



**RAJAGIRI COLLEGE OF MANAGEMENT AND APPLIED SCIENCES**  
**Rajagiri Valley P.O, Kakkanad, Kochi - 682 039**

<https://www.rajagiricollege.edu.in/>



**AICTE ATAL**

**Basic FDP**

on

**TRANSITIONING TO CIRCULARITY: EDUCATING FOR A SUSTAINABLE FUTURE**

(02nd September 2024 - 07th September 2024)

*Organised by:*

**Department of Management, RCMAS**



## ABOUT ATAL ACADEMY

The AICTE Training And Learning (ATAL) Academy has a visionary goal: "To empower faculty to achieve goals of Higher Education such as access, equity, and quality." AICTE, in alignment with the initiatives launched by the Government of India's Ministry of Human Resource Development, is dedicated to enhancing the standard of technical education nationwide. Recognizing the importance of skill development among the younger generation and the crucial role played by well-trained faculty and technicians in their respective fields, the Council acknowledges the imperative need for training. These training programmes are designed to augment the knowledge and competencies of students, rendering them more employable and globally competitive.

## ABOUT THE COLLEGE

Rajagiri College of Management and Applied Sciences (RCMAS), established in 2005, is a self financing College affiliated to the MG University and approved by AICTE. Owned and Managed by SH Province of Catholic Fathers of the 'Carmelites of Mary Immaculate' (CMI), the first-ever indigenous religious congregation founded in the 19th century by St. Kuriakose Elias Chavara. The college aims to realise the CMI vision to mould learners into future leaders with integrity, championing the cause of justice, love, truth and peace. Guided by the motto, 'Learn, Serve, Excel' the College seeks to enhance the moral, social and rational foundations of its students. The college offers Postgraduate and Four-Year Undergraduate Honours programmes in Commerce, Management, Computer Science, Animation and Graphic Design, English and Social Work.

## VISION AND MISSION OF THE COLLEGE



### VISION

To become a global nest of intellectual competence, holistic integration, social commitment, and future leadership.

### MISSION

To nurture holistic education for attaining academic excellence and competency, and to foster socially responsible citizens committed to sustainable environment.

## ABOUT THE DEPARTMENT

With a focused vision of imparting solid foundation in Management principles, theories and practices and to equip students for challenging entrepreneurial and managerial positions, the Department of Management was established in July 2005. Since its inception, holistic empowerment of the student community is given utmost importance. Various curricular and co-curricular programmes are designed and implemented in the department to enhance the knowledge, skills and attitudes of the students and to prepare them for higher studies as well as the corporate world. Student-centric learning methodologies are followed in the department to bring out the best and latent talents of each and every student. The department serves as a hub to mould competent and socially committed managerial professionals.

## ABOUT THE FDP



Transitioning to Circularity: Educating for a Sustainable Future" tackles global challenges like resource depletion and climate change through circular economy principles. Circular economy is an economic system aimed at eliminating waste and the continual use of resources. It contrasts with the traditional linear economy, which follows a 'take, make, dispose' model of production. This Faculty Development Program (FDP) equips educators with strategies for integrating sustainability into curricula, managing resources, and implementing green campus initiatives. It emphasizes actionable plans, future trends, and innovations, ensuring educators stay effective. The FDP also fosters networking and collaboration among participants. We have eminent resource persons in the field of circular economy to deliver the session. The six-day program combines theory with practical sessions, including industrial visits and hands-on training, to provide a comprehensive learning experience. By empowering educators, the FDP aims to drive significant positive changes in educational practices and campus sustainability.

# FDP SCHEDULE

| Day 1<br>02/09/2024  | Day 2<br>03/09/2024  | Day 3<br>04/09/2024   | Day 4<br>05/09/2024  | Day 5<br>06/09/2024   | Day 6<br>07/09/2024   |
|--|--|---|--|---|---|
| 9:00-9:30<br>Inauguration  |  |   |  |   |   |
| 9:30-12:00<br><b>Session 1</b><br>Understanding Linear vs<br>Circular Economy<br><br><i>Dr Muraleedharan S</i>         | 9:30-12:00<br><b>Session 3</b><br>Sustainability into Research<br>and Extension Activity<br><br><i>Dr Nirmla Padmanabhan</i> | 9:30-12:00<br><b>Session 5</b><br>A Global Perspective on<br>Emerging Technologies and<br>Innovations<br><br><i>Ms Shalini Goyal Bhalla</i> | 9:30-12:00<br><b>Session 7</b><br>Green Campus Initiatives<br><br><i>Mr Sunil Mathew Thomas</i>                            | 9:00 – 1:00<br>Industrial Visit   | 9:30:12:00<br><b>Session 10</b><br>Rethinking Waste: From<br>Disposal to Resource<br><br><i>Dr Bejoy K Thomas</i> |
| 12:00-1:00<br>Article Discussion   | 12:00-1:00<br>Article Discussion   | 12:00-1:00<br>Article Discussion  | 12:00-1:00<br>Article Discussion   |   | 12:00-1:00<br>Article Discussion  |
| 1:00-2:00<br>Lunch   | 1:00-2:00<br>Lunch   | 1:00-2:00<br>Lunch  | 1:00-2:00<br>Lunch   | 1:00-2:00<br>Lunch  | 1:00-2:00<br>Lunch  |
| 2:00-4:30<br><b>Session 2</b><br>The Importance of Circular<br>Economy in Sustainability<br><br><i>Dr Siby Abraham</i> | 2:00-4:30<br><b>Session 4</b><br>Teaching Tools and Resources<br><br><i>Dr Sangeetha K Prathap</i>                           | 2:00-4:30<br><b>Session 6</b><br>Circular Strategies for<br>Educational Institutions<br><br><i>Prof. Dr. Sankar Ganesh</i>                  | 2:00-4:30<br><b>Session 8</b><br>Implementing Circular<br>Economy Practices on Campus<br><br><i>Mr Sunil Mathew Thomas</i> | 2:00-4:30<br><b>Session 9</b><br>Circular Economy in Everyday<br>Practices: Simple steps to get<br>started<br><br><i>Dr Indu G Krishnan</i> | 2.00-4.00<br>MCQ and Journal Reflection   |
| 4:30-5:30<br>Hands on Training<br><br><i>Dr Siby Abraham</i>   | 4:30-5:30<br>Hands on Training<br><br><i>Dr Sangeetha K Prathap</i>  | 4:30-5:30<br>Hands on Session on recycling<br><br><i>Prof. Dr. Sankar Ganesh</i>  | 4:30-5:30<br>Teaching Practice<br><br><i>Mr Sunil Mathew Thomas</i>  | 4:30-5:30<br>Hands on Training<br><br><i>Dr Indu G Krishnan</i>   | 4.00-5.00<br>Valedictory Session  |

## RESOURCE PERSONS



**Shalini Goyal Bhalla**, *Managing Director, International Council for Circular Economy, Delhi.*

She is a pioneering expert in the fields of circular economy and sustainability, renowned as the Founder and MD of the International Council for Circular Economy (ICCE), a prominent Indian think tank advocating for circular economy practices globally. She authored India's first book on circular economy, influencing its integration into formal education. Recently, her research was featured by the Economic Advisory Council to the Prime Minister and in the G20 compendium. As editor of India's premier Journal on Circular Economy, she fosters research, innovation, and policy development in the field. Shalini is a distinguished global thought leader, recognized for numerous authored publications and leadership in global forums such as the World Circular Economy Forum, where she leads discussions on Global South and North collaborations. Her impactful contributions have earned her accolades, including recognition from the Ministry of Environment and Foreign Affairs of Finland for her outstanding work in climate action. Her visionary leadership and innovative approach continue to drive meaningful dialogue and actions towards a sustainable future.



**Prof. Dr. Sankar Ganesh**, *Professor, BITS Pilani, Hyderabad.*

He is a Professor of Environmental Biotechnology and the Coordinator of the Graduate School in Global Sanitation at BITS Pilani, Hyderabad Campus. He has 26 years of sandwich experience in academia and industry across SAARC, the Middle East, and Europe. Prof. Ganesh received his Ph.D. in Environmental Science and Engineering from Pondicherry (Central) University, India. Before his current academic tenure in India, he had post-doctoral training at the National Institute of Applied Sciences, Toulouse, France. After joining BITS Pilani, Hyderabad Campus, in 2009, Prof. Ganesh started teaching ecology, environmental science, environmental biotechnology, waste management, sanitation technology, and gene toxicology. His research focuses on waste and wastewater treatment, biomethanation, and biohydrogen production. Prof. Ganesh has been involved in several academic, translational, and societal projects funded by the Swiss Red Cross, Department of Biotechnology and the Department of Science & Technology, Government of India, Biotechnology Industry Research Assistance Council (BIRAC), Government of Andhra Pradesh and BITS Pilani. He has published four books, 23 book chapters, and 182 research papers in reputed international and national journals and conference proceedings.



**Mr. Sunil Mathew Thomas**, *Team Leader of Kerala Infrastructure Investment Fund Board*

He is a Chartered Engineer with 28 years of extensive experience in the construction industry, notably in the Middle East Gulf region. Currently serving as Team Leader at KIIFCON Pvt Ltd., a subsidiary of Kerala Infrastructure Investment Fund Board, he oversees projects for Cochin Smart Mission Limited under the Ministry of Housing & Urban Affairs, Government of India. His expertise spans project management, sustainable engineering, and green building practices, aiming for Gold ratings from the Indian Green Building Council. With a background in Civil Engineering from College of Engineering, Trivandrum, he is also pursuing an MBA in Operations Management from IGNOU and holds accreditations from IGBC and Institution of Engineers India.



**Dr. Sangeetha K. Prathap**, *Associate Professor at the School of Management Studies Cochin University of Science and Technology, Kochi, Kerala*

With over a decade of experience in research, teaching, and training, she is well-versed in exploratory research, quantitative analysis, and project management. Her academic journey includes a Ph.D. in Applied Economics, an MBA, and multiple postgraduate degrees. She has held significant roles, such as Chief of the University Employment Information & Guidance Bureau and has led numerous funded research projects. An accomplished scholar, Dr. Prathap has published extensively in both national and international journals, with her work focusing on areas such as microfinance, mobile payments, and the empowerment of women in fisheries. She has also contributed to several book chapters and served as an expert member in various governmental committees. Dr. Prathap is known for her exceptional problem-solving skills, creativity, and ability to manage multiple projects under tight deadlines.



**Dr. Muraleedharan, Retd Professor Maharajas College, Ernakulam.**

He holds a Ph.D in Economics. His areas of interest include Economics of Technology, Environmental Economics, Social Capital and Women Empowerment. Formerly, he was Head of the Department and Associate Professor in Economics, Maharaja's College, Ernakulam. He is a Research Supervisor in Economics of the Mahatma Gandhi University. He is also a Visiting Faculty (International Trade) of the National University of Advanced Legal Studies, Kochi and School of Industrial Fisheries, Cochin University of Science and Technology (Environmental economics and International Trade), Kochi. He was Project Consultant (Senior), ARTISTICC (International Project on Climate Change Adaptation), School of Industrial Fisheries, CUSAT. He was a Project Consultant in the Research Project "Group Farming in Kerala" of the Institute of Economic Growth, Delhi. The positions he held in the past include: Principal In Charge, Maharaja's College; Member, MSMEs Sub Group (Industry), 11th Five Year Plan, Planning Board, Government of Kerala; Member, Board of Studies in Economics of Mahatma Gandhi University and Sree Sankara University; Member Board of Studies in Economics of Maharaja's College, Ernakulam and Sacred Heart College, Kochi.



**Dr. Nirmala Padmanabhan, Associate Professor, Postgraduate Department and Research Center in Economics, St Teresas College, Ernakulam.**

She is an esteemed Associate Professor at the Post Graduate Department and Research Centre in Economics at St. Teresa's College, Ernakulam, Kerala. With a Ph.D. in Economics from Mahatma Gandhi University and over 24 years of teaching experience, her academic journey is marked by a profound focus on gender studies, environment and sustainable development, and local governance. Dr. Nirmala Padmanabhan has been instrumental in fostering educational innovation, exemplified by her role in architecting a diploma course in Financial Journalism and coordinating several training programs for self-help groups and students. As the coordinator of STEP (Society of Teresians for Environment Protection) and the Nodal Officer for TIBIC (Teresian Innovation and Business Incubation Centre) and Unnat Bharat Abhiyan, she has significantly contributed to environmental protection and sustainable development initiatives. Her recognitions include certificates of appreciation for her volunteer services during flood relief activities and her efforts in solid waste management.





**Dr. Bejoy K Thomas**, *Associate Professor and Associate Dean Academics, IISER Pune*

He is an interdisciplinary social scientist with interest in problem-driven research on environment and development. He is currently an Associate Professor in Humanities and Social Sciences at IISER, Pune, India. Originally trained in Economics, Bejoy holds a PhD in Development Studies from Tilburg University, The Netherlands (2009). He has been Fellow at ATREE, Bangalore, India (2008-2019), Royal Bank of Canada Visiting Fellow at the Water Institute, University of Waterloo, Canada (2016) and a Visiting Fellow at the Liu Institute for Global Issues, The University of British Columbia, Canada (2017). Bejoy has been an elected executive committee member of Indian Society for Ecological Economics (2016-18) and a member in the Government of Karnataka committee to develop an action plan to meet the UN SDG – 2. Bejoy is Associate Dean, Academics, at IISER Pune (2022-till date). He is part of the Centre for Water Research, IISER Pune and was its Chairperson (2020-23). He was the Convenor of ATREE's Centre for Environment and Development (2018-19) and elected faculty representative to the Governing Board (2015-17).



**Dr. Siby Abraham**, *HOD and Assistant Professor, Department of Economics, SH College Thevara, Ernakulam, Kerala*

He is a renowned academician and expert in the field of economics. He was awarded Ph.D by the Mahatma Gandhi University, Kottayam in 'Asset Price Inter-relationship'. He is a Research Guide in Economics of Mahatma Gandhi University. He has presented papers in many national and international seminars and published articles in reputed journals. Dr. Siby is a prolific investor and provides portfolio management guidance to a few well-known business enterprises based in Kochi and Mumbai.



**Dr. Indu G Krishnan**, *Assistant Professor, Department of Management, RCMAS, Kakkanad, Kerala*

She is an Assistant Professor with a Ph.D. in Management from Karunya University, Coimbatore, an MBA from SRM University, Chennai, an M.Com in International Business, and a Post Graduate Diploma in International Business Operations from IGNOU. She has qualified NET in Management and has a strong research background in Human Resource Management, Marketing Management, and International Business. Dr. Indu G Krishnan has presented papers at various conferences and published books and articles in esteemed journals, including studies on work-life balance and employee productivity, as well as emotional intelligence and job satisfaction among faculty members.



- Registration Fee - FREE
- Seat Availability - Maximum 50 participants
- Registration - Sign up via the AICTE ATAL website
- Registration Link- [AICTE Website](#) or [ATAL Academy Signup](#)
- For Any queries contact: +91 9446844832 or +91 9961477789
- Need help with registration? [Click Here](#)
- Budget accommodation is available on payment.

**Application Deadline : 18th August 2024**

**Notification of Acceptance: 20th August 2024**

**Faculty/ Researchers/Ph.D. scholars/PG students are welcome to apply**

**Coordinator:**

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Rajagiri Group of Institutions  
Managed by CMI Fathers

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