



JAIN
DEEMED-TO-BE UNIVERSITY

CENTRE FOR
RESEARCH IN
FUNCTIONAL
MATERIALS

Certificate Course in
ADVANCED RESEARCH
Project-Centric Learning (PCL)



For more information, please contact

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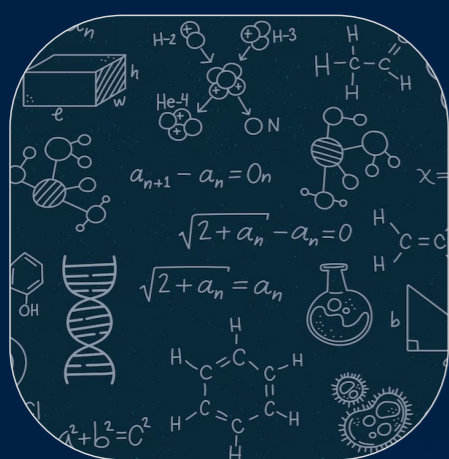
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About JAIN (Deemed-to-be University)

Established to provide a quality learning experience and entrepreneurial skills, JAIN (Deemed-to-be University) is an educational hub that draws aspiring students from more than 54 countries to India's Silicon Valley - Bengaluru. Spread across five campuses, the University has been consistently ranked among the top private universities in the country by India Today Nielsen Best Universities Survey. Over a decade, the University has made conscious efforts to build its strengths and consolidate its achievements. JAIN (Deemed-to-be University) has also received Graded Autonomy status by University Grants Commission based on its accreditation, given by National Assessment and Accreditation Council (NAAC) with an 'A++' Grade and has been ranked 79th in the NIRF Ranking 2022, under the University category. Students at JAIN (Deemed-to-be University) define success in many ways, from academic discoveries to athletic records to artistic creations to scientific breakthroughs.

Certificate Course in Advanced Research - Project-Centric Learning (PCL)

Centre for Research in Functional Materials (CRFM) is offering a postgraduate-level Certificate Course in Advanced Research in various fields of Science and Technology. The program gives graduate students a chance to go above and beyond the minimal training in research techniques necessary as a pre-training course for aspiring researchers at the international level.



Course Uniqueness

- Internationally recognised experts (resource persons) from all over the world
- Systematic head-to-head training
- Renowned research lab and industry visits
- Hands-on-training for the advanced technics and instruments to gear up cutting-edge research
- Offer amazing exposure to foreign universities for Ph.D. programme



Learning outcome

- Become independent researchers
- Publish 1 to 2 research articles in international journals
- Able to solve scientific problems
- Build an international network for future career

Industrial tie-ups

- Industrial visits to related sectors in water, healthcare, and energy
- Taking up industrial projects
- Fabricating real-time analytical devices for use in industries
- Marketing of the fabricated products to related industries

Facilities at CRFM

- Full furnished labs with instruments required to carry out research activities
- Classrooms and seminar halls for conducting classes
- Research scholar seating rooms
- Day-to-day interaction with highly reputed scientists

Topics to be learned

- Research methodology, scientific writing - research proposals, manuscripts, and patent filing
- Data collection and tools
- Advanced characterisation tools- structural and microscopic

Career opportunity

- Ph.D. enrolment in reputed universities/institutes worldwide
- Research and developments sectors (R & D labs)

Eligibility Criteria

Postgraduate / Engineering / M.Tech students can opt for this course for the project fulfilment of their degree

Duration

12 months (2 semesters)



Mentors

Internal



Prof. Mahaveer Kurkuri
Centre for Research in Functional
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Jain University, Bengaluru



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External



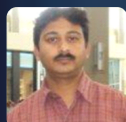
Prof. Dusan Losic
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University of Adelaide
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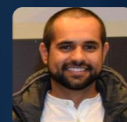
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