



Guru Jambheshwar University of Science & Technology, Hisar

A Memorandum of Understanding (MoU) was signed on 11 August 2009 between Haryana Space Applications Centre (HARSAC), Hisar and Guru Jambheshwar University of Science & Technology (GJUS&T), Hisar to jointly conduct the M.Tech. Geo-Informatics programme from the 2009–2010 academic session under a self-financing model. The programme follows a modular structure, awarding a Post-Graduate Diploma after one year and an M.Tech. degree after two years. Admissions are conducted jointly through entrance test and counseling. Classes and practicals are held at HARSAC with academic support from GJUS&T, and dissertations are jointly supervised. Both institutions collaborate in curriculum design, teaching, and evaluation, with fees shared in a 2:1 ratio. The degree is awarded by GJUS&T with HARSAC's name prominently reflected. The MoU is applicable till 1 July 2026.



Central University of Haryana (CUH), Jant-Pali, Mahendergarh

A Memorandum of Understanding (MoU) was signed on 14 January 2022 between the Central University of Haryana (CUH), Jant-Pali, Mahendergarh and Haryana Space Applications Centre (HARSAC), Hisar to strengthen academic and research collaboration, particularly in geospatial sciences. The MoU was extended on 19 June 2025 for an additional three years. Under this partnership, both institutions agreed to collaborate on joint academic programmes (M.Sc., M.Tech., Ph.D., and PG Diploma), co-supervised research, shared infrastructure and resources, and organization of seminars, workshops, training programmes, and research projects. The agreement ensures joint ownership of intellectual property, confidentiality of data as per Government of India

norms, and no financial liability on either side, while promoting capacity building and research excellence.



Chaudhary Charan Singh Haryana Agricultural University (CCSHAU), Hisar

A Memorandum of Understanding (MoU) was signed on 8 June 2012 between Chaudhary Charan Singh Haryana Agricultural University (CCSHAU), Hisar and Haryana Space Applications Centre (HARSAC), Hisar to enhance academic and research collaboration, especially in postgraduate programmes such as M.Sc., M.Tech., Ph.D., and Diploma courses. Under this partnership, students complete coursework at their parent institution, while research is jointly supervised by major and co-major advisors from both organizations, with shared access to laboratories, data, and infrastructure. The MoU ensures joint ownership of intellectual property as per ICAR policy and includes regular monitoring through a Joint Follow-up Committee. The agreement carries no financial liability and was later extended for another five years to continue promoting geospatial applications in agriculture and allied sectors.



भारतीय सर्वेक्षण विभाग
Survey of India
विज्ञान और प्रौद्योगिकी विभाग
Department of Science & Technology



विज्ञान एवं
प्रौद्योगिकी मंत्रालय
MINISTRY OF
**SCIENCE AND
TECHNOLOGY**

सत्यमेव जयते

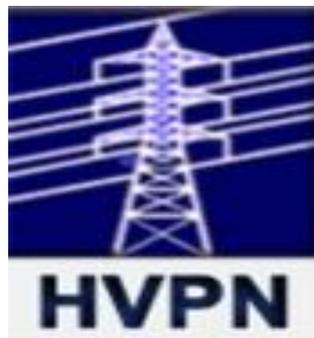
Department of Science and Technology, Government of India and Survey of India (SOI)

A Memorandum of Understanding (MoU) was signed on 26 August 2009 at New Delhi between the Department of Science and Technology, Government of India through Survey of India (SOI), and the Department of Science and Technology, Government of Haryana through Haryana Space Applications Centre (HARSAC), Hisar, for base mapping of 60 towns in Haryana using high-resolution (0.5 m) satellite data. Under the agreement, SOI handled satellite data procurement, DGPS surveys, GCP library preparation, geo-referencing, digital dataset supply, and development of a Geo-Portal with NSDI for data access via SWAN. HARSAC funded the project, prepared detailed urban base maps, digitized land-use features, integrated GPS-based amenities, and conducted ground verification. The MoU remained valid until project completion.



Vishwakarma Skill University (SVSU)

A Tripartite Memorandum of Understanding (MoU) was signed on 4 July 2023 between Shri Vishwakarma Skill University (SVSU), Drone Imaging & Information Services Haryana Limited (DRIISHYA Ltd.), and Haryana Space Applications Centre (HARSAC) to promote skill development in drone technology and geospatial applications in Haryana. SVSU will provide infrastructure, deliver theoretical training, manage admissions, and award certification, while DRIISHYA will establish a Drone Centre, provide DGCA-compliant pilot training, and certify trainees as RPTO. HARSAC will support orientation programmes, On-the-Job Training, monitoring, and coordination. The MoU is non-exclusive, ensures confidentiality for three years after termination, defines intellectual property rights, and aims to enhance industry-ready drone skills and employment opportunities.



Vidyut Prasaran Nigam Limited (HVPNL)

A Memorandum of Understanding (MoU) was signed on 12 June 2019 between Haryana Space Applications Centre (HARSAC) and Haryana Vidyut Prasaran Nigam Limited (HVPNL) for technical collaboration in route surveys of 66kV and above transmission lines in Haryana. HARSAC, the state's nodal agency for Remote Sensing and GIS, will use high-resolution satellite data, DGPS surveys, GIS analysis, and multi-criteria tools to identify optimized transmission routes ensuring minimal cost, statutory clearances, environmental safeguards, and safety compliance. The work includes base map preparation, identification of crossings, tower spotting, span and clearance analysis, and ground verification. HVPNL will provide technical inputs and logistic support, while HARSAC will deliver the optimized route upon

advance payment. The MoU is valid for five years with provisions for amendment, termination, and dispute resolution.



Indira Gandhi University (IGU)

A Memorandum of Understanding (MoU) was signed on 23 August 2024 at IGU Meerpur, Rewari between Indira Gandhi University (IGU) and Haryana Space Applications Centre (HARSAC), Hisar to strengthen academic and research collaboration in geospatial sciences and allied disciplines. The partnership covers postgraduate programmes (M.Sc., M.Tech., Ph.D., and PG Diploma), with joint supervision of research and shared access to infrastructure and geospatial data as per Government of India policies. The collaboration also includes joint seminars, workshops, research projects, publications, curriculum support, and submission of proposals to funding agencies. Research outputs and intellectual property will be jointly owned, with strict confidentiality maintained. The MoU is valid for three years and carries no financial liability for either institution.



National Remote Sensing Centre (NRSC), ISRO

An Amendment to the Memorandum of Understanding (MoU) originally signed on 16 January 2017 between the National Remote Sensing Centre (NRSC), ISRO, Department of Space, Government of India and Haryana Space Applications Centre (HARSAC) was executed to continue collaboration on the project "Monitoring of IWMP Watersheds Using Geospatial Technologies." The project, undertaken by NRSC for the Department of Land Resources (DoLR), Ministry of Rural Development,

focuses on monitoring and evaluation of IWMP watersheds through geospatial technologies. The MoU, initially valid up to March 2020 and later extended to March 2021, was further extended up to March 2023. Clause 5.2 was amended accordingly, while all other terms remained unchanged.



Indian Institute of Technology (IIT) Ropar

A Memorandum of Understanding (MoU) was signed on 31 October 2021 between Haryana Space Applications Centre (HARSAC), Hisar and Indian Institute of Technology (IIT) Ropar to enhance research and academic collaboration in Remote Sensing and Geospatial Technologies. The agreement promotes joint research, consultancy, staff exchange, sharing of research materials, and collaborative projects in areas such as RS, GIS, GPS, ICT, surveys, and natural resource management. It also provides for joint publications and shared ownership of intellectual property, with students allowed to have supervisors or co-supervisors from either institution. The MoU ensures confidentiality of shared data, includes provisions for amendments and dispute resolution, carries no financial liability, and is valid for one year, extendable by mutual consent.



Bhaskaracharya Institute for Space Applications and Geo-Informatics (BISAG)

A Memorandum of Understanding (MoU) was signed in November 2015 between Haryana Space Applications Centre (HARSAC), Department of Science and Technology, Government of Haryana, and Bhaskaracharya Institute for Space Applications and Geo-Informatics (BISAG), Department of Science and Technology, Government of Gujarat, for the development of the Haryana Spatial Data Infrastructure (HSDI). Under this collaboration, BISAG agreed to assist HARSAC in establishing a Geo-portal and clearing house framework in line with Government of India guidelines. BISAG provided Web-GIS engines, metadata services, e-map servers, customized applications, mobile technologies, and source codes, while HARSAC procured hardware and implemented the system. The project was

planned for completion within eight months, with provisions for capacity building and mutual amendment or termination.



Swarna Jayanti Haryana Institute for Fiscal Management (SJHIFM), Panchkula

A Memorandum of Understanding (MoU) was signed on 8 January 2026 between Swarna Jayanti Haryana Institute for Fiscal Management (SJHIFM), Panchkula and Haryana Space Applications Centre (HARSAC), Hisar to strengthen collaboration in economic policy research, fiscal management, SDG integration, and geospatial applications. The partnership covers joint research, impact evaluation of government schemes, capacity building programmes, faculty exchange, internships, student engagement, data sharing, and development of instructional and e-learning content. SJHIFM will support policy research and institutional coordination, while HARSAC will provide geospatial expertise and research support. The MoU is valid for three years, involves no financial liability unless separately agreed, ensures joint ownership of research outputs, and mandates confidentiality under applicable data protection laws.



NorthCap University (NCU), Gurugram

A Memorandum of Understanding (MoU) was signed on 21 November 2023 between The NorthCap University (NCU), Gurugram and Haryana Space Applications Centre (HARSAC), Hisar to enhance academic and research collaboration, particularly in geospatial sciences. Under the agreement, both institutions will work together in postgraduate programmes (M.Sc., M.Tech., Ph.D., PG Diploma) through joint supervision of research, shared infrastructure and data as per Government of India policies, and organization of seminars, workshops, and joint research projects. The MoU also provides for collaborative publications and shared intellectual property. It ensures confidentiality of

shared data, involves no financial liability for either party, and remains valid for three years, with provisions for amendment or termination by mutual consent.