



CENTRAL UNIVERSITY OF KARNATAKA

CENTRAL UNIVERSITY OF KARNATAKA KALABURAGI, KARNATAKA

RESEARCH AND DEVELOPMENT CELL



Prof. N Sathyanarayana
Director

The Central University of Karnataka established the Research and Development Cell to strengthen the Research Ecosystem, enhance Research Quality, and foster Research Activities. The recent circular by the UGC also emphasized the significance of the R & D Cell in Universities and Higher Education Institutions (HEIs).



Mr. Nargaraj Kamble
Upper Division Clerk

The R&D Cell in HEIs will pave the way for innovations and intellectual property gains to be expanded over time. It can contribute meaningfully towards the goal of Atma Nirbhar Bharat (Self-reliant India), which is aligned with the provisions of National Education Policy - 2020 (NEP-2020). This will also play a crucial role in catalyzing the research culture in HEIs as envisaged under NEP-2020 for reliable, impactful, and sustainable research output.

Objectives

- ✚ To implement the research mandates of NEP-2020
- ✚ To promote sponsored research and consultancy
- ✚ To explore the funding opportunities for research
- ✚ To facilitate collaborations of research through MoUs
- ✚ To formulate the policy for strengthening the university research ecosystem
- ✚ To develop a framework to enhance the research quality and productivity
- ✚ To foster research activities that is recognized and rewarded

Functions:

- To serve as a nodal center for coordination between other cells associated with the research promotion and activities.
- To create enabling provisions in research policies for recruiting research personnel, procuring equipment, and financial management with adequate autonomy to the Principal Investigator (s) and disseminate research outcomes to stakeholders and the public.
- To develop an institutional research information system/database for sharing the status of ongoing/completed research projects/programs, available/accessible thrust areas of research, expertise, resources, etc., to provide consultancy services.
- To constitute various committees that promote research activities and facilitate implementation of its recommendations as envisaged in UGC R & D Guidelines.
- Liaison between researchers and research funding agencies to monitor progress and oversee adherence to project timelines.
- To engage and utilize the services of superannuate active faculty/scientists in research capacity building of talented young minds at HEIs and promote mobility of researchers across institutions and R & D Labs.
- To facilitate individual, departmental, and institutional research projects that are highly impactful, socially relevant, locally need-based, nationally important, and globally significant.
- R and D cell is headed by the Director and supported by the Deputy Director and other supporting staff. It is governed by the Research Advisory Committee (RAC) chaired by the vice-chancellor.
- The RAC helps frame guidelines, develop a research ecosystem, and ensure research quality. It also supports supporting systems like research and consultancy cells, intellectual property cells, innovation cells, and entrepreneur development cells.

COMMITTEES FOR

The Governance Of Research And Development Cell (CUK-RDC)

As per the mandate of the National Education Policy (NEP) 2020, the Central University of Karnataka has established a Research and Development Cell to put in place a robust mechanism for developing and strengthening the research ecosystem within the university, aligned with the provisions of NEP-2020.

For the effective governance of the RDC, the following committees have been constituted

I. RESEARCH ADVISORY COUNCIL (RAC)

Sl. No.	Name/Designation	Position in RAC
1.	Vice-Chancellor	Chairman
2.	Prof. N Sathyanarayana , Director, RDC	Convenor
3.	All Deans of School	Members
4.	Prof. Basavaraja Donur , HoD, Dept. of English	Member
	Prof. Vijayendra Pandey , HoD, Dept. of Psychology	Member
	Dr. Janardhana Reddy , HoD, Dept. of Mathematics	Member
	Dr. D. Goutam , HoD, Dept. of Tourism and Hotel Management	Member
	Dr. M Amarendra , HoD, Dept. of Electrical Engg.	Member
5.	Registrar	Member
6.	Finance Officer	Member

Functions:

1. To create an organizational structure with role-based functions of RDC, formulate major Research Policies for CUK, identify thrust areas of research, and form related cluster groups/ frontline teams/consortia of researchers.
2. To develop an Institutional Research Information System for sharing the status of ongoing/completed research projects/Programmes, expertise & and resources, etc., making effective use of Information and Communication Technology (ICT) for preparing the database of in-house experts to provide industrial consultancy and services.
3. To engage and utilize the services of superannuated active faculty/scientists in research capacity building of talented young minds and promote mobility of researchers across institutions and R&D Labs.

SUB-COMMITTEES UNDER THE RDC

There will be six sub-committees under the RDC, each with its own composition and functions.

I. FINANCE AND INFRASTRUCTURE COMMITTEE (FIC)

Composition		
Sl. No.	Name	Position in FIC
1.	Prof. Hanume Gowd, Dept. of Chemistry	Chairman
2.	Finance Officer	Member
3.	Dr Shivakumar Belli, Dept. of Management	Member
4.	Dr Ravi Kangai, Dept. of History	Member
5.	Mr Niteen Bhimrao, Dept. of Electrical Engg.	Member
6.	Dr. Rakesh Kumar, Dept. of Life Science	Member

Functions:

1. To act as a liaison between researchers and relevant research funding agencies, extend guidance in the preparation and submission of project proposals, and post-sanctioning of the grants to oversee adherence to timelines.
2. To create enabling provisions in Research Policies for recruitment of research personnel, procurement of equipment, and financial management with adequate autonomy to the Principal Investigator(s) and disseminate research outcomes to stakeholders and the public.

II. RESEARCH PROGRAMME, POLICY DEVELOPMENT COMMITTEE

The Research Programme Policy Development Committee is a school level committee, the heads of which will be the Deans from the related/relevant schools (senior most Dean, if there are more than one schools under the broad categories listed below). These sub-committees will consist of two internal members from within the respective/relevant schools and two external members from other institutes of repute (national/international).

For the operational reasons, the departments under the CUK are categorized under the following six schools

1. **School of Natural Sciences:** Physics, Chemistry, Life Science, Mathematics, Geology and Geography
2. **School of Social and Behavioural Sciences:** Psychology, Social work, History, Public Administration,
3. **School of Engineering and Technology:** Computer Science, Electronics and Communication, Electrical Engineering

4. **School of Business Studies:** Business Studies, Commerce, Economic Studies and Planning
5. **School of Humanities and Languages:** Kannada, English, Hindi, Foreign Languages, Music and Fine Arts, Folklore and Tribal studies
6. **School of Professional Studies:** Education, Journalism and Mass Communication, Law, Tourism & Hotel Management

Assigned roles:

- ✚ To establish a favorable academic environment for faculty members and research scholars to conduct research.
- ✚ To monitor smooth functioning and timely review of research work and assure researchers that it will be conducted per ordinances/regulations.
- ✚ Encourage faculty members to publish their work in high-quality peer-reviewed journals like Scopus Indexed, Web of Science (WoS), or UGC-CARE-recognized journals.
- ✚ To manage and facilitate optimizing resources through external funding/grants from various government/nongovernment organizations and industries.
- ✚ To sign MoUs with several Foreign Universities/Institutions for short-term student/faculty exchange programs from the Universities/Institutions of different Foreign Countries.

The following committees have been suggested by the Deans of the respective school;

Sl. No.	Name of the School & Composition	Position in RPC
SCHOOL OF SOCIAL AND BEHAVIOURAL STUDIES		
1.	Prof. R M Channaveer , Dept. of Social Work, CUK	Chairman
2	Prof. Pavitra Alur , Dept. of Social work, CUK	Member
3.	Prof. Vijayendra Pandey , Dept. of Psychology, CUK	
4.	Dr. Subhasis Rana , Department of Health Psychology, University of Hyderabad.	Member
5.	Dr. Abhijit Dandekar , Associate Professor, Deccan College, Pune	Member
SCHOOL OF NATURAL SCIENCES		
1.	Prof. N Sathyanarayana , Dept. of Life Science, CUK	Chairman
2.	Prof. Raghavaiah , Dept. of Chemistry, CUK	Member
3.	Dr. Ponnam Anjyaneyulu , Dept. of Physics, CUK	Member
4.	Prof. Desai Narayana Rao , Retd. Professor of Physics, University of Hyderabad	Member
5.	Prof. Y Srinivasa Rao , Department of Geosciences, Adikavi Nanayya University, Rajamundry	Member

Sl. No.	Name of the School & Composition	Position in RPC
SCHOOL OF PROFESSIONAL STUDIES		
1.	Prof. G R Angadi , Dept of Education, CUK	Chairman
2.	Prof. Basavaraja Kubakaddi , Dept. of Law, CUK	Member
3.	Prof. D Gautam , Dept. of Tourism and Hotel Mgt., CUK	Member
4.	Prof. Madhusudhan J.V , DoETT, University of Hyderabad	Member
5.	Prof. N Venkateswarulu , Dept. of Law, University College of Law, Osmania University, Hyderabad	Member
SCHOOL OF ENGINEERING AND TECHNOLOGY		
1.	Prof. Srikantaiah KC , Dept. of Computer Science, CUK	Chairman
2.	Dr. Paramesha , School of Engineering, CUK	Member
3.	Dr. Amarendra , Dept. of Electrical Engg., CUK	Member
4.	Prof. Srinivasa KG , Dept. of Data Science and Artificial Intelligence, IIIT, Naya Raipur, Chhattisgarh, India.	Member
5.	Prof. P Laxminarayana , Director & NERTU, Osmania University, Hyderabad	Member
SCHOOL OF HUMANITIES AND LANGUAGES		
1.	Prof Vikram Visaji , Dept. of Kannada, CUK	Chairman
2.	Prof. Basavaraja Donur , Dept. of English, CUK	Member
3.	Prof. Ganesh Pawar , Dept. of Hindi, CUK	Member
4.	Prof. Romate John , Dept. of Psychology, CUK	Member
5.	Dr. Remya , Department of History & Archaeology, CUK	Member
SCHOOL OF BUSINESS STUDIES		
1.	Prof Pushpa Savadatti , Dept. of Economics, CUK	Chairman
2.	Dr. Pandurang Patti , Dept. of Commerce, CUK	Member
3.	Dr. Shivakumar Belli , Dept of Management, CUK	Member
4.	Prof. Rajashekar , Director, ISEC, Bangalore	Member
5.	Prof. Banumurthy , VC, BASE, Bangalore	Member

COMMITTEE-III: COLLABORATION AND COMMUNITY COMMITTEE

There has been an increased emphasis on collaborative research by pooling the intellectual resources and scientific equipment of different institutes/universities to produce more meaningful research. Central University of Karnataka has already facilitated several collaborative research projects. The university has also networked and signed MoUs with institutions of national repute. The university will scale up all its efforts to connect with the community by conducting research relevant to the local community.

Sl. No.	Name	Position in CCC
1.	Prof. R M Channaveer, Dept. of Social Work	Chairman
2.	One member from each school (Academic member)	
	Dr Deepak Samuel, School of Natural Sciences	Member
	Dr. Paramesha, School of Engineering & Technology	Member
	Dr Arjun Rao, School of Social and Behavioural Sciences	Member
	Dr Rohinaksha, School of Humanities and Languages	Member
	Dr.Basavaraj M, School of Business studies	Member
	Dr Guru Bagewadi, School of Professional Studies	Member
3.	Shri S S Patil, Swavalambi Bharat, Sultanpur Gram Panchayat	Community Member
4.	Shri Gundappa, Organic Farmer, Pattan Village	Community Member

Functions:

To establish a special purpose vehicle to promote researchers and innovators and identify potential collaborators from industry, research organizations, academic institutions, and other stakeholders for cooperation and synergistic partnerships and enable societal linkages.

COMMITTEE IV: PRODUCT DEVELOPMENT, MONITORING, AND COMMERCIALIZATION

Sl. No.	Name and Designation	Position in PMC
1.	Prof. N Sathyanarayana , Dept. of Life Sciences	Chairman
2.	Dr Rajeev Joshi , Dept. of Physics	Convener
3.	Dr Harish Holla , Dept. of Chemistry	Member
4.	Dr E Sujata , Dept. of Life Science	Member
5.	Dr Oinam Bedajit Meitei , Dept. of Media Studies	Member
6.	Dr Anant D. Chinchure , Dept. of Law	Member
7.	Mr Rabindranath Pandit , Deputy Registrar	Member
8.	Dr V Sandeep , NIT, Andhra pradesh	External Members
9.	Dr Shreevalsa Kolathayar , NIT, Karnataka	External Members

Functions:

1. The committee shall closely take stock of any product/technology developed by the university faculties. The faculty members developing such a product shall inform the committee chairman in writing, providing the details of the product/technology being developed.
2. The committee shall monitor the process of development of products/technology so that there is no adverse impact on the social, environmental, and economic aspects of the region/country. The product developer shall obtain clearance from the biosafety committee of the University and shall ensure that no hazardous materials (biological or chemical) are generated during the process. If biological samples are involved, intimation to the State Biodiversity Board of the respective Indian state from where such samples are taken shall compulsorily be done. Suppose the product is developed in collaboration with any foreign agency/institution/industry. In that case, clearance/approval from the National Biodiversity Authority of India as per the provisions of the Indian Biological Diversity Act, 2002 (for biological samples) or any other authorities and relevant acts (for non-biological samples) should be taken before the product development.
3. The committee shall facilitate and support the linkages with industries/agencies for commercialization of the product/technology so developed. Product/technology transfer can be done with any industry/agency after a formal agreement on Mutually Agreed Terms (MAT). The university authorities, in consultation with the product developer team and the committee, shall fix up the mechanisms for equitable sharing of benefits arising out of the product/technology so that all three stakeholders (university, product developer, and industry/agency) benefit in the long run.

COMMITTEE V: IPR, LEGAL, ETHICAL MATTERS

As the university has notified committees for IPR and Ethical matters, members may be drawn from these committees. This committee may include a legal expert with sound knowledge of patent filing and IPR.

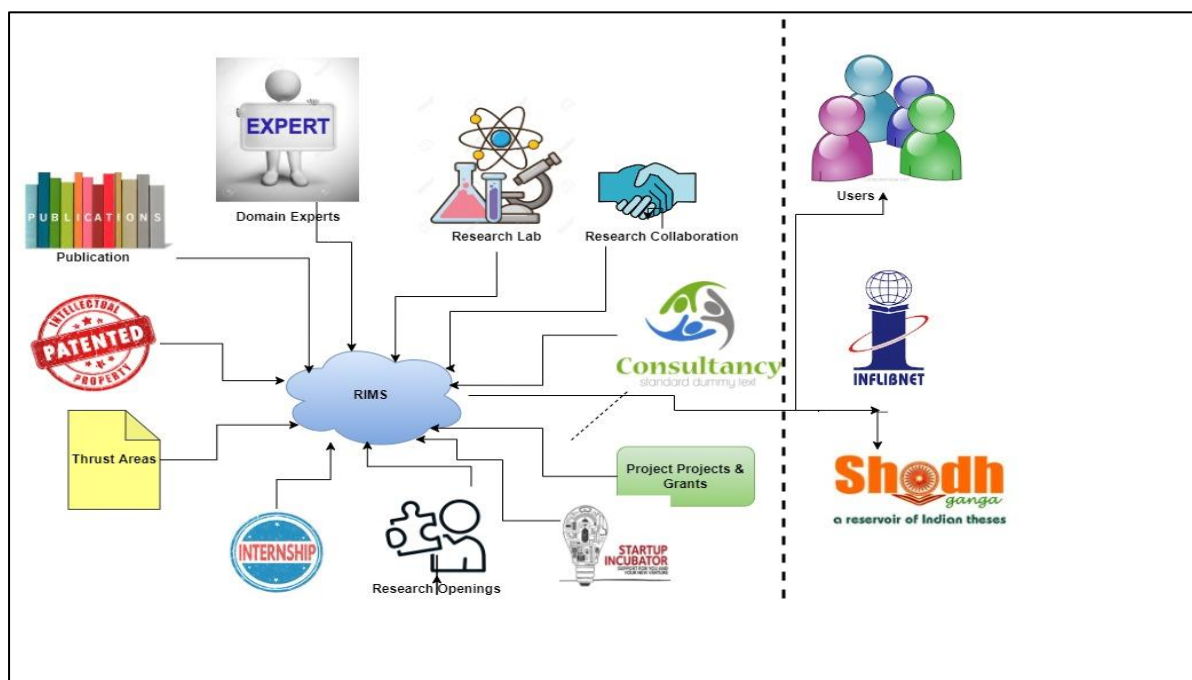
Sl. No.	Name and Designation	Position in ILEM
1.	Dr Basararaj Kubakaddi, Dept of Law	Chairman
2.	Dr. Lakshmana G, Dept of Social Work	Member
3.	Dr. Lingamurthy, Dept. of Economic Studies	Member
4.	Dr. Tejaswi Lakkundi, Dept. of Geography	Member
5.	Dr Kavishankar Gawli, Dept. of Life Science	Member
6.	Dr. P B Vijay Kumar, Senior Advocate	Legal Expert

Functions:

To serve as nodal center for ideation and conceptualization of research topics/themes by organizing workshops and training programs and ensuring the integrity and ethical practices in research activities, including clearance of bioethical committee wherever required.

VI. RESEARCH INFORMATION MANAGEMENT SYSTEM (RIMS) COMMITTEE

The RIMS is an online information management platform to facilitate the aggregation, curation, and utilization of information about research and development activities within the University. It will also act as an Innovation Management System (IMS). It intends to provide a platform for showcasing research activities, resource sharing, and collaborations. RIMS collects and stores metadata on research activities and outputs such as researchers and their affiliations and recognitions; publications, shareable resources, and patents; grants and projects; academic service and honors. An illustrative view of the RIMS and its various stockholders is shown in Figure 1.



Sl. No.	Name and Designation	Position in RIMS committee
1.	Dr R S Hegadi, Dept. of Computer Science	Chairman
2.	Prof. Pallegogu Raghavaiah, Dept of Chemistry	Member
3.	Dr. Paramesh SP, Dept. of Comp. Science	Member
4.	Dr. Gururaj Mukarambi, Dept. of Comp. Science	Member
5.	Dr. Vinod Tandurkar, System Analyst	Member



TERMS OF THE COMMITTEE MEMBERS (ALL THE COMMITTEES)

1. The committee, once constituted, shall remain for two years after the notification by the University. The members' terms may be extended by the university authority if desired.
 2. Any member unable to continue for any specific reason(s) should submit his/her resignation to the Director, RDC, through the committee's Chairman. The University shall fill the vacant position immediately through existing norms of the University.
 3. If any member is inefficient or found guilty of misconduct, they shall be removed from the membership of the Committee by the University. The vacant position shall again be filled by the University as mentioned above.
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