

**Ministry of AYUSH
Government of India**

**Central Sector Scheme for the Establishment of AYUSH Grid under Champion
Services Sector Scheme for Medical Value Travel**

1. **Introduction:** M/o AYUSH has developed a Central Sector Scheme under Champion Services Sector Scheme (CSSS) –Medical Value Travel with component of establishment of AYUSH Grid. AYUSH Grid is a mega digital platform for connecting all AYUSH related institutions/ hospitals as well as the new hospitals to be developed under this scheme and all other such institutes/ units which are directly or indirectly benefitted/ associated with it to generate various types of data for the requirement of Information gathering, sharing and further processes, which is an urgent need and could be game changer initiative.
2. **Objectives:** AYUSH Grid will enable Ministry of AYUSH to generate real time data covering all aspects of AYUSH systems including services, products, education, production, market size, demand supply mapping etc. which will enable policy makers, regulators, researchers to make strategy accordingly. Service industry will also be supported with the help of data analysis of Artificial Intelligence and Machine Learning. Few important objectives are as follows:
 - i. Digitization of data of patients.
 - ii. Data of services as well as products.
 - iii. Learning management system.
 - iv. Capacity building of AYUSH Practitioners/ paramedics through online facilities.
 - v. Sharing of real time data amongst the stakeholders as per the requirement.
3. **Components of AYUSH GRID under CSSS:**
 - i. AYUSH Medical Tourism
 - ii. AHMIS
 - iii. Tele-consultation
 - iv. Education
 - v. e- Aushdhi
 - vi. Support to International AYUSH Information Cell
 - vii. Capacity Building for use of Systems

- viii. Up gradation, Radical interoperability & maintenance
- ix. Support to Autonomous Bodies under Ministry of AYUSH for developing digital infrastructure.

4. Component wise objectives:

4.1 AYUSH Medical Tourism Portal– A dedicated portal will be developed by the Ministry to provide end to end facilitation to the visitors visiting India for AYUSH based medical tourism. Portal will have the provisions for AYUSH Hospitals to enroll themselves on the portal. User charges will be applicable for enrolment as decided by the steering committee from time to time for self sustainability of the Ayush Grid. Portal will provide information of the various AYUSH hospitals enrolled on AYUSH Grid such as details about their infrastructure and services, access road, mode of transportation, nearby facilities and all such other information which visitors may require before deciding to consult the hospital for their services. Website of the empanelled hospitals may also be linked with AYUSH Grid, capturing Visa no. of foreign visitors etc.

4.2 A-HMIS – It is required to develop and implement HMIS for all international patients taking AYUSH treatment from India. It is required to develop each AYUSH system specific management information system. All demographic details of patients along with medical history will be captured in A-HMIS.

4.3 Tele-consultation – Telemedicine is one among the fast-emerging segments of health care that is gaining immense attention for its extensive growth and usage. Telemedicine/ Consultation is an efficient and cost-effective solution to extend quality healthcare services to remote places where health care delivery is non-existent or practically inaccessible. Therefore, Telemedicine will be used to provide facility of Tele Consultation globally for all recognized systems of medicine under Ministry of AYUSH, which will be helpful for patients treated under medical tourism in continuous consultation and follow up.

4.4 Education: For continuously upgrading of knowledge of practitioners and paramedics located across the globe for enhancing their skills and keeping them up to date with current trends in AYUSH. Therefore, a learning management system will be developed for conducting Online Courses in AYUSH for practitioners and paramedics practicing outside India. Online courses including training and assessment in various specialties under all recognized streams of AYUSH will be developed and practitioners/ paramedics can enroll and upgrade their knowledge by availing this facility as well as for its assessment.

4.5 e-Aushadhi – To track the logistics and inventory of various components imported or exported and the final product (drug) manufactured & supplied through various distribution channels till pharmacy.

These products/ produce will also be linked to the HS Code.

For e-tracking of raw material, for capturing the details of plantation, yield of species in metric ton, monetary benefits through DBT, online marketing of medicinal plants farm produced and harvested from wild, location of warehouses availability etc.

Apart from this, data related to the input activity and outcome deliverables through IT platform i.e., from pre-cultivation to marketing which includes Geo tagging of clusters/farmers land for real time monitoring, Cluster/ FPO database, Inputs supply linkage plan, Training, education and orientation of farmers through District Facilitation Centre for capacity building of farmers along with Quality certification labs linkages.

Further, Market linkages and price information: Building on E-Charak (<https://echarak.in/echarak>) and Online Portal for submission of Projects. DCGI will also be roped in for effective monitoring of Import / Export data.

4.6 Support for developing digital infrastructure at Autonomous Bodies under Ministry of AYUSH:

IT infrastructure will be developed at the Autonomous bodies to go digital for the various activities including Academia, Research, Hospital as well as administrative setup in alignment with the National Digital Health Mission.

4.7 Support to International AYUSH Information Cell –

Document management system is a system used to track and store documents and reduce hardcopy or paper which includes asset management system and risk management systems. Document Management System will be developed for making availability of important AYUSH related documents for public and other stakeholders as well as for all the practitioners of Indian Systems of Medicine in different countries to enroll in different categories depending upon their level of education and training. There will be a provision to upgrade their names in the next category depending upon additional training and education acquired by the practitioners.

4.8 Capacity Building for use of Systems- For training of users attached with the maintenance and operation of the AYUSH Grid, stakeholders, acclimatizing with the implemented information systems.

4.9 Maintenance Cost –For maintenance and up keeping of entire system and infrastructure.

5. Mode of Implementation –

5.1 AYUSH Medical Tourism Portal: A dedicated portal/ dashboard will be developed by the Ministry of AYUSH to provide end to end facilitation to visitors visiting India for AYUSH based medical tourism. This portal will be a part of Central AYUSH Grid.

5.2 A-HMIS: Each AYUSH system specific management information system will be developed by the Ministry of AYUSH. To develop and implement HMIS modern IT technologies including Artificial Intelligence (AI), Decision Support System (DSS), etc. will be considered.

5.3 Tele-consultation: A centralized infrastructure for Tele–medicine will be developed at the Ministry level.

5.4 Education: A learning management system will be developed. Learning management system will effectively manage sign ups/ registration, users, students, courses, online content, tutors, supervisors, calendars, hours, groups, access, notifications, communication/messages, certificates and reports.

5.5 e-Aushadhi: A digital central platform will be developed for e-tracking of raw material, for capturing the details of plantation, yield of species in metric ton, track the logistics and inventory of various components imported or exported and the final product (drug) manufactured & supplied through various distribution channels till pharmacy.

5.6 Support for developing digital infrastructure at Autonomous Bodies under Ministry of AYUSH: Financial assistance will be provided to the Autonomous bodies under Ministry of AYUSH to develop their digital platform including cost of hardware as well as software.

5.7 Support to International AYUSH Information Cell: Document Management system will be developed at the Ministry level and it will be the part of central AYUSH Grid.

5.8 Capacity Building for use of Systems: Periodic capacity building programs will be conducted at the Ministry level for the users attached with the maintenance and operational of AYUSH Grid as well as to help stakeholders to acclimatize with the implemented information systems.

5.9 Maintenance Cost: A corpus will be kept to meet out the expenditure for various types of maintenance of the implemented information systems at central level/ institute level.

6. Management of the Scheme:

- i. Agency/agencies will be hired through tender process after following all the codal formalities for various tasks at the central level.
- ii. Proposals will be invited from the Autonomous Bodies for developing their digital infrastructure. After initial scrutiny of the proposals by AYUSH Grid cell proposals will be placed before the steering committee for approval.
- iii. **Constitution of the steering committee:** A Steering Committee will be constituted to approve the proposals and to drive the implementation of the

project as well as to resolve the bottlenecks. The composition of the Steering Committee is as follows:

i. Secretary AYUSH	-	Chairman
ii. Joint Secretary (Ayush Grid)	-	Member
iii. Dir. (AIIA)	-	Member
iv. Advisor (Ayurveda)	-	Member
v. DDG/ Dir. (P/E), M/o AYUSH	-	Member
vi. Representative of IFD	-	Member
vii. Representative of MietY	-	Member
viii. Representative of MSME	-	Member
ix. OSD(AG)/Director (IT)	-	Member Secretary

7. Duration of the scheme - The Scheme is initially valid till 31st March, 2021 and can be extended beyond 31st March, 2021 after the approval of competent authority up to 31st March, 2023. Thereafter, the Grid will continue to function in self sustainable mode.

8. Provisions for revenue generations:

- i. The user charges will be applicable for various components to be utilized by various stake holders such as enrolling the hospital in AYUSH Grid, Medical tourism, use of A-HMIS, on line training courses etc.
- ii. The user charges and the facilities to be charged will be decided by the Steering Committee from time to time. The resources generated will be used to run the Grid on self sustainable mode after completing 03 years period of the scheme.

9. Mechanism for monitoring and evaluation – Monitoring and evaluation of all components will be done periodically by Designated Monitoring Committee. The composition of the Monitoring Committee is as follows:

i. Joint Secretary (Ayush Grid)	-	Chairman
ii. Advisor (Ay.)	-	Member
iii. CEO, NMPB	-	Member
iv. Industry representative (FICCI, PHD, CII etc.)	-	Member
v. Representative of Board of Governors for ISM	-	Member

- vi. Representative of Board of Governors for Homoeopathy - Member
- vii. Director, NIC - Member
- viii. Any other invitee co-opted by Chairman for a particular meeting - Member
- ix. **OSD(AG)/Director (IT) - Member Secretary**

10. Deliverables:

- i. A network of People, Knowledge and Technology for radical, sustainable and wholesome transformation of AYUSH sector, play a pivotal role in taking care of holistic health care needs (i.e. curative, preventive and promotive health) and socio- economic wellbeing of Indian citizens and further extending the benefits to entire world population.
- ii. An organic and dynamic information and communication technology (ICT) powered network interconnecting all streams of AYUSH in their key functional areas viz. health care delivery, capacity building, research & development, AYUSH drug regulation and education. This will be beneficial for all stakeholders of AYUSH and also helpful for effective governance. Strategies for development will be in sync with the national and international policies and health care needs.

11. Financial outlay: Year wise financial outlay of AYUSH Grid component is as follows:

Year	2020-21	2021-22	2022-23	Total
Rs. In Cr.	33.63 Cr.	30.26 Cr.	36.11 Cr.	100Cr.
