



## PG AND RESEARCH DEPARTMENT OF CHEMISTRY JAMAL MOHAMED COLLEGE (AUTONOMOUS)

Accredited (3<sup>rd</sup> Cycle) with 'A' Grade by NAAC  
DBT Star College Scheme & DST – FIST Funded  
(Affiliated to Bharathidasan University)  
Tiruchirappalli-620 020, Tamil Nadu, India



# JAM CHEM FEST 2K23

*(A National-level Inter-Collegiate Fest)*

## 14<sup>th</sup> March 2023

TUESDAY



### ABOUT THE INSTITUTION

Jamal Mohamed College was founded in 1951. It was first affiliated to the University of Madras. In 1982, the college was affiliated to Bharathidasan University. Jamal Mohamed College is situated in the heart of Tiruchirappalli city. It was established as a religious minority institution with the primary objective of providing higher education to the downtrodden and the socially backward section of the society in general and Muslim minority in particular.

The college is administered by the society of Jamal Mohamed College. Hajee. M.J. Jamal Mohamed sahib and Janab N.M. Khajamian Rowther of revered memory were the founding fathers of this institution.

Over the period of 70 years, the college was able to scale greater heights and raise to the present status as a multi-faculty institution with 23 UG and 21 PG programmes. Seventeen departments of the college are approved research centers. The college has the strength of 12000 students. There are 145 Government Aided teaching faculty and 374 are working under the self-supporting category.

The college celebrated its silver Jubilee in 1971, subsequently the Golden Jubilee and Diamond Jubilee in 2001 and 2011 respectively. It is worth mentioning that the college was accredited at 'A' Grade with Five Star status by NAAC in 2001.

The Autonomous status was conferred on this institution by the UGC and Bharathidasan University in 2004-2005. The institution has been bestowed with 'College with Potential for Excellence' status in 2011-2012. The college has retained 'A' Grade by NAAC during the third cycle of Accreditation in 2015. The college has obtained the prestigious 79th rank among Top ranking institutions in NIRF Rankings – 2022.

It is remarkable to state that the college has been categorized as band 'A' institution (rank between 6-25) in category of Institutes of colleges (Govt. and Aided) in Atal Ranking of Institutions an Innovation achievement (ARIIA) with Three Star status by the Institutions Innovation Council (IIC), MHRD innovation cell, Government of India in August 2020.

### ABOUT THE DEPARTMENT

The Department of Chemistry started in the year 1953 is one of the founding departments of this premier institution. It offers UG, PG, M.Phil and Ph.D programmes. The well-qualified faculty members of the Department actively involved in research pertaining to their chosen fields such as Organic, Inorganic, Polymer, Nano, Environmental, Phyto and Electrochemistry. Three Major Research Projects and a good number of minor research projects fund to worth Rs. 60,00,000/- funded by UGC, Ministry of Environment and Forests and TNSCST are successfully completed. The faculty members have filed 3 patents of their research work in the field of Phyto and Nano chemistry. The department has so far produced 106 Ph.Ds and 290 M.Phils. The department is equipped with well-furnished laboratories and also an instrumentation centre with FT-IR, UV- Visible Spectrometer Instruments and Chemical Vapour Deposition. Another feather added to the cap is the department's recent recognition as DST-FIST center and DBT-star college scheme in 2020.

### ABOUT THE EVENT

**JAM CHEM FEST 2K23** means Jamal Chemistry festival 2023. It is an Inter-Collegiate Fest exclusively organized for young chemists. It creates a platform for exploring their talents and knowledge in chemistry. This event will enable the young minds to face the greatest challenge of the modern world. We request you to send teams from your department to take part in "**JAM CHEM FEST 2k23**".

**GRACE THE FEST AND MAKE IT BEST!**

## CHIEF PATRONS

**Dr. A. K. Khaja Nazeemudeen**  
*Secretary and Correspondent*

**Hajee, M. J. Jamal Mohamed**  
*Treasurer*

**Dr. K. Abdus Samad**  
*Assistant Secretary*

**Dr. K. N. Abdul Kader Nihal**  
*Member and Honorary Director*

**Dr. S. Ismail Mohideen**  
*Principal*

**Dr. A. Mohamed Ibraheem**  
*Vice-Principal*

**Dr. K. N. Mohamed Fazil**  
*Director- Hostel Administration*

**Ms. J. Hajira Fathima**  
*Director Women Hostel*

## CONVENER

**Dr.M.Mohamed Sihabudeen**  
*Additional Vice-Principal*  
*Associate Professor & Head, Department of Chemistry*

## ORGANISING SECRETARIES

**Dr. J. Muneer Ahamath**  
*ASSISTANT PROFESSOR*

**Dr. A. Asrar Ahamed**  
*ASSISTANT PROFESSOR*

## ORGANISING COMMITTEE

**Dr. M. Seeni Mubarak** *ASSOCIATE PROFESSOR*

**Dr. A. Jafar Ahamed** *ASSOCIATE PROFESSOR*

**Dr. M. Syed Ali Padusha** *ASSOCIATE PROFESSOR*

**Dr. A. Jamal Abdul Nasser** *ASSISTANT PROFESSOR*

**Dr. A. Zahir Hussian** *ASSISTANT PROFESSOR*

**Dr. J. Sirajudeen** *ASSISTANT PROFESSOR*

**Dr. K. Loganathan** *ASSISTANT PROFESSOR*

**Dr. M. Anwar Sathiq** *ASSISTANT PROFESSOR*

**Dr. M. Purusothaman** *ASSISTANT PROFESSOR*

**Dr. K. Riaz Ahamed** *ASSISTANT PROFESSOR*

**Dr. S. K. Periyasamy** *ASSISTANT PROFESSOR*

**Dr. R. Abdul Vahith** *ASSISTANT PROFESSOR*

**Dr. S. S. Syed Abuthahir** *ASSISTANT PROFESSOR*

**Dr. M. Yaseen Mowlana** *ASSISTANT PROFESSOR*

**Dr. S. Farook Basha** *ASSISTANT PROFESSOR*

**Dr. N. Mujafarkani** *ASSISTANT PROFESSOR*

**Dr. S. Mohamed Rabeek** *ASSISTANT PROFESSOR*

**Dr. F. M. Mashood Ahamed** *ASSISTANT PROFESSOR*

**Mr. M. Varusai Mohamed** *ASSISTANT PROFESSOR*

**Dr. H. Mohamed Kasim Sheit** *ASSISTANT PROFESSOR*

**Dr. B. Arifa Farzana** *ASSISTANT PROFESSOR*

**Dr. A. Mushira Banu** *ASSISTANT PROFESSOR*

**Dr. A. Samsath Begum** *ASSISTANT PROFESSOR*

**Dr. K. Mahmoodah Parveen** *ASSISTANT PROFESSOR*

**Dr. R. Arulnangai** *ASSISTANT PROFESSOR*

**Dr. G. Hema Sindhuja** *ASSISTANT PROFESSOR*

**Ms. R. Parveen Banu** *ASSISTANT PROFESSOR*





PG AND RESEARCH DEPARTMENT OF CHEMISTRY  
JAMAL MOHAMED COLLEGE (Autonomous)  
Accredited (3<sup>rd</sup> Cycle) with 'A' Grade by NAAC  
DBT Star College Scheme & DST – FIST Funded  
(Affiliated to Bharathidasan University)  
Tiruchirappalli-620 020, Tamil Nadu, India



# JAM CHEM FEST 2K23

(A National-level Inter-Collegiate Fest)

## 14<sup>TH</sup> MARCH 2023

TUESDAY



## GUIDELINES...

### GENERAL RULES

- ✚ Participants should come before 9:00 am for spot registration with their ID cards.
- ✚ Prelims will be conducted for CHEM QUIZ, CHEM CHARADE and CHEM MASTER.
- ✚ Participants enrolling in more than one event are requested to manage their enrollment according to the schedule of events.
- ✚ Please confirm your registration on or before **11/03/2023**.
- ✚ Registration fee is Rs.200/- per participant.
- ✚ Registration and payment should be through online mode only. Registration link and brochure QR code are given in the Invitation.
- ✚ Spot registration fee Rs. 250/- per participant.

Note: Lunch and refreshments will be provided to all the participants.  
For further clarification, you may contact: Dr. J. Muneer Ahamath (9751383954)  
Dr. A. Asrar Ahamed (9842380379)

### (1) CHEM PRESENTATION UG & PG

- Topic for UG : Heavy metal poisoning
- Topic for PG : Nano materials
- Duration – 5minutes (10 – 15 Slides )
- Participants should mail their presentation to [jamchemfest@gmail.com](mailto:jamchemfest@gmail.com)

### (2) CHEM ADZ

- ✓ Topic will be announced on spot.
- ✓ Duration – 5minutes
- ✓ 5 participants from each College.

### (3) CHEM SKETCH

- Set of sheets will be provided and participants have to sketch it.
- Only 1 participant from each College.
- Participants should bring their own stationery.

#### **(4)CHEM QUIZ**

- ❖ Prelims will be conducted.
- ❖ 3 participants from each College. (1 participant from PG can participate – optional)
- ❖ Only 6 teams will be selected for finals.

#### **(5)CHEM CHARADE**

- ✓ Prelims will be conducted.
- ✓ 2 participants from each College.
- ✓ For final round only 5 teams will be selected.

#### **(6)CHEM TALK**

- On the Spot, any one of the topics will be announced from the following: Bio polymers, Periodic table, E- Waste management, Green Chemistry, Chemicals in Agriculture, Biodegradable Plastics, Nucleic acids, Ceramics, Paints, Role of Enzymes, Radio activity, Uses of S-block elements in daily life.
- Only 1 participant from each College.
- Duration : 3- 5 minutes

#### **(7) CHEM DRAW**

- On the spot, topic and chart will be provided. Participants can draw on their own ideas.
- Only 1 participant from each College.
- Participants should bring their own stationery.

#### **(8) CHEM MASTER**

- ✓ Prelims will be conducted.
- ✓ Only 1 participant from each College.
- ✓ Questions will be asked from laboratory and analytical aspects.
- ✓ For final round only 4 teams will be selected.
- ✓ In finals, participants will be taken to laboratory and they will be provided with unknown chemicals and they have to analyze them.

**For online payment transfer the total amount to the account given below.**

#### **JAMAL MOHAMED COLLEGE (Autonomous)**

**Tiruchirappalli– 620 020**

#### **ACCOUNT DETAILS**

Current Account No : 046702000000009  
Account Name : JAMAL MOHAMED COLLEGE  
IFSC CODE : IOBA0000467  
MICR CODE : 620020010  
BRANCH : IOB JMC BRANCH , TRICHY - 20

**Note :** Money should be sent only through Domestic Bank Accounts



**PG AND RESEARCH DEPARTMENT OF CHEMISTRY**  
**JAMAL MOHAMED COLLEGE (Autonomous)**  
Accredited (3<sup>rd</sup> Cycle) with 'A' Grade by NAAC  
DBT Star College Scheme & DST – FIST Funded  
(Affiliated to Bharathidasan University)  
Tiruchirappalli-620 020, Tamil Nadu, India



## **JAM CHEM FEST 2K23**

*(A National-level Inter-Collegiate Fest)*

**14<sup>TH</sup> MARCH 2023**

**TUESDAY**



<b>TIMING</b>	<b>EVENTS</b>		
8:00a.m. to 9:15a.m.	<b>REGISTRATION (Near N.B. ABDUL GAFOOR Auditorium)</b>		
9:30a.m. to 10:15a.m.	<b>WELCOMING AND HOSTING THE FEST</b>		
10:30a.m. to 11:00a.m.	<b>PRELIMS CHEM QUIZ (LH-99)</b>	<b>PRELIMS CHEM CHARADE (LH-100)</b>	<b>PRELIMS CHEM MASTER (LH-101)</b>
10:30a.m. to 11:30a.m.	<b>CHEM ADZ (N.B. Abdul Gafoor Auditorium)</b>	<b>CHEM PRESENTATION UG (LH-97)</b>	<b>CHEM SKETCH (LH-98)</b>
11:30a.m. to 12:00 Noon	<b>REFRESHMENT TIME</b>		
11:30a.m. to 1:00 p.m.	<b>FINALS CHEM MASTER</b>		
12:00 Noon. to 1:00p.m.	<b>CHEM TALK (N.B. Abdul Gafoor Auditorium)</b>	<b>CHEM PRESENTATION PG ( LH-97)</b>	<b>CHEM DRAW (LH-101)</b>
1:00p.m. to 2:00p.m.	<b>LUNCH TIME</b>		
2:00p.m. to 2:30p.m.	<b>FINALS CHEM CHARADE (N.B. Abdul Gafoor Auditorium)</b>		
2:30p.m. to 3:00p.m.	<b>FINALS CHEM QUIZ (N.B. Abdul Gafoor Auditorium)</b>		
3:00p.m. to 3:30p.m.	<b>CULTURALS</b>		
3:30p.m. to 4:00p.m.	<b>AWARD CEREMONY</b>		