

Proposal for Recognition of Industry as a Research Center by CMR University

Introduction

In alignment with CMR University's mission to foster innovation and create impactful research, this proposal seeks to establish a formal mechanism for recognizing industries as research centers. This initiative is designed for full-time professionals—engineers, scientists, and managers—who wish to engage in high-quality research within their work environments. By doing so, CMR University will provide an opportunity for individuals in industry to earn a PhD while continuing their employment, making significant contributions to academia, their organizations, and society.

Rationale

Industries today face complex challenges that require cutting-edge solutions. Collaborating with academic institutions not only helps address these challenges but also opens doors to innovation and new knowledge creation. Recognizing industries as research centers would enable CMR University to:

- Build strong, sustainable collaborations with industry partners.
- Leverage industry-specific expertise and real-world problems to create impactful research.
- Expand CMR University's research ecosystem by integrating applied, industry-driven research projects.

By formalizing this partnership, CMRU will strengthen its industry-academia connections, contributing to the university's growth and societal relevance.

Objectives of the Program

This proposal aims to:

1. Enable professionals to pursue advanced research without interrupting their careers.
2. Promote collaborative research that addresses real-world industry challenges.
3. Facilitate a structured pathway for professionals to attain a PhD, with supervision from both their employer and CMR University's faculty.
4. Contribute to knowledge creation in various fields while addressing industry-specific needs.



Target Audience

The program will target:

- Graduate engineers, scientists, and managers currently employed in full-time roles.
- Professionals interested in conducting research that advances their company's goals and their personal academic development.
- Individuals seeking to expand their knowledge in their area of expertise while making a substantial contribution to their field.

How the Program Will Work

This initiative allows candidates to remain in full-time employment while conducting their research. Key elements of the program include:

1. **Dual Supervision:** Candidates will have an academic supervisor from CMR University and an industry supervisor from their company (optional), ensuring the research is aligned with both academic standards and industry needs.
2. **Part-Time PhD Program:** Research will be conducted on a part-time basis, allowing candidates to balance their professional duties and research responsibilities.
3. **Co-creation of Research Projects:** Research topics will be collaboratively developed by the candidate, their employer, and CMR University. These projects will address industry-relevant challenges while contributing to the academic body of knowledge.
4. **Workplace as a Research Hub:** Candidates will primarily conduct research at their workplace, with occasional visits to CMR University to access research facilities, meet supervisors, and attend research-related training programs.
5. **Customized Training and Development:** A tailored training portfolio will be created for each candidate, incorporating prior industry experience and any relevant employer-led training programs. This training will complement formal research coursework at CMR University.

Benefits to the Candidates

- **Career Advancement:** Candidates will develop leadership and research skills that enhance their career prospects both in industry and academia.
- **Flexible Learning:** The part-time structure allows candidates to integrate research into their existing professional responsibilities.



- **Networking Opportunities:** By joining a cohort of PhD researchers, candidates will engage with professionals from different industries and academic backgrounds, enhancing their professional network.

Benefits to the Industry

- **Access to Innovation:** Companies will gain insights from cutting-edge research directly relevant to their business, fostering innovation and growth.
- **Knowledge Transfer:** Collaboration with CMR University will allow industries to tap into academic expertise, enhancing their capacity for research and development.
- **Publicity and Brand Building:** Companies involved in research collaborations with CMR University can leverage the association for marketing and visibility, potentially benefiting from the commercialization of research outcomes.

Program Structure and Timeline

- **Part-Time PhD:** Candidates will typically complete their PhD over six years, ensuring adequate time to balance work and research.
- **MS by Research Pathway:** Candidates with a three-year bachelor's degree will begin with a two-year Master's by Research (MS by Research), with an option to transition to the PhD track based on their progress.
- **Recognition of Prior Learning:** Where applicable, prior experience and learning will be considered in shaping the PhD program, potentially reducing the duration of the research journey.

Conclusion

By recognizing industries as research centers, CMR University will create a unique platform that bridges the gap between academia and industry. This program will not only enhance the university's research output but also provide a valuable avenue for professionals to engage in meaningful research while addressing real-world challenges.

Next Steps

1. Secure approval from CMR University's management to formally establish this initiative.
2. Develop a Memorandum of Understanding (MoU) template for industries wishing to participate.
3. Create promotional materials and outreach strategies to attract industry partners and professionals



A handwritten signature in blue ink, appearing to be 'A' followed by a flourish.

**PROCEDURE FOR RECOGNITION OF RESEARCH INSTITUTION/
CENTRE/ LABORATORY OF MAJOR INSTITUTION, FOR OFFERING
RESEARCH (DOCTORAL (PH.D)) PROGRAMMES UNDER CMR
UNIVERSITY (CMRU), BENGALURU.**

Research Institutions / Centre / Laboratory of Major Industries proposing to offer Doctoral programme under CMR University may apply in the prescribed format by **1st October** of academic year.

The institutions which are located outside the jurisdiction of the University may be recognized only if the University has signed MOU with that institution for research collaboration.

The essential requirement for institutions proposing to offer Research/Doctoral (Ph.D.) programs are as follows:

1. An established Centre / Institute / Lab of Industry with at least 5 years in the field of Research can apply for recognition in the prescribed proforma.
2. The institute should have faculty /scientist / researchers with qualification as prescribed in the Ph.D. regulations of CMR University. Such personnel intending to guide Ph.D. Scholars under CMR University should have their guideship duly approved by CMR University
3. The Centres / Institutes / Labs should comply with all Governmental safety and security standards.
4. Facility for accommodating research scholars to do research.
5. Well equipped library for facilitating research.
6. Equipment that may be needed to facilitate research.
7. Guarantee of financial input by the management of the research institute for updating the research facilities like books journal and lab equipment etc.
8. Undertaking signed by authorized person of the management before Notary public to abide by the rules and regulation of the university for conduct of the Ph.D. programmes. In the event of non compliance of any requirement of recognition it would be left to the university alone to decide on the withdrawal of recognition or any other action as decided by the University. (In



case of withdrawal of recognition, the interest of Research Scholars already registered with the University will be protected by appropriate arrangement)

9. Payment of prescribed amount towards recognition fund.

The duly complete application / proposal received from the Institutions/ R&D Centres would be scrutinized by the Committee constituted for this purpose. The recommendations of the Committee for Inspection or otherwise shall be conveyed to the Institution/ Applicant Centre. The institution may be inspected by a Committee of experts to be nominated by the Vice Chancellor. The Institution may be required to pay Inspection fund as prescribed below:

Rs. 15,000/- + TA/DA & Honorarium for Committee members

The observations / deficiencies if any requiring compliance by the institutions/ Research Centres may be communicated to the institution/R&D centre concerned alongwith the conditions of the University for recognition and payment of recognition fund.

The recognition fund payable is as follows:

Recognition fund (initial) Ph.D. up to 5 courses for 5 years : Rs 20,000/-

Fund for continuation of recognition up to 5 courses for 5 years : Rs. 20,000/-

Fund for additional course : Rs. 5,000/- per course

The validity of the recognition would be initially for five years and Institutions would be required to renew the recognition by **7th January** of the academic year in which the validity of recognition expires.

The renewal request should be accompanied by the updated faculty and infrastructural details based on which Inspection would be made for further renewal of recognition for five years each time.



CMR University.Proforma - I

Application form for recognition of Research Institution/Centre/Laboratory of Major Institution or Existing affiliated colleges for offering Doctoral (Ph.D.) programme under CMR University

1. Institution/ Research Centre/Lab of Major Industries

(a) Name and postal address

Tel: Email:

Fax: Web:

(b) Whether Govt. / Quasi Govt. / Autonomous/Private :

(c) Year of establishment.:

2. Head of the Institution (Director, Dean, Principal etc.)

(a) Designation:

(b) Tel: Email:

Fax: Mob:

(c) Residential address with telephone number:

3. Disciplines applied for recognition :

4. Name and designation of legally authorized representative for communication (authorization letter to be enclosed), if other than Head of Institution :

5 Number of Faculty / Research officer / Scientist (Please attach full details as per proforma given in Appendix-I) :

6 Major Thrust Areas / Divisions of Research :

7 Highlight of major contributions in the field for which recognition is sought. (Please write a page note and attach separately) :

8 Infrastructure facilities available :

(a) Major Equipments (Specify names and functional status - attach separate sheet, if required) :

(b) Does the Institution have a library, if so the number of books :

(c) Number of Scientific / Technical Journals subscribed (Print / Online) Please provide a list.:

(d) Any other information to justify the recognition of Institution /Laboratory for Research & Ph.D. work :

(COLUMN 9 IS TO BE FILLED BY PRIVATE INSTITUTIONS/ INDUSTRIES/ R&D CENTRES ONLY)

9 a) Whether the institution is recognized by Central / State Government as a Teaching / Research

Institute (If yes, enclose copy of order): Yes / No

b) Whether required permission obtained from the concerned Govt./ Dept. for Ph.D programme.

(if yes, enclose copy of order). : Yes / No

c) State whether the Institution being managed by a Registered Trust / Society.

(Please attach copies of registration and bye laws of the Trust / Society alongwith name & address of Managing Committee) :

d) Funding

(Please give a brief write up on the source of funding and proof of financial stability of the Institution in a separatesheet. Also attach copies of audited accounts for the last three years.)

i) Details of fee proposed to be charged from the Scholars per year:

This is to certify that the information given above is factual as on date given below. Each page has been initialed by the authorized person of the Institution. Any change in the information given above at a later date shall be informed to the University immediately.



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Fax : (+91 - 80 - 2542 7840
E mail : research@cmr.edu.in
www.cmr.edu.in

Date: Signature

Place: (Head of the Institution)

Office seal

Note: Last date for receipt of application **1st October** of the academic year previous to academic year for which recognition is sought. Applications are to be addressed to the Registrar, CMR University.

Appendix – I

CMR University, Bengaluru.Proforma – II (For Faculty / Research officer / Scientist)

FOR RECOGNITION AS A SUPERVISOR FOR PH. D PROGRAMME

(Separate form for each person)

Attach the Proforma of CMRU for Guide recognition. AND GIVE THE FOLLOWING INFORMATION.

1. Name :
2. Qualification :
3. Designation :
4. Specialization :

(Supporting documents should be enclosed)

5. field of Specialization

6. Teaching experience (Attach full details separately) :

7. Research experience :

a) No. of candidates awarded M.Phil / Ph.D, (under your guidance)

No. of candidates Year Field / Subject _____

i. M.Phil

ii. Ph.D

8. Research publications :

Title Name of the Journal Year of publication (minimum three best should be mentioned but the full list to be enclosed separately)

9. Signature :

**DOCUMENTS TO BE ENCLOSED ALONG WITH THE FORM FOR RECOGNITION
AS SUPERVISOR FOR GUIDING PHD SCHOLARS**

1. Full Academic Vitae
2. List of total publications during past 5 years.
3. Three best Research papers in peer reviewed journals (after Ph.D).
4. The exact contribution of the candidate in the above said research papers, if papers are written by more than one author.
5. Facilities available within the organization to carry out research which can also be utilized by other personnel engaged in research from outside the organization.
6. Recommendation of HOD and Dean / Director indicating that the faculty member/ Scientist can do independent research and guide students with the available facilities in the institution/R&D Centre.

Note: The application for recognition as a Supervisor for Ph.D. Programme is to be forwarded to the Directorate of Research and Innovation, CMR University for further processing.