Criterion I
Curricular Aspects

RAJAGIRI COLLEGE OF MANAGEMENT AND APPLIED SCIENCES

RAJAGIRI VALLEY P.O, KAKKANAD, KERALA 682039

An ISO 9001 : 2015 Certified Institution

Affiliated to Mahatma Gandhi University, Kottayam and Approved by AICTE

1.2 **Academic Flexibility**

1.2.1 Number of Certificate/ Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed during the last five years
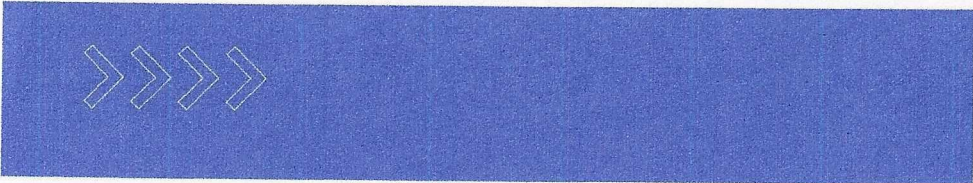
Brochures

2019-2020

RAJAGIRI COLLEGE OF MANAGEMENT AND APPLIED SCIENCES
AFFILIATED TO MAHATMA GANDHI UNIVERSITY, KOTTAYAM , APPROVED BY AICTE

RAJAGIRI VALLEY P.O., KAKKANAD, KOCHI - 682 039
Ph: 0484-2955270
Email: principal@rajagiricollege.edu.in
www.rajagiricollege.edu.in

Institutional programme brochure/ notice for Certificate/ Value added programs with course modules and outcomes

List of Courses for 2019-2020

RAJAGIRI COLLEGE OF MANAGEMENT AND APPLIED SCIENCES
RAJAGIRI VALLEY P.O, KAKKANAD, KERALA 682039

Course Coordinator
Ms. Anila Varghese
Assistant Profressor, RCMAS
8891652930

RCMAS
RAJAGIRI COLLEGE OF MANAGEMENT &
APPLIED SCIENCES

Certificate Course
in
Sustainable Business Practices

Department of Management
in association with
Internal Quality Assessment Cell (IQAC)

Date of Commencement - 18.09.2019
Duration - 30 Hours

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About The Department

The Department of Management at Rajagiri College of Management and Applied Sciences in Kakkanad, Kerala, focuses on providing a thorough education in management and business administration. They offer undergraduate programs in business administration. Faculty members are experienced professionals and industry experts who contribute significant knowledge to student learning through quality education and mentorship. The department emphasizes practical learning through activities like case studies, projects, internships, and industry visits.

Course Description

The Certificate Course in Sustainable Business Practices is designed to equip professionals with the knowledge and skills necessary to implement and manage sustainable practices in business environments. This course covers a range of topics including sustainability principles, corporate social responsibility (CSR), environmental management systems, sustainable supply chain management, and sustainable innovation.

Topics Covered

- Introduction to Sustainable Business Practices
- Environmental Management Systems
- Sustainable Supply Chain Management
- Sustainable Innovation and Product Development

Course Outcomes

- To Design and integrate comprehensive sustainability strategies across business operations.
- To Analyze and enhance supply chain processes to promote sustainable sourcing, ethical procurement, and reduced environmental impact.
- To Develop and utilize sustainability metrics and indicators to accurately measure performance.

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Course Coordinator
Ms Megha Mohan
Assistant Professor
9961477789

RCMAS
RAJAGIRI COLLEGE OF MANAGEMENT &
APPLIED SCIENCES

Certificate Course
in
Professional Etiquettes

Department of Management
in association with
Internal Quality Assessment Cell (IQAC)

Date of Commencement - 28.02.2020
Duration - 30 Hours

About The Department

The Department of Management at Rajagiri College of Management and Applied Sciences in Kakkanad, Kerala, focuses on providing a thorough education in management and business administration. They offer undergraduate programs in business administration. Faculty members are experienced professionals and industry experts who contribute significant knowledge to student learning through quality education and mentorship. The department emphasizes practical learning through activities like case studies, projects, internships, and industry visits.

Course Description

This course is designed to equip undergraduate students with the essential professional etiquette skills necessary for success in their academic and future professional endeavors. Emphasizing the importance of interpersonal communication, cultural awareness, and workplace conduct, students will learn how to navigate various professional environments with confidence and professionalism.

Topics Covered

- Introduction to Professional Etiquette, Skills
- Business Attire and Appearance
- Networking and Relationship Building
- Meeting and Presentation Etiquette
- Business Dining Etiquette
- Professionalism the Digital Age

Course Outcomes

- To Develop Effective Communication Skills
- To Master Networking Skills
- To get equipped for Professional Events

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Rajagiri College Of Management And Applied Sciences
Rajagiri Valley P.O
Kakkanad
Kochi - 682039

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RAJAGIRI COLLEGE OF MANAGEMENT AND APPLIED SCIENCES
kakkanad

DEPARTMENT OF COMPUTER SCIENCE
in Association With
Internal Quality Assurance Cell (IQAC)

Certificate Course
in
Python Development

Faculty Coordinators
Ms. Juby George
+91 9946982384
Ms. Dona Maria Mani
+91 9495109899

Duration:40 Hours
Date of Commencement:
21 sep 2019

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About the College

Rajagiri College of Management and Applied Sciences is an affiliated college offering undergraduate and post-graduate degrees conferred by Mahatma Gandhi University.

The institution marked its inception in the year 2005 and is modelled on the dream and vision of Saint Kuriakose Elias Chavara, the founder of CMI Congregation and a social reformer of 19th century.

About the Department

The Department of Computer Science at Rajagiri College of Management and Applied Sciences in Kakkanad, Kerala, is typically dedicated to providing high-quality education and training in various aspects of computer science, information technology, and related fields.

The faculty members of the Department of Computer Science are typically experienced professionals and scholars who play a crucial role in delivering quality education, mentoring students, and guiding them through their academic and professional development

Course Description

This course offers comprehensive training in Python programming, encompassing syntax, data structures, and advanced topics such as web development and data analysis.

Participants acquire hands-on experience and skills essential for careers in software development, data analysis, and related fields.

Topics Covered

- Python Fundamentals: Basics of Python, including syntax, data types, variables, and control flow.
- Advanced Python Concepts: Lists, dictionaries, functions, exception handling, and file I/O.
- Object-Oriented Programming (OOP): Introduction to OOP, classes, inheritance, and best practices.
- Web Development: Flask basics, handling web requests, templating, and deploying web applications.
- Data Manipulation and Visualization: Using libraries like NumPy and Pandas for data manipulation, visualization with Matplotlib and Seaborn, and integrating Python with databases.

Course Outcome/objective

1. Students will possess a strong command of Python, enabling them to write efficient and functional Python code.
2. Students will excel in applying object-oriented programming principles, designing and utilizing classes, and implementing inheritance and polymorphism.
3. Students will be proficient in web development using Python, including the creation of web applications, user input handling, and web page rendering.
4. Students will demonstrate their ability to manipulate and analyze data using Python libraries, along with creating compelling data visualizations.
5. Upon successful course completion, students will create a Python project and pass a certification examination, establishing themselves as certified Python developers prepared for real-world challenges.

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RAJAGIRI COLLEGE OF MANAGEMENT AND APPLIED SCIENCES
Kakkanad

DEPARTMENT OF COMPUTER SCIENCE
in association with
INTERNAL QUALITY ASSURANCE CELL (IQAC)

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RAJAGIRI COLLEGE OF MANAGEMENT &
APPLIED SCIENCES

Certificate Course in
Advanced Android Programming

RAJAGIRI COLLEGE OF MANAGEMENT AND APPLIED SCIENCES
Rajagiri Valley P . O
Kakkanad
Kochi - 682039

Duration :
30 Hours

Commences on :
Nov 21 , 2019

Course Facilitator

Sreejesh S,
Project Manager, RISS
Technologies,
Cochin

RISS Technologies,
Cogniz IT Solutions

Faculty Coordinators

Ms. Juby George
9946982384
Ms. Dona Maria Mani
9495109899

Faculty Coordinators

Ms. Juby George
9946982384
Ms. Dona Maria Mani
9495109899

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About The College

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About The Department

The Department of Computer Science at Rajagiri College focuses on delivering high-quality education and training in computer science, IT, and related fields. Its faculty comprises experienced professionals dedicated to mentoring students and guiding their academic and professional development.

Course Description

The certificate course in Advanced Android Programming delves deeper into Android app development, building upon foundational knowledge. Participants explore advanced topics such as complex UI design, background processing, networking, data storage, and integrating third-party libraries. Through hands-on projects and practical exercises, learners refine their skills in creating high-quality, feature-rich Android applications suitable for modern mobile environments.tle bit of body text

Topics Codererd

Advanced Android Fundamentals
- Review of app architecture
- Advanced UI design
- Using Android Jetpack components

Enhanced User Experience
- Animation , Touch input , Custom UIs
- Supporting different screen sizes
- Accessibility features

Working with External Data
- Integrating RESTful APIs,
- Handling JSON/XML data
- Caching , Location-based services

Debugging and Testing
- Android Studio debugging tools
- Writing tests , Optimizing performance
- Error handling ,Device testing

App Deployment and Distribution
- Preparing apps for the Play Store
- Security considerations
- Publishing updates
- Marketing strategies
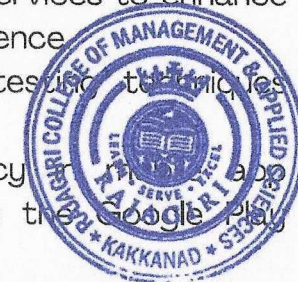
Course Outcome/Objective

CO 1: Develop complex Android applications by applying advanced programming concepts and best practices.

CO 2: Implement responsive and interactive user interfaces using Android's UI design tools.

CO 3: Utilize external APIs and services to enhance app functionality and user experience.

CO 4: Apply debugging and testing techniques specific to Android development.

CO 5: Demonstrate proficiency in app deployment and distribution on the Google Play Store.

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Rajagiri College of Management and Applied Sciences

Rajagiri Valley P.O
Kakkanad
Kochi - 682 039

Rajagiri College of Management and Applied Sciences
Kakkanad

Department of English

in association with

Internal Quality Assurance Cell (IQAC)

oraganises

Certificate Course on English Grammar Proficiency

Course Facilitator
Ms. Salu Varghese
Asst. Professor, Department of English,
RCMAS
+91 9496687017

Course coordinator

Mr.Jithu Tom Eapen
Asst.Professor,Department of English,
RCMAS
+91 9400308298

🕐 **Duration**
30 hours

📅 **Date of Commencement**
23.09.2019

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About the Department

The Department of English at Rajagiri College of Management and Applied Sciences in Kakkanad, Kerala, is typically dedicated to providing a comprehensive education in English language, literature, and related fields. As with many English departments in academic institutions, it aims to cultivate students' linguistic proficiency, critical thinking skills, and cultural awareness.
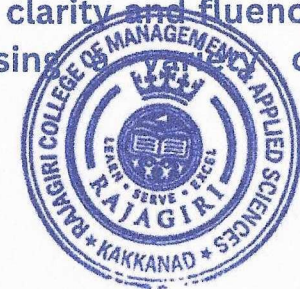
Course Description

The Certificate Course on English Grammar Proficiency is designed to provide a comprehensive understanding of English grammar for individuals seeking to enhance their language skills for personal, academic, or professional purposes. The course covers fundamental to advanced aspects of English grammar, equipping students with the knowledge and confidence to communicate effectively and accurately.

Topics Covered

• Parts of Speech (nouns, pronouns, adjectives, verbs, adverbs, conjunctions, prepositions, interjections).
• Subject-verb agreement Sentence structure (simple, complex, compound).
• Tenses (present, past, future)
•Clauses (coordinating, subordinating)

Objective

• Understand the fundamental building blocks of sentences (parts of speech) •Apply verb tenses correctly to communicate effectively Identify subjects and predicates to construct grammatically correct sentences. • Analyze sentence structure to improve clarity and fluency Craft effective sentences using of structures

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RAJAGIRI COLLEGE OF MANAGEMENT &
APPLIED SCIENCES

Rajagiri College of Management and Applied Sciences

Rajagiri Valley P. O
Kakkanad
Kochi - 682 039

Course Co-ordinator

Ms. Amala Manavalan
Asst. Professor, Department of English
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APPLIED SCIENCES

Rajagiri College of Management and Applied Sciences
Kakkanad
Department of English

in association with

Internal Quality Assurance Cell (IQAC)

organises

Certificate course in Ethical Standards for Media Professionals

Course Facilitater

Ms. Manju P. Mohan
Asst. Professor, Department of English
RCMAS

Duration
30 hours

Date of Commencement
06.01.2020

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About the Department

The Department of English at Rajagiri College of Management and Applied Sciences in Kakkanad, Kerala, is typically dedicated to providing a comprehensive education in English language, literature, and related fields. As with many English departments in academic institutions, it aims to cultivate students' linguistic proficiency, critical thinking skills, and cultural awareness.

Course Description

The Certificate Course in Ethical Standards for Media Professionals navigates the complexities of media ethics. This certificate course equips media professionals with the knowledge and skills to make ethical decisions in today's dynamic media landscape.

Topics Covered

- Foundational ethical principles
- Accuracy, fairness, and objectivity in reporting
- Privacy and confidentiality concerns
- Ethical use of social media and new technologies

Course Outcome

Develop a strong ethical framework for media practice
Analyze ethical dilemmas in real-world scenarios
Apply ethical principles to content creation, distribution, and consumption

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RAJAGIRI COLLEGE OF MANAGEMENT AND APPLIED SCIENCES KAKKANAD

Department of English Career Guidance & Placement Cell

in association with

Internal Quality Assurance Cell (IQAC)

organises

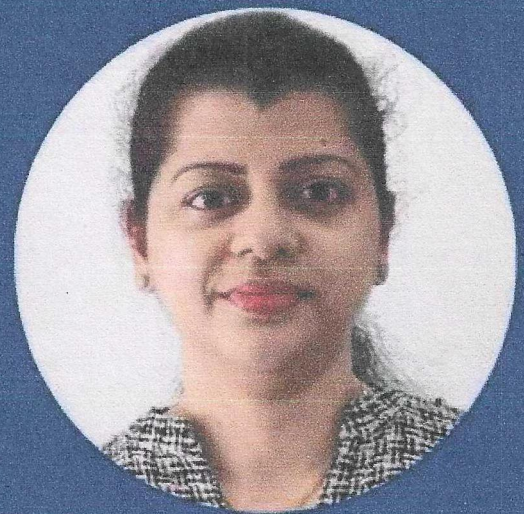## Certificate Course in Enhancing Linguistics Competence

Date of Commencement
12.02.2019

Duration
30 hours

Course Facilitater
Ms. Amala Manavalan

Asst. Professor, Department of English
RCMAS
+91 949~~~~ ~~~~

Course Co-ordinator

Ms. Lakshmi K Raghavan

Asst.Professor, Department of English
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RAJAGIRI COLLEGE OF MANAGEMENT & APPLIED SCIENCES

RAJAGIRI COLLEGE OF MANAGEMENT AND APPLIED SCIENCE KAKKANAD

Department of Commerce
in Association with
Internal Quality Assurance Cell (IQAC)

Certificate Course
in
Brand Management

Date of commencement: 09.08.2019

Duration: 45 Hours

Course Coordinator

Diana Joseph
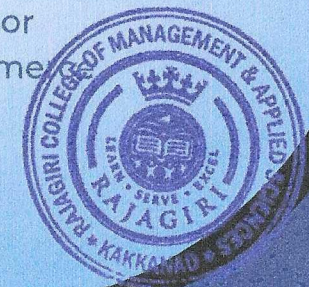Assistant Professor
Department of Commerce
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8089348320

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RAJAGIRI COLLEGE OF MANAGEMENT & APPLIED SCIENCES

About The Department

Vision
To Empower our Students with knowledge, skills and ethical grounding to excel in global economy

Mission
To cultivate socially responsible commerce professionals capable of addressing global challenges sustainably.

The Department of Commerce is committed to empowering students with the knowledge, skills, and ethical grounding essential for excelling in the global economy. Our vision emphasizes fostering a profound understanding of commerce principles while promoting integrity and responsibility. Through a comprehensive curriculum and dedication to ethical practices, we prepare students to become leaders in the dynamic world of commerce, ready to make meaningful contributions to society.

Course Description

This course offers comprehensive insights into brand management, covering foundational concepts, strategic brand planning, and practical applications to build, manage, and sustain strong brands.

Topics Covererd

- Introduction to Brand Management
- Strategic Brand Planning
- Building and Sustaining Brand Equity
- Practical Applications in Brand Management

Course Outcomes

- Understanding Core Principles: Students will grasp the fundamental concepts and principles of brand management.
- Strategic Brand Development: Students will learn to develop and implement effective brand strategies.
- Practical Application: Students will gain practical skills to manage and grow brands in real-world scenarios.

RAJAGIRI COLLEGE OF MANAGEMENT AND APPLIED SCIENCE
KAKKANAD

Department of Commerce
in association with
Internal Quality Assurance Cell (IQAC)

Certificate Course
in
Accounting with Tally

Rajagiri College of Management and Applied Sciences
Rajagiri Valley P.O
Kakkanad,Kochi – 682 039
0484-2955270, 9048899926

office@rajagiricollege.edu.in

Date of commencement: 08.01.2020
Duration: 35 Hours

Course Coordinator
Ms Diana Joseph
Assistant Professor
Department of Commerce
RCMAS
8089348320

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About The Department

Vision

To Empower our Students with knowledge, skills and ethical grounding to excel in global economy

Mission

To cultivate socially responsible commerce professionals capable of addressing global challenges sustainably.

The Department of Commerce is committed to empowering students with the knowledge, skills, and ethical grounding essential for excelling in the global economy. Our vision emphasizes fostering a profound understanding of commerce principles while promoting integrity and responsibility. Through a comprehensive curriculum and dedication to ethical practices, we prepare students to become leaders in the dynamic world of commerce, ready to make meaningful contributions to society.

Course Description

This course equips students with essential accounting principles and practical skills in using Tally for effective financial management and reporting.

Topics Covererd

- Introduction to Accounting
- Getting Started with Tally
- Advanced Features in Tally
- Practical Applications in Accounting with Tally

Course Outcomes

- Understanding Accounting Principles: Students will understand fundamental accounting concepts and practices.
- Proficiency in Tally: Students will gain proficiency in using Tally for various accounting tasks.
- Practical Application: Students will develop the ability to apply accounting knowledge and Tally skills in real-world scenarios.