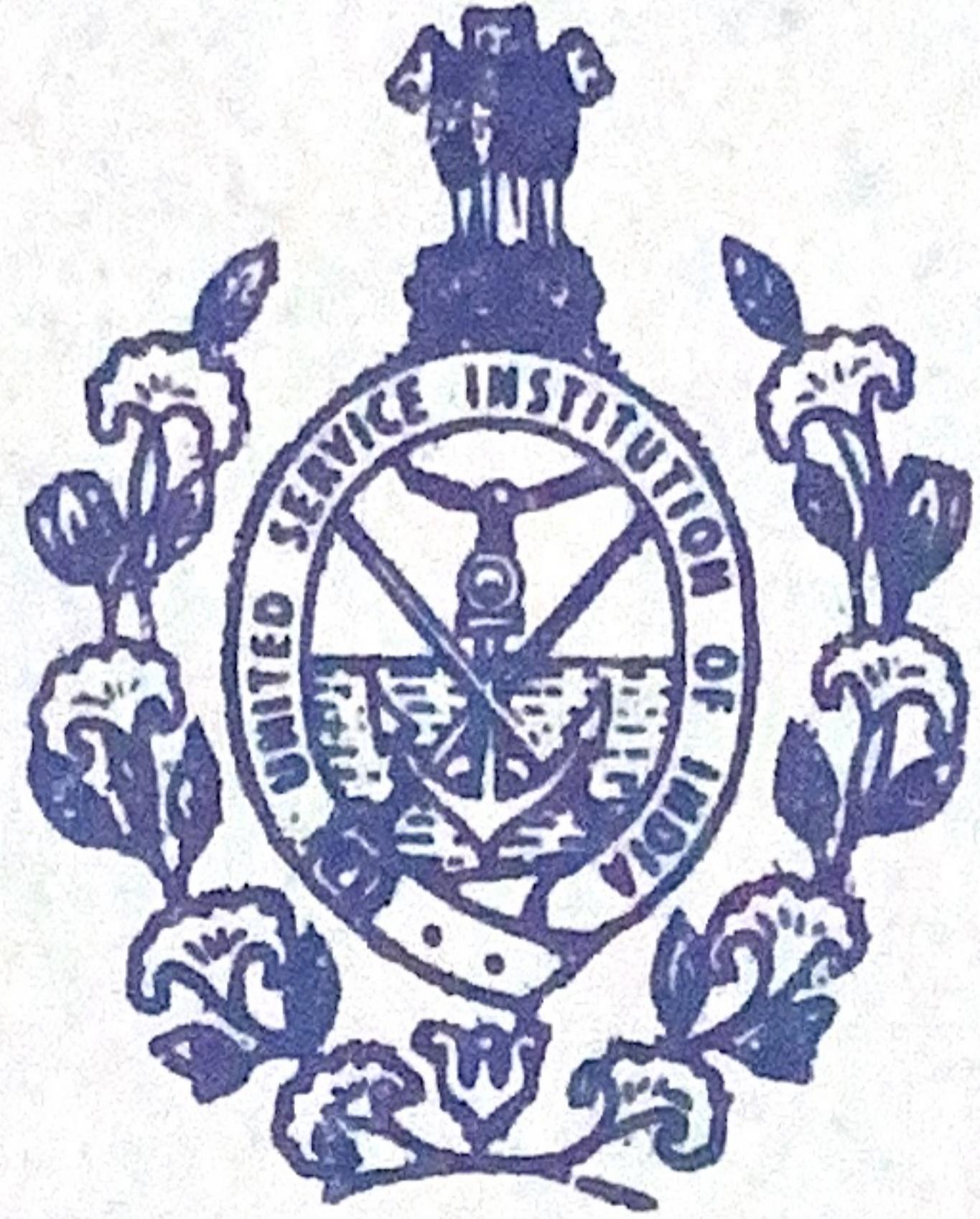


U.S.I. JOURNAL

INDIA'S OLDEST JOURNAL ON DEFENCE AFFAIRS

(Established : 1870)



PRINCIPAL CONTENTS

Indo-US Relations in the Coming Decades

- *Shri K Subrahmanyam, IAS (Retd).*

India and China – A Relationship for
The Future

- *Vice Admiral P S Das,
PVSM, UYSM, VSM (Retd).*

Visit of USI Delegation to China – A Report

- *Lieutenant General V K Kapoor,
PVSM (Retd).*

Will India Catch-up With China?

- *Shri Mohan Guruswamy,
Shri Jeevan Prakash Mohanty and
Shri Ronald Joseph Abraham.*

Nepal–Troubled Present and Uncertain Future

- *Lieutenant General Chandra Shekhar,
PVSM, AVSM (Retd).*

The Indus Water Treaty (IWT)

- *Shri BG Verghese.*

JULY-SEPTEMBER 2005

ALL RIGHTS RESERVED © Rs. 75.00 PUBLISHED QUARTERLY

USI PUBLICATIONS

USI NATIONAL SECURITY SEMINARS

Code	Subjects	Price (Rs.)	Year
S-17	Non-Military Threats to Security in South Asia.	50	1995
S-18	Impact of Decreased Defence Spending on the Indian Armed Forces.	50	1997
S-19	Security Concerns in Asia in the Early 21st Century, Global Disarmament and the Indian Ocean Rim.	50	1996
S-20	The Challenges to India's Foreign and Defence Policies in the Transformed International Power Equations.	50	1999
S-24	Joint USI-CIIS (China) Seminar – Asian Security and Role of Outside Powers in the Region.	75	2001
S-25	Joint USI-NCMES (Egypt) Seminar Regional Security, International Intervention, NMD System and its Implications, and Bilateral Relations Between India and Egypt.	100	2002
S-27	Joint USI-FES (Germany) Seminar Security Environment in Southern Asia.	100	2002
S-28	USI Seminar held at Chandigarh Security Challenges of India in the Regional Context with Special Reference to Terrorism – Prognosis and Response.	100	2003
S-30	Joint USI-CACDA (China Arms Control and Disarmament Association) Seminar The New US Strategy and Impact of Iraq War on Arms Control and the United Nations.	100	2004
S-31	Joint USI-Executive Committee (Peace in Asia), Japan Seminar Regional Security Perspective, NMD, TMD Systems and Future of International System.	100	2004
S-32	Joint USI-Centre for Military and Strategic Research (CMSR) of Russian Armed Forces Seminar Regional Security Perspective, Military Cooperation, International Security Mechanism and Future of the United Nations.	100	2004
S-33	Joint USI-China Institute for International Strategic Studies (CISS), Beijing Seminar Regional Security Perspective; Nuclear Control Regimes and Missile Defence; Dimensions of International Terrorism and Countermeasures; and Increased Cooperation within the Framework of Evolving Sino-Indian Relations.	100	2004
S-36	The India-Pakistan Peace Process : Developments and Prospects	75	2005

USI NATIONAL SECURITY SERIES - 2000

NS Lecture (a)	Sino-Indian Relations in the New Millennium : Challenges and Prospects by Shri CV Ranganathan, IFS (Retd).	250	2001
NS Seminar (b)	Effectiveness of the National Security Council and Associated Bodies like the National Security Advisory Board		
NS Paper (c)	Rising Fundamentalism : Implications for National Security by Maj Gen Afsir Karim, AVSM (Retd).		

USI NATIONAL SECURITY SERIES - 2001

NS Lecture (a)	Role of the Armed Forces in Formulating of India's Foreign Policy by JN Dixit, IFS (Retd).	250	2002
NS Seminar (b)	Self Reliance in the Process of Defence Production : Including Involvement of Private Sector.		

USI NATIONAL SECURITY SERIES - 2002

(Available from Knowledge World, New Delhi)

NS Lecture (a)	India's Look East Policy: A Review and Way Ahead. by Shri I K Gujral.	495	2003
NS Seminar (b)	Vulnerabilities of Our Economy in the Backdrop of Globalisation: An Analysis of India's Long Term Economic Security.		
NS Paper (c)	Safeguarding of India's Energy Security. by Shri Chudamani Ratnam.		

(Continued at last page and inner back flap)

ISSN 0041-770X

The
Journal
of the
United Service Institution
of
India

Published by Authority of the Council



(Established : 1870)

Postal Address :

Rao Tula Ram Marg, (opposite Signals Enclave)
Post Bag No 8, Vasant Vihar PO, New Delhi-110057
Telephone No. 26146755, 26146490 Fax : 26149773

e-mail :

director@usiofindia.org	dde@usiofindia.org
ci@usiofindia.org	ddadm@usiofindia.org
adpra@usiofindia.org	library@usiofindia.org
cafhr@usiofindia.org	cunpk@usiofindia.org
cs3@usiofindia.org	

Website : www.usiofindia.org

Vol CXXXV

July-September 2005

No 561

USI Journal is published quarterly in April, July, October and January.
Subscription per annum : In India Rs. 250.00. Postage extra. Subscription
should be sent through Bank Draft/Local Cheque/Postal Order in favour of
Director USI of India. It is supplied free to the members of the Institution.

Articles, correspondence and books for review should be sent
to the Editor. Advertisement enquiries concerning space
should be addressed to the Deputy Director (Adm).

For overseas subscriptions, trade enquiries and
advertisements write to : Spantech & Lancer, Spantech
House, Lagham Road, South Godstone, Surrey RH9 8HB, UK.
Overseas annual subscription (By Air Mail) - £ 40 or \$ 65
Tel : +44 1342 893239 Fax : +44 1342 892584

**UNITED
SERVICE
INSTITUTION
OF INDIA**

for

*the furtherance of
interest and knowledge
in the art, science and
literature
of National Security
in general and of the
Defence Services
in particular*

VICE-PATRONS

Admiral Arun Prakash, PVSM, AVSM, VrC, VSM, ADC
Chairman COSC and Chief of the Naval Staff

General J J Singh, PVSM, AVSM, VSM, ADC
Chief of the Army Staff

Air Chief Marshal S P Tyagi, PVSM, AVSM, VM, ADC
Chief of the Air Staff

COUNCIL

President

Vice Adm Raman Puri, PVSM, AVSM, VSM, ADC
Chief of Integrated Defence Staff to Chairman COSC

Vice Presidents

Lt Gen S Pattabhiraman, AVSM, SM, VSM, VCOAS
Vice Adm Yashwant Prasad, PVSM, AVSM, VSM, VCNS
Air Mshl Ajit Bhavnani, PVSM, AVSM, VM, ADC, VCAS

Ex-Officio Members

Shri Shekhar Dutt, SM, IAS, *Defence Secretary*

Lt Gen RN Kapur, AVSM & Bar, *DCIDS (DOT)*

★ Lt Gen Bhopinder Singh, PVSM, AVSM, *DGMT*

★ Cmde Nalin K Dewan, *Principal DNT*

★ Air Vice Mshl M Sundaram, AVSM, ACAS (Trg)

Elected Members

★ Lt Gen K Balaram, PVSM (Retd)

★ Maj Gen Ian Cardozo, AVSM, SM (Retd)

★ Vice Adm PS Das, PVSM, UYSM, VSM (Retd)

★ Shri CR Gharekhan, IFS (Retd)

★ Air Vice Mshl Kapil Kak, AVSM, VSM (Retd)

★ Lt Gen VK Kapoor, PVSM (Retd)

★ Vice Adm IJS Khurana, PVSM, AVSM (Retd)

★ Shri Vijay K Nambiar, IFS (Retd)

Lt Gen Vijay Oberoi, PVSM, AVSM, VSM (Retd)

★ Air Mshl Vinod Patney, SYSM, PVSM, AVSM, VrC (Retd)

★ Lt Gen VR Raghavan, PVSM, UYSM, AVSM (Retd)

★ Lt Gen Vinay Shankar, PVSM, AVSM, VSM (Retd)

★ Lt Gen Chandra Shekhar, PVSM, AVSM (Retd)

Lt Gen RK Jasbir Singh, PVSM (Retd)

Member Secretary

Lt Gen Satish Nambiar, PVSM, AVSM, VrC (Retd)

Director

EXECUTIVE COMMITTEE

Chairman

Lt Gen RN Kapur, AVSM & Bar, *DCIDS (DoT)*

Members

Those indicated by ★

Member Secretary

Lt Gen Satish Nambiar, PVSM, AVSM, VrC (Retd)

Director

**CENTRE FOR STRATEGIC STUDIES AND SIMULATION
BOARD OF MANAGEMENT**

Vice Adm PS Das, PVSM, UYSM, VSM (Retd)	Chairman
Air Vice Mshl VK Chopra, AVSM, VSM	Member
<i>ACIDS (PP & FS)</i>	
Maj Gen A S Sekhon, YSM	"
<i>ADGPP</i>	
Rear Adm DK Joshi, YSM, NM, VSM	"
<i>ACNS (IW & Ops)</i>	
Air Vice Mshl M Sundaram, AVSM	"
<i>ACAS (Trg)</i>	
Brig Anil Kumar Sharma	"
<i>DACIDS (NA)</i>	
Lt Gen Vijay Kumar Kapoor, PVSM (Retd)	"
Shri Vijay K Nambiar, IFS (Retd)	"
Air Mshl Vinod Patney, SYSM, PVSM, AVSM, VrC (Retd)	"
Dr V Siddhartha	"
Air Cmde Jasjit Singh, AVSM, VrC, VM (Retd)	"
Shri N N Vohra, IAS (Retd)	"
Dr Charan D Wadhva	"
Lt Gen Satish Nambiar, PVSM, AVSM, VrC (Retd)	"
<i>Director USI</i>	
Brig Arun Sahgal (Retd)	Secretary
<i>Dy Director (Research)</i>	

**CENTRE FOR ARMED FORCES HISTORICAL RESEARCH
BOARD OF MANAGEMENT**

Lt Gen Mathew Thomas, PVSM, AVSM, VSM (Retd)	Chairman
Lt Gen RN Kapur, AVSM & Bar	Member
<i>DCIDS (DOT)</i>	
Air Vice Mshl T S Randhawa, VSM	"
<i>ACIDS (TRADOC)</i>	
Maj Gen J S Lidder, UYSM, AVSM	"
<i>ADGMO (A)</i>	
Rear Adm DK Joshi, YSM, NM, VSM	"
<i>ACNS (IW & Ops)</i>	
Air Vice Mshl Sumit Mukherjee, SC, VSM	"
<i>ACAS (Op C & D)</i>	
Lt Gen Bhopinder Singh, PVSM, AVSM	"
<i>DGMT</i>	
Cmde Nalin K Dewan	"
<i>Principal DNT</i>	
Air Vice Mshl M Sundaram, AVSM	"
<i>ACAS (Trg)</i>	
Vice Adm Inderjit Bedi, PVSM, AVSM (Retd)	"
Air Mshl Bharat Kumar, PVSM, AVSM (Retd)	"
Lt Gen Satish Nambiar, PVSM, AVSM, VrC (Retd)	"
<i>Director USI</i>	
Professor DN Tripathi	Co-opted Member
<i>Chairman, Indian Council of Historical Research</i>	
Shrimati R Dhanedhar	"
<i>Officiating Director, History Division, MOD</i>	
Sqn Ldr RTS Chhina (Retd)	
<i>Secretary and Editor</i>	Secretary

CONTENTS

July-September 2005

Editorial.....	357
Indo-US Relations in the Coming Decades Shri K Subrahmanyam, IAS (Retd).....	359
India and China – A Relationship for The Future Vice Admiral P S Das, PVSM, UYSM, VSM (Retd).....	376
Visit of USI Delegation to China – A Report Lieutenant General V K Kapoor, PVSM (Retd).....	386
Will India Catch-up With China? Shri Mohan Guruswamy, Shri Jeevan Prakash Mohanty and Shri Ronald Joseph Abraham.....	400
Nepal–Troubled Present and Uncertain Future Lieutenant General Chandra Shekhar, PVSM, AVSM (Retd).....	422
The Indus Water Treaty (IWT) Shri BG Verghese.....	428
National Security and Special Forces Major General Ashok Joshi, VSM (Retd).....	438
Establishing Joint Special Forces : Tasks, Training and Equipping Philosophies Commander Shankar Man Rai.....	446
New Anti-Hijack Policy - A Critique Shri Kalyan K Mitra, IPS (Retd).....	460
Defence Space Options Shri Ved Prakash Sandlas.....	467
Defence Procurement : A Knotty Problem in India Major General E D'Souza, PVSM (Retd).....	476
Women Officers and Work Environment: Indian Perspective Colonel DS Randhawa.....	486
Lieutenant General Dewan Prem Chand – Vignettes of His Life Brigadier Chandra B Khanduri (Retd).....	494
Letters to the Editor.....	507
Review Articles.....	510
Short Reviews of Recent Books.....	518
Additions to the USI Library.....	536

NOTE

The views expressed in the Journal are not official and the opinions of contributors and the Editor in their published articles are not necessarily those of the Council of the Institution.

USI Correspondence Courses

1. The USI conducts correspondence courses for DSSC – Army, Navy, Air Force, TSOC (Army) Entrance Examinations and Promotion Examinations Parts B and D.
2. Membership of the USI is mandatory to join any correspondence course.
3. Schedule of Correspondence Courses 2005-2006.

Courses	Tuition Fees			
	Commencement of Course	Date of Exam	All Subjects (Rs.)	Each Subject (Rs.)
(a) DSSC* (Army)	Nov 2005	Sep 2006	1850/-	400/- MH & Tac B. 300/- for remaining subject.
(b) DSSC* (Navy)	Dec 2005	Jun 2006	—	375/-
(c) DSSC* (Air Force)	Jan 2006	Jul 2006	650/-	350/-
(d) TSOC*	Nov 2005	Sep 2006	1500/-	400/- for MH 300/- for remaining subject.
(e) Part D**	Apr 2006	Oct 2006	1200/-	350/- for MH 250/- for remaining subject.
(f) Part B**	Dec 2005	Jul 2006	1050/-	300/- for MH 200/- for remaining subject.

*Entrance Examination

**Promotion Examination

4. **Contact Programmes.** Two contact programmes will be conducted at USI. The dates for contact programmes are 24-29 July and 7-12 Aug 2006.
5. Correspondence courses for Special to Corps subjects are not conducted.
6. **Mode of Payment.** Local cheque or bank draft payable at New Delhi or postal orders payable at Vasant Vihar PO New Delhi in favour of *Director USI of India* or cash.
7. Contact address : Rao Tula Ram Marg (Opposite Signals Enclave)
Post Bag No 8, Vasant Vihar PO, New Delhi-110057
8. Email/Website : ci@uslofindia.org / www.uslofindia.org
9. Visiting hours : 1000 AM to 1230 PM } Monday to Friday
1400 PM to 1630 PM }
10. Telephones : Course Section - 26148682, CI - 26146390

MEMBERSHIP FEES

	Defence Personnel	Entitled Civilians
1. Life Membership	(Rs)	(Rs)
(a) Entrance	1000/-	1000/-
(b) One Time Fee	4000/-	6000/-
Total	5000/-	7000/-
2. Ordinary Membership (For 3 years at a time commencing 01 Apr)		
(a) Entrance	300/-	300/-
(b) Subscription/Renewal Fee	900/-	1350/-
Total	1200/-	1650/-
3. Prospectus and membership form available at the USI.		

EDITORIAL

Shri K Subrahmanyam, in his article titled, 'Indo-US Relations in the Coming Decades' has focused on the proposed strategic partnership between the two countries. According to the author, the proposed partnership is for international peace and stability and to promote the rule of law in a globalised international community. This may turn out to be a major turning point in the history of the world. The functioning of the globalised world is based on two principles – market economy and democracy. The US effort is to bring about a change in China to make it accept democracy and abide by the rules of international game. According to the author, the US is likely to attempt to bring China round through its own relationship with Japan, South Korea and India in Asia. The US initiative to help India to develop itself as a world class power is related to creation of balance of power in Asia in which all major economies will be intensively engaging and not containing China. In the post cold war world, military containment appears to be taking a back seat. Strategic partnership between the US and India is likely to benefit both the countries. To stay competitive in business the Americans need three things – firstly, increasing amount of brain power that would sustain the American inventiveness; secondly, the ability to cut costs through outsourcing and, thirdly, a large market. India would ideally fulfill all the three criteria. Dealing with China's economic challenge rather than military challenge is the driving force behind the US interest in helping India to build itself as a world class power. The US proposals for strengthening cooperation in the fields of economy, energy and defence will have to be evaluated on a case by case basis with reference to our national interests.

Vice Adm PS Das, PVSM, UYSM, VSM (Retd), in his article titled 'India and China – a Relationship for the Future', has highlighted that after decades of tense relations, both countries now recognise that they have an important role to play on the international stage for which cooperation between them is likely to be useful. Both countries have congruent interests in the emerging political and economic order and cooperation between them can maximise their capabilities and potential. The need to put aside the

boundary dispute and to resolve it to mutual satisfaction later, is an important element of the emerging relationship. The agreements of 2003 and 2005 between the two countries, if pursued with determination, are likely to lead to fruitful results. However, reservations in both countries about the aims and motivations of the other country can only be overcome through appropriate confidence building measures backed by political accommodation to mutual benefit. The time is appropriate for both countries to chart out courses for improvement in relations in keeping with their national interests.

Nepal is a landlocked Himalayan Kingdom, dependent on India and its sea routes for trade. Agriculture and tourism are the mainstays of its economy, which have been badly hit due to the Maoist insurgency. Lieutenant General Chandra Shekhar, PVSM, AVSM (Retd), in the article titled 'Nepal – Troubled Present and Uncertain Future', has highlighted that Nepal is passing through difficult times. The King is still respected by the Nepalese people who are basically simple and law abiding but the politicians have not performed well and do not enjoy popular support, which the Maoists are exploiting to their advantage. India cannot be a silent spectator because of the economic fall out and the large scale Nepalese migration that is taking place to India. The King needs to be influenced to show moderation and engagement. India cannot suggest appeasement of the Maoists, as they have taken up arms against the constitutional authority in Nepal. According to the author, India should encourage the democratic process and respect for human rights without interfering in the internal affairs of Nepal. Recent initiatives by the USA and the UN to engage the King for moderation and negotiated solution are welcome developments. The Maoists have influence and cannot be ignored. Constructive engagement, meaningful accommodation and pragmatic understanding need to be displayed by leaders in resolving this complex problem and taking Nepal on the path of development and progress.