

**D.K.M. CENTRE FOR RESEARCH**

**AND**

**INNOVATION**



**A**

**UNIT OF**

**DKM College for Women  
(Autonomous), Vellore – 632001**

**(Affiliated to Thiruvalluvar  
University)**

## **D.K.M. CENTRE FOR RESEARCH AND INNOVATION**

### **A. PREAMBLE**

Teaching, Learning, Research, Innovation and Consultancy are the key parameters for the growth and development of the Higher Educational Institution that distinguishes one from the other Institution. Vallal N Krishnasamy Mudaliar, philanthropist and visionary for the development of women, founded in 1972 a women's college in Vellore, in the name of his wife Dhanabagiyam as DHANABAGIYAM KRISHNASWAMY MUDALIAR COLLEGE FOR WOMEN (DKM COLLEGE) exclusively for the Empowerment of women. The college is a non minority, nonprofit institution offering UG, PG and Research programs leading to the award of Ph.D in several disciplines in aided and Unaided streams. The college has been empowering educationally rural unreached women to access higher education. In the checkered history of over 50 years of the Institution, it has made an indelible impression and improvements in the quality of life and work of those stakeholders, who associated and travelled with the Institution. Besides upholding standards and repute in public, the Institution has shown remarkable achievements in research, consultancy with participation by innumerable students in many outreach projects. The teaching faculty of DKM College is enduringly infusing resilient confidence among students to excel in their academic endeavors and personal lives.

There is a dire need for an Integrated approach towards Research, Consultancy leading to innovation and to steer the faculty and students researchers in the right direction through designated center to attain a few specific goals viz,

1. To adhere and uphold the policy guidelines for the execution of Research & Consultancy process – internally and externally.
2. To improve the climate to undertake minor and major research projects and Consultancy services leading to innovation and of course protecting Intellectual Property Rights; through the financial support from funding agencies of governments/industries/NGOS/Academic organization and individual Philanthropist.
3. To address the challenges posed to the Institution to improve and sustain quality framework and standards set by national/ local higher educational regulatory bodies.

Establishment of a Focus Center for Research and Innovation is the engine to drive the Institution towards excellence and to ensure balanced and equal participation of students and faculty in the areas of Research, Innovation and Consultancy. Keeping this in mind, Thiru. D.Maninathan, the incumbent secretary of the college has mooted the idea of installation of DKM CENTER FOR RESEARCH AND INNOVATION as his brain child and dream project. The DKM Center for Research and Innovation is an unit of DKM COLLEGE FOR WOMEN to function as an independent entity in the Campus. The DKM CENTER FOR RESEARCH AND INNOVATION shall undertake and streamline Research, Innovation and other practices in tune with the sustainable development goals of United Nations to ensure peace and

wellbeing of people, economic prosperity and removal of poverty and protection of environment.

## **BYE LAWS OF THE DKM CENTRE FOR RESERCH AND INNOVATION**

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# **DKM CENTRE FOR RESERCH AND INNOVATION**

## **I. Short title and commencement**

- These Bye laws of the centre shall be called the D.K.M. Centre for Research and Innovation Bye Laws 2022.
- These shall come in to force with effect from 27<sup>th</sup> July, 2022.

## **II. Application, Scope and Definitions:**

- These Bye Laws shall be applicable to all persons working with D.K.M. Centre for Research and Innovation and Consultancy and for its functioning.
- Definitions :
  - a. College Executive committee means the apex management of the college.
  - b. Centre means D.K.M. Centre for Research and Innovation.
  - c. Consultant means persons authorized by the centre who are associated with the centre and performing consultancy work on behalf of D.K.M. College Research centre.
  - d. Director(s) means Head(s) of the Centre for each of the science and humanities streams respectively.
  - e. Deputy Director(s) means senior most faculty, who is outstanding in research in the college nominated to assist Director(s).
  - f. Staff means teaching staff appointed by the College Executive Committee and students means those who are currently pursuing the courses programmes offered in aided and unaided streams of the institution.
  - g. Steering committee means the committee constituted by the College Executive Committee.

## **III. Aim of D.K.M. Centre for Research and Innovation**

The focus of the centre is to nurture and promote research culture in the institution and build a strong research ecosystem in the campus to showcase the institution as a prime centre of research for

women in the region leading to expand the horizons of Research and Innovation, consultancy and entrepreneurship.

#### **IV. Objectives of the Centre.**

The overall objective is to streamline the research and consultancy activities in the institutions and to create a level playing field for implementing research and consultancy policies formulated from time to time by the UGC, MHRD, and affiliating University through various measures viz.,

1. To motivate the staff to tap the resources from funding agencies such as DST, ISSR, DBT, UGC and other Central and State agencies for projects, programmes, Conferences etc.,
2. To motivate the students to perform group projects in collaboration with the existing local organization and Industries to increase their employability skills.
3. To bring out quality research papers and publications through creative thinking and writing as an add on value for the institutional accreditation.
4. To organize programmes and activities for budding researchers to upskill them in research and innovation.
5. To liaison with the pioneering research institutions towards partnering in research activities if possible to share the knowledge resources.
6. To create a database of research in the institutions and to share the research outputs with the National and International bodies.
7. To tie-up with the local research institution to conduct joint and collaborative research.
8. To integrate the activities of Institution for Research, Innovation and step up the work of students and staff to develop entrepreneurial skill of the young women of this college.
9. To educate and advocate the IPR concept among the researchers and publish and apply for grant of more patents.
10. To conduct and coordinate such other research related activities that would enlarge the research base of the institution.

#### **V. General Administration of the Centre:**

- The Secretary of the D.K.M.College shall be chief patron and the Principal shall be the ex-officio chairman of the centre.
- The centre shall be steered by the steering committee consisting of Director(s), Deputy Director(s), Research guides, experts and IQAC coordinator.

- The centre shall be Research and consultancy monitoring and regulatory entity functioning in the D.K.M.College.
- The activities of the research consultancy and extension of the centre shall be guided and controlled by the Director of the Centre.
- All administrative and financial powers of the centre shall be exercised by the College Executive Committee, which may delegate these powers to Principal, Director of the centre or any other designated employee not lower in rank of associate professor and Hod of the department.

#### **VI. Finance and funding of the centre.**

- The centre may receive funds from Government from approved funding agency through the college for which the college shall maintain separate accounts.
- There shall be separate research funding account for the centre for which the fees and other contributions are transferred annually and shall be used as seed money for research and other activities.
- The expenditure for the above mentioned accounts shall be as per the norms of funding agencies/rules of the college Executive Committee.
- The fees for consultancy work shall be accounted separately and shared between consultant and institution as per norms of agreement.

#### **VII. Steering Committee:**

The steering committee of the centre shall be the apex organ to approve the work plan, budget and monitor and guide activities.

- The centre shall be steered by a committee consisting of Director(s), Deputy Director(s) and faculty actively involved in research as members of the Steering committee. The steering committee is also allowed to draw external experts in the field of research as advisors to the centre. The coordinator of the IQAC shall be the member co-ordinator and recording Secretary. The committee shall consist of not less than 15 members besides Director(s), Deputy Director(s) and IQAC Coordinator.
- **Role of the steering committee.**  
To supervise and provide guidance for research, consultancy and capacity building and to decide the work programme of the centre keeping in view the objectives of the centre as defined in clause IV above.

- Meeting of the steering committee shall be conducted at least once in a quarter of the academic year with a minimum of four meetings per annum. Thirteen members of steering committee shall constitute the quorum at any meeting of the steering committee.
- The Director(s) shall be the functional head(s) of the centre and shall have requisite qualification and experience with outstanding performance in Research and consultancy and shall be nominated by the College Executive Committee.
- The Director(s) shall hold office initially for a term of 3 years on contract and extendable subsequently for two terms up to the age of 70 years.
- The Director(s) shall supervise the day to day functioning of the centre with the aid of Deputy Director(s) to ensure that objectives of the centre are fulfilled effectively. The Director(s) shall have powers as delegated by the college executive committee and execute the day to day work through the deputy Director(s), who are regular faculty of the institution with exceptionally high caliber and quality in research and consultancy.
- The Director(s) shall be the chairman of the Research Committee with 4 senior most members of the steering committee as members.

### **VIII. Functionaries of the Centre:**

- All the faculty and students are the beneficiaries and active participants in the functioning of the centre.
- The centre shall have research faculty, who have been duly qualified and approved as research supervisor by the Thiruvalluvar University/other approved research institutions.
- The centre shall have computer operator, Data analyst, Office Assistant and other staff for a functioning and the maintenance of the centre.
- Current students who are actually involved in the field/ lab work of projects both internally and externally are deemed to be student researchers.
- Research Fellow, Research Assistant shall be appointed by the Director to assist the faculty and student researchers of the centre with the aim of scaling up the capacity building of the centre.



## **IX. Consultancy:**

Consultancy is the contractual agreement to satisfy the need of the external agency by the functionaries of centre. The centre may appoint individuals as consultants with expertise and shall be decided by the steering committee. If consultancy assignment is given to the centre, member of the faculty for such consultancy work shall be identified by the steering committee as PRINCIPAL INVESTIGATOR/LEAD FACULTY. If the consultancy assignment is given to the faculty member directly, the Director shall be the competent authority to allow this consultancy to continue.

- The faculties shall take up the consultancy services to the Industries, national and regional sectors, Government Departments, NGOs and others in their areas of expertise with the prior approval of the Centre.
- These services are professional in nature and should fall within the ambit of fairplay, duty bound obligations and ethical Considerations.
- Testing and evaluation services shall be offered by the individuals and also through the Instrumentation centre with prior notice to the Centre.
- Standardization and Calibration services shall also be offered if the individual is a recognized expert in it.
- Publications arising out of these consultancy should carry the names of the faculty/faculties with College affiliation and suitable acknowledgment should be given for the use of facilities.
- In case IPR matters, the name of the faculty with Institutional affiliation should be included.
- The payment associated with the consultancy shall be divided between the PI and the Institution depending on the consultancy work
  - Individual Consultancy: 90% of the consultancy fees to the PI and 10% to the Institution.
  - Institutional and Departmental Consultancy: 80% of the consultancy fees to the PI and 20% to the Institution.
  - Testing, evaluation and calibration, Standardization services: 20% of the consultancy fees to the PI and 80% to the Institution.
  - The Director of the Centre shall reframe and revise the revenue sharing ratio between PI and Institution as and when need arises.

## **X. MISCELLANEOUS.**

### **1. Grievance redressal mechanisms.**

- The centre shall have a grievance redressal cell consisting of three members nominated by the steering committee.
- Whenever any beneficiary/ Staff associated with the centre wishes to file make any claim or seeks redressal of any grievance or wrong done to her, she will present her case in writing to the cell. The cell shall look into grievance and present its findings to the Director for decision. In case no action is taken by the cell and complaint is unaddressed within one month of filing compliant, the aggrieved person may the directly forward the complaint to the Director.
- Compliant regarding sexual arrestment shall be looked into by a separate cell constituted in accordance with the GOI guidelines in this regard.

## **2. Ethical Issues:**

The DKM Research and Innovation Centre is determined to maintain high standards of research accountability and promote the values of honesty, integrity and transparency in the conduct of research and consultancy work. The centre shall prevent staff and its associates from doing dishonest and unethical practices including plagiarism. The centre shall emphasis and encourages the participants to adhere to the Good Academic Research Practices enshrined in UGC Guidance document 2020.

## **3. Other entitlements**

All other perquisites, benefits and entitlements not specifically mentioned here in above shall be governed by the relevant rules of DKM College Executive committee. The authority to amend the existing Bye laws of Centre in the course of changing times/demand rest with the D.K.M.College Executive committee.

## AWARDS/FELLOWSHIPS FOR ALL AGE GROUPS

<b>Name of the Award</b>	<b>Discipline</b>	<b>Mode of application</b>	<b>Age Limit</b>	<b>Web-link</b>
Fulkerson Prize	Mathematics	Nomination	No age limit	<a href="#">Click here</a>
Goedel Prize	Theoretical Computer Science	Nomination	No age limit	<a href="#">Click here</a>
Humboldt Research Award	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>
TWAS Prize	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>
Padma Shri	Science / Engineering / Humanities	Nomination	No age limit	<a href="#">Click here</a>
J C Bose Fellowship	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>
INAE-Distinguished Industry Professor	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>
Computer Society of India - Awards	In the field of IT	Application	No age limit	<a href="#">Click here</a>
Albert Medal	Humanities	Application	No age limit	<a href="#">Click here</a>
Erasmus Prize	Humanities	Application	No age limit	<a href="#">Click here</a>
Sahitya Academy Awards	most outstanding books of literary	Application	No age limit	<a href="#">Click here</a>
Sangeet Natak Academy Awards	Music, Dance, Theatre	Application	No age limit	<a href="#">Click here</a>
Kalinga Prize	Writers, editors, lecturers, radio/television programme Director(s) or film producers who have devoted their career to interpreting science, research and technology for	Nomination	No age limit	<a href="#">Click here</a>

	the general public			
JSPS Fellowship	Science / Engineering	Application	No age limit	<a href="#">Click here</a>
Fellow INSA	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>
Fellow IASc	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>
Fellow INAE	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>
Fellow NASI	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>
Fellow SAE	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>
Fellow ASME	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>
Fellow TWAS	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>
Fellow National Academy of Psychology	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>
USA-India Educational Foundation Fellowships	Science / Engineering / Humanities	Application	No age limit	<a href="#">Click here</a>
Geological Society of India Awards	Science / Engineering	Nomination	No age limit, except few awards	<a href="#">Click here</a>
B M Birla Science Awards	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>
NASI - Reliance Industries Platinum Jubilee Award	Science / Engineering		No age limit	<a href="#">Click here</a>
Homi Bhabha Chair	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>
Fulbright-Nehru Academic and Professional Excellence Fellowships	Science / Engineering / Humanities	Application	PhD + 5 years	<a href="#">Click here</a>
IIM - Lifetime Achievement Awards	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>
IIM – National Metallurgist Awards	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>

IIM - Metallurgist of the Year Award	Science / Engineering	Nomination	No age limit	<a href="#">Click here</a>
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### **AWARDS/FELLOWSHIPS AFTER RETIREMENT**

Raja Rammana Fellowship Scheme	Science / Engineering	Application	After retirement	<a href="#">Click here</a>
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#### **Notes:**

1. Unless indicated, all awards are given when the applicant / nominee is in regular service.
2. Application for Ramanujan Fellowship may be submitted when the applicant is holding a post-PhD position (tenured / non-tenured) outside India and is willing to join in IITK or has an offer from IITK.
3. In few awards, there are several categories (e.g., Humboldt, JSPS, IUSSTF, Sangeet Natak Academy). It is advised to check the application guidelines in the corresponding website.