



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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Headline: AICTE's Indian Knowledge Systems (IKS) Division receives an overwhelming response for its research project; selects 15 proposals in six focus areas

Sub Headline 1: AICTE received 156 research proposals for nine focus areas. One third applications were for Science, Engineering, Technology

Sub Headline 1: Selected proposals will be funded with Rs.10 lakhs for a period of two years by IKS Division.

New Delhi, February 12: The Indian Knowledge Systems (IKS) Division of All India Council for Technical Education (AICTE) today announced that it has received an overwhelming response for its research project, and out of 156 applications received selected 15 projects proposals in six focus areas.

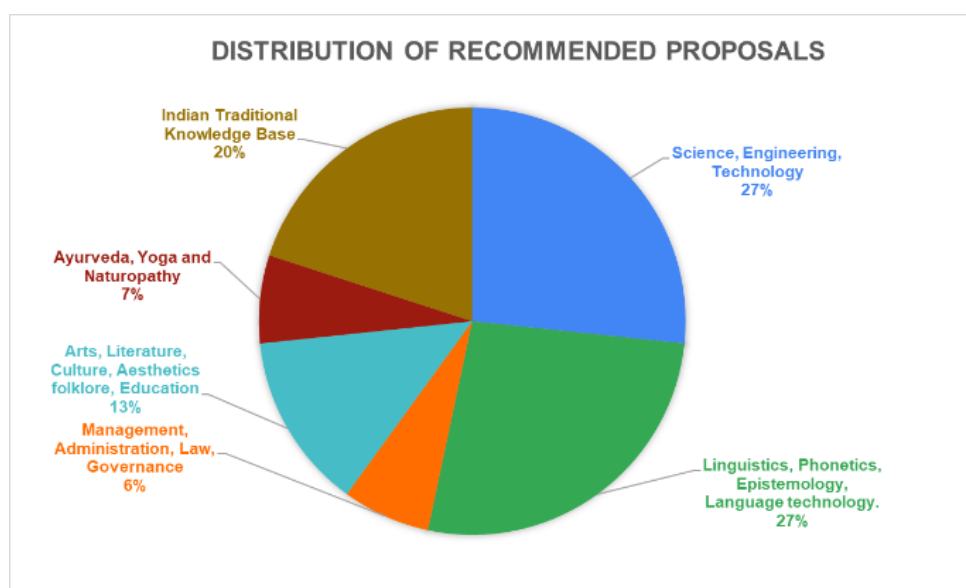
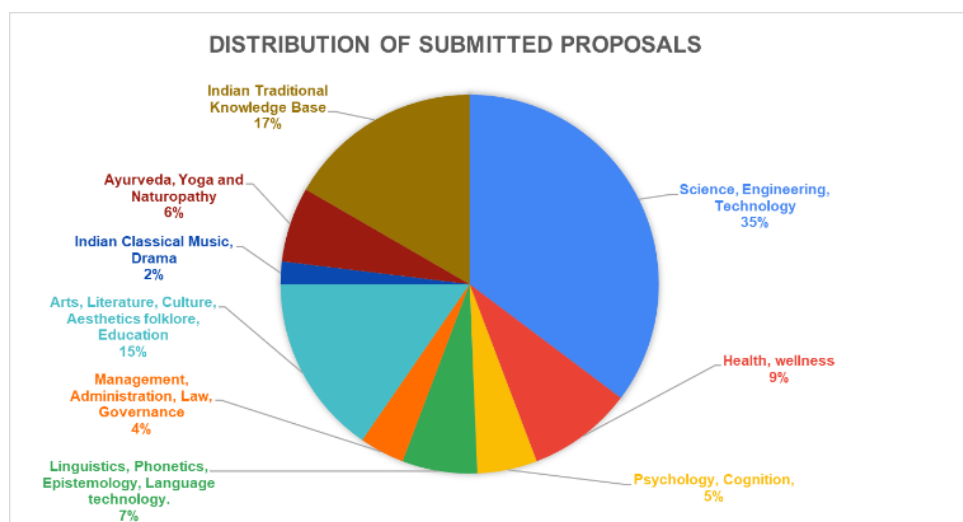
Almost 1/3rd of the applications received were for **Science, Engineering, Technology**, and only four were selected. Among others, four were selected for **Linguistics, Phonetics, Epistemology, Language Technology**, three for **Indian Traditional Knowledge Base**, two for **Arts, Literature, Culture, Aesthetics Folklore, Education**, and one each for **Management, Administration, Law, Governance, and Ayurveda, Yoga & Naturopathy**.

Commenting on the program, Prof. Anil Sahasrabudhe, Chairman, AICTE, said: "The main objective of this Research Project is to promote research in the field of IKS at various levels by providing opportunities to scholars in research projects on the themes of their choice and among the major areas of investigation identified by the IKS or in the IKS's own projects and related disciplines. The objective of this is to create and update the general research capabilities of the faculty members in IKS of various institutes in the country. We were overwhelmed with the number of applications and after a meticulous scrutiny process, 15 were selected."

Research and development activities in IKS is an essential component of the education system since it creates new knowledge and insight and impart excitement and dynamism in NEP2020, as well as making them need-based in view of the national requirements.

The grand vision for the IKS Division of Ministry of Education at AICTE is to initiate a process of training generations of scholars who will show the 'Indian way'. The IKS Division of Ministry of Education at AICTE has been established with a vision to promote interdisciplinary and transdisciplinary research on all aspects of IKS update and disseminate IKS knowledge for further innovations and societal applications.

Focus Area	Received Proposals	Selected
<i>Science, Engineering, Technology</i>	55	4
<i>Health, wellness</i>	14	
<i>Psychology, Cognition</i>	8	
<i>Linguistics, Phonetics, Epistemology, Language technology</i>	10	4
<i>Management, Administration, Law, Governance</i>	6	1
<i>Arts, Literature, Culture, Aesthetics folklore, Education</i>	24	2
<i>Indian Classical Music, Drama</i>	3	
<i>Ayurveda, Yoga and Naturopathy</i>	10	1
<i>Indian Traditional Knowledge Base</i>	26	3
	156	15



List of selected proposals

S.N	Name of the PI	Title of the proposal	Name of University/Insitutions
1	Dr. Laxmidhar Behera	Impact of Indian Classical Raga on human cognitive function A neuropsychological study using EEG	IIT Kanpur
2	Dr. Amba Kulkarni	Sanskrit Word Order following the Steps of target language	University of Hyderabad
3	Dr. Rabi Narayan Mohanty	Traditional Principles of Settlement Planning in Heritage Temple Sites of Odisha / erstwhile Kalinga Region	IIT BHU, Varanasi
4	Prof. Parameshwari K	Sanskrit to Indian Language Machine Translation cum Language Accessor	University of Hyderabad
5	Dr. Anil Kumar Gourishetty,	Development of conversational Sanskrit translator using Neural Machine Translation.	IIT Roorkee, Uttarakhand
6	Dr. Avlokita Agrawal	Designing a Prototype settlement for a Contemporary Sustainable Town as per the prescriptions of Vaastushastra	Indian Institute of Technology, Roorkee
7	Prof. V. Ramanathan,	Exploring mineral acids in Rasayana Shastra texts from ancient and medieval India	IIT BHU, BHU Campus, Varanasi
8	Dr.Somashekara	Development of Ecofriendly Ancient Indian Clay, Ceramic Idols/potters of Traditional Importance by Extrusion Based 3D printing	IIT Dharwad WALMI campus, Karnataka
9	Dr. Sanjay Swami	Revitalizing Indigenous Knowledge of Sustainable Farming Practices in North East India by Integrating Conservation, Research and Entrepreneurship	School of Natural Resource Management, College of Post Graduate Studies in Agricultural Sciences, (CAU-Imphal), Umiam Meghalaya
10	Dr. V. Jothiprakash,	Decoding Ancient Knowledge of Temple Tanks on Lord Shiva's Pancha Bootha Sthala	IIT Bombay
11	Sh. Tapan Kumar Basantia	Reflections of Traditional Indian Knowledge in Pala and Daskathia and their Educational Implications in Rural Social Context	Central University of South Bihar
12	Prof. Arnab Bhattacharya	Automated Question-Answering System for Ramayana	IIT Kanpur
13	Dr. Nagendra Kumar	Combustion experiments to understand the by-products of the Agnihotra Pricess	IIT Bombay
14	Dr. Sukhada	Neeti Shastras and Modernity: Understanding the Reflective Equilibrium between Hermeneutics of Normative Texts and Practice	IIT(BHU), Varanasi.
15	Dr. Anurag Tripathi	Analysis of Sound Spectrum of Mantras and their Relation with Geometric Patterns of Yantras	IIT Kanpur

***** END*****

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