

INDUSTRY – ACADEMIA COLLABORATIONS

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DEPARTMENT OF CHEMISTRY-BIOCHEMISTRY

Biocon-Ramaiah Quality Control Analytical (QCA) Certificate Program  
Batch-III

**JUNE – AUGUST 2021**

  
Principal,  
M.S. Ramaiah College of Arts, Science & Commerce  
MSRIT Post, MSR Nagar  
Bangalore - 560 054



**RAMAIAH**  
College of Arts, Science &  
Commerce

**M S Ramalah College of Arts, Science and Commerce**  
Re-accredited 'A' by NAAC, Permanently Affiliated to Bengaluru Central University,  
Approved by Government of Karnataka, Approved by AICTE, New Delhi,  
Recognized by UGC under 2F & 12B of UGC act 1956

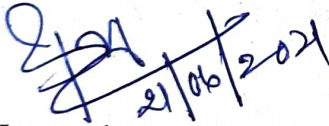
Ref: PO/CIR/2020-21/033-B

Date: 21<sup>st</sup> June, 2021

## CIRCULAR

This is to inform you that Biocon-Ramaiah QCA program for Batch-3 is scheduled from 25<sup>th</sup> June to 28<sup>th</sup> August, 2021.

This is for your kind information.

  
21/06/2021

Dr. Vasanth Kumar Bhaskara  
(Program Coordinator)



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## Event completion report

### Event Details

<b>Event</b>	Biocon-Ramaiah Quality Control Analyst Training Program for Batch-3
<b>Starting date of event</b>	25-06-2021
<b>Duration of event (in days)</b>	43 Days and 3 days of placement drive
<b>Name of the event organizing department</b>	Biocon Academy & M.S Ramaiah College of Arts, Science and Commerce
<b>Sponsor of the event</b>	Self-funded
<b>Committee members</b>	Mrs. Bindu (Biocon Academy) Dr. S.S Eeshwaran (Biocon Academy) Prof Nagarathna Amaresh (Principal) Dr. Vasanth K Bhaskara (Coordinator)
<b>Name of the Resource Persons</b>	Faculty of RCASC, RUAS, RMCH & Senior Consultants

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## Department of Chemistry & Biochemistry

### EVENT REPORT

**Objective of the Program:** To promote industry readiness among life and chemical sciences graduates, it is vital to expose them to the ecosystem in pharma industry. This process can be achieved through proper skill enhancement by combined efforts from industry and academia. Recent efforts by National Skill Development Council (NSDC) and few Biotech organisations are working together in a promising way. Continuing the similar efforts for Batch – 3, QCA program has been conducted for students selected through all over India.

### **Status of MoU between MSRCASC and Biocon Academy:**

MSRCASC, with a perspective to start a new certificate program on Quality Control Analytical (QCA) aspects in BioPharma Industry, was selected as 'education partner' with Biocon Academy with a 1-year probationary MoU on 19<sup>th</sup> February, 2019. After the successful conduction of first two batches of the training program, the MoU agreement has been extended till 2023 under the same terms and conditions.

### **Program Schedule & Outcomes:**

This certificate program aims at providing specific job skills with emphasis on instrumentation and regulatory background to help the students to find appropriate employment in quality sector of pharmaceutical industries.

#### Outcomes:

Deliver: Duties

Execute: Regulatory guidelines

Operate: Instruments

Investigate: Purities and Impurities

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SCHEDULE	MODULE
Week 1	Basic Toolkit
Week 2	Quality Management System
Week 3	Analytical Methods: Part-I: Spectral Methods
Week 4	Analytical Methods: Part-II: Chromatography (A)
Week 5	Analytical Methods: Part-III: Chromatography (B)
Week 6	Quality Analysis
Week 7	Stability Testing
Week 8	Hands-on Training – Thermo Fisher – IIT Mumbai

Total Planned = 50 Working Days X 8 effective hours = 400 hours

- Classroom teaching + Exams = ~135 hours
- Experiential learning = 160 hours
- Hands on training = 40 hours
- In-class activities = 45 hours
- Professional skill training = 20 hours

  
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### List of Resource Persons from RCASC, RUAS and RMCH:

#	Personnel	Affiliation	Duties Delivered
1	Prof. Nagarathna	RCASC	Chief Mentor
2	Dr. Vasantha Kumar Bhaskara	RCASC	Co-Ordinator of Bio-Ram QCA Batch-3 - 2021; student guidance; zoom sessions; delivering lectures, coordinating resource persons as per schedule; conducting student presentation sessions along with resource persons and evaluation
3	Dr. Naga Gireesh Bhojanala	RCASC	Moodle Co-Ordinator, organizing quizzes, assignments, conducting exams, delivering lectures and giving orientation
4	Mr. Uma Nandan Misra (40 Years of Industry Experience)	Dean, PTI Bangalore	Delivering Lectures
5	Ms. Lakshmi Achuta (Resource Person – 30 Years of Industry Experience)	Consultant, Ex-Biocon, Bangalore	Delivering Lectures
6	Dr. KNC Murthy	RMCH	Delivering Lectures
7	Dr. Asha K S	RCASC	Delivering Lectures
8	Dr. Aruna Kumari M L	RCASC	Delivering Lectures
9	Dr. Krishna Rao Jagarlamudi	RCASC	Delivering Lectures
10	Dr. Vemula Vani	RCASC	Delivering Lectures
11	Dr. Rajdurai M	RUAS	Delivering Lectures

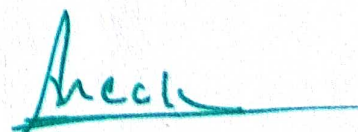
  
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**Student List**

S.No	Name of the students
1	Ankita Bhandari
2	Anu Merry Thomas
3	Asha Nittu Benny
4	Bharati Dongare
5	Deepa Subhash
6	Haripriya K
7	Indumathi
8	Meera Joseph
9	Sathyapriya
10	Shrinidhi Hegde
11	Thanmai Ramayanam
12	Tulasi DP
13	Shrinivasan P
14	Shubham Shrivastava
15	Suhail VS
16	Sreelakshmi P J

Student from Ramaiah College of Arts, Science and Commerce (RMCH)

S.No	Name of the students	Course/Reg.No
1	TULASI D P	M.Sc Biochemistry (Reg #17KUSBM015)



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# Glimpse of Learning Management System (LMS) of QCA Batch-3 and Zoom Sessions of Lectures:

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## Biocon-Ramaiah QCA\_2021

Dashboard / My courses / BioRamQCA2021

Biocon Academy

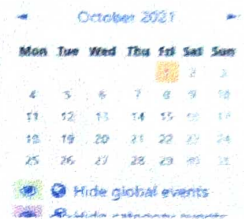


- Program Overview
- Modules and Chapters
- QCA\_batch3\_2021\_Calendar
- Announcements

Ramaiah



Calendar



Navigation

- Dashboard
- Site home
- Site pages
- My courses
  - BioRamQCA2021
    - Participants
    - Badges
    - Competencies
    - Grades

### Module 1/ June-28th-Mon to July 2nd Friday 2021/Basic Tool Kit

#### Basic Toolkit

**Course outcome:** Participants will get a clear knowledge on the role of quality function in the overall manufacturing value chain. By end of the course the participants will be ready to take up the specific courses training in the areas of quality control with knowledge on working practices and safety measures.

**Content:**

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Competencies

Grades

- General
- Module 1/ June-28th-Mon to July 2nd Friday 2021/Be...
- Module 2/ Mon 5th - Fri 9th July 2021/Quality Mana...
- Module 3/ Mon 12th - Fri 16th July 2021/Analytical...
- Module 4/ Mon 19th - Fri 23rd July 2021/Analytica...
- Module 5/ Mon 26th - Fri 30th July 2021/Analytica...
- Module 6/ Mon Aug 2 - Fri Aug 6th 2021/Quality Ye...
- Module 8/ Mon 16th - Fri 20th August 2021/Stabi...

All participants: 16/16

First name  A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

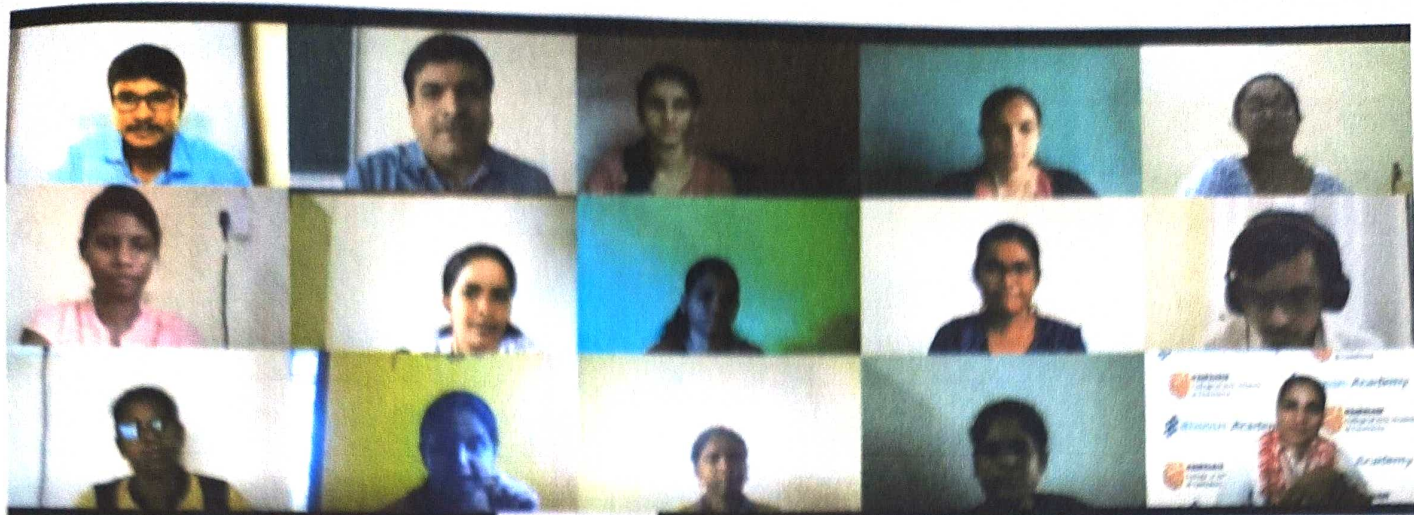
Surname  A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

First name / Surname	Username	Email address	Week 1 Quiz	Week 2 Quiz	Assignment 1
Ankita Ankita	ankita	ankbha101.students@bioconacademy.com	9.00	9.00	9.00
Anu Anu	anuanu	anutha.students@bioconacademy.com	8.00	9.00	8.00
Asha Asha	ashaasha	ashben.students@bioconacademy.com	8.50	7.67	9.50
Bharati Bharati	bharati	bhadon.students@bioconacademy.com	9.50	9.50	9.50
Deepa Deepa	deepa	deesub.students@bioconacademy.com	9.50	9.50	9.50
Haripriya Haripriya	haripriya	Haripk.students@bioconacademy.com	9.50	9.17	10.00
Indumathi Indumathi	indumathi	Indu101.students@bioconacademy.com	8.00	8.00	9.00
Meera Meera	meera	meejos.students@bioconacademy.com	9.50	9.00	9.50


*Meera*  
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**BIOCON-RAMAIAH QCA TRAINING PROGRAM**  
**BATCH-III**  
**2021**

**MODULE-1: BASIC TOOL KIT**

**01-07-2021 (TUESDAY)**  
**L5: PERSONAL PROTECTIVE EQUIPMENT (PPE)**  
**L6: GOOD LABORATORY PRACTICE (GLP)**

Resource Person: **Ms. LAKSHMI ACHUTA**  
Strategic Advisor-Biotech, Pharmaceutical & Medical Devices  
Bengaluru

02:34:27

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*Bangalore - 560 054*

### **Student's Screening, Recruitment and Placement:**

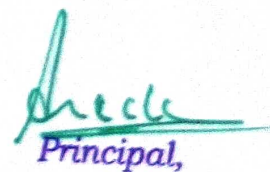
Biocon-Ramaiah Certificate program on Quality Control Analytical (QCA) for batch-3, 2021 has included total 16 number of students. Students from all over India with M.Sc Chemistry and M.Sc Biochemistry with minimum 6.8 GPA have applied and selected after two rounds of interviews, HR and technical rounds. After successful conduction of the training program, a recruitment drive has been conducted at Biocon and batch-3 has come up with 100% job placements for all the trainees in major pharma industries of India like Baxter, Biocon, Dr. Reddy's laboratories.

### **Finances – Consultancy Payments:**

The QCA program costs 30,000 plus tax (40% cost of the program) for the complete duration of the program. Remaining 60% cost of the program is covered by Biocon Scholarship which is provided all the selected students.

As part of the MoU and Consultancy, RCASC receives 20,000/- per student and for the QCA Batch-3, the total payment of 3,77,600.00/- (Without Tax Deductions) has been received through direct NEFT transaction to the principal account of the college.

RCASC management has compensated all the resource persons involved in the program as per the norms and conditions.



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**LIST OF RESOURCE PERSONS OF BIOCON RAMAIAH CERTIFICATE PROGRAM IN  
QUALITY CONTROL ANALYTICAL (QCA)  
BATCH-3 (25<sup>th</sup> June TO 28<sup>th</sup> Aug., 2021)**

	RESOURCE PERSONS	AFFILIATION
1	Dr. A Nagarathna (Chief Mentor)	MSRCASC
2	Dr. Vasanth K Bhaskara (Program Co-ordinator & Resource Person)	MSRCASC
3	Dr. Nagagireesh Bojanala (Dean of Sciences & Resource Person)	MSRCASC
4	Mr. Prasanna Kumar S. G (HoD, Department of Chemistry & Biochemistry)	MSRCASC
5	Mr. Uma Nandan Misra (Resource person - 40y Industry Experience)	Dean, PTI
6	Ms. Lakshmi Achuta (Resource person - 30y Industry Experience)	Ex-Biocon
7	Dr. KNC Murthy (Resource Person)	MSRMCH
8	Dr. Arunakumari ML (Resource Person)	MSRCASC
9	Dr. Asha KS (Resource Person)	MSRCASC
10	Dr. Krishna Rao Jagarlamudi (Resource Person)	MSRCASC
11	Dr. Vemula Vani (Resource Person)	MSRCASC
12	Dr. Rajdurai Murugan (Resource Person)	RUAS

Authorized Signatory,



SS.Easwaran,  
Academic Dean.