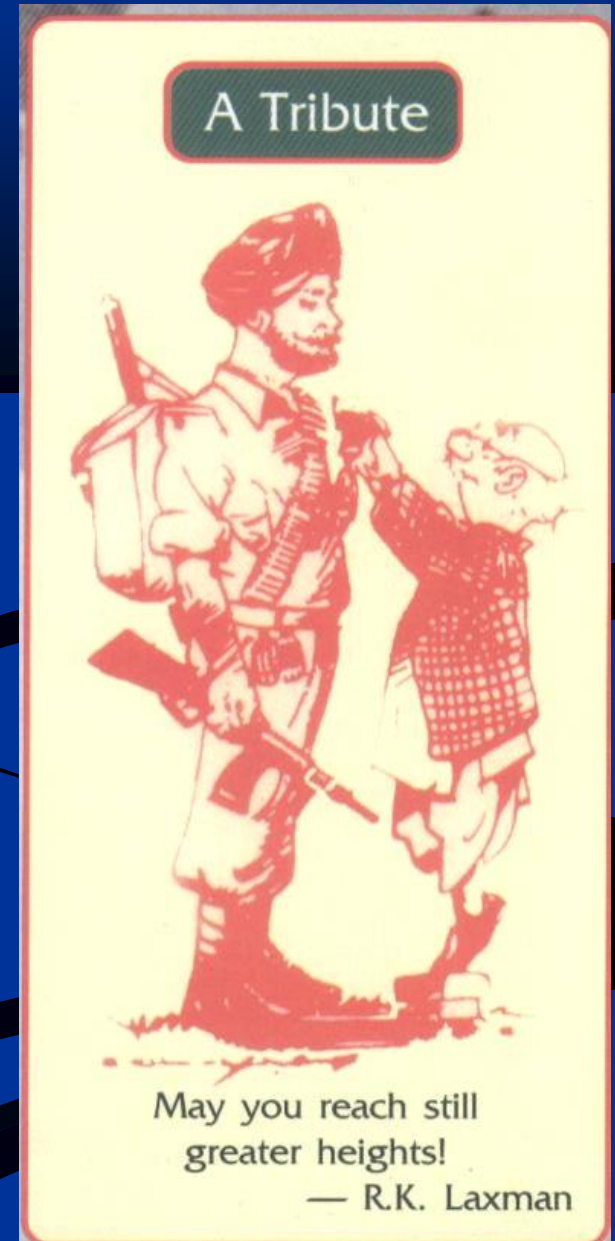
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- (f) **Provision and holding** of stores, plant and machinery required for works, Engineer units and mobilisation reserves.
- (g) **Caretaking of Defence Services buildings**, airfields, etc' when not in use.

# ENVIRONMENTAL INITIATIVES

- Energy conservation.
- Renewable energy and green technology.
- Solar energy power projects. LED lights.
- 2 major natural disasters faced by the country i.e. Cyclone 'HUD HUD' and the floods in J & K.
- MES teams also provided valuable technical assistance during Nepal Earthquake for early restoration of electric supply. Tunnel Retrieval.

# Indian Armed Forces

- **Premier institution of the State.**
- **Immense contribution to Nation Building.**
- **Secular character of the Army, insurmountable passion for the Nation, well recognized.**
- **Beacon of National Solidarity.**







TOGETHER WE PRAY



IN SPIRIT WE UNITE!

PRESENTED BY  
SARVA DHARM STHAL  
VIJAY SARVATRA PARIVAAR

# **ROLE OF THE ARMED FORCES**

**❑ PRIMARY ROLE - TO DEFEND THE TERRITORIAL INTEGRITY OF OUR COUNTRY FROM EXTERNAL AGGRESSION.**

**❑ SECONDARY ROLE- TO PROVIDE AID TO THE CIVIL AUTHORITIES DURING INTERNAL DISORDERS OR NATURAL CALAMITIES BEYOND THE CAPABILITY OF OTHER MACHINERY.**



**INDIAN ARMY**

The image features the text "INDIAN ARMY" in a bold, yellow, sans-serif font with a slight 3D effect. The text is centered horizontally and positioned in the upper half of the frame. The background is a solid blue. A stylized, wavy line in black and white, resembling a ribbon or a path, curves from the bottom right towards the center, partially overlapping the text. The line has a thick black outer edge and a white inner edge, creating a sense of depth and movement.

# INDIAN ARMY

- ❑ **THIRD LARGEST STANDING ARMY IN THE WORLD.**
- ❑ **EXPERIENCED IN FOUR MAJOR WARS -47-48, 62, 65 AND 71.**
- ❑ **LATEST MAJOR INVOLVEMENT IN KARGIL WAR.**
- ❑ **HEAVILY COMMITTED IN COUNTER INSURGENCY OPS IN J&K AND THE NORTH EAST. MOST EXPERIENCED ARMY IN THE WORLD.**
- ❑ **MANS THE BOUNDARIES WITH FIVE DIFFERENT NATIONS - CHINA, PAK, BANGLADESH, NEPAL & BHUTAN.**
- ❑ **ALL ENCOMPASSING TERRAIN & CLIMATIC CONDITIONS**
  - ❑ **SNOW-COVERED MOUNTAINS IN THE NORTH**
  - ❑ **A LONG SHORE LINE AND ISLAND TERRITORIES IN THE SOUTH**
  - ❑ **THICK RAIN FED MOUNTAINOUS JUNGLES IN THE EAST,**
  - ❑ **DESERT TERRAIN IN THE WEST**
- ❑ **INDIAN ARMY COMPRISES OF :-**



# INFANTRY





# AIR BORNE INFANTRY





# SPECIAL FORCES





# MECHANIZED INFANTRY

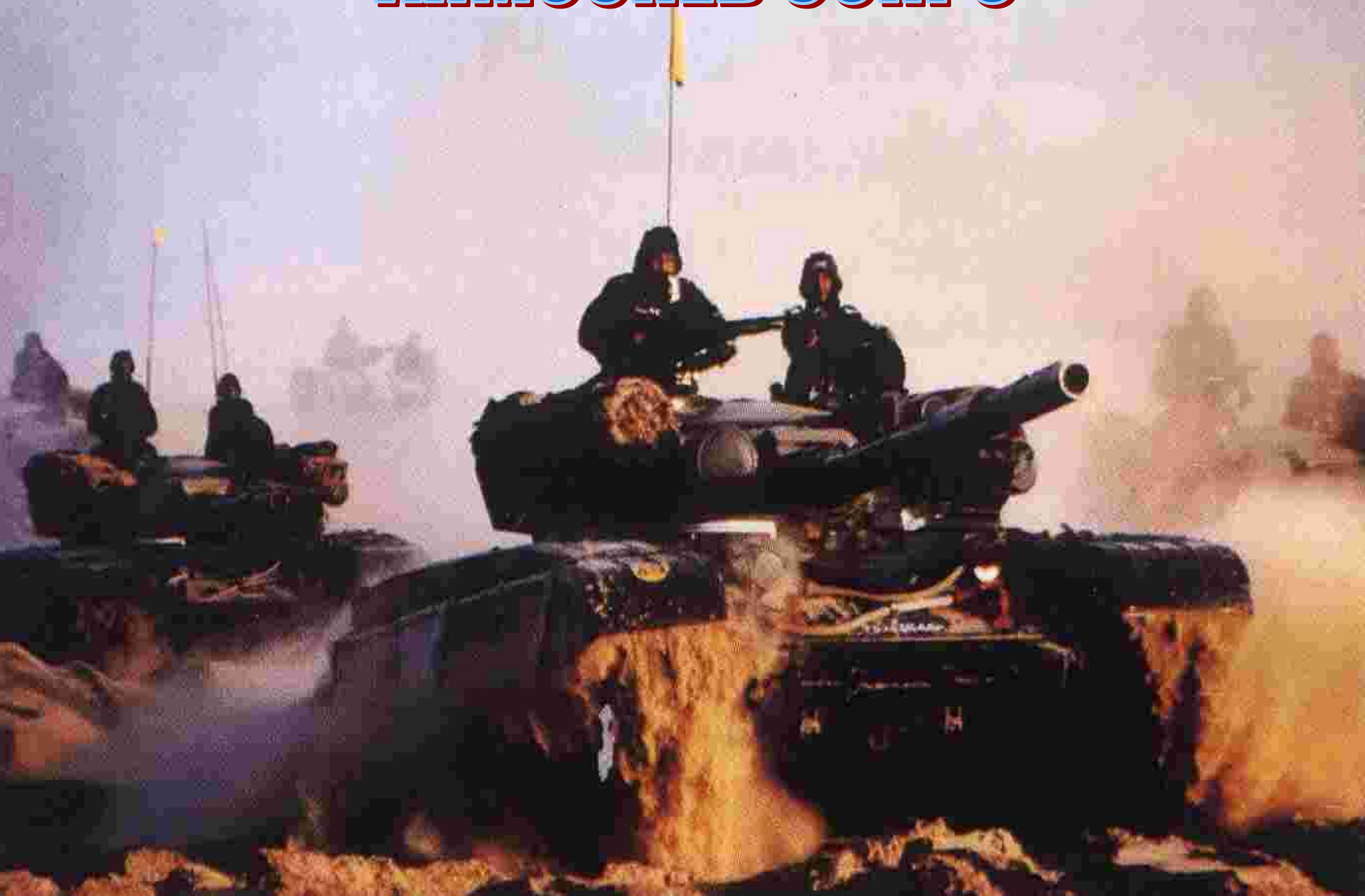








# ARMOURED CORPS







# ARTILLERY



# MULTI BARREL ROCKET LAUNCHERS



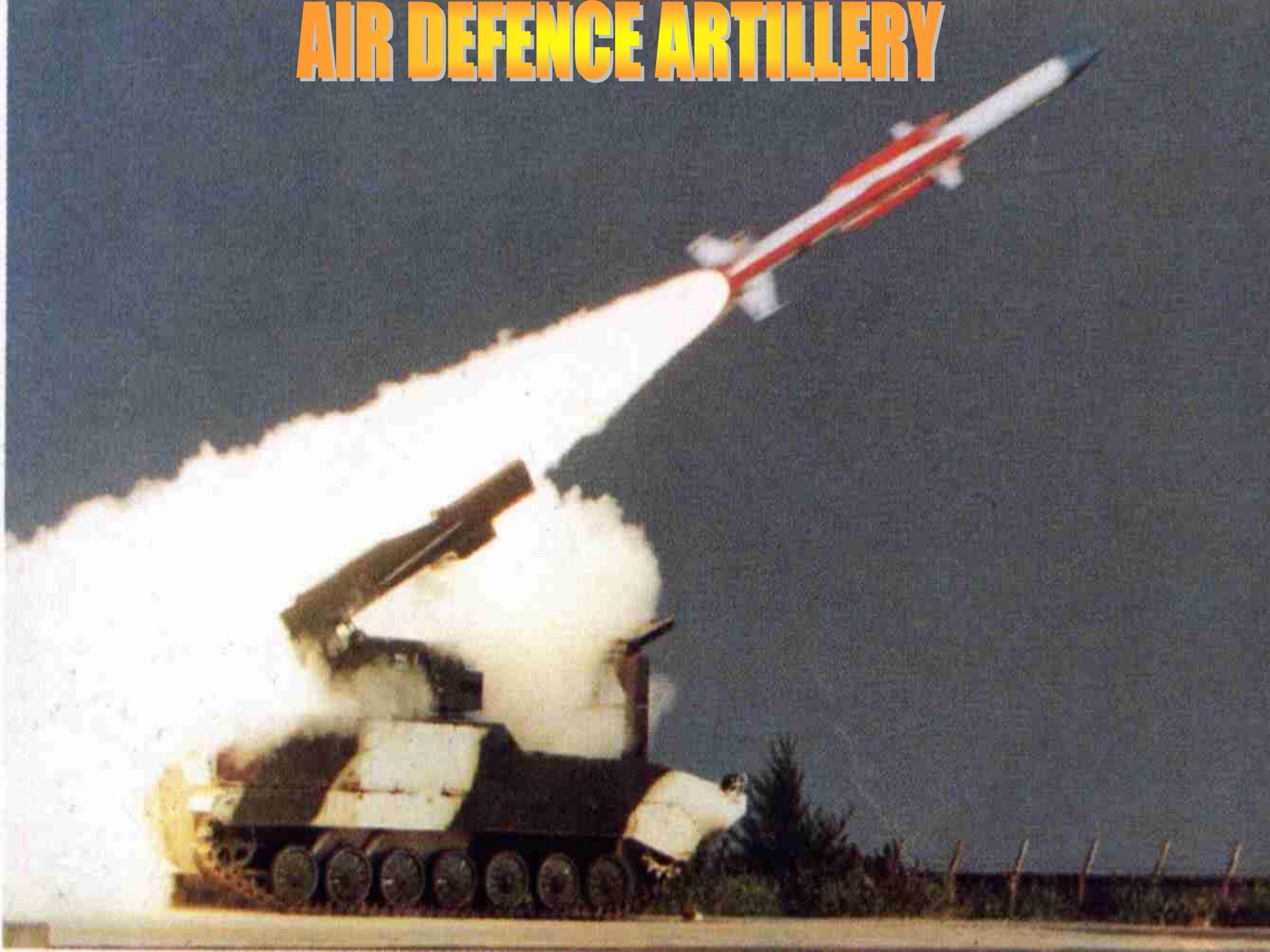


# MISSILE SYSTEMS



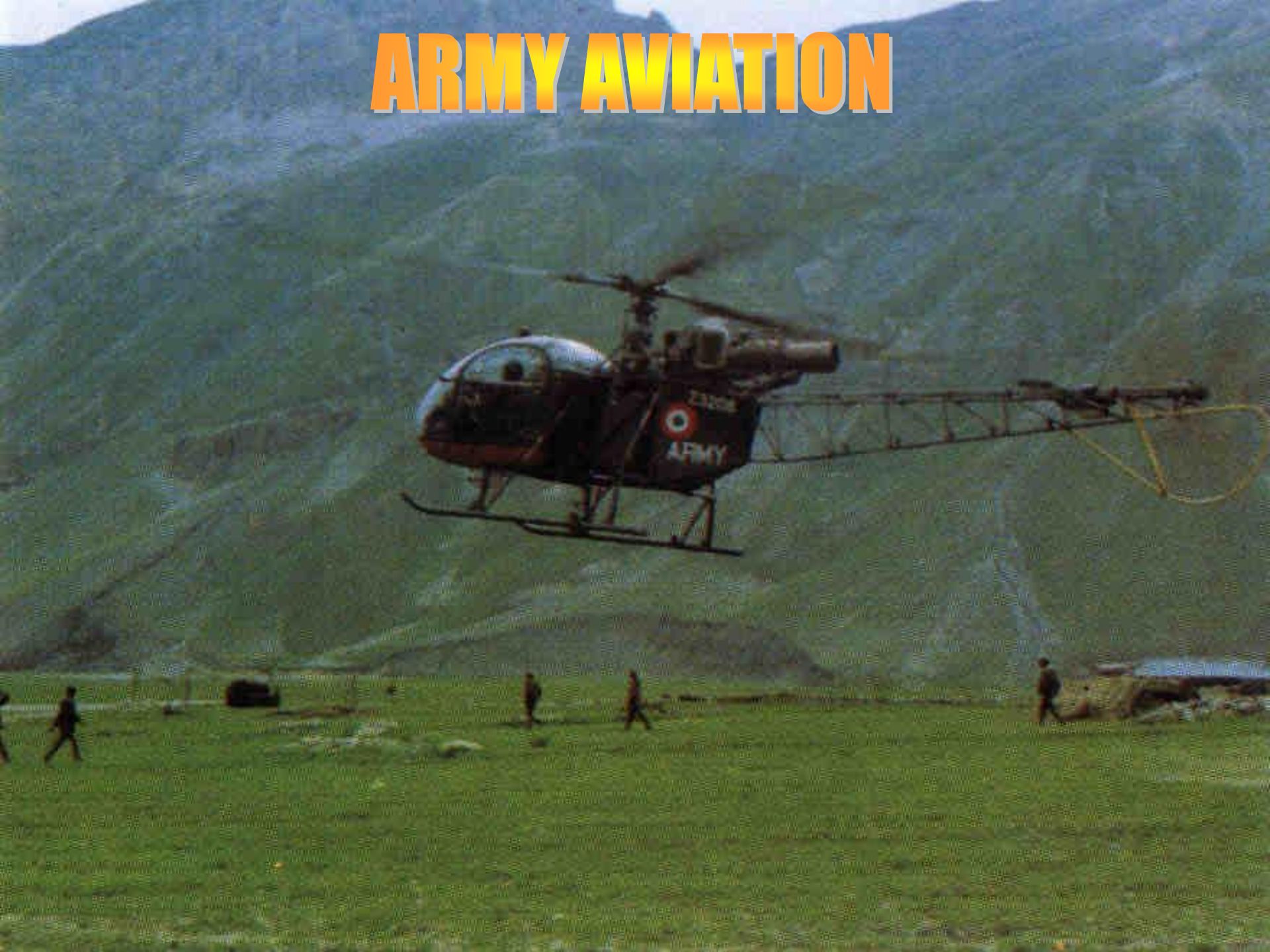


# AIR DEFENCE ARTILLERY



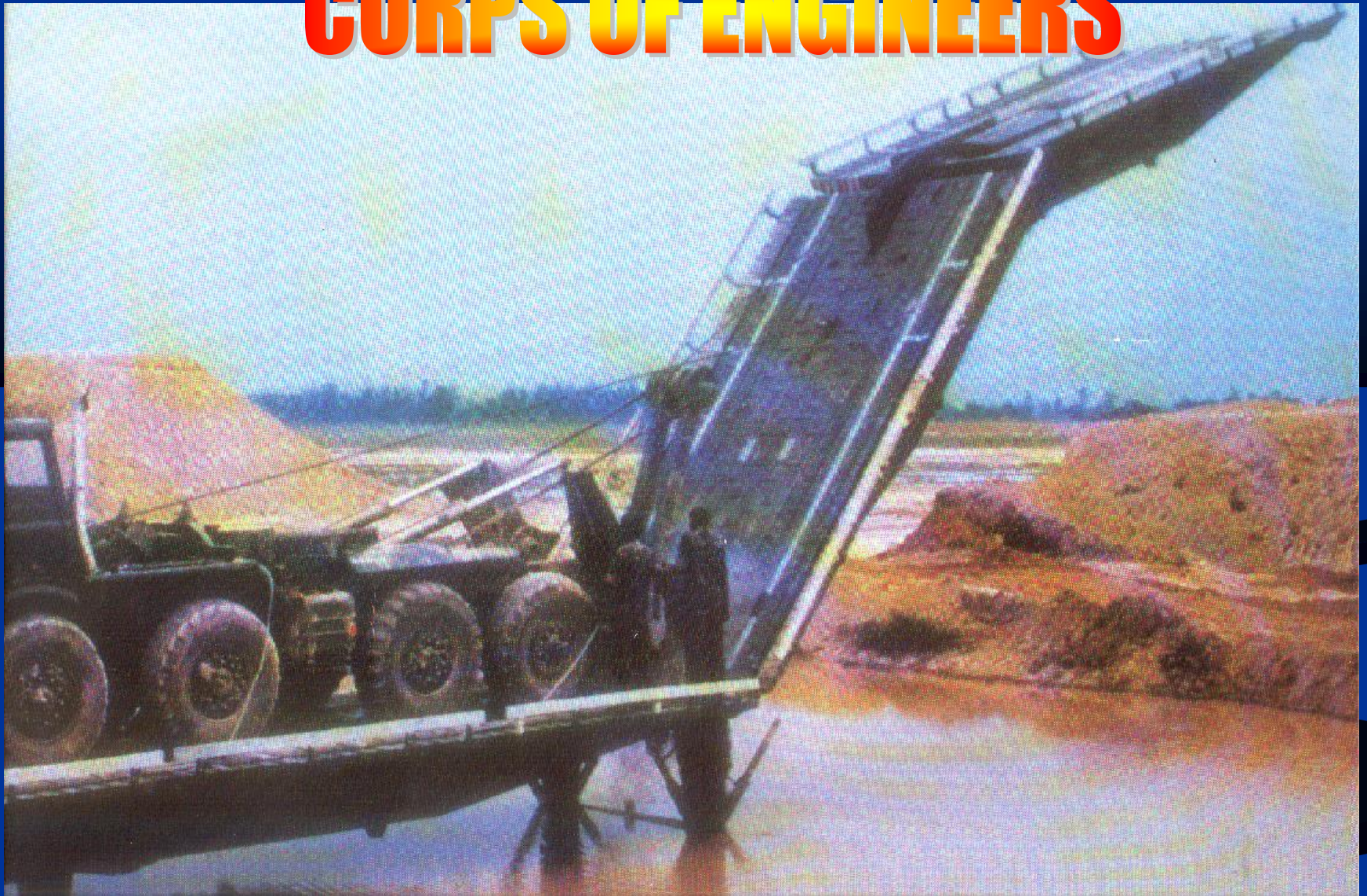


# ARMY AVIATION





# CORPS OF ENGINEERS





# CORPS OF SIGNALS



# SERVICES

ARMY SUPPLY CORPS.

ARMY ORDNANCE CORPS.

CORPS OF ELECT & MECH ENGINEERING.

ARMY MEDICAL CORPS.

ARMY DENTAL CORPS.

ARMY POSTAL SERVICES.

MILITARY FARMS.

ARMY EDUCATION CORPS.


PIONEER CORPS.

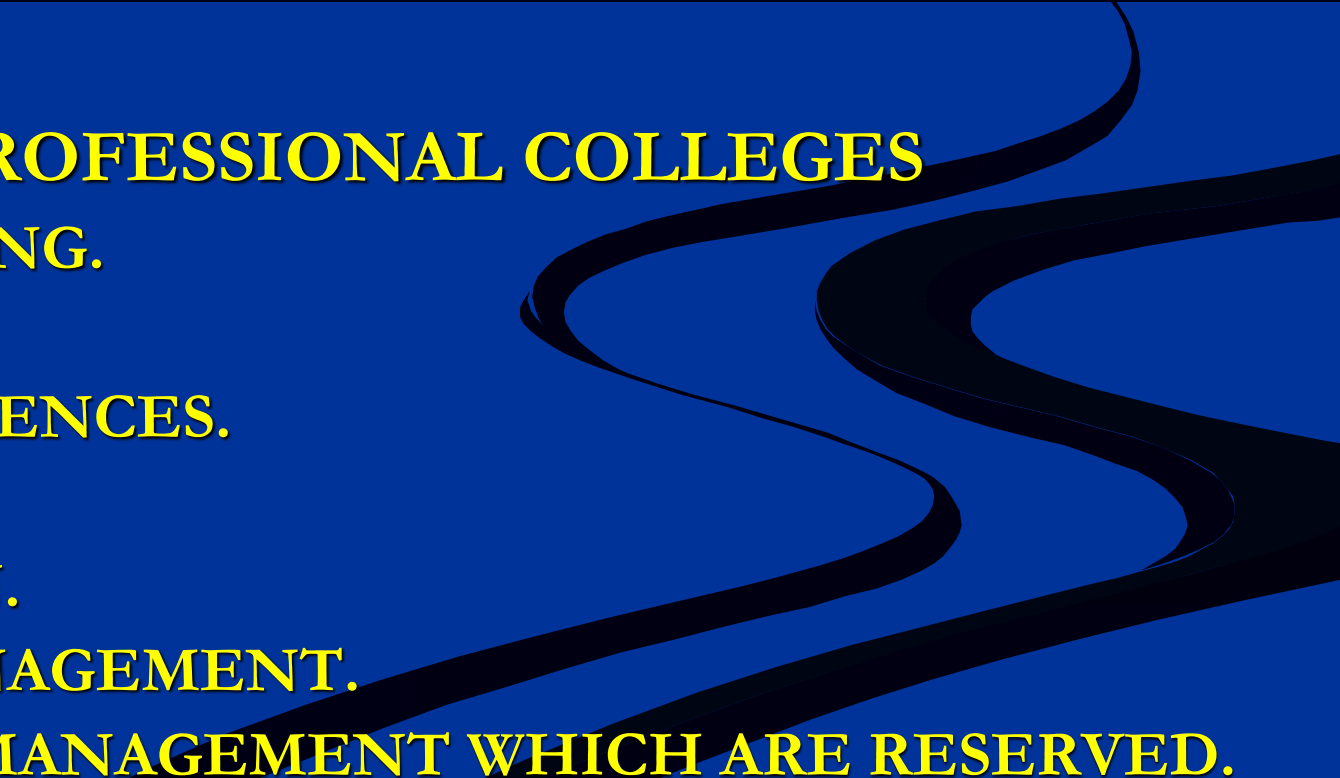
INTELLIGENCE CORPS

# HUMAN RESOURCE

- THIRD LARGEST ARMY OF THE WORLD.
- PRIDE IN THE QUALITY OF HR.
- ALWAYS MAN BEHIND THE MACHINE WON BATTLES.
- THE INDIAN SOLDIER INTERNATIONAL FAVORITE
  - TOLERANCE
  - ADAPTABILITY
  - RESOURCEFULNESS
  - LOYALTY
  - DISCIPLINE AND HUMAN SENSITIVITIES.

# A WAY OF LIFE

- ATTRACTIVE PAY AND PERKS.
  - ARMY PROVIDES NO OTHER PROFESSION CAN.
    - A GREAT LIFE-STYLE.
    - THE FINEST CLUBS.
    - HOSPITALS.
    - GOLF COURSES.
    - SCHOOLS IN THE COUNTRY.
- 

- YOU AND YOUR FAMILY WILL GET A CHANCE TO SEE THE COUNTRY AND POSSIBLY EVEN ABROAD.
  - MEET AND INTERACT WITH THE BRIGHTEST MINDS FROM DIFFERENT FIELDS.
  - ARMY HAS PROFESSIONAL COLLEGES
    - ENGINEERING.
    - MEDICINE.
    - DENTAL SCIENCES.
    - LAW.
    - EDUCATION.
    - HOTEL MANAGEMENT.
    - MATERIAL MANAGEMENT WHICH ARE RESERVED.
- 



## ■ ADD TO THIS:

- ACCOMMODATION.
- MEDICAL FOR SELF AND YOUR FAMILY.
- CANTEEN.
- GROUP HOUSING SCHEMES.
- LOANS FOR SCOOTER OR CAR OR HOUSE.
- GROUP INSURANCE COVER.

THE ARMY TAKES CARE OF YOU AND YOUR  
FAMILY LIKE NO OTHER ORGANIZATION

**MANY OF THESE FACILITIES ARE FOR LIFE**




# ADVENTURE & SPORTS

IF YOU'RE INTO ADVENTURE AND SPORTS, THERE'S NO PLACE LIKE THE ARMY. POLO, MOUNTAINEERING, RIVER RAFTING, GLIDING, TREKKING, SKY-DIVING, PARASAILING, SHOOTING, SKIING, AND MANY MORE.

YOU'LL BE LEADING A HEALTHY LIFE IN A HEALTHY ENVIRONMENT.

IN WHICH OTHER CAREER WOULD YOU HAVE ACCESS TO ALL THIS RIGHT FROM DAY ONE ?

# NATIONAL SECURITY

- Internal Security.
  - External Security.
  - Kautilya
    - Internal.
    - External.
    - Internally Aided External.
    - Externally Aided Internal.
- 
- A decorative graphic consisting of several thick, dark blue wavy lines that flow from the right side of the slide towards the bottom left, creating a sense of movement and depth against the solid blue background.

# INTERNAL CHALLENGES

**J & K**

**NORTH EAST**

**LEFT WING  
EXTREMISM**

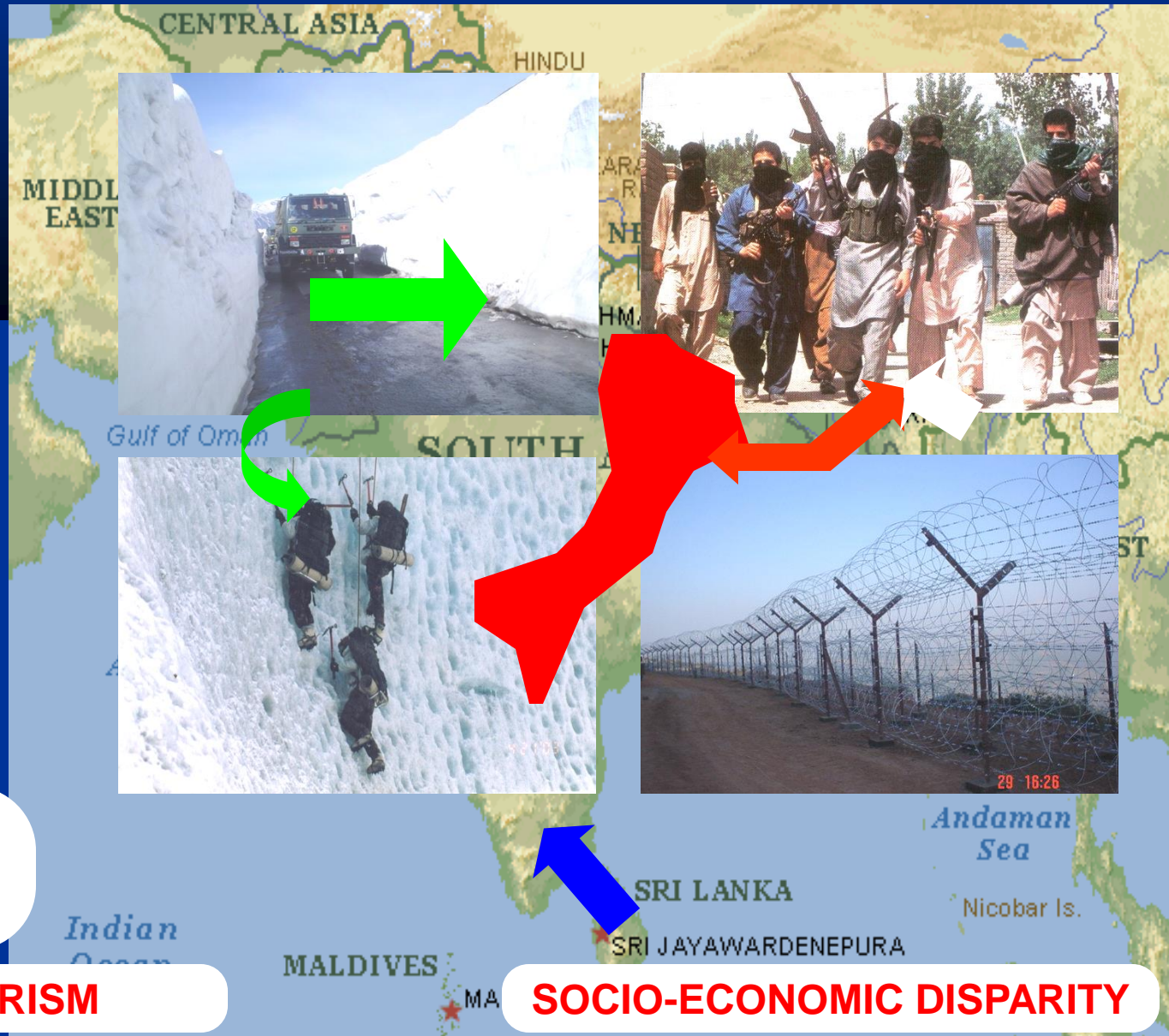
**ETHNO-  
COMMUNAL  
STRIFE**

**TRANS  
BORDER  
MIGRATION**

**DIVISIVE  
ELECTORAL  
POLITICS**

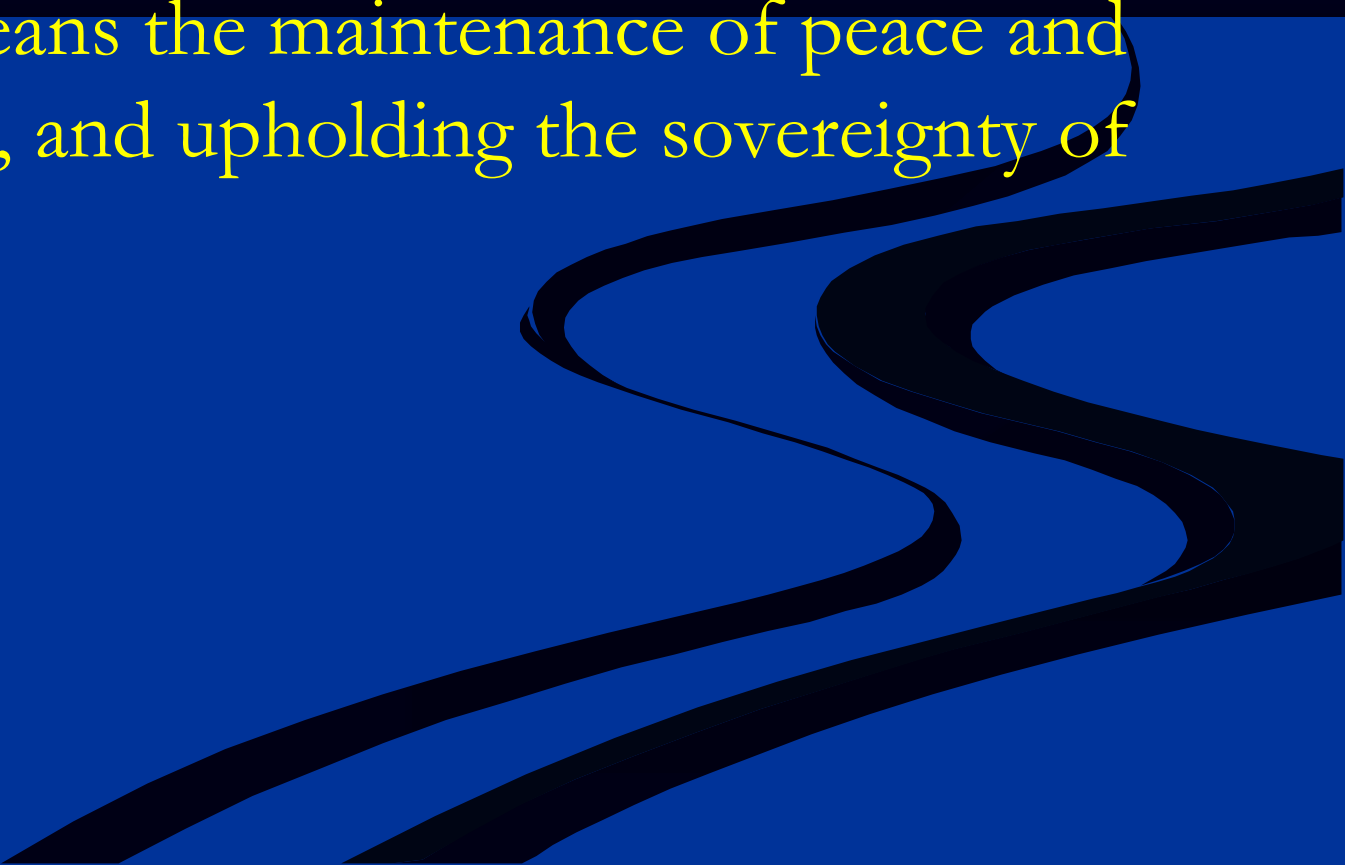
**DRUG  
TRAFFICKING &  
NARCO TERRORISM**

**CYBER TERRORISM**



# DEFINITION

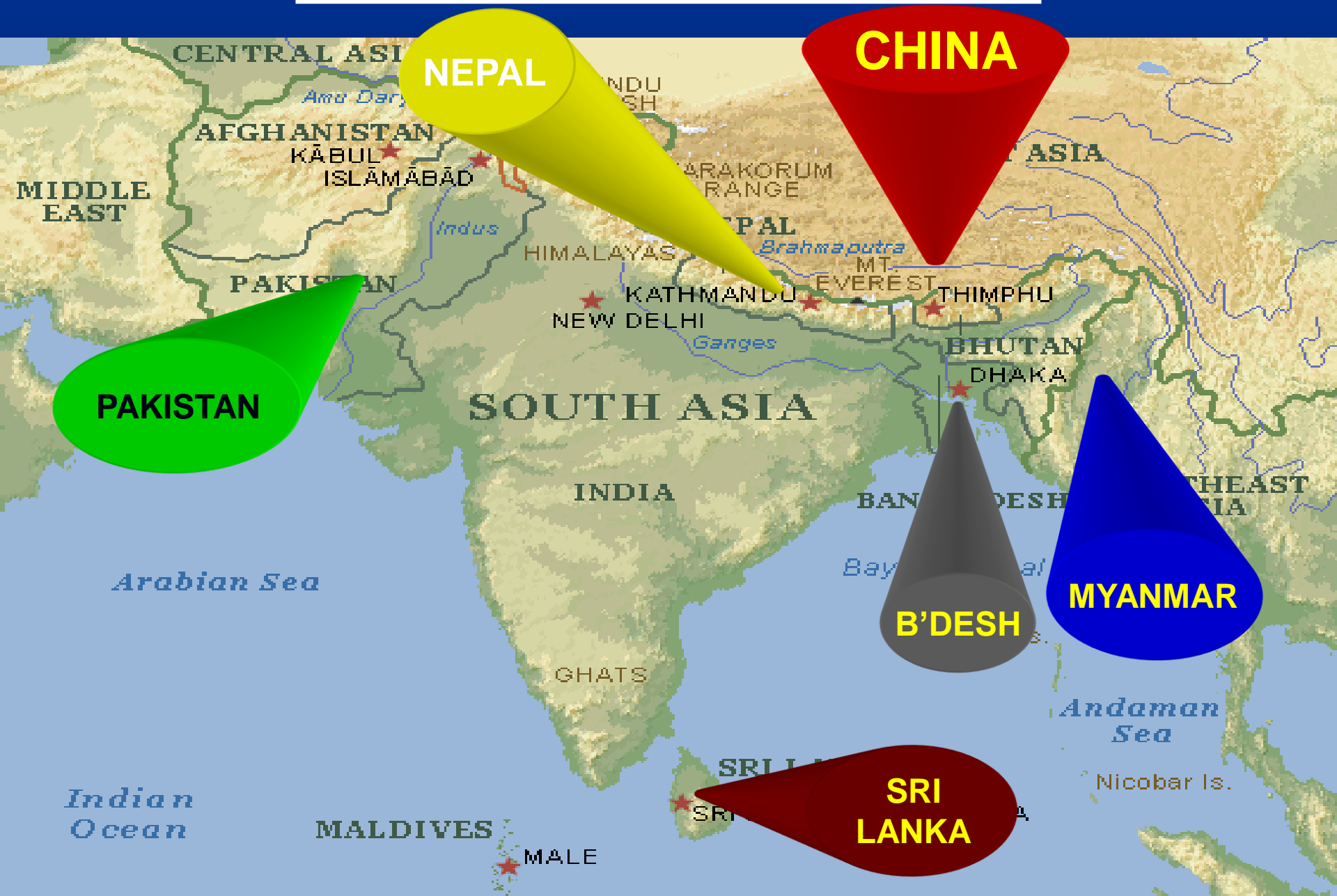
Internal security can be defined as the management of security within the border of a country. It means the maintenance of peace and law and order, and upholding the sovereignty of the country.




# IMPORTANT ASPECTS OF INTERNAL SECURITY

- Upholding the rules and laws .
- Protecting India's national sovereignty.
- Securing the territorial integrity of India.
- Promoting India's place in international affairs.
- Ensuring a peaceful internal environment within India.
- Creating a climate for our citizens that is just, equitable, prosperous, and shields them from risks to life and livelihood.

# EXTERNAL CHALLENGES



# INDIA - HIGHLIGHTS

- Not a part of any major military alliance.
  - Close strategic and military relationship with most of the fellow major powers.
  - Countries considered India's closest include the
    - ✓ United Arab Emirates
    - ✓ Russian Federation
    - ✓ Israel
    - ✓ Afghanistan
    - ✓ France
    - ✓ Bhutan
    - ✓ Bangladesh
    - ✓ United States.
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# INDIA - HIGHLIGHTS

- ❖ Third largest military expenditure.
- ❖ Second largest armed force.
- ❖ Fifth largest economy by GDP nominal rates.
- ❖ Third largest economy in terms of purchasing power parity,
- ❖ Prominent regional power, a nuclear power, an emerging global power and a potential superpower.
- ❖ India assumes a growing international influence and a prominent voice in global affairs.



# INDIA - HIGHLIGHTS

- ❑ Member state of BRICS - Brazil, Russia, China and South Africa,
- ❑ Founding member of the Non-Aligned Movement
- ❑ The neighbourhood first policy embodied by SAARC , Look East policy
- ❑ One of the founding members of several international organisations—
  - ❑ The United Nations,
  - ❑ The Asian Development Bank,
  - ❑ New Development BRICS Bank, and
  - ❑ G-20, considered the main economic emerging and developed nations.
- ❑ India has also played an important and influential role in other international organisations like East Asia Summit, World Trade Organization, International Monetary Fund (IMF), G8+5 ,IBSA Dialogue Forum, member of the Asian Infrastructure Investment Bank, Shanghai Cooperation Organisation.

# INDIA – HIGHLIGHTS

- Regionally, India is a part of
  - SAARC and
  - BIMSTEC.
  - UN peacekeeping missions, is the fifth-largest troop contributor.
  - Seeking a permanent seat in the UN Security Council, along with the other G4 nations.
- Initially it focused on renewing political and economic contacts with the countries of East and South-East Asia energy resources available in some of the member countries of ASEAN like Burma.
- Special emphasis on the economic development of backward NE India .

# STRATEGIC PARTNERS

- The Foundation for National Security Research in New Delhi ranked India's top strategic partners with a score out of 90 points : Russia comes out on top with 62, followed by the United States (58), France (51), UK (41), Germany (37), and Japan (34).
- Countries considered India's closest include
  - the United Arab Emirates.
  - Russian Federation.
  - Israel.
  - Afghanistan.
  - France.
  - Bhutan.
  - Bangladesh.
  - The United States.

# STRATEGIC PARTNERS

- Russia largest supplier of military equipment to India, followed by Israel and France.
- Israel is set to overtake Russia as India's largest military - the sphere of counter-terrorism and space technology.
- India also enjoys strong military relations with several other countries, including the UK, the United States, Japan, Singapore, Brazil, South Africa and Italy.
- India operates an airbase in Tajikistan, signed a landmark defence accord with Qatar in 2008, and has leased out Assumption Island from Seychelles to build a naval base in 2015.
- Forged relationships with developing especially South Africa, Brazil, and Mexico.
- It represents the interests G8+5, IBSA and WTO.
- Indian Look East policy greater economic and strategic partnership with Southeast Asian countries, South Korea, Japan, and Taiwan.
- Friendly relations Persian Gulf countries and most of the African Union.

# PARTNERSHIP AGREEMENTS

Agreements			Agreements			Agreements		
S.no.	Country	Year	S.no.	Country	Year	S.no.	Country	Year
1	 <a href="#">France</a>	1997	11	 <a href="#">Brazil</a>	2006	21	 <a href="#">Tajikistan</a>	2012
2	 <a href="#">Russia</a>	2000	12	 <a href="#">Vietnam</a>	2007	22	 <a href="#">Israel</a>	2017
3	 <a href="#">Germany</a>	2001	13	 <a href="#">Oman</a>	2008	23	 <a href="#">Japan</a>	2014
4	 <a href="#">Mauritius</a>	2003	14	 <a href="#">Kazakhstan</a>	2009	24	 <a href="#">Seychelles</a>	2014
5	 <a href="#">Iran</a>	2003	15	 <a href="#">Australia</a>	2009	25	 <a href="#">Mongolia</a>	2015
6	 <a href="#">United Kingdom</a>	2004	16	 <a href="#">Malaysia</a>	2010	26	 <a href="#">Singapore</a>	2015
7	 <a href="#">United States</a>	2004	17	 <a href="#">South Korea</a>	2010	27	 <a href="#">United Arab Emirates</a>	2015
8	 <a href="#">Rwanda</a>	2017	18	 <a href="#">Saudi Arabia</a>	2010	28	 <a href="#">European Union</a>	2004
9	 <a href="#">Indonesia</a>	2005	19	 <a href="#">Uzbekistan</a>	2011	29	 <a href="#">ASEAN</a>	2012
10	 <a href="#">China</a>	2005	20	 <a href="#">Afghanistan</a>	2011	30	 <a href="#">Egypt</a>	2023



# EMERGING WORLD ORDER

## 21<sup>st</sup> CENTURY

- RISE OF CHINA AS GLOBAL POWER – BIGGEST CHALLENGES.
- INVASION OF IRAQ 2002 – BLUNDER – ISIS ALQAEDA.
- GLOBAL RECESSION 2008 & ECONOMIC SITUATION.
- ARAB SPRING PHENOMENON TUNISIA – SYRIA, EGYPT, YEMEN ETC.
- WEST ASIA TURMOIL – IMMIGRANTS & TURMOIL WEST.
- EMERGENCE OF MUSLIM FUNDAMENTALISM.
- COVID.

# CONTOURS OF WORLD ORDER 21<sup>st</sup> CENTURY

- ECONOMY DRIVEN WORLD – RELATIONS.
- GLOBALISATION TO PROTECTIONAISM.
- NATION FIRST.
- CENTURY OF ASIA.
- DEALING WITH CHINA – SOUTH CHINA SEA, ASIA-PACIFIC REGION, TAIWAN, LAC BORDERS.
- FUTURE CONFILOTS – AFGHANISTAN, ARAB, ASIA-PACIFIC REGION, RUSSIA-UKRAINE.
- DEBT TRAP DIPLOMACY.
- MUSLIM RADICALISATION AND GLOBAL TERROR.

# PERSONAL EXPERIENCES

- 40 YEARS – 24 MOVES.
- 8 YEARS IN J&K, 4 IN HAA, 2 IN DESERTS, 4 IN PUNJAB, 2 IN ASSAM, 5 IN TRAINING.
- MINUS 49 TO PLUS 53.
- SIACHEN TO SRILANKA, POONCH TO BHUTAN.
- KARGIL WAR, OPERATION BLUE STAR AND SRI LANKA .



# MES EXPERIENCE



# KARGIL EXPERIENCE

The background of the slide is a solid blue color. In the lower right quadrant, there are several thick, dark blue, wavy lines that flow from the right edge towards the center, creating a sense of movement and depth.

# SRILANKA EXPERIENCE

An abstract graphic of a winding river or path, rendered in a dark blue color, flows from the bottom right towards the center of the slide, passing beneath the title.



# SUMMATION

Pleasure

for

The Honest, Sincere, Non-Corrupt

Pain

for

All Others.

**THANK YOU**