



# Professional Development Institute

Professional Development initiatives at CMR University aim at building a holistic approach to the preparation of professionals with highest quality professional capacities, by ensuring broad-based competencies and 21st century skills, an understanding of the social-human context, and a strong ethical compass.

To support the University in realizing these goals and enabling a conducive environment for students to acquire skills to learn, to work and be future ready, the Professional Development Institute, plans and implements a series of opportunities for the faculty throughout the year. These encompass deliberations on Education and allied areas, Disciplinary Content Knowledge, Curriculum and Instructional Practices in higher education and Instructional Design. It also includes institutional planning and facilitating Research Processes leading to continuous development of self and the institution.

Learning experiences for Faculty incorporate a variety of approaches ranging from Annual Orientation to ongoing courses, workshops, seminars, conferences, research writing and dissemination. The PDI department collaborates closely with the faculty and them to pursue self-paced learning courses as per their interest areas. Readings, discussions, reflections, collaborative learning and assessment of own learning and progress through a self-assessment tracking system are at the core of these professional development initiatives at the University.

## Vision

**To facilitate powerful, ongoing learning experiences for all stakeholders who directly impact student experiences and foster individual ‘agency’ In setting standards for teaching, learning and accountability.**

## Goals & Initiatives

- **Create a culture of learning and individual and collective growth for the adults in the system**
- **Provide opportunities to teachers and school heads to continuously develop their ‘self’ as thoughtful and active members of our school community and to contribute significantly to the lives of children.**

- **Promote holistic development of teachers and school heads, beyond their mastery over a mechanical set of techniques or procedures to nurturing one's character and competencies essential in the 21st-century world**
- **Prepare all stakeholders to competently perform their key responsibilities**

### **List of PDI Initiatives**

1. **Induction and Orientation Training Program**
2. **CLP/FDP**
3. **Facilitator's Training Programs**
4. **Self Paced Learning via MOOCs**
5. **Building Sessions Repository**
6. **CMRU Newsletter**
7. **Teaching and Learning Best Practices**
8. **Self-Paced course in-house**
9. **Creation and updating of PDI Internal site**
10. **Building Educators' Toolkit**
11. **Bringing in the best practices from the global universities**

## **A. PDI Session Repository - CGI**

The PDI team is working to build a repository of a total 100 sessions for CMRU for all types of stakeholders. This includes training sessions to be delivered in offline or online platforms and self-paced courses.

The creation of PD repository Includes,

1. **Shortlisting and mapping sessions to the in-house facilitators to design and deliver.**  
Sessions are listed based on competency, skills and content expected for the respective stakeholders.
2. **Curating/ Designing Modules on a Standard Template available in the template gallery by the facilitators**
3. **Reviewing resources such as template designs, session resources and getting them ready up to the standards defined**
4. **One on one mentoring of facilitators on designing and facilitating sessions (ToTs)**
5. **Uploading designs and resources over the PD repository drive.**



Currently we stand at,

Repository	Current Session No.	Current Facilitators No.	Session Designs	Session ppts	Projected Session resource
CMRU	100	16	9	30	100

## **B. Organizing Training workshops**

We play a pivotal role in organizing training programs for all the stakeholders in the university to ensure their competency and skill development to carry out responsibilities more effectively. Training sessions include induction, orientation programs and year long learning intervention based on needs. The sessions are organized not just for the teaching staff but for the non-teaching staff as well. The sessions are organized in collaboration with expert in house facilitators. We also look for experts from external agencies to bring in the best possible learning experience for our staff. The intent is to build familiarity with pillars, curriculum, standards of learning areas and innovation in teaching as well as professional practices.

Facilitators conducting workshops are trained on designing sessions using ‘session design template’, post session assessments, and various tech and instructional tools that support them to accomplish session outcomes. The PDI team supports in organizing, tracking and auditing all the training interventions. Master tracker is maintained for scheduling and tracking of training data.

Types of Training Workshops conducted for CMRU

Type of Programs	Stakeholders
Induction + Orientation Programs	Leadership+Faculty + Non-teaching staff
Year long FDP	Faculty + Non-teaching staff
Workshops for HO Team	CMRU HO staff

































highlighted the role of the PDI in supporting the faculty in their professional growth and development. She shared the 5 pillars of the PDI and gave an overview of the modules of the Pathway Program. Faculty were also apprised of the resources available to them on the webpage of the PDI namely, 'Insight' with special emphasis laid on the resources in the CMRU Toolkit. Faculty were exposed to the CMRU Instructional Pan and were guided on how to prepare it, keeping in mind the principles of Backward Design and incorporating active learning strategies.

#### Feedback from the Faculty:

1. Session on Curriculum and STE: 25 faculty recorded their feedback which was largely positive (3 non-committal) — the session was useful and informative. There was a suggestion by one person that it would be helpful if discussion regarding STE could be done with reference to specific departments. In fact, Dr. Suja was unable to do this due to paucity of time; however, the same could be taken up on Campus Day during the Orientation program.
2. Session of Examination: A total of 24 feedback forms were received. The faculty were very appreciative of the sessions taken and found them 'informative and very useful'.
3. Session on Pathway Program, CMRU Toolkit and IP: This session was well-received by the new faculty. 8/20 scored the session as  $\frac{4}{5}$ , 8/20 scored it as  $\frac{5}{5}$  and 4/20 scored it as  $\frac{3}{5}$ . While they got a better understanding of how to prepare the IP and some teaching strategies to use, faculty did acknowledge that further training would be required in these aspects. The PDI team shared that further workshops relating to this would be held during the Orientation program.

#### PDI Team Observations:

1. Attendance and focus and participation of the faculty in sessions on Day 2 was good and matched the enthusiasm of the first day. The new faculty are showing a keen interest in learning about and fulfilling their responsibilities, improving their professional skills and in finding ways in which they can contribute to the institution.
2. A number of staff met the PDI team personally to convey their appreciation for all the sessions and presentations. They commented that the sessions helped them learn more about the CMR group of institutions - its history and culture which gave them a greater sense of belonging to the organization. They found the presentations of the Dean of Academics, Vice Chancellor and Registrar inspiring. They also looked forward to further professional development workshops.

15th July, 2023 - Soft Skills Workshop for Non Teaching Staff:

We understand the crucial role played by our non-teaching staff. We believe that nurturing the talents of every member of our university community is key to achieving our common purpose.

















## A Sample PDI Organized Orientation Report

CMRU PDI

Faculty Present: 117/239 members from all Schools were present at the start of the day's proceedings.

1. Design Thinking: Ms. Manisha Pandita, PDI Manager led a highly interactive session on the Design Thinking process. The session began with a pair activity in which one partner had to describe a tool to the other, without overtly mentioning its use i.e. describe the problem the tool is addressing and how the design of the tool addresses this problem. Based on this description, the other partner had to sketch an image of the tool. Faculty enjoyed this activity and it brought out clearly, the challenges one faces when communicating an idea, particularly an original and unique one.

Ms. Manisha then led the faculty through the stages of the design thinking process i.e. empathize (identify user challenges), define (identify the problem) ideate (brainstorm ideas), prototype (concept sketching/prototyping) and test. She asked the faculty to ponder how this design thinking process could be applied to real-world problems that they encounter in the classroom and in the academic world – be it issues relating to curriculum, use of spaces, or even the dynamics of the department to which they belong.

To enable the faculty to make a strong connect between the design thinking process and how it could be applied to their real-life problems, they were split into groups and asked to use design thinking to address an academic problem of their choice:

- a) Groups first discussed various problems they encountered on a day-to-day basis and then selected to focus on. Some of the questions that came up included: How to reduce late-coming by students, how to enhance student attendance, how to discourage plagiarism by students and how to motivate the 'backbenchers'. (Identify User Challenges)
- b) Faculty then had to consider what could be the root cause of the issue (Define the problem). In order to do this in a more effective way, Faculty were exposed to the '5 Whys' technique in which the question 'why' is asked repeatedly to determine the root cause of a problem. Having honed in on one specific cause, they had to frame a user needs statement i.e. define the problem.
- c) Faculty then had to brainstorm and come up with a number of ideas (Ideate) on how this issue could be resolved, and no idea however crazy or silly it sounded was to be excluded — aim to generate a huge quantity











decide on appropriate learning activities for the session (in other words, how these learning activities will be achieved).

The session closed with the faculty writing and sharing learning outcomes they prepared for a “perfect student” who would undergo their course/program.

Feedback from the Faculty: 29 faculty responses were recorded. 3% of the faculty rated the session as  $\frac{2}{5}$ , 7% as  $\frac{3}{5}$ , 52% as  $\frac{4}{5}$ , and 38% as  $\frac{5}{5}$ . Staff appreciated the session for clearing bringing out the meaning of outcome-based learning and how learning activities and assessments must be based on learning outcomes. A few found the session a bit rushed and looked forward to further sessions on this for more clarity.

2. Teaching and Research in Higher Education: This session was facilitated by our esteemed Pro Vice-Chancellor, Dr Subba Reddy. He began the session by acknowledging the vision for education of Sri Chikka Munniyappa Reddy, in whose honour the CMR group of institutions have been established. The key aspects of Dr. Subba Reddy's presentation were:

- a) Role of the faculty in promoting research in the University – their role as research supervisors for Ph.D. students and as members of the Doctoral Committee. As faculty of a university, rather than a college, it was expected that they should be involved in research in addition to their other duties.
- b) Faculty should also actively pursue research with the help of their students – this will benefit them academically and professionally and will also benefit their students and will raise the profile of the University. He encouraged faculty to pursue inter-disciplinary projects as these attract funding (by government, corporates and private individuals) and are viewed positively by the government.
- c) Faculty must strive to present and publish their research in reputed journals, at conferences and by contributing to books/book chapters. This enable them to attract citations of their work, which in turn, would help them achieve recognition within the academic community.
- d) He encouraged faculty to increase the number of citations of their research by increasing visibility of their research: i) by publishing their research in reputed interdisciplinary journals and open-access journals ii) by engaging and sharing research on social networking sites such as Google Scholar, Academia.edu, ResearchGate etc. iii) by creating their own websites/lab websites, blogs etc to share their research iv) by creating their own ORCID ID. v) written review articles.



## A Sample PDI Organized Orientation Report

CMRU PDI

- e) Dr. Subba Reddy highlighted the importance of public awareness of research done: (a) protection of their discoveries (b) as a basis for promotions and incentives (c) as a basis for post-doctoral research (d) to refine their research on the basis of peer feedback.
- f) Dr. Subba Reddy shared the steps for creating an ORCID ID.
- g) He also stressed the need to be ethical while carrying out research and publishing research and highlighted the 3 levels of penalties handed out by the UGC and AICTE for plagiarism.

Feedback from Faculty: 41 responses were received and they were largely very appreciative of the session — informative, gained a better understanding of the professional value of conducting research; 8 responses were non-committal. Two faculty requested that the slides for the presentation be shared with faculty as they contained very useful information.

3. Library Resources: The following are the highlights of the session on Library resources presented by Mr Malatesh Akki:

- a) How to access the online library catalog and general rules to be followed.
- b) Remote access library services available on the CMRU webpage: e-resources (School-wise), e-journals (jstor etc.), plagiarism check services (Drillbit, Shodhganga, INFLIBNET, Urkund), online videos (subject-wise and discipline-wise) etc.
- c) How to access the National Digital Library of India and jstor online.
- d) He stressed on 2 aspects regarding faculty use of the library resources:
  - 1. E-gate system has been implemented in the library for ease of entry.
  - 2. When requisitioning books for the library, it is helpful and important to quote the ISBN number of the publication.

Feedback from the Faculty: 40 responses were received; most were quite appreciative (informative, good) and a few were non-committal. These suggestions/requests were made: (a) The University should subscribe to more reputed engineering journals (b) the list of journals and databases mentioned during the presentation be shared with the faculty (c) Turnitin and IEEE software be added to SOET.

### PDI General Observations:

- 1. The attendance on the 3rd of the Orientation program was somewhat diminished due to scheduling of other programs. However, those who attended the sessions conveyed their appreciation for all the sessions.







# Accelerated Credit Course Programme (ACCP)

The Accelerated Credit Course Programmes (ACCP) is one of the outreach programmes of the CMR University. It provides several free advanced courses to the students who can take it online and improve their skills in the emerging fields such as Artificial Intelligence (AI), Machine Learning (ML), Generative AI, Wireless Communications, Smart Materials, Life Skills, and FinTech. Now, it is available for the Higher Secondary students from different schools and institutes including CMR and Ekya Schools across multiple streams. However, students of all levels are allowed to take these courses free of cost. This innovative initiative presents students with the chance to proactively earn advanced certifications and credits while immersing themselves in modern, specialized fields, thus enriching their academic portfolio. ACCP is offered to students of higher secondary level irrespective of their streams, Board of Studies. The students can register for any of the courses that are being offered.

At the end of the ACCP programs, students get certificates for successfully completing the courses. The condition for this are: attending at least 85 percent of the classes and securing at least 50% in the end of program assessment in a particular ACCP course. All students who complete the course successfully are awarded certificates. All students who complete the course successfully and take admission into an undergraduate programme in CMRU not only receive a certificate but also earn a credit for each course. However, a student can acquire a maximum of 2 credits against the 2 courses that have been completed successfully prior to the commencement of the undergraduate programme.

## Purpose

The purpose of this Standard Operating Procedure (SOP) is to provide the details of **Accelerated Credit Courses Program (ACCP)** and to outline the process for ensuring that all the necessary preparations are made for the offering of the **Accelerated Credit Courses (ACCP)** by various Schools of Studies to higher secondary students.

## About ACCP at CMRU

ACCP is offered to students of higher secondary level irrespective of their Streams and Board of Studies. The students can register for any of the courses that are being offered. If a student has attended at least 85 percent of the classes and secured a minimum of 50% in the assessments in a particular ACCP course is said to have completed the course successfully. All students who complete the course successfully are awarded certificates. All students who complete the course successfully and take admission into an undergraduate programme in CMRU not only receive a certificate but also earn a credit. However, a student can acquire only a maximum of 2 credits against the 2 courses that have been completed successfully prior to the commencement of the Undergraduate programme at CMR University.

## ACCP Requirements

The requirements for the courses are as follows:

- Eligibility: All students can choose any course (1 or more) from the basket of ACC
- Duration: 15 Hours
- Fee: Free



9	Entrepreneurship	1	6.30 pm to 7.30 pm
10	Artificial Intelligence	1	6.30 pm to 7.30 pm
11	Web Design	1	6.30 pm to 7.30 pm
12	Introduction to Legal Writing	1	6.30 pm to 7.30 pm
13	Spirit of the Indian Constitution	1	6.30 pm to 7.30 pm
14	Psychology in Everyday Life	1	6.30 pm to 7.30 pm
15	Life Skills	1	6.30 pm to 7.30 pm

**Eligibility to:**

- i) Earn a Certificate
- ii) Earn a Certificate and a Credit

Criteria	To earn a Certificate	To earn a Certificate and a Credit
Attendance %	85 %	85 %
Marks %	50 %	50 %

**Addition of Credits earned at CMRU**

School	Programme Level	No of credits to be treated and the Semester in which Credits earned to be treated	
		Course 1	Course 2
SOA	UG	1 Credit in II Semester	1 Credit in III Semester
SOD	UG	1 Credit in II Semester	1 Credit in III Semester
SOET	UG	1 Credit in II Semester	1 Credit in III Semester
SOLS	UG	1 Credit in II Semester	1 Credit in III Semester
SOM	UG	1 Credit in II Semester	1 Credit in III Semester
SOEC	UG	1 Credit in II Semester	1 Credit in III Semester
SOSS	UG	1 Credit in II Semester	1 Credit in III Semester
SLS	UG	1 Credit in II Semester	1 Credit in III Semester









# CERTIFICATE

This is to certify that

**Krina Vagadia**

has successfully completed the  
Accelerated Credit Course (ACC):  
**'Entrepreneurship'** conducted from  
12 April 2024 to 29 April 2024 as a part of  
CMRU's initiative to build the future.

**Grade: A+**

**Dr. Rajat Gera**  
Dean - School of  
Economics & Commerce

**Dr. Sudhir Routray**  
Dean - Academics

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# CERTIFICATE

This is to certify that  
**Vibhavari Das**

has successfully completed the  
Accelerated Credit Course (ACC):  
**'Design 101'** conducted from  
12 April 2024 to 29 April 2024 as a part of  
CMRU's initiative to build the future.

**Grade: A+**

**Aleksandra Rotar**  
Director  
School of Design

**Dr. Sudhir Routray**  
Dean - Academics

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# CERTIFICATE

This is to certify that  
**Fayaz Ahmed Lone**

has successfully completed the  
Accelerated Credit Course (ACC):  
**'Artificial Intelligence'** conducted from  
12 April 2024 to 29 April 2024 as a part of  
CMRU's initiative to build the future.

**Grade: A+**

**Dr. T A Ashok Kumar**  
Director - School of  
Science & Computer  
Studies

**Dr. Sudhir Routray**  
Dean - Academics







# CERTIFICATE

This is to certify that

**Roshan Abraham George**

has successfully completed the  
Accelerated Credit Course (ACC):

**'Design 101'** conducted from

12 April 2024 to 29 April 2024 as a part of  
CMRU's initiative to build the future.

**Grade: A+**

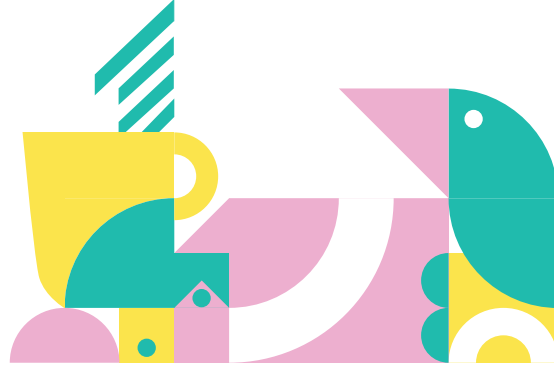
**Aleksandra Rotar**  
Director  
School of Design

**Dr. Sudhir Routray**  
Dean - Academics

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Outshine your competitors with CMRU's

## ACCELERATED CREDIT COURSE PROGRAMME (ACCP)

The ideal launchpad you need  
to fast-track your future!

ACCP Batch 3 : 18 June - 2 Aug

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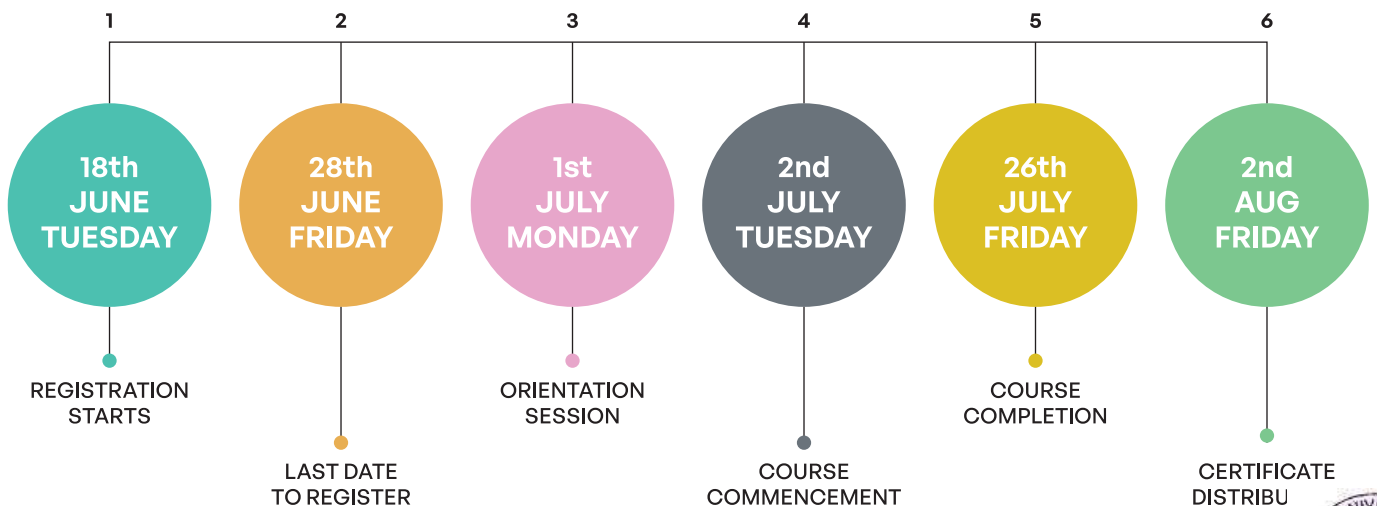




## ACCELERATED CREDIT COURSE PROGRAMME (ACCP)

CMR University introduces the Accelerated Credit Course Programme (ACCP) for 2024, which will be delivered in the online mode. Now, it is available for the Higher Secondary students from CMR/Ekya Schools across multiple streams. This innovative initiative presents students with the chance to proactively earn advanced certifications and credits while immersing themselves in modern, specialized fields, thus enriching their academic portfolio. In order to take advantage of this opportunity, you are invited to enroll in an ACCP course by indicating your top two preferences on the form provided below. Registration is open until 28th June 2024. Seize this chance to elevate your educational journey with CMR University's ACCP online courses.

### COURSE TIMELINE



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# COURSE DETAILS

Sl. No.	Course Name	Course Credits	Timings
1	Generative AI and Chat GPT	1	4.30 pm to 5.30 pm
2	Wireless Wanderlust: "The Art of Mobile Communication"	1	4.30 pm to 5.30 pm
3	Smart Materials	1	4.30 pm to 5.30 pm
4	Design 101	1	4.30 pm to 5.30 pm
5	Introduction to Architecture	1	4.30 pm to 5.30 pm
7	Introduction to Finance and Investment Management	1	4.30 pm to 5.30 pm
8	Introduction to Sales and Marketing Management	1	4.30 pm to 5.30 pm
9	FinTech	1	4.30 pm to 5.30 pm
10	Entrepreneurship	1	4.30 pm to 5.30 pm
11	Artificial Intelligence	1	4.30 pm to 5.30 pm
12	Web Design	1	4.30 pm to 5.30 pm
13	Introduction to Legal Writing	1	4.30 pm to 5.30 pm
14	Spirit of the Indian Constitution	1	4.30 pm to 5.30 pm
15	Psychology in Everyday Life	1	4.30 pm to 5.30 pm
16	Life Skills	1	4.30 pm to 5.30



# OFFERED COURSES IN ACCP 2024

Here is the list of proposed Accelerated Credit Courses for 2024 from all the participating schools of CMR University.

## School of Engineering and Technology

- Generative AI and Chat GPT - CSE/IT
- Wireless Wanderlust: “The Art of Mobile Communication” - ECE
- Smart Materials

## School of Design

- Design 101

## School of Architecture

- Introduction to Architecture

## School of Management

- Introduction to Finance and Investment Management
- Introduction to Sales and Marketing Management

## School of Economics and Commerce

- FinTech
- Entrepreneurship

## School of Science Studies

- Artificial Intelligence
- Web Design

## School of Legal Studies

- Introduction to Legal Writing
- Spirit of the Indian Constitution

## School of Liberal Studies

- Psychology in Everyday Life
- Life Skills

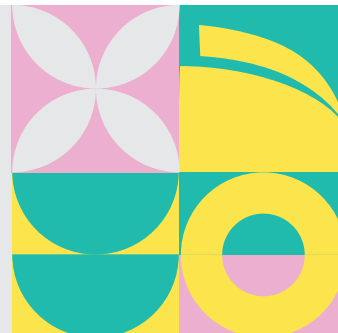






# ROLES AND RESPONSIBILITIES

- Register for the course (one at a time) using the form below.
- Attend the Orientation Session (30th April 2024).
- Attend classes regularly.
- Diligently participate in sessional activities.
- Complete assignments and assessments as per the curriculum



## FAQs

### What is the duration of the course?

The duration of the course is 15 hours spread over 4 weeks, i.e. 2 July – 26 July 2024. The sessions will be conducted every day for 1 hour from Monday to Friday tentatively between 4.30 PM and 5.30 PM depending on the availability of the resource persons.

### Is the course online or offline?

The Accelerated Credit Course Programme (ACCP) sessions will be in online mode.

### How should I choose my course(s)?

A student is allowed to choose two preferences (Eg. Preference-1 – Digital Skills and Preference-2 – Cybersecurity). The course will be offered based on the minimum number of registrations (20 applicants) for a particular course.

### How much is the course fee?

No Fees required.

### How will I know if my name is registered?

You will get a confirmation mail / message from acc2023@cmr.edu.in within 48 hours of your registration.

### When will I get the course link to join the Orientation and the Sessions?

The confirmation of the course that will be offered to you will be communicated to you by 29 June 2024. The link for the orientation session and the other sessions will be shared with you via email by the resource person who will be handling the course.

### Will the course include any assessments?

Yes! All the courses offered as part of the ACCP will have a minimum of 2 assessments which will be conducted during the 3rd and 4th week of the course for 25 marks each (the date and time of the assessment will be announced by the respective resource person).

### Will any study material/learning material be shared with the students?

Yes. The learning material will be shared by the resource person in the form of soft copies.

### Will feedback be taken regarding the course?

Yes. The feedback will be taken twice.

- The first round of feedback will be taken after a week of the commencement of the course
- The next round of feedback will be taken just before the conclusion of the course.

### Will any assignments be part of the course?

Yes. The course will include activities and assignments.

### What is the eligibility criteria for getting an ACCP e-certificate?

A student who has attended 85% of the sessions and obtained a minimum of 50% marks in the assessments conducted will be eligible for an ACCP Certificate.

### What is the eligibility criteria for getting ACCP credit?

If a student who has completed an ACC programme successfully gets admitted to any Undergraduate programme at CMR University will be entitled to an Advance Credit (Credit) for having successfully completed at least 1 ACC programme.

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# The CMR advantage

Nurturing excellence through an integrated Design Thinking Pedagogy rooted in creativity-based learning.

## FACULTY

Our distinguished faculty brings together a perfect blend of academic, industry, and research acumen, ensuring a well-rounded and dynamic learning environment.

## EXPERIENTIAL LEARNING

Fostered through thriving partnerships with leading industry collaborators.

## PROJECT BASED LEARNING

Activity Based Learning.

## SILICON VALLEY OF INDIA

Having the benefit of being hosted in the city of Bengaluru, which is brimming with brilliant ideas and a tapestry of talents.

## PROCESS

Academic processes propelled by ERP.

## SOCIAL ENGAGEMENT

Holistic Development and Service internship.



LAKESIDE CAMPUS



OMBR CAMPUS



CITY CAMPUS



**CMR UNIVERSITY**

Private University Estd in Karnataka State by Act No. 45 of 2013



**Lakeside Campus:** Off Hennur-Bagalur Main Road, Chagalahatti, Bengaluru - 562 149

**City Campus:** #2, 3rd Cross, 6th A Main, HRBR Layout, Bengaluru - 560 043

**OMBR Campus:** No.5, Bhuvanagiri, OMBR Layout, Bengaluru - 560 043

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## ADMISSIONS HELPLINE

+91 93429 00666

admissions@cmr.edu.in

www.cmr.edu.in

