

# INDUSTRY – ACADEMIA COLLABORATIONS

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DEPARTMENT OF CHEMISTRY-BIOCHEMISTRY

BIOCON-RAMAIAH QUALITY CONTROL ANALYTICAL (QCA)  
CERTIFICATE PROGRAM FOR  
BATCH-V

**21<sup>st</sup> August – 16<sup>th</sup> October, 2023**

Ref: PO/CIR/2023-24/033-D

Date: 17<sup>th</sup> Aug., 2023

## CIRCULAR

This is to inform that Biocon-Ramaiah QCA program for Batch-5 is scheduled from 21<sup>st</sup> Aug., to 16<sup>th</sup> Oct., 2023. Training will be provided by subject matter experts and experienced consultant faculty of Biocon, M S Ramaiah College of Arts, Science and Commerce & ex-employees of Biocon and AstraZeneca.

This is for your kind information.

Dr. Vasanth Kumar Bhaskara  
(Program Coordinator)

HoD,  
Department of Chemistry & Biochemistry



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

ಎಮ್ ಎಸ್ ರಾಮಯ್ಯ ಕಲಾ, ವಿಜ್ಞಾನ ಮತ್ತು ವಾಣಿಜ್ಯ ಕಾಲೇಜು  
**M S Ramaiah College of Arts, Science and Commerce**  
Re-accredited 'A' by NAAC, Permanently Affiliated to Bengaluru City University,  
Approved by Government of Karnataka, Approved by AICTE, New Delhi,  
Recognized by UGC under 2f & 12B of UGC act 1956

## Event completion report

### Event Details

<b>Event</b>	Biocon-Ramaiah Quality Control Analyst Training Program for Batch-5
<b>Starting date of event</b>	QCA Training: 21 <sup>st</sup> Aug., to 16 <sup>th</sup> Oct., 2023
<b>Duration of event (in days)</b>	43 Days and 3 days for placement drive
<b>Name of the event organizing department</b>	Department of Chemistry & Biochemistry, MSRCASC & Biocon Academy
<b>Sponsor of the event</b>	Self-funded
<b>Number of participants</b>	20 (Biocon Academy)
<b>Committee members</b>	Mrs. Bindu Ajith (Biocon Academy) Dr. S.S Easwaran (Biocon Academy) Dr. Vatsala G (Principal) Dr. Pushpa H (Vice Principal, Sciences) Dr. Vasanth K Bhaskara (HoD & Program Coordinator)
<b>Name of the speakers with affiliation</b>	Faculty of MSRCASC, Anand Neuberg Diagnostic Laboratories & Senior Consultants

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Bangalore 560 054

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**W** www.msrmasc.edu.in

## **Department of Chemistry & Biochemistry**

### **EVENT REPORT**

#### **Objective of the program:**

To prepare M. Sc Chemistry & Biochemistry students for an industry ready candidate they need to get exposed to an ecosystem in pharma industry.

This program is with an objective of giving theoretical and practical knowledge in the field of quality control and analytical domain to prepare them to suit to the industry requirement.

#### **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. Recent renewal has been signed extending the covenant for next three years until 2026.

#### **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. Program includes rigorous training for 8 weeks with theoretical sessions in the morning and functional visits at Biocon and Syngene in the afternoon sessions.

## Outcomes:

- Trainees will attain the appropriate knowledge and skills to deliver their duties as QC staff.
- Program gives proper exposure to regulatory guidelines.
- Candidates attain prior skills to handle QC instrumentation
- Thorough exposure to different methods of checking the pharmaceutical product impurities and quality determination

BIOCON RAMAIAH CERTIFICATE PROGRAM IN QUALITY CONTROL ANALYTICAL (QCA) - BATCH 5 - TRAINING CALENDAR																																	
M/D	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun					
AUG	MODULE 1							MODULE 2							MODULE 3							MODULE 6											
	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
	B5 LAUNCH	L1, L2	L3, L4	L5, L6	GL			SP1	L7, L8	L9, L10	L11, L12	SEPT			SP2							GL	L13, L14	L15, L16	L17, L18	SP3			THERMO FISHER / SYNGENE TRAINING				
	ICE BREAKING	PS1	FV1	PS2				CSD 1	FV2						PS3						CSD 2	FV3	PS4										
SEPT	MODULE 4							MODULE 5							MODULE 7							MODULE 8											
	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15					
	Ganesh Festival Holiday	L19, L20	L21, L22	L23, L24	SP4			GL	L25, L26	L27, L28	GL - MSR Holiday	L29, L30	SP5	OCT							Gandhi Jayanti Holiday	L31, L32	L33, L34	L35, L36	SP7			L37, L38	L39, L40	L41, L42	SP8		
			FV4	PS5				CSD 3	FV5		CULTURA L DAY											FV6	PS6			PS7	KMS	OD@W	DL	MI			
OCT	PLACEMENT WEEK																																
	16	17	18	19	20	21	22	23	24	25	26	27	28	29																			
	Exams		PLACEMENTS				Dasara Holidays								L	Lecture	CSD	Case Study Discussion	OD@W	One Day at Work - Alumni	GL	Guest Lecture	PS	Professional Skills	MI	Mock Interviews	SP	Students Presentations	FV	Functional Visits	DL	Demo Lab	
	TA Head MENTORING	Placement schedule																															

## 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 Testing
Week-7	Stability Testing
Week-8	Hands-on-training – Thermo Fisher

Total Planned = 50 Working Days X 8 Effective hours = 400 hrs

- Classroom teaching + Exams = ~105 hours
- Experiential learning = 160 hours
- Hands on training = 40 hours
- In-class activities = 45 hours
- Professional skill training = 20 hours
- Presentations & Group Discussions = 30 hours

LIST OF RESOURCE PERSONS OF BIOCON-RAMAIAH QCA PROGRAM

BATCH-5 (21<sup>st</sup> Aug., TO 16<sup>th</sup> Oct., 2023)

#	Personnel	Affiliation
1	Dr. Vatsala G (Principal)	MSRCASC
2	Dr. Pushpa H (Vice Principal)	MSRCASC
3	Dr. Vasanth K Bhaskara (Program Co-ordinator & Resource Person)	MSRCASC
4	Dr. Smrithi S P (Moodle Incharge)	MSRCASC
5	Ms. Lakshmi Achuta (Resource person)	Ex-Biocon
6	Mr. Uma Nandan Misra (Resource person)	Dean, PTI
7	Dr. Ashly P C (Resource Person)	MSCASC
8	Dr. KNC Murthy (Resource Person)	Prof., Anand Diagnostics Lab
9	Dr. Jyoti L Iyer (Resource Person)	Ex-Biocon
10	Dr. Vemula Vani (Resource Person)	MSRCASC
11	Dr. Bharath K Devendra (Resource Person)	MSRCASC
12	Dr. Shashidhar Bharadwaj S (Resource Person)	MSRCASC

Authorized signatory,

  
SS Easwaran

Academic Dean

## List of Resource Persons of QCA Program Batch-V

#	Personnel	Affiliation	Duties Delivered
1	Dr. Vatsala G (Principal)	RCASC	Corporate collaborations, MoUs, Program Launch Representation
2	Dr. Pushpa H (Vice Principal)	RCASC	Corporate collaborations, MoUs, Program Launch Representation
2	Mr. Hanumantha Reddy (Finance Division)	RCASC	Overall logistics and assistance with finances
4	Dr. Vasanth Kumar Bhaskara	RCASC	Co-ordinator of Bio-Ram QCA Batch-4 - 2022; LMS orientation; Student support; Zoom sessions; Delivering lectures, Coordinating resource persons with schedule, Moodle Maintenance, student presentation session organizer; final exam question paper setter in moodle and Evaluation.
5	Dr. Smrithi S P	RCASC	Moodle Co-Ordinator; Module lecture PPT uploading; Evaluation of PPT
5	Mr. Uma Nandan Misra (40 Years of Industry Experience)	Dean, PTI Bangalore	Delivering Lectures and mentoring student presentation sessions
6	Ms. Lakshmi Achuta (Resource Person – 30 Years of Industry Experience)	Consultant, Ex-Biocon, Bangalore	Delivering Lectures/Mentoring student presentation sessions/Conveyance/Tax
7	Dr. KNC Murthy (Resource Person)	Anand Neuberg Labs	Delivering Lectures
8	Dr. Jyoti L Iyer (Resource Person)	Ex-Syngene Employee	Delivering Lectures and Mentoring student presentation session
9	Dr. Ashly P C (Resource Person)	RCASC	Delivering Lectures and Mentoring student presentation session
10	Dr. Bharath K Devendra (Resource Person)	RCASC	Delivering Lectures and Mentoring student presentation session
11	Dr. Shashidhar S Bharadwaj (Resource Person)	RCASC	Delivering Lectures and Mentoring student presentation session
12	Dr. Vemula Vani (Resource Person)	RCASC	Delivering Lectures and Mentoring student presentation session

## PARTICIPANTS LIST

Biocon-Ramaiah Quality Control Analytical (QCA)  
Batch-5, 2023

S. No	Name of the trainees
BIOCON ACADEMY QCA TRAINEES (20 )	
1	<b>FAIZAN N MOHAMMED</b>
2	<b>GAYATHRI JAYARAJ</b>
3	<b>JAYANTH JAGADEESHAN</b>
4	<b>ESWAR JAYARAMAN</b>
5	<b>THANUJA R M</b>
6	<b>RAVEENA K</b>
7	<b>JOVIAL JOHNY</b>
8	<b>KUSUMA A S</b>
9	<b>MEGHA TIWARI</b>
10	<b>REVATHI K M</b>
11	<b>ARPITHA A</b>
12	<b>MEERA RAJEEVAN</b>
13	<b>ASHNA BIJOSH</b>
14	<b>GURMEET KAUR</b>
15	<b>SARANGA C S</b>
16	<b>BHARGAVI HOSURU</b>
17	<b>SONA ALEX</b>
18	<b>KAVYA MURALIDHARAN</b>
19	<b>BAVYA DAS</b>
20	<b>PRIYA PRAKASH</b>



We cordially invite you for the orientation program of **BATCH 5** of  
**BIOCON RAMAIAH CERTIFICATE PROGRAM IN QUALITY CONTROL ANALYTICAL**  
on Monday, August 21, 2023

## PROGRAM AGENDA

**9:30 AM - 10:30 AM**

### **Batch Opening Ceremony -**

- **Introduction & MC** - SS Easwaran, Academic Dean, Biocon Academy
- **Launch Address** By Mr. Michael Cutter, Global Head of Quality, Biocon Biologics
- **Keynote Address** By Dr. Vatsala G, Principal, MS Ramaiah College of Arts, Science & Commerce
- Talk by Subject Matter Experts
- Talk by Alumni

**10:30 AM - 10:45 AM**

### **Group Photo & Coffee Break**

**10:45 AM - 11:30 AM**

### **Introduction to Biocon Academy and the Team**

- Ms. Bindu Ajit, Program Dean, Biocon Academy

**11:30 AM - 1.00 PM**

### **Corporate Presentation**

- Ms. Seema Shah Ahuja,  
Global Head - Corp Brand & Head of Communications - EM

**1:00 PM - 1:30 PM**

### **Lunch Break**

**1:30 PM - 2:00 PM**

### **Course Calendar & Outcomes**

- Dr. Ramgopal Rao, Senior Academic Manager, Biocon Academy

**2:00 PM - 2:30 PM**

### **IT General Guidelines**

- Mr. Girish Babu P, Associate Manager, IT, Biocon

**2:30 PM - 2:45 PM**

### **Coffee Break**

**2:45 PM - 3:15 PM**

### **LMS Orientation: Moodle Training & Course Module Run-through**

- Dr Vasanth K Bhaskara, Assistant Professor, Department of Chemistry & Biochemistry, MS Ramaiah College of Arts, Science & Commerce

**3:15 PM - 3:45 PM**

### **Students Policies, Do's & Don'ts**

- Ms. Nidhiya Manoj P, Senior Operations Generalist, Biocon Academy

### **Social Media & SMR**

- Nabeel C T, Communication Specialist, Biocon Academy

**3:45 PM - 5:15 PM**

### **Ice Breaking Session**

- Ms. Nidhiya Manoj P, Senior Operations Generalist, Biocon Academy



# Glimpse of Learning Management System (LMS) of QCA Batch-5 and Zoom Sessions of Lectures:

Not secure moodle-rcasc.org/course/view.php?id=11

airtel: Prepaid | Postpa... Speedtest by Ookla... airtel: Prepaid | Postpa... The fastest free YouTu... My Profile - Zoom WhatsApp Sci-Hub: removing ba... Examination Results All Bookmarks

Ramaiah College of Arts, Science, and Commerce Vasanth K Bhaskara

## BioRam QCA B5\_2023

Dashboard / My courses / Certificate Programs / BioRam QCA B5\_2023 Turn editing on

Navigation

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          - Module 2: Aug-29th Tue., to Sep-1st Fri., 2023/Qua...
          - Module 3: Sep-4th Mon., to Sep-8th Fri., 2023/Thu...

ANNOUNCEMENTS

**Restricted** Not available unless: You belong to any group

Quiz name	TAKE THE EXAM (Click Here to ENTER)
Course name	BioRam QCA B5_2023
Open the quiz	Monday, 10 October 2023, 10:00 AM
Close the quiz	Monday, 10 October 2023, 11:15 AM
Open for	1 hour 15 mins
Total number of complete graded attempts	20
Average grade of first attempts	76.42%
Average grade of all attempts	76.42%
Average grade of last attempts	76.42%
Average grade of highest graded attempts	76.42%
Median grade (for highest graded attempt)	75.00%
Standard deviation (for highest graded attempt)	7.10%
Score distribution skewness (for highest graded attempt)	-0.0053
Score distribution kurtosis (for highest graded attempt)	-0.5398
Coefficient of internal consistency (for highest graded attempt)	54.67%
Error ratio (for highest graded attempt)	87.46%
Standard error (for highest graded attempt)	4.83%

CLASS REPRESENTATIVE: PRIYA PRAKASH

**Student Presentation (SP) Sessions:**

- Team-1: Revathi/Gurmeet/Eswar/Arpitha
- Team-2: Saranga/Sona/Bhargavi/Ashna
- Team-3: Raveena/Jayanth/Priya/Megha
- Team-4: Gayathri/Meera/Kusuma/Bavya
- Team-5: Faizan/Jovial/Thanuja/Kavya

Not secure moodle-rcasc.org/course/view.php?id=11#section-1

airtel: Prepaid | Postpa... Speedtest by Ookla... airtel: Prepaid | Postpa... The fastest free YouTu... My Profile - Zoom WhatsApp Sci-Hub: removing ba... Examination Results All Bookmarks

Ramaiah College of Arts, Science, and Commerce Vasanth K Bhaskara

## Module 1: Aug-22nd Tue., to Aug-25th Fri., 2023/Basic Tool Kit

Module 4: Sep-19th Tue., to Sep-22nd Fri., 2023/An...  
 Module 5: Sep-25th Mon., to Sep-30th Fri., 2023/An...  
 Module 7: Oct-3rd Tue., to Oct-6th Fri., 2023/Qual...  
 Module 8: Oct-10th Tue., to Oct-13th Fri., 2023/St...  
**FINAL BIORAM QCA B5 EXAM ON 16th OCT. 2023**  
**PLACEMENTS: 18th OCT., 2023**  
 BioRam QCA B4\_2022  
 BioRamQCA2021  
 BioRam-QCA 2019

Administration

- Course administration
  - Edit settings
  - Turn editing on
  - Course completion

**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.

**Basic Tool Kit**

- Introduction to Quality Unit
- Quality professional – what's so different
- Quality Control function: Layout and workflow
- Basic statistics and Sampling methods
- Basic concepts:
  - Validation
  - Calibration
  - Verification
- Personal protective equipment and Good Laboratory Practices

Module 1: Basic Tool Kit

- L1\_Basic Toolkit\_Intro-Ms. Lakshmi Achuta.pptx
- L2\_Basic Toolkit \_Dr. Jyoti Iyer.pdf
- L2\_digitization-automation-and-online-testing.pdf
- L2\_novartis-quality-management-system.pdf
- L3\_Basic Tool Kit-Sampling-Identification-and-Testing.pdf
- L4\_Basic Tool Kit -Validation, Calibration, and Verification.pdf

# BioRam QCA B5\_2023

Dashboard / My courses / Certificate Programs / BioRam QCA B5\_2023 / Participants

## Navigation

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        - Notes
        - Vasanth K Bhaskara
  - Badges
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  - Grades
    - General
      - Module 1: Aug-22nd Tue., to Aug-25th Fri., 2023/Ba...
      - Module 2: Aug-29th Tue. to Sep-1st Fri.

## Participants

No filters applied

Enrol users

Search keyword or select filter

Number of participants: 32

First name  All 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  All 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

1 2 >

Select	First name / Surname	Username	Email address	Roles	Groups	Last access to course	Status
<input type="checkbox"/>	Arpitha A	arpa101.qcab5	arpa101.student@bioconacademy.com	Student	No groups	16 days 20 hours	Active
<input type="checkbox"/>	Ashley PC	ashleypc	leaashxl@gmail.com	Teacher	No groups	Never	Active
<input type="checkbox"/>	Ashna Bijosh	ashbj.qcab5	ashbj.student@bioconacademy.com	Student	No groups	104 days 1 hour	Active
<input type="checkbox"/>	Bavya Das	bavdj.qcab5	bavdas.student@bioconacademy.com	Student	No groups	103 days 16 hours	Active



**ADMISSIONS OPEN**  
Biocon Ramaiah Certificate Program in Quality Control Analytical | Batch 5

From: 21<sup>st</sup> August, 2023 TO 20<sup>th</sup> October, 2023

Final Exam: 16<sup>th</sup> Oct., 2023

Placements: 18<sup>th</sup> Oct., 2023

## LEARNING MANAGEMENT SYSTEM (LMS)

- Dr. Vasanth K Bhaskara Ph.D  
Bio-Ram QCA Coordinator

WELCOME To BATCH-5 STUDENTS  
Date: 21-08-2023

L1 QCAB5 Mrs Lakshmi 220823 Biocon Academy

**BIOCON-RAMAIAH QCA TRAINING PROGRAM BATCH-V 2023**

**MODULE-1: BASIC TOOL KIT**

**21-08-2023 (TUESDAY)**  
L1: INTRODUCTION TO PHARMA INDUSTRY AND QUALITY UNIT  
L2: QUALITY FUNCTIONS & QUALITY PROFESSIONAL

Mentors: (L1) Ms. LAKSHMI ACHUTA  
Strategic Advisor-Biotech, Pharmaceutical & Medical Devices - Bengaluru

(L2) Dr. JYOTI LIYER  
Ex-Biicon Vice-president, Head of Product Development @Evolusion Therapeutics, Bengaluru

QCAB5 M3 L15 L16 Dr Ashley 06092023

L7 & L8 QCAB5 Mr Umanand 290823



PARAMETERS	Marks
PPT Slides	10
Oral Communication	10
Conceptual Clarity	10
Team effort	10
Response to Questionnaire	10
<b>TOTAL = 50 M</b>	

SP1 QCA B5 28082023

**Biocon Academy**  
Adding Value, Enhancing Skills

**Quality Control Analytical Training Batch 5**

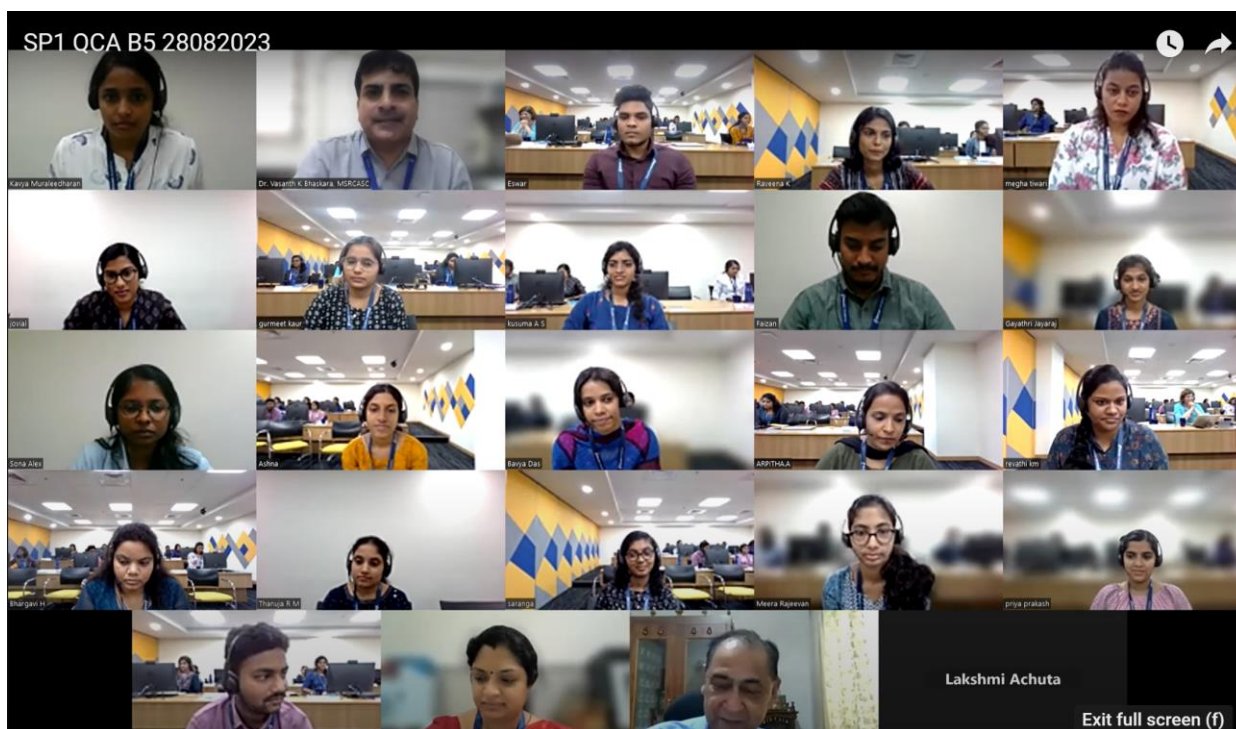
Module 1-Basic Tool kit  
Lecture 1-Introduction to pharma industry and quality unit  
Lecture 2-Quality Control functions and quality control professional

**Presented by :-Team 1 - Gurmeet, Revathi, Arpitha, Eswar**

Mentors-

Ms. Lakshmi Achuta, MRQA  
Principal Strategic Advisor - Biotech, Pharmaceuticals & Medical Devices - Ash-Rin Bio-Strategy | Quality | Compliance | Skill Enhancement

Dr. Jyoti L. Iyer  
Senior Scientist, BKL, Walawalkar Rural Medical College and Hospital



## Students Recruitment, Evaluation and Placement:

Biocon-Ramaiah certificate program on quality control analytical (QCA) for batch-5 has included total 20 number of students. Selected candidates were from all over India with M.Sc Chemistry and M.Sc Biochemistry qualification having minimum 6.8 GPA and selected after two rounds of interviews including HR and technical screening. After successful conduction of the training program, a recruitment drive has been conducted at Biocon Academy and 100% job placement for all the trainees have been done in major pharma industries like Biocon, Syngene, Baxter, Dr Reddy Labs, Intas Pharmaceuticals, etc.

Final exam was conducted with total 60 multiple choice questions covering all modules of the training program conducted for 1hour and 30 min on 16<sup>th</sup> October, 2023. Exam was conducted through the online moodle platform with automatic self-evaluation pattern.

## Exam Participant Details of QCA – Batch 5:

1	Surname	First name	Username	Email address	State	Started on	Completed	Time taken	Grade/60.00
2	Faizan N	Mohammed	mohfj.qca	mohfai101.student@bioconaca	Finished	16 October	16 October	58 mins 18 secs	45.00
3	Jayaraj	Gayathri	gayjj.qcab	gayjay.student@bioconacadem	Finished	16 October	16 October	1 hour 3 mins	44.00
4	Jagadeeshan	Jayanth	jayjj.qcab	jayjag.student@bioconacadem	Finished	16 October	16 October	50 mins 23 secs	52.00
5	Jayaraman	Eswar	eswjj.qcab	eswjay.student@bioconacaden	Finished	16 October	16 October	1 hour 6 mins	37.00
6	R M	Thanuja	tharm101.	tharm101.student@bioconacac	Finished	16 October	16 October	1 hour 7 mins	42.00
7	K	Raveena	ravk104.q	ravk104.student@bioconacade	Finished	16 October	16 October	57 mins 8 secs	41.00
8	Johny	Jovial	jovjj.qcab	jovjoh.student@bioconacaderr	Finished	16 October	16 October	59 mins 58 secs	42.00
9	A S	Kusuma	kusas101.	kusas101.student@bioconacad	Finished	16 October	16 October	59 mins 7 secs	44.00
10	Tiwari	Megha	megtj.qca	megtiv.student@bioconacade	Finished	16 October	16 October	1 hour 5 mins	44.00
11	K M	Revathi	revkj.qcab	revkm101.student@bioconacac	Finished	16 October	16 October	56 mins 8 secs	45.00
12	A	Arpitha	arpa101.q	arpa101.student@bioconacade	Finished	16 October	16 October	1 hour 5 mins	51.00
13	Rajeevan	Meera	meerj.qca	meeraj.student@bioconacader	Finished	16 October	16 October	57 mins 2 secs	52.00
14	Bijosh	Ashna	ashbj.qca	ashbij.student@bioconacadem	Finished	16 October	16 October	59 mins 4 secs	49.00
15	Kaur	Gurmeet	gurkj.qcab	gurkau102.student@bioconaca	Finished	16 October	16 October	1 hour 1 min	41.00
16	C S	Saranga	sarcs102.q	sarcs102.student@bioconacade	Finished	16 October	16 October	1 hour 5 mins	45.00
17	Hosuru	Bhargavi	bhahj.qca	bhahos.student@bioconacade	Finished	16 October	16 October	1 hour 2 mins	45.00
18	Alex	Sona	sonaj.qca	sonale.student@bioconacaden	Finished	16 October	16 October	1 hour 3 mins	53.00
19	Muraleedharan	Kavya	kavmj.qca	kavmur.student@bioconacade	Finished	16 October	16 October	54 mins 15 secs	49.00
20	Das	Bavya	bavdj.qca	bavdas.student@bioconacader	Finished	16 October	16 October	55 mins 36 secs	48.00
21	Prakash	Priya	pripj.qcab	pripra102.student@bioconacac	Finished	16 October	16 October	1 hour	48.00
22	Overall average								45.85

## FINAL EXAM METRICS

Quiz name	TAKE THE EXAM (Click Here to ENTER)
Course name	BioRam QCA B5_2023
Open the quiz	Monday, 16 October 2023, 10:00 AM
Close the quiz	Monday, 16 October 2023, 11:15 AM
Open for	1 hour 15 mins
Number of complete graded first attempts	20
Total number of complete graded attempts	20
Average grade of first attempts	76.42%
Average grade of all attempts	76.42%
Average grade of last attempts	76.42%
Average grade of highest graded attempts	76.42%
Median grade (for highest graded attempt)	75.00%
Standard deviation (for highest graded attempt)	7.16%
Score distribution skewness (for highest graded attempt)	-0.0053
Score distribution kurtosis (for highest graded attempt)	-0.5394
Coefficient of internal consistency (for highest graded attempt)	54.57%
Error ratio (for highest graded attempt)	67.40%
Standard error (for highest graded attempt)	4.83%

## **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 to all the selected candidates.

As part of the MoU and consultancy, MSRCASC receives 20,000/- per student and for the QCA Batch-5 of Biocon academy total 4,32,000/- without tax

deductions has been received on 26<sup>th</sup> Dec., 2023 through direct NEFT transaction. (after tax deduction). Invoice was submitted for total amount of 4,72,000.00 Rs.

MSRCASC management has compensated all the resource persons as soon the money was received from Biocon as per the work load fulfilling the norms and conditions.