

Report on
Six-day FDP on Indian Knowledge System in the Context of NEP 2020

18-23 December 2023

No of Participants : 38

Department of Humanities & Mathematics of G. Narayanamma Institute of Technology & Science (for Women) in association with IKS Research Center, Samskrita Bharathi, Telangana conducted a 6-day faculty development programme on “Indian Knowledge System in the context of NEP 2020” from 18th to 23rd December, 2023. Scholars and experts from various disciplines attended the FDP actively.

The inaugural function was conducted on 18th December at 10 am in the IT Seminar Hall. Swamy Bodhamayanada Maharaj, Director of Vivekananda Institute of Human Excellence, Ramakrishna Math, was the chief guest as well as the keynote speaker. Maharaj Ji, in his speech, mentioned the importance of curiosity, the pure mind and self-control in the process of learning concepts. He stressed how India has been influenced by regional politics, caste politics, language politics, religious politics and mind politics in recent years. Hence knowing about the Indian knowledge system is the need of the hour in the context of National Education Policy 2020. The participants were enthralled by Maharaj ji’s inspirational speech and enlightened by knowing the connection between knowledge and immense curiosity. Principal Dr. K. Ramesh Reddy, Dr. M. Madhavalata, HOD, H&M congratulated the convener and co-convener Mrs. V. Jahnvi, Dr. V. Vijayalakshmi and Dr. A.V. Narasimha Rao, PI, IKS research center for taking the initiative to conduct such an important programme in the institution. The morning session ended up at 12.45 pm.







(Co-ordinators and participants with Swamy Bodhamayanada Maharaj, Director of Vivekananda Institute of Human Excellence, Ramakrishna Math)

The afternoon session of day-1 started at sharp 2.00 pm. Dr.C.S.R. Prabhu, Director, R&D, KMIT was the chief guest. He provided insights to the participants regarding "High Technology in Ancient Sanskrit Manuscripts." He highlighted the references to contemporary technological advancements found in ancient Vedas and manuscripts during his enlightening session. He also described how the notion of high technology in ancient Sanskrit manuscripts has intrigued scholars, as some sophisticated engineering, and precise astronomical calculations have been identified in ancient Sanskrit writings purportedly containing descriptions of advanced scientific concepts and inventions and references to intricate machines. The revelation of employing yogic practices and Ayurvedic medicine in the Vedas to address certain contemporary diseases, for which modern medicine lacks a cure, comes as a significant disclosure. The interpretations of these writings differ, sparking debates over whether they convey authentic technological knowledge or are symbolic and metaphorical expressions. In his speech, he underscored the importance of further exploration and discussion in this direction among historians and researchers, aiming to bridge the gap between the best of both worlds. The session wound up at 3.30 pm with an insightful thought on modern and ancient knowledge. Ms. Smitha Mahindrakar, Assistant Professor of Management extended the vote of thanks.

The day-2 (19/12/2023) started with a session on “IKS in Education” by Dr. T. Mrunalini, Head, Dept. of Education, Osmania University, Hyderabad. She focused on the need to integrate ancient Indian Knowledge and modern education. She opined that ayurveda, yoga and the gurukul system are essential features of the Indian Knowledge System. Pushpaka Vimana of Ramayana is the pioneer of modern engineering concepts. Indian Knowledge Systems must be integrated into engineering for a better future. Ms. Anupama Venugopal, Assistant Professor of English extended the vote of thanks for the session. It wined up at 12.45 pm.



(Dr. T. Mrunalini)

Dr. Lokanandha Reddy, Professor, School of Management Studies, University of Hyderabad was the keynote speaker for the afternoon session. He enthralled the audience with his mesmerizing speech on “Life Skills from IKS”. He focused on the importance of the mother tongue. According to him, all parents must take the initiative to teach their children the importance of mother tongue. It is important to provide training to children to develop their language skills in their mother tongue. The speaker emphasized the language of Telugu as an example, which was relatable to the majority of the audience. Day 2 ended up with the vote of thanks extended by Dr. M. Aparna, in-charge- HOD, Department of H&M.

The third day of the FDP (20/12/ 2023) started with a fascinating speech by Dr. Korada Subrahmanyam, Professor of Sanskrit, Dept of Heritage Science and Technology, IIT, Kandi, Hyderabad on “Indian Grammatical Tradition- It is Universal”. He mainly focused on the study of Discourse in different systems of Indian Philosophy and the Pramanas in Indian Philosophy. He also shared his views on different aspects of Indian philosophy. The session ended up with a vote of thanks by Dr. S. Vasundhara, Assistant Professor of Mathematics, Department of H&M.

The afternoon session consisted of two eminent faculty. Dr. A.V. Narasimha Rao, who has more than 34 years of experience, took a session on “Introduction to Predictive Astrology”. He shared his insights on planets and the division of planets based on the position of Sun and Moon. He also spoke on konas, kendras, good and bad effects of planets and how astrology helps to make our lives better. Another session was taken by Ms. K. Roopa, faculty, Non-Formal Sanskrit Centre of the college. She spoke on “Sarvashreshta Bharateeya Sanskruti”. She spoke on the importance of Indian culture and practices and also on how great our practices are for the development of the country. Ms. B. Himabala, Assistant Professor of English extended the vote of thanks for the session.



(Dr. A.V. Narasimha Rao delivering the speech on ‘Predictive Astrology’)

The fourth day of the FDP (21/12/2023) started with a session on “Need of Indian Psychology in IKS” by Dr. JSR Prasad, Professor at Hyderabad Central University. The speaker opined that IKS cannot be separated from modern science. Creation is made of matter and energy. The energy called ‘Parabrahman’ can be appeared in any form. Awakened state, sleep state and deep sleep state are the three states of mind which are seen in Bhagavat Geeta. This concept is there in modern psychology. Swastha vrutha, the healthy lifestyle brings positivity to mind also. The session was thought-provoking. Ms. Elizabeth Kavita, Assistant Professor of English extended the vote of thanks.



*(Dr. JSR Prasad is receiving a token of gratitude from Ms. V. Jahnavi,
Senior Asst. Prof, Dept. of H&M)*

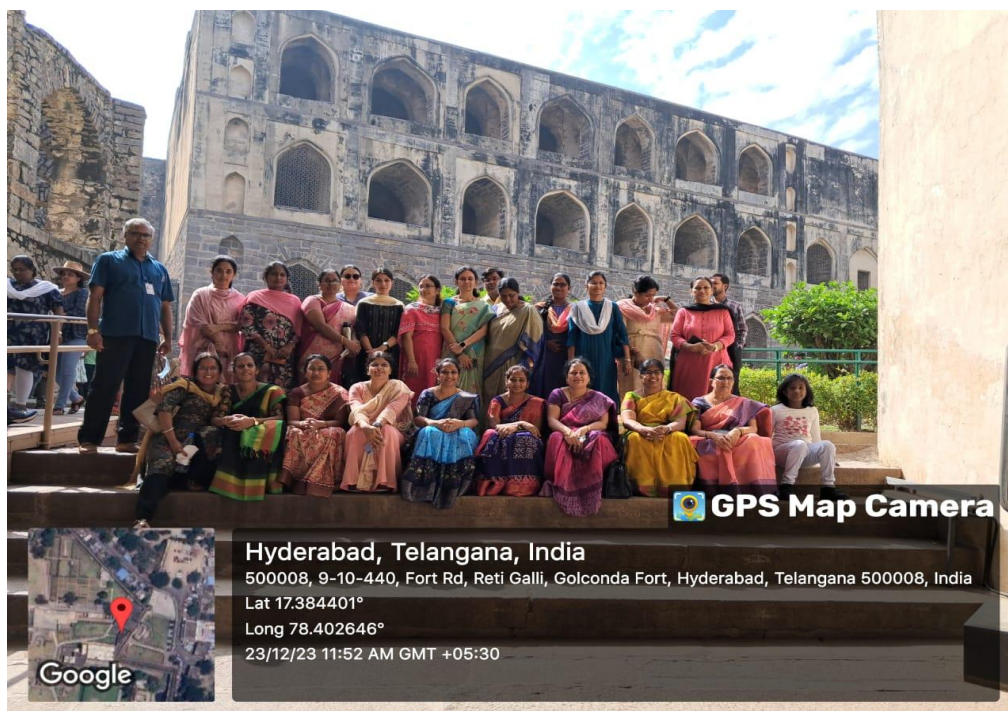
The afternoon session started at 2.00 pm. Dr. B.Sai Kiran, Educational Psychologist lead an enthusiastic “Vedic Maths” session. The speaker provided insights to the participants regarding the evolution of the number system, the history of Vedic mathematics and mathematics’ link with intelligence. He mentioned Vedic Maths as higher human intelligence. He handled practical sessions on Arithmetic by using Vedic Maths. The session was engaging as the participants were instructed to do brain exercises. The session ended with a vote of thanks delivered by Ms. E. Pranavi.



(Participants along with Dr. B. Saikiran)

The fifth day began with a session on “IKS Research Centre-SBT and Food Processing and Preservation Methods to Reduce Food Scarcity” was handled by Prof. A. V. Narasimha Rao, Principal Investigator of IKS Research Centre, Samskruta Bharati, Telangana. He shared a varied knowledge of Vedas, Upanishads, Jnana, Vijnana, and emphasized on Bhagavad Gita. According to him, the common good is to be prioritized over individual goals, from an early stage of life. He highlighted how Gita is relevant for the students to take up education and career growth. The session ended with a vote of thanks delivered by Dr. T. Malathi Latha.

The afternoon session on “Significance of Vedic Mathematics in IKS Domain in the Realms of NEP-2020” was handled by Dr. G. Suresh Babu. He focused on calculus, the significance of Vedic mathematics and Vedic sutras. The session ended with a vote of thanks delivered by Dr. M. Nagasree.



(Local Tour to Golconda Fort)

On the sixth day (23-12-2023), the FDP concluded with a local tour to Golconda Fort to reflect on the importance of experiential learning, a key component of NEP 2020. It is followed by a valedictory function where convenor Ms. V. Jahnvi presented the report of FDP. Dr. P. Aparna, Dean of Student Affairs distributed the certificates to the participants. Dr. M. Madhavi Lata, HOD, H&M department felicitated the function. Co-convenor Dr. V. Vijayalakshmi delivered the vote of thanks. The FDP was successful with discussions, exploration and a deeper understanding of the Indian Knowledge System within the framework of NEP 2020.



(Closing Ceremony)