The objectives of the University are:

- Improvement of standards of medical education in Telangana
- Maintenance of uniform curriculum in all the affiliated colleges
- Conduction of a good quality basic and applied research, to arrive at solutions to the health needs of the people of Telangana

The university advocates and promotes improvisation of available natural resources for preparation of medicines for cure of human ailments, thereby bringing out the true spirit of the ancient proverb in scriptures" Vaidyo Narayano Harihi" By establishment of the university, all disciplines of health sciences are brought under one roof: namely modern medicine, ancient Indian systems of medicine, allied health sciences like dentistry, physiotherapy, nursing, paramedical sciences. The degrees awarded by the university are recognised by national statutory bodies like MCI, DCI, Central council of Indian Medicine, Central council of Homeopathy and Indian nursing council. The university strives to keep up the standards of education by strict adherence to rules governing each course as per the decisions of the respective councils.