

RESUME

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MAJOR ACHIEVEMENTS

- Held ICCR India Chair in FGV, Rio de Janeiro, Brazil in 2013 where I taught a course on Defence Economics
- External members in the Defence Audit Advisory Board (DAAB) constituted by the defence wing of the Comptroller and Auditor General of India (CAG)
- Recipient of President's (Defence Minister) Award for Excellence, 2011 & 2012 for outstanding research
- Was Member and Coordinator of three major studies tasked by the Ministry of Defence
- Consultant to the Taskforce on Defence Modernisation and Self-reliance, constituted by the National Security Council Secretariat (NSCS)
- Was part of three IDSA study teams that prepared reports for the Seventh Central Pay Commission; Expenditure Management Commission, Ministry of Finance; and Director General (Acquisition), MoD
- Was the chief coordinator of a major International Seminar on Defence Acquisition held on July 12-14, 2011 in IDSA

PUBLICATIONS

BOOK

1. *India's Defence Economy: Planning, Budget, Industry and Procurement*, Routledge, London, 2021
2. *Indian Defence Industry: An Agenda for Making in India*, IDSA/Pentagon Press, New Delhi, 2016

EDITED BOOK

1. *Defence Acquisition: International Best Practices*, IDSA/Pentagon Press, New Delhi, 2013

MONOGRAPH

1. *Defence Offsets: International Best Practices & Lessons for India*, IDSA Monograph Series, No. 45, 2015.
2. *Indian Defence Industry: Issues of Self-Reliance*, IDSA Monograph Series, No 21, July 2013

OCCASIONAL PAPER

1. [Defence Innovation in India: The Fault Lines](#), IDSA Occasional Paper No 32, January 2014.
2. [The State of India's Defence Public Sector Defence Industry](#), ORF Occasional Paper No. 419, October 2023.

ARTICLE IN PEER REVIEWED JOURNALS

1. [AUKUS and India's Indo-Pacific Strategy](#), *International Journal*, Vol. 78, No. 3, 2023, pp. 375-393, DOI: 10.1177/00207020231197785 (ISSN 00207020).
2. [India's High-Tech Strategy to Counter the Era of Chinese Assertiveness](#), *Global Asia*, Vol. 17, No. 4, December 2022, pp. 44-49 (ISSN 197668X).
3. [Made in India: An Aspiring Brand in Global Arms Bazaar](#), *Defence & Security Analysis*, Vol. 38, No. 3, 2022, pp. 336-348 (ISSN 14751798).
4. [Examining India's Defence Innovation Performance](#), *Journal of Strategic Studies*, Vol. 44, No. 6, 2021, pp. 830-853.
5. [India's Defence Expenditure: A Trend Analysis](#), *Strategic Analysis*, Vol. 45, No. 5, 2021, pp. 395-410 (co-authored).
6. [Enhancing the Effectiveness of Defence Indigenization: The Case of Bullet-Resistant Jackets](#), *Strategic Analysis*, Vol. 44, No. 6, 2020, pp. 553-569 (co-authored).
7. "Indo-US Defence Industry Cooperation: A Prognosis", *India Quarterly*, Vol. 74, No. 3, September 2018, pp.337-342 (co-authored)
8. 'Examining the US Defence Acquisition Apparatus: What Can India Learn?', *Journal of Defence Studies*, Vol. 11, No. 4, October-December 2017, pp. 73-92.
9. 'Indian Defence Offset Policy: An Impact Analysis', *Journal of Defence Studies*, Vol. 9, No. 4 October-December 2015, pp. 111-132.
10. 'Modernisation of Indian Navy: Budgetary and Procurement Constraints', *Revista da Escola de Guerra Naval*, Vol. 19, No. 1, Jan-June 2013, pp. 9-22.
11. 'India's Naval Shipbuilding Industry: Key Gaps and Policy Options', *Defence Studies*, Vol. 12, No. 3, August 2012, pp. 434-451 (co-authored).
12. "India's Ordnance Factories: A Performance Analysis", *Journal of Defence Studies*, Vol. 6, Issue 2, April 2012, pp-63-77.
13. "[India's Defence Acquisition System: Need for Further Reforms](#)", *Korean Journal of Defence Analysis*, Vol. 21, No. 1, March 2012, pp. 89-105.
14. "Enhancing Private Sector Participation in India's Defense Production", *Defense & Security Analysis*, Vol. 27, No. 3, September 2011, pp. 251-265.
15. "Defence Planning in India", *Journal of Defence Studies*, Vol.4, No.3, July 2010, pp.126-135.
16. "India's Defence Budget 2010-11: An Analysis", *Journal of Defence Studies*, Vol.4, No.2, April 2010, pp.50-60.
17. "India's Defence Public Sector Undertakings: A Performance Analysis", *Journal of Defence Studies*, Vol.3, No.4, October 2009, pp.118-130.
18. "India's Defence Spending: A Trend Analysis", *Journal of Defence Studies*, Vol. 3, No. 2, April 2009, pp.109-127.
19. "India's Defence Offset Policy", *Strategic Analysis*, Volume 33, Issue 2, March 2009, pp. 242-253
20. "India's Affordable Defence Spending: An Economic Perspective", *Journal of Defence Studies*, Vol. 2, No. 1, Summer 2008, pp.136-148.

ARTICLES IN NON-PEER REVIEWED JOURNALS

1. 'China's Success in Arms Export: Lessons for India', *Scholar Warrior*, Autumn 2017, pp. 28-36.
2. 'India-Iran Economic Cooperation', *World Focus*, Vol. 26, No. 8, pp. 11-13.
3. 'Iran-US Nuclear Standoff: The Role of EU', *South Asia Politics*, Vol. 4, No. 7, November 2005, pp. 26-29.

WORKING PAPER

1. [Securing India: Significance of Geoeconomics and Innovation in India's Foreign Policy and Strategic Competition with China](#), University of California Institute on Global Conflict and Cooperation, April 2023.

BOOK CHAPTER

1. 'Indian Defence Industry: Will 'Make in India' Turn it Around?', in Hartley, K and Belin, J (Eds). *The Economics of the Global Defence Industry*, Routledge: London, 2020, pp. 506-526.
2. 'Indian Defence Industry: A Reform Agenda', in Gurmeet Kanwal and Neha Kohli (ed.), *Defence Reforms: A National Imperative*, Pentagon, New Delhi, 2018, pp. 180-197.
3. 'Changing Contours of Indian Defence Expenditure: Past as Prologue?' in Harsh V. Pant (ed.), *Handbook of Indian Defence Policy*, Routledge, London, 2015, pp. 235-251.
4. "Arms Trade Offsets: Global Trend & Best Practices", in Vinod Misra (ed.), *Core Concerns in Indian Defence and the Imperatives for Reforms*, Pentagon Press, New Delhi, 2015, pp. 289-309
5. "Defence Spending in India and its Neighbourhood", in SD Muni and Vivek Chadha (ed.), *Asian Strategic Review*, IDSA/Pentagon Press (April 2013).
6. "FDI in Indian Defence Industry", in Laxman Kumar Behera and Vinay Kaushal, *Defence Acquisition: International Best Practices*, IDSA/Pentagon Press, 2013, pp. 301-316

INTERNATIONAL INSTITUTE FOR STRATEGIC STUDIES (IISS)

1. 'Defence Economics', *Military Balance 2014*, IISS, Routledge, London, 2014, pp. 219-221.
2. 'Defence Economics', *Military Balance 2015*, IISS, Routledge, London, 2015, pp. 213-215.
3. 'Defence Economics', *Military Balance 2016*, IISS, Routledge, London, 2016, pp. 227-229.

JANE'S DEFENCE WEEKLY

1. 'Indian Reforms: Lacking the Punch', *Jane's Defence Weekly*, Vol 50, Issue 41, October 09, 2013, p. 21

NEWS PAPER EDITORIAL/ARTICLE

1. [Towards atmanirbharta in defence production](#), *Financial Express*, March 07, 2022.
2. ["India should aim to sharpen the teeth-to-tail ratio of its forces"](#), *LiveMint*, January 06, 2021.
3. "Self-Defence is the Best Offence", *The Economic Times*, May 19, 2020.
4. "Rebuilding Ordnance Factories", *Business Standard*, August 30, 2019
5. "For Better Arming & Loading", *The Economic Times*, July 10, 2019

6. 'Economic Situation to Weigh heavily on resource allocation decisions', NDTV.com, June 18, 2019
7. 'More funds needed for military modernisation', *The Hindu BusinessLine*, January 29, 2019.
8. 'The missing Made-in-India tag on our guns and jets', *Livemint*, March 08, 2017.
9. 'Building our Own Fighter', *The Economic Times*, February 14, 2017
10. 'The Unfinished Defence Reform Agenda', *LiveMint*, February 14, 2017.
11. 'Budget 2016: Holistic approach to defence planning is absent in India', *The Economic Times*, March 05, 2016
12. 'Make in India: Big role for private firms in defence', *LiveMint*, February 15, 2016
13. 'Ground Reality at HAL', *The Indian Express*, February 06, 2013
14. 'Four Steps Towards Independence', *The Indian Express*, August 30, 2012

SPECIAL FEATURE

1. [Bang for Buck: India's Defence Expenditure in Wider Perspective](#), July 10, 2020.
2. [Defence Pension Reforms: Recommendations of the Past Committee and Commissions](#), February 28, 2020.
3. 'DPP-2016: An Analytical Overview', April 12, 2016
4. 'A French Solution to India's Defence Acquisition Problem', August 29, 2016

ISSUE BRIEF

1. [High on Revenue, Low on Capital: India's Defence Budget 2023-24](#), *ORF Issue Brief No 614*, February 2023.
2. [The Case for Agnipath](#), *ORF Issue Brief No. 567*, August 2022 (Co-authored).
3. [Bigger, Not Necessarily Better: India's Defence Budget 2022-23](#), *ORF Issue Brief No. 523*, February 2022.
4. [Firm on Modernisation: India's Defence Budget 2021-22](#), *SSPC Issue Brief*, February 2021.
5. [Defence Acquisition Procedure 2020: Imperatives for Further Reforms](#), *ORF Issue Brief*, No. 440, February 2021.
6. [Estimating India's Defence Manpower](#), August 04, 2020.
7. [India's Defence Budget 2020-21](#), February 04, 2020.
8. 'India's Defence Budget 2019-20', July 08, 2019.
9. 'Interim Defence Budget 2019-20', February 04, 2019.
10. 'Examining the Feasibility and Affordability of Raising the Share of Defence Expenditure to Three Percent of GDP', August 20, 2018.
11. [Implications of CAATSA for India's Defence Relations with Russia and America](#), April 26, 2018.
12. 'Defence Budget 2018-19: Over to the Standing Committee for Scrutiny', February 26, 2018.
13. 'Defence Budget 2018-19: The Imperative of Controlling Manpower Cost', February 02, 2018
14. 'India's Defence Budget 2017-18: An Analysis', February 03, 2017
15. 'All about Pay & Perks: India's Defence Budget 2016-17', March 03, 2016
16. 'Make in India' for Defence Sector: An Overview of the Dhirendra Singh Committee Report', September 16, 2015
17. 'India's Defence Budget 2015-16', March 02, 2015.

18. 'A Critical Review of Defence Procurement Procedure 2011', January 25, 2011

POLICY BRIEF

1. [India-Australia Defence Tech Cooperation: Opportunities and Challenges](#), Australia India Institute, November 2023.
2. [Refining Draft Offset Guidelines 2020](#), June 08, 2020.
3. [Draft DPP-2020: Standard Contract Document](#), May 14, 2020.
4. [Defence Pension: A Comparative Study of India, US and UK](#), April 23, 2020.
5. [Refining Draft DPP-2020](#), April 08, 2020.
6. 'Defence Agenda for Modi Government 2.0', June 06, 2019.
7. 'Make in India' for Defence: A Roadmap', February 05, 2015.
8. 'A Case for Increasing FDI up to 100 per cent in India's Defence Industry', August 09, 2011.
9. 'A Critique of India's Defence Offset Guidelines 2012', September 03, 2012.

BOOK REVIEW

1. '[Innovate to Dominate: The Rise of the Chinese Techno-Security State](#)', by Tai Ming Cheung, Ithaca and London, Cornell University Press, 2022, 400 pp., US\$44.95 (Hardcover), ISBN 978-1-5017-6434-9, Published in *Strategic Analysis*, DOI: 10.1080/09700161.2023.2176060.
2. '[Institutions that Shaped India: DRDO](#)' by Ravi Kumar Gupta, New Delhi: Rupa, 2021, pp. 215 Rs 395, published in *Journal of Defence Studies*, Vol. 16, No. 1, January-March 2022, pp. 87-90.
3. 'Budgeting for Indian Defence: Issues of Contemporary Relevance' by V. N. Srinivas, New Delhi: KW Publishers private Ltd, 2008, pp. 230, Rs 720, Published in *Strategic Analysis*, Vol. 33, No. 2. March 2009, pp. 316-18.

STRATEGIC COMMENT

1. [India's defence budget 2023-24](#), Vivekananda International Foundation (VIF), February 07, 2023.
2. [Agnipath: A bold, new defence recruitment scheme](#), ORF, June 22, 2022.
3. [Vocal for Local Arms: Imperatives of Self-Reliance in Defence Production](#), SSPC Commentary, March 16, 2022,
4. [Atma Nirbhar through Arms Import Ban](#), August 13, 2020.
5. [Atma Nirbhar through Canteen Sales](#), August 11, 2020.
6. [Atma Nirbhar in Defence Technology](#), August 10, 2020
7. 'Covid-19 and India's Defence Spending', April 24, 2020.
8. 'Defining the Charter of Chief of Defence Staff', November 21, 2019.
9. 'Make-II: Need to Prevent Duplication of Efforts and Backdoor Entry of Import', October 23, 2019.
10. 'In Favour of Corporatisation of Ordnance Factory Board', August 21, 2019
11. 'Mission Shakti: What Next', April 09, 2019
12. 'AK-203: A Boost for the Army and Make in India', March 11, 2019 (jointly with DG, IDSA)
13. 'Creation of Defence Planning Committee: A Step towards Credible Defence Preparedness', April 19, 2018.
14. 'Draft Defence Production Policy 2018: Challenges Galore', April 04, 2018

15. 'Changes in the SCOMET List: What it means for the Indian Defence Industry', June 08, 2017
16. 'An Assessment of the Strategic Partnership Model in Defence Industry', June 02, 2017
17. 'Preference for Local Industry in Defence Contracts: What India Can Do', May 22, 2017
18. 'BEML Disinvestment: What about the other DPSUs and OFs?', January 20, 2017
19. 'Making FDI Count in Defence', June 22, 2016
20. 'Strategic Partnership: A Critical Overview of the Aatre Task Force Report', April 26, 2016
21. 'Defence Budget 2016-17: The Bigger Worry', March 22, 2016
22. "Strategizing India's Defence Exports", September 17, 2014
23. 'India's Revised Defence FDI Policy', September 01, 2014
24. 'India's Interim Defence Budget 2014-15: An Appraisal', February 23, 2014
25. 'Run up to the Defence Budget 2014-15: Challenges to Modernisation', February 4, 2014
26. 'Defence Offset Guidelines: Time to Correct the Imbalance', July 24, 2013
27. 'LAAD Exhibition: Showcase of Brazilian Self-Reliance', April 25, 2013
28. 'India's Defence Budget 2013-14: A Bumpy Road Ahead', March 04, 2013
29. 'India's Defence Budget 2012-13', March 20, 2012
30. 'A Critique of MoD's Joint Venture Guidelines', March 05, 2012
31. 'Private Sector Participation in Defence Production: Industrial Licensing and FDI Issues', January 27, 2012
32. 'F-35 is not an Ideal Choice for India', November 23, 2011
33. 'India's Defence Budget 2011-12', March 07, 2011
34. 'Defence Budget should go beyond Fiscal Austerity', February 23, 2011
35. 'An American Solution to India's Defence Acquisition Problem?', October 08, 2010
36. 'Budgeting for India's Defence: An Analysis of Defence Budget 2010-11 and the Likely Impact of the 13th Finance Commission on Future Defence Spending', March 03, 2010
37. 'Mahindra's Giant Leap into Defence Production: The Need for Further Policy Initiatives to Promote Private Sector', December 22, 2009
38. "Indian Defence Industry Poised to Grow", November 10, 2009
39. "India's Defence Budget 2009-10: An Assessment", February 18, 2009
40. 'India's Defence Offset Policy 2008', August 19, 2008
41. 'TATA's Forays into Defence Production', June 17, 2008
42. 'India's Defence Budget 2008-09', March 19, 2008
43. 'Private Sector Participation in Indian Defence Industry', January 08, 2008
44. 'Rising Cost of the Global War on Terror', January 01, 2008
45. 'Indian Defence Acquisition: Time for Change', August 03, 2007
46. 'The Indian Defence Budget 2007-08, March 09, 2007
47. 'The US Defence Budget for 2008', February 21, 2007
48. 'China's Defence White Paper: Can India Draw Some Lessons?', January 31, 2007
49. 'Economics of Indo-US Nuclear Deal', January 18, 2007
50. 'Impression on International Seminar on Defence Finance and Economics', November 26, 2006.

DEFENCE REVIEW ASIA/ ASIA-PACIFIC DEFENCE REPORTER

1. [Modernising the Indian Army](#), *Asia-Pacific Defence Reporter*, Vol. 48, No. 7, October 2022, pp. 68-72.
2. [Explaining India's Stand on Russia-Ukraine War](#), *Asia-Pacific Defence Reporter*, Vol. 48, No. 5, July-August 2022, pp. 40-42.
3. 'India's Defence Budget 2016-17: Personnel Cost A Problem', *Defence Review Asia*, Vol. 10, No. 3, May-June 2016, pp. 20-22.
4. 'Two Squadron of Rafales for India', *Defence Review Asia*, Vol 9, No. 4, June 2015, pp. 10-13
5. 'Make in India: A New Era for Indian Defence Industry', *Defence Review Asia*, Vol. 9, No. 3, May 2015, pp.26-29
6. 'Modernisation of the Indian Air Force', *Defence Review Asia*, Vol. 7, No.1, February 2013, pp. 14-16.
7. 'India's Naval Helicopter Programme Caught in Controversy', *Defence Review Asia*, Vol. 6, No. 7, November 2012, pp.14-15
8. 'India's Defence Offset Guidelines 2012', *Defence Review Asia*, Vol. 6, No. 6, Sept-Oct 2012, pp.25-27.
9. "India's Defence Budget 2012-13", *Defence Review Asia*, Vol. 6, o. 4, June 2012, pp. 32-34.
10. 'India's Indigenous Light Combat Aircraft Programme', *Defence Review Asia*, Vol. 6, No. 1, February 2012, pp. 19-21.
11. "India's Defence Production Policy", *Defence Review Asia*, Vol. 5, No. 7, November 2011, pp, 26-27
12. 'India's Defence Budget 2011-12', *Defence Review Asia*, Vol. 5, No. 3, May 2011, pp. 33-36.
13. "India's New Defence Procurement Procedure", *Defence Review Asia*, Vol. 5, No. 2, March-April 2011pp. 23-26.
14. 'The MMRCA: Decision Expected Soon', *Defence Review Asia*, Vol. 5, No. 1, February 2011, pp. 12-16.
15. 'India's Growing Defence Industry Base', *Defence Review Asia*, Vol. 4, No 7, November 2010, pp. 31-36.
16. 'Defence Budget Explained', *Defence Review Asia*, Vol. 4, No. 6, Sep-Oct 2010, pp. 13-16.
17. 'The Saga of MBT Arjun', *Defence Review Asia*, Vol. 4, No. 4, June 2010, pp. 20-22.
18. 'Revisiting India's Defence Offset Policy', *Defence Review Asia*, Vol. 4, No. 3, May 2010, pp. 22-23

SELECT OTHER PUBLICATIONS

1. 'Examining India's Defense Innovation Performance', SITC Research Briefs, Series 10 (2018-10), May 2018
1. 'Buy Indian', *Defence Procurement International*, Winter 2016/17, pp, 33-33.
2. 'Make in India and the Private Sector', *Defence and Security Alert*, Vol. 7, No. 2, pp. 13-15.
3. 'Why India's Defence Preparedness is Hollow', *Rediff.com*, April 02, 2012
4. 'India Needs to Shore up Defences', *Gulf News*, March 09, 2011.
5. 'Rising Dragon, Slumbering Elephant: Chinese and Indian Defense Planning' *World Politics Review*, March 26, 2010.

6. "India-Iran Economic Cooperation", *World Focus*, August, 2005
7. "Iran-US Nuclear Standoff: The Role of EU", *South Asia Politics*, November 2005
8. "Energy Security", *Human Touch*, November 2005.

INTERVIEWS

1. Al Jazeera, '[Russia tilt' essential to India's strategic security](#)', March 08, 2022.
2. Reuters, "[India raises defence budget to \\$72.6 bln amid tensions with China](#)", February 01, 2023.

OTHER ASSIGNMENTS

1. Chaired the Special Lecture by Dr Pushpita Das on "India's Border Management: An Overview", organised by SCNSS on November 17, 2023.
2. Chaired the Special Lecture by Gp. Capt. KK Khera (Retd.) on "Indian Air Force Doctrine 2022", organised by SCNSS on May 03 2023.,
3. Chaired the National Security Lecture Series on "The Khalistan Issue: Past, Present & Future", organised by SCNSS on April 24, 2023.
4. Panel discussant, Book Discussion on Geopolitics in the Era of Globalisation: Mapping an Alternative Global Future, Organised by the SCNSS, JNU, April 08, 2022.
5. Co-ordinated the online International Symposium on "Taliban in Afghanistan: Implications and Strategy for the Region", held on September 04, 2021
6. Co-ordinated the online Panel Discussion on "Taliban in Afghanistan: Implications and Strategy for India", held on August 30, 2021.
7. Co-ordinated the 1st ever SCNSS Webinar lecture delivered by Dr. Ajay Kumar, Defence Secretary, Government of India, on "Recent Reforms in India's National Security Apparatus", held on June 02, 2021.

SELECT LECTURE/PRESENTATION IN CONFERENCES/WORKSHOPS/SEMINARS/WEBINARS

1. "Doing Business with Indian Defence Sector", lecture delivered at Sydney Defence Tech Dialogue, Sydney on November 09, 2023.
2. "Provisions of Make in India: Implications on Procurement and Defence Industry", lecture delivered at Command Accountant Officers' Conference 2023, held on September 05, 2023.
3. "Indian Defence Industry: Recent Reform Measures", online presentation made in the roundtable on Victoria-India Defence Tech Collaboration: Building Partnerships for the Future, organised by Australia India Institute, June 13, 2023.
4. "Economics of Defence Manpower", lecture delivered at the International Conference on Defence Finance and Economics, organised by the Ministry of Defence, Government of India, April 12-14, 2023.
5. "India's Defence Policy and Planning", lecture delivered at the International Seminar on India's National Security Policies, Strategies and Challenges, organised by the University of Rajasthan on December 20-21, 2023.
6. "AUKUS and India's Indo-Pacific Strategy", paper presented at the conference on "AUKUS Among Democracies: One Year Later", organised (online) by CIPS, uOttawa, October 03, 2022.
7. "India's High-Tech Strategy in the Era of Chinese Assertiveness", paper presented at the conference on "US-China Technology Rivalry and Strategic Choices for Middle

Powers in East Asia: An Economic Statecraft Approach”, organised by Sejong Institute, South Korea, September 30, 2022.

8. ‘Public Sector Defence Manufacturing in India”, Paper presented at SAIS-Carnegie India Security Workshop, held in Washington, D.C. on September 9-10, 2022.
9. ‘Budgetary Framework in GoI and Ministry of Defence & Defence Budget’, Lecture (online) delivered at Defence Financial Management Course (DFMC) for Army, organised by the PCDA (NC), MoD, August 23, 2022.
10. ‘Acquisition Process & Implementation’, TDF Manthan, organised by the DRDO, Vigyan Bhavan, August 02, 2022
11. ‘Decoding India’s Defence Budget 2022-23’, Expert Lecture Series, (online) organised by Rashtriya Raksha University, Gandhinagar, Gujarat, April 06, 2022.
12. ‘Defence Tenders and Bidding’, Online lecture delivered to students of 2-year MA (Security and Defence Laws), DDE, NALSAR University of Law, Hyderabad, March 11, 2022.
13. ‘India’s Defence Economy’, Expert Lecture Series, (online) organised by Rashtriya Raksha University, Gandhinagar, Gujarat, January 12, 2022.
14. ‘Financial Planning in Defence Est’, Management Development Programme on Financial Management for Arms & Service Officers of ARTRAC, AJNIFM, December 04, 2021
15. ‘Formulation of GSQR and RFP in Revenue Proc with Case Studies”, Management Development Programme on Financial Management for Arms & Service Officers of ARTRAC, AJNIFM, December 02, 2021.
16. ‘PPP Methodology and Make in Indian in Defence”, Management Development Programme on Financial Management for Arms & Service Officers of ARTRAC, AJNIFM, December 01, 2021.
17. ‘Important Provisions of DAP-2020”, Management Development Programme on Financial Management for Arms & Service Officers of ARTRAC, AJNIFM, November 29, 2021.
18. ‘Army Budget System for Revenue and Capital’, Management Development Programme on Financial Management for Arms & Service Officers of ARTRAC, AJNIFM, November 22, 2021.
19. ‘Strategic Partnership Model’, Online Management Development Programme on Defence Procurement for Indian Navy Officers, Organised by Arun Jaitley National Institute of Financial Management (AJNIFM), Faridabad, October 28, 2021.
20. ‘Defence Offsets’, Online Management Development Programme on Defence Procurement for Indian Navy Officers, Organised by Arun Jaitley National Institute of Financial Management (AJNIFM), Faridabad, October 27, 2021.
21. ‘New Offset Guidelines’, MP-IDSA-USIBC Round Table Meet on India-US Defence Procurement and Cooperation, MP-IDSA, New Delhi, October 27, 2021.
22. ‘Capital Acquisition Plans, Structure and Categories’, Online Management Development Programme on Defence Procurement for Indian Navy Officers, Organised by Arun Jaitley National Institute of Financial Management, Faridabad, October 25, 2021.
23. “Assured Budgetary Support”, Seminar on Integrated Capability Development System”, Organised by the HQ IDS, MoD & CENJOWS, September 10, 2021.

24. "Taliban in Afghanistan: Implications and Strategy for the Region", International Symposium on 'Taliban in Afghanistan: Implications and Strategy for the Region', organised by SCNSS, JNU, September 04, 2021.
25. 'Relationship Between National Security, Great Power Competition, Geoeconomics and Innovation: An Indian Perspective', paper presented in Conference on Evolving Relationship between Geo-Economics, Innovation, national Security and Great Power Competition, Organised by the University of California Institute on Global Conflict and Cooperation, 31 August-02 September 2021.
26. 'Budgetary Framework in GoI and Ministry of Defence & Defence Budget', Defence Financial Management Course (DMFC), Organised by Principal Controller of Defence Accounts (NC), J&K, August 23, 2021
27. 'Financial, Infrastructure & Testing Needs of the Industry', Defence and Security Conference: Post Covid-19, Organised by Global Counter Terrorism Council (GCTC) and Ministry of Defence, July 01-03, 2021
28. 'Defence Procurement Procedure & Defence Offset Policy of India', Dept. of Geopolitics and International Relations, Manipal Academy of Higher Education, Special Lecture, June 29, 2021.
29. 'Nature of Armed Conflict & Developments in Armaments Technology', Induction Course for AWM (Promotee), National Academy of Defence Production, Nagpur, April 06, 2021.
30. 'Trends in Procurement by the Indian Armed Forces', Induction Course for AWM (Promotee), National Academy of Defence Production, Nagpur, April 06, 2021
31. 'Defence Tenders and Bidding', NALSAR University of Law, Hyderabad, March 12, 2021.
32. 'Latest Defence Contracts and Issues in India', NALSAR University of Law, Hyderabad, March 12, 2021
33. 'Defence Acquisitions', NALSAR University of Law, Hyderabad, March 11, 2021.
34. 'Defence Budget 2021-22', SIDM Executive Council, Confederation of Indian Industry, March 08, 2021.
35. "Defence Policy and Planning", Faculty Induction Programme-IV, Organised by HRDC, JNU, February 04, 2021.
36. "Contract Design and Management for Procurement of Defence Goods/Services (Including Defence Offsets), Virtual Training of Army Officers, organised by National Academy of Audit and Accounts, Shimla, February 02, 2021.
37. "India's National Security Challenges", in International Webinar on Crisis of Security Challenges: A Global Concern, Organised by Dept. of Defence & Strategic Studies, Tuljaram Chaturchand College, Pune, January 15, 2021.
38. "Countering the China Challenge: From Borders to Cyberspace", Organised by LiveMint, January 04, 2021.
39. "Trends in India Defence Budgeting 2021-2030", Roundtable on Imperatives of IAF Force structure in the new Indo-Pacific Construct, organised by Bharat Shakti at Constitution Club of India, December 15, 2020.
40. 'Challenges of Defence Procurement', Training Programme for Indian Defence Accounts Service (IDAS) Probationers, organised jointly by the Gokhale Institute of Politics and Economics, Pune and NADFM, MoD, November 17, 2020.
41. 'Defence Offsets: Comparative Experience of Different Countries', Training Programme for Indian Defence Accounts Service (IDAS) Probationers, organised jointly

- by the Gokhale Institute of Politics and Economics, Pune and NADFM, MoD, November 17, 2020.
42. 'Make in India and Defence Production', Training Programme for IDAS Probationers, organised jointly by the Gokhale Institute of Politics and Economics, Pune and NADFM, MoD, November 18, 2020.
 43. 'Make in India', Arun Jaitley National Institute of Financial Management, Ministry of Finance, Faridabad, November 11, 2020.
 44. 'What ails India's military modernization: The Fault lines in Planning, Procurement, Budgeting and Industry', O.P. Jindal Global University, October 10, 2020.
 45. 'Defence Expenditure Reforms', National Security Council Secretariat (NSCS), Government of India.
 46. 'Defence Offset Policy of India: Challenges and Opportunities', Indian Institute of Foreign Trade, New Delhi, July 10, 2019
 47. 'Bolstering Make in India in Defence Sector', Defence Services Staff College, Wellington, July 02, 2019.
 48. 'Defence Production' RSIS-ISAS Workshop on India: Rising Power in an age of Uncertainty, Singapore, February 28, 2019
 49. "Examining India's Defence Innovation Performance" UC San Diego, December 13, 2017
 50. "Indian Defence Exports and Offsets", Elliott School of International Affairs, November 7-8, 2017
 51. "DPP/Offsets/Make in India", National Institute for Financial Management, Faridabad, January 31, 2017.
 52. "Make in India and Defence Production: Reforms, Opportunities and Challenges", Second Annual Memorial Lecture Series, Flying Officer Nirmal Jit Singh Sekhon, PVC, Air Force Association Gujrat branch, Ahmedabad, January 29, 2017.
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