

CURRICULUM VITAE



Dr. Sushma Devi

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QUALIFICATION

Ph.D.

Thesis Title: '**Understanding India's Cyber Security Challenges: A Study of Digital India Programme**'

Centre for Security Studies
School of National Security Studies
Central University of Gujarat

ICSSR Doctoral Fellowship Awardee (2018-19)

Master of Philosophy (M.Phil): 2013-2015

Total Marks Percentage=79.77%

Thesis Title: '**National Security in Digital Age: A Study of Cyber Security Challenges in India**'

Centre for Security Studies
School of International Studies
Central University of Gujarat

Master of Science (M.Sc.) in Information Technology, 2013

Total Marks Percentage=71.15%
Central University of Himachal Pradesh
Dharmshala (H.P.)

Bachelor of Computer Application (B.C.A.), 2011

Total Marks Percentage=69.24%
Gautum Girls Colleges
Hamirpur (H.P.)
Himachal Pradesh University

BOOK PUBLICATION

- “National Security in Digital Age: A Study of Cyber Security Challenges in India” **Book Publication in Academica Press**, Releasing Month is November 2018, ISBN: 978-1680534757, **Washington, DC**.

CHAPTER IN EDITED BOOK

- Cyberspace and Cyber security in the Digital Age: An Evolving Concern in Contemporary Security Discourse, in Brij Gupta, Dharma P. Agrawal and Haoxiang Wang (eds.) *Computer and Cyber Security: Principles, Algorithm, Applications and Perspectives*, **USA: CRC Press, Taylor & Francis Group**.

ARTICLE/RESEARCH PAPER PUBLICATION

- “Emergence of Cyber Security and transformations in the World Order” published in an international journal, *International Journal of Innovative Knowledge Concepts* in Vol. II, Issue 2, February, 2016 on under ISSN 2454-2415.
- “Cyber-Security in India: An Evolving Concern for National Security” published in an international journal *The Journal of Cyberconflict and Security*, in Vol. 1, Issue no. 1 (2018).
- “Cyber Security in India: Problems and Prospects” published in *IITM Journal of Management and IT* in Volume 6, Issue 1, January-June, 2015.
- “Cyber-security in the National Security Discourse: A Study of India’s Critical Infrastructure and Smart Cities” published in *World Affairs*, Vol 23, No. 2, Summer (April-June) 2019.
- “Conceptual Understanding of Human Security and its Challenges: A Case Study of Kashmir Valley” published in an international journal, “Golden Research Thoughts” in Vol. 4, Issue7, January 2015 under ISSN 2231-5063.

SEMINARS /CONFERENCE PAPERS/PRESENTATIONS

- A Paper presented in an International Conference on “Power Resistance and Justice in the International System: Perspective from the South” on 21st to 24th March 2015, held by JNU, New Delhi, paper entitled as “Emergence of Cyber Security and transformations in the World Order”.
- A Paper presented in a National Conference on “Cyber Security: A Panoramic View" on 21st March 2015, held by IITM, New Delhi, paper entitled as “Cyber Security in India: Problems and Prospects”.
- A paper presented in an International Conferences on “Transnationalism, Culture and Diaspora in the Era of Globalisation” on 21st -23st February 2018, held by Central University of Gujarat, Gandhinagar, Paper entitled as “Understanding the Strategic and Security Issues of Indian Diaspora”.

- A paper presented in an International Conferences on “Energy Future and Societal Perspectives” (ICEF-SP 2018) March 22-23, 2018 at PDPU, Gandhinagar, Gujarat, paper entitled as “Understanding India’s Green Energy development and Green Technology Transfer Cooperation”.
- Also, I have presented a Paper at the National Seminar on Recent Advances in Science, Literature and Humanities entitled “Securitising India’s Digital India Programme: Addressing the Challenges and Prospects”, on 26th March 2019, Government Degree College, Surankote, J&K.
- A paper presented at the International Youth Symposium (iNYS) on Sustainable Development Goals: Achievements, Roadblocks and Way Forward, entitled as “India’s Digital Age and Cyber Security: Analysing the Prospects and Challenges”, on February 1-2, 2019 at Gujarat University.
- A Participant and winner in a Poster Competition on the theme of “Right of peoples to Peace”, in an International Peace Conference on 21st September 2014 on the occasion of United Nations International Day of Peace 2014, held in Central University of Gujarat.
- A Participant in the international Conference organized by ISA-RCSL & the Central University of Himachal Pradesh on ‘*Sociology law on ‘Peace justice & Development’*’, held in CUHP from 10th-12th September 2011.
- A Participant in an International Conferences on “Transnationalism, Culture and Diaspora in the Era of Globalisation” on 21st -23st February 2018, held by Central University of Gujarat, Gandhinagar.
- A Participant in an International Peace Conference on 21st September 2014 on the occasion of United Nations International Day of Peace 2014, held in Central University of Gujarat.
- Participated in the Symposium on “Artificial Intelligence in the Digital Age: Issues and Challenges” on 15th December 2018 at Gujarat National Law University, in collaboration with UNCITRAL, Regional Center for Asia and the Pacific.

EXTRA PROFESSIONAL ACHIVEMENTS

- Two month Certified Training in Information and Cyber Expert from EH Infotech Chandigarh, Mohali.
- A Participant and qualified online exam in Three month online training IIRS Outreach Programme (2016), 18th course on 'Basics of Remote Sensing, Geographical Information System & Global Navigation Satellite System' conducted by ISRO- Dehradun.

WORKSHOPS

- A Participant in a One-Week Workshop on “Geographic Information Systems (GIS) and National Security” from March 01th to 07th March 2020, Organised by the Centre for

Security Studies, School of National Security Studies, Central University of Gujarat, Gandhinagar.

- A Participant in Two-day Workshop on “Maritime Journey of Contemporary Indian Society” Organised by the School of National Security Studies in collaboration with Maritime History Society and Department of Civic and Politics, University of Mumbai 26-27 February 2020.
- A Participant in a Five day Research Methodology workshop held from 4th to 8th March 2019 organised by Education Department in Central University Gujarat, Gandhinagar.
- A Participant in a Workshop on Strategic Issues for Young Scholars held on 6th to 10th November 2017 organised by Carnegie Empowerment for International Peace, held in Central University Gujarat, Gandhinagar.
- A Participant in an ICSSR sponsored Ten Day Research Methodology Workshop for PhD students in Social Sciences from 10th to 19th March 2016.
- A Participant in a Three day English language and communication skill workshop held from 27th to 29th March 2015 organised by Remedial Coaching Cell, held in Central University Gujarat, Gandhinagar.
- A Volunteer in an ICSSR sponsored Ten Day Research Methodology Workshop for PhD students in Social Sciences from 10th to 19th March 2016.

EXTRA ACADEMIC ACTIVITIES

- Student Council Member at Central University of Gujarat in the year 2014-15
- Academic Council Member (Nominated) at Central University of Gujarat in the year (2015-2016)
- Sports Committee Member at Central University of Gujarat in the year 2014-15
- Food Committee Member at Central University of Gujarat in the year 2014-15
- Winner in Badminton 2014-15 and 2016-17 in the sports meet of the university.
- Working as a volunteer in sports meet of the university from 2014 onwards.
- Winner in the group dance completions twice in the cultural events held in Central University Himachal Pradesh in the year 2011-2013.

RESEARCH INTEREST/AREA OF SPECIALIZATION

- Cyber Security
- Information, Communication and Technology
- National Security in the Digital Age
- Digital India
- National Security
- Environmental Security
- Information Technology

PROJECT AND TRAINING

- Two month certified training in Information and cyber expert (Ethical Hacking)
- Three month online certified training on 'Basics of Remote Sensing, Geographical Information System & Global Navigation Satellite System, ISRO
- Two month certified Web designing training in JOOMLA
- Project on online airline reservation system in DBMS

DECLARATIONS

I hereby declare that the above information is correct to the best of my knowledge.

Place: Gandhinagar

Date: 12/02/2022

(Sushma Devi)

