CENTRAL UNIVERSITY OF KARNATAKA

TWO-DAY NATIONAL WORKSHOP ON

Indian Knowledge Systems: Focus Areas of Research

JULY 21-22, 2023

OUR UNIVERSITY

Central University of Karnataka (CUK), Kalaburagi is a torch bearer for the aspirants of higher education in the Kalyana Karnataka Region. CUK was established by the Government of India to address the concerns of equity and increase the access to quality higher education for the people living in educationally less developed areas which has a Graduate Enrolment Ratio of less than the national average of 11%. The University is located in lush green campus of 654 acres and is the first of all the newly established central universities to move to its permanent campus in a short time.

The main objective of this growing university is to provide quality-based teaching, learning, training, research, innovation and skill development at undergraduate, postgraduate and doctoral levels to shape out capable and committed young workforce with values and ethos who would play an important role in nation building. The university offers programmes in six major areas: Humanities, Earth Sciences, Social Sciences, Management, Natural Sciences, and Engineering. The university is working towards making the campus green, energy efficient and sustainable.

PATRON

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CENTRAL UNIVERSITY OF KARNATAKA

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PROF. BASAVARAJ P. DONUR
DIRECTOR, ACADEMICS
CENTRAL UNIVERSITY OF KARNATAKA

CONCEPT NOTE

The pursuit of Knowledge (Jñāna), wisdom (Prajñā), and truth (Satya) was always considered in Indian thought and philosophy as the highest human goal. Indian Knowledge System (IKS) encompasses all of the systematized disciplines of Knowledge which were developed to a high degree of sophistication in India from ancient times and all of the traditions and practices that the various communities of India—including the tribal communities—have evolved, refined and preserved over generations. Indian Knowledge System (IKS) include knowledge from ancient India and modern India in the areas of mathematics, astronomy, philosophy, science & technology, yoga, architecture, medicine, agriculture, engineering, linguistics, literature, sports, games, governance, culture, polity & conservation. The national educational policy 2020 (NEP, 2020) recommends the incorporation of Indian Knowledge System (IKS) into the curriculum in an accurate and scientific manner at all levels of education. Accordingly, UGC recently (2023) has documented the guidelines for incorporating Indian Knowledge in higher education curricula. In line with the above, Central University of Karnataka is taking its first stride to organize a national-level workshop with the help of eminent and expert resource persons in various disciplines of Indian Knowledge.

OBJECTIVES

The objectives of this workshop are:

- To create and update the research capabilities of the faculty members/research scholars in IKS with a vision to promote interdisciplinary and transdisciplinary research in specific disciplines of IKS for further innovations and societal applications.
- To equip faculty from various disciplines with the necessary guidance to incorporate IKS into the curriculum
- To provide a platform and foster young researchers /academicians to discuss new research ideas with experts in specific disciplines and fields of IKS

RESOURCE PERSONNEL

Dr. Venkatanarayan Ramanathan is a faculty of Chemistry at IIT, Banaras Hindu University. He is also a member of curriculum drafting committee for the incorporation of Indian Knowledge Systems in higher education. During the national workshop, he would deliver a keynote address on **'Bharat's contribution to Chemistry, Material Science and Metallurgy'**

Dr. C. Upender Rao is a Professor in the School of Sanskrit and Indic Studies at Jawaharlal Nehru University, New Delhi. He is specialized in Sanskrit Language, Literature and Poetics, Pali and Early Buddhist literature. Prof. Rao was also a Visiting Professor in Cambodia on ICCR chair, Govt. of India. During the national workshop, he would speak on **'The Spread of Ramayana in Cambodia and Revisiting the Ancient Indian Sciences'**

Sri. Venugopal Heroor is a retired Charted Engineer, Kalaburagi. He has authored many books in the field of Mathematics, such as *'Bijaganitavatamsa', 'Bharatiya Trikonamiti Sastra'*, etc. During the workshop he would be delivering a lecture on **'Aryabhata of Kusumapura'**

Dr. Ramakrishna Pejathaya is an Associate Professor at Chanakya University in the School of Arts, Humanities & Social Sciences Centre for Indian Knowledge Systems. He has been conferred the title of 'Astavadhana-Vicaksana' recently. In the national workshop, he would deliver a lecture on **'Arts and Culture: A vehicle for Eternal Values'**

Dr. Vinayak Rajat Bhat is a faculty at Chanakya University, Karnataka. He is specialized in Vyakarana (Linguistics), Arthashastra (Public administration), Indian health system (Ayurveda) and Itihasas. He is also a co-author of the book "Introduction to Indian Knowledge Systems: Concepts and Applications." During the national workshop, he would debunk the myths prevailing on Indian Knowledge Systems and he would deliver a lecture on **'Indian Insights on Public Administration and Governance & Indian Perspectives on Health and Managing Lifestyles'**

ORGANIZING SECRETARIES

DR. BASAVARAJ KUBAKADDI, DEPARTMENT OF LAW
DR. R.K. CHAITANYA, DEPARTMENT OF LIFE SCIENCE

ORGANIZING COMMITTEE

DR. RAJEEV S. JOSHI, DEPARTMENT OF PHYSICS
DR. S. LINGAMURTHY, DEPARTMENT OF ECONOMICS
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LAST DATE OF SUBMISSION: 10.07.2023