MSC (FOOD TECHNOLOGY)

cftri

BROCHURE

C.F.T.R.I.
Mysuru, IN

Central Food Technological Research Institute(CFTRI), Mysore (A constituent laboratory of Council of Scientific and Industrial research, New Delhi) came into existence during 1950 with the great vision of its founders, and a network of inspiring as well as dedicated scientists who had a fascination to pursue in-depth research and development in the areas of food science and technology.

The Institute has geared up its R&D and impact of the globalisation has given very good dividends with a large number of externally funded projects from national and international agencies. The present scenario in the country is very vibrant with rising capital investment in food industry, which is expanding at a rapid pace in urban markets for processed foods, especially for the traditional foods through eco-friendly technologies.

The role of CFTRI has always been on a high pedestal in the areas of human resource development and R&D partnerships cherished through the international linkages with institutions such as the Institute of Food Technologists (USA), UN University (Tokyo), European Economic Commission (Belgium), National Science Foundation (USA) and many more. CFTRI is an ISO 9001:2008 and ISO 14001:2004 organisation and NABL accredited for chemical and biological testing of samples.

This unique features of CFTRI are of importance in building an everlasting partnership with industries and agencies for excellence in science and technology, sponsoring consultative research and business tie-ups for long term strategic research as well as unparalleled technology development in the area of food science and technology.

This vibrant scenario has consolidate CFTRI to evolve its capabilities and to position itself as a global R&D hub with a firm commitment in reaching its R&D to people through adaptable, affordable and appropriate technologies.

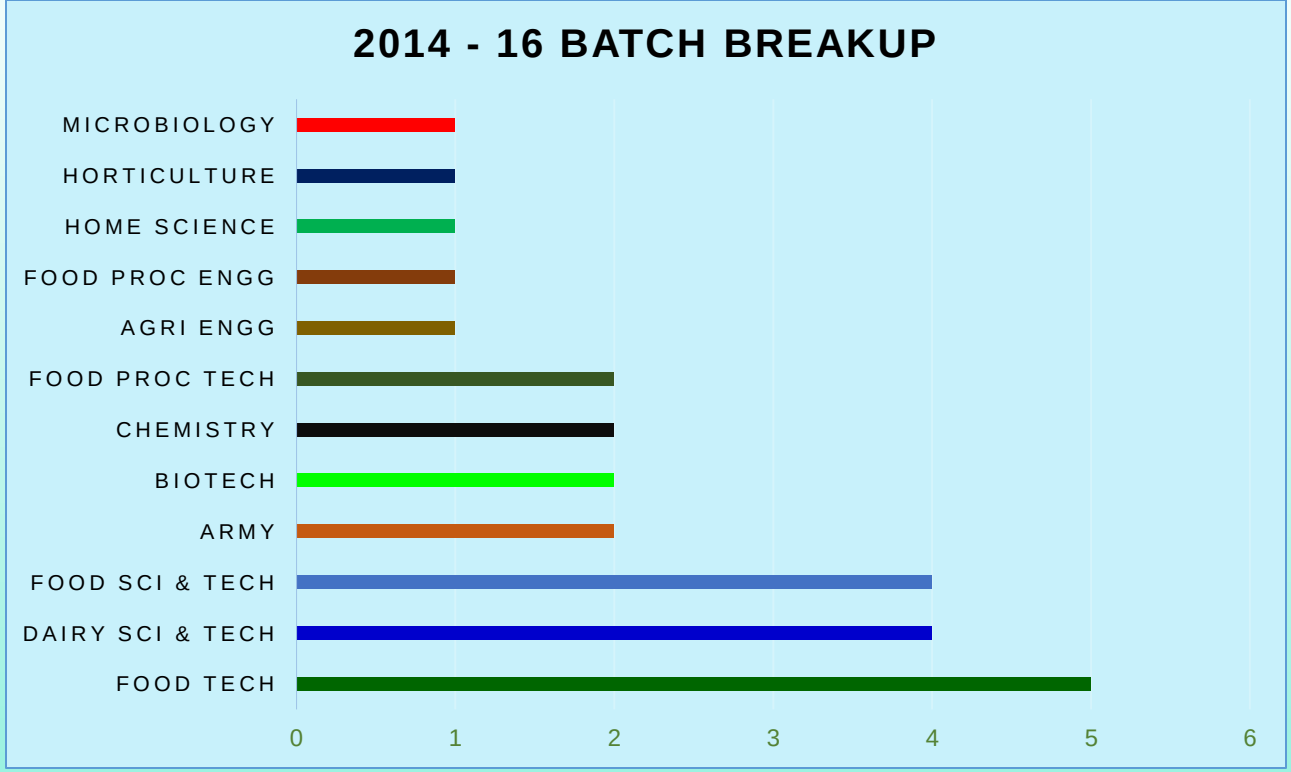
M. Sc (Food Technology)

M.Sc (Food Technology) course was started in the year 1964 as a part of International Food Technology Training Centre (IFTTC) in the prestigious R & D Institute - the Central Food Technological Research Institute, Mysuru. The vision of the pioneers was to bring about revolutionary impact in the area of Food Science and Research. The students are the pillars and torchbearers of food processing industry in India and other countries.

The merit cum entrance exam system sees students getting admission to this course. There is also an uptake of 1 seat from the Indian Army. M.Sc (Food Technology) is an inter – disciplinary course aimed to foster the food industries with highly trained food technocrats. The extensive course curriculum amalgamated with hands – on experience equips the students to address contemporary challenges and answer future emergencies in the food sector.

The in – depth knowledge gained by dissertation and investigation work in the second year gives the students an opportunity to add value and utility to existing processes and products through R & D. It further gives an impetus to sustainable development, address food security and food safety through human resource development.

The technical knowledge is further given a sound backing by a practical insight through industrial trips after first and third semesters.


2014 - 16 BATCH BREAKUP
MICROBIOLOGY
HORTICULTURE
HOME SCIENCE
FOOD PROC ENGG
AGRI ENGG
FOOD PROC TECH
CHEMISTRY
BIOTECH
ARMY
FOOD SCI & TECH
DAIRY SCI & TECH
FOOD TECH
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CAMPUS PLACEMENT DRIVE SEES STUDENTS GETTING JOBS BEFORE COMPLETING THE COURSE. MORE THAN 98% STUDENTS GET PLACED IN REPUTED COMPANIES, A PARTIAL LIST IS GIVEN BELOW

PAST RECRUITERS

IFFCO
Syngenta
UB GROUP
BRITANNIA
Fonterra Dairy for life
Coca-Cola
Cargill
CavinKare Making Lives Happier
Café Coffee Day
ITC Limited
KERRY
MARS
Mondelēz International
Nestlé
SAB MILLER
gsk GlaxoSmithKline
Heinz
PEPSICO
VKL Behind every great taste
NISSIN
Unilever
Parle Agro
symrise always inspiring more...
PARLE

List of subjects offered

I SEMESTER

- Food chemistry
- Basic & food microbiology
- Principles of general engineering
- Applied mathematics & statistics
- Advances in engineering

II SEMESTER

- Principles of food processing
- Biochemistry
- Food engineering
- Human physiology and nutrition
- Bioinformatics and biostatistics
- Baking and confectionery technology

III SEMESTER

- Microbial fermantations
- Food biotechnology and bioengineering
- Minor project (dissertation)
- Technology of milk and milk products
- Animal products technology
- Packaging technology and supply chain

IV SEMESTER

- Technology and infestation control of cereals, legumes & oilseeds or
- Technology and infestation control of fruits and vegetables or
- Technology and infestation control of plantation products & flavours
- Major project (investigation)
- Food quality, safety and analysis
- Molecular biology and genetic engineering
- Agri – food business management and intellectual property

- **THE ABOVE LIST INCLUDES BOTH HARD CORE AND SOFT CORE SUBJECTS.**
- **ACTUAL SUBJECTS WILL BE ANNOUNCED BEFORE START OF THE SEMESTER.**
- **CREDITS REQUIRED FOR AWARD OF DEGREE = 76. COURSE CREDITS = 80.**

2015 – 17 BATCH ADMISSION DETAILS

Important dates:

DATE	DAY	EVENT
10TH APRIL	FRIDAY	START OF ONLINE APPLICATION
15TH MAY	FRIDAY	CLOSE OF ONLINE APPLICATION
5TH JUNE	FRIDAY	LAST DATE FOR RECEIVING APPLICATION FORM ALONG WITH ALL DOCUMENTS AND DEMAND DRAFT
14TH JUNE	SUNDAY	ENTRANCE EXAM AT CSIR-CFTRI, MYSURU (10:00 TO 12:00)
30TH JUNE	TUESDAY	LAST DATE TO RECEIVE FINAL GRADUATION DEGREE MARKS CARD
6TH JULY	MONDAY	DECLARATION OF RESULTS
8TH JULY	WEDNESDAY	ACCEPTANCE OF SEAT BY CANDIDATE – TO SEND MAIL IN CONFIRMATION
12TH AUGUST	WEDNESDAY	ADMISSION TO THE COURSE AT CSIR-CFTRI, MYSURU
17TH AUGUST	MONDAY	COMMENCEMENT OF CLASSES

Admission Application

ELIGIBILITY CRITERIA:

Bachelor's degree in Science/ Agriculture/ Engineering/ Technology

APPLICATION FEE:

Rs. 500/- as Demand Draft in favour of Director, CSIR-CFTRI, Mysuru. Application fee is **NON – REFUNDABLE**

MINIMUM MARKS REQUIREMENT:

i) 55% in optional subjects of B.Sc course (50% for SC/ ST students)
ii) 50% in B.Sc (Hons.) course (45% FOR SC/ ST students)
iii) Minimum second class for Agriculture/ Horticulture/ Engineering/ Technology

ENTRANCE TEST:

Eligible students are required to take the entrance test held at CFTRI, Mysure on Sunday, June 14th 2015. No TA/ DA is admissible for students to appear for this test.

RESERVATION:

For SC/ ST and students with physical disabilities:- Applicable for admission to the course as per Government orders in this regard

Candidates claiming reservation under specific category are required to provide attested documents as proof in support of their claims.

SELECTION PROCESS:

The marks scored in Bachelor's degree and Entrance test are given 50% weightage each and selection is based on ALL INDIA MERIT with applicable reservation rules.

Printout of application form along with relevant marks/ grade cards and other documents should reach **on or before Friday 5th June 2015.** The Institute shall not be held responsible for any postal/ courier delay.

Documents to send:

1. Filled application form – print out with photo and signature
2. X std marks card (Copy)
3. Attested photocopies of ALL semesters marks/ grade cards of qualifying exam
4. Date of birth certificate (Copy)
5. Caste certificate (if applicable - Copy)
6. Parent/ Guardian's latest income tax return filed or income proof (Copy)
7. Demand draft (Original)

Students' Hostel

Send all documents in envelope

M. Sc (FT) application form

Write this without fail. Helps us process your document faster.

Documents with inadequate stamps will **not** be received.

To
THE COORDINATOR MSc (Food Technology)
CSIR – Central Food Technological Research Institute
CHELUVAMBA MANSION, K.R.S. ROAD
MYSURU – 570 020, KARNATAKA

From:
Name of candidate
Address (in full)
Application No. 2015/001

Write this without fail. Helps us process your document faster.

Contact:

Human Resource Development Department

Telefax: **(0821) 2416 028**

(Monday to Friday) (09:00 to 13:00 and 1330 to 1730)

Email: **hrd@cftri.res.in**

Frequently asked questions:

Does CFTRI give MSc or MTech degree

CFTRI only conducts the 2 year MSc (Food Technology) course and the degree is awarded by University of Mysore.

When was the course started?

The course was started in 1964.

What is the eligibility criteria to write the entrance exams?

Bachelor degree in Science/ Agriculture/ Horticulture/ Engineering/ Technology.

What is the minimum marks requirement?

Students who have passed in the Bachelor's degree should have:

i) Scored 55% in optional subjects (50% for SC/ST category)
ii) Scored 50% for BSc (Hons) course (45% for SC/ST category)
iii) Minimum second class for Agriculture/ Horticulture/ Engineering/ Technology

Frequently asked questions:

What is the reservation criteria for selection?

According to the University of Mysore rules, 50% seats are reserved for SC/ ST/ OBC and students with physical disabilities. Candidates claiming reservation under the specific category are required to provide attested documents as proof in support of their claims.

What is the number of seats

There are 30 seats available for the course.

Is it true that there is one seat for one state?

No. According to University of Mysore rules, the seat allotment is based **only** on merit. The top 30 students would get the seat. One seat is reserved for a personnel from the Indian Army (in service candidates). The roster (reservation scheme) of the University of Mysore is strictly followed.

So how many seats are available for general merit?

Half the number of seats are available for general merit i.e., 15. Out of these 15 seats, a seat is reserved for Indian Army candidate.

Frequently asked questions:

Is graduation marks also important for getting into CFTRI?

Yes, graduation marks are important for getting into CFTRI. The weightage for the entrance exam and graduation marks are 50% each.

What is the minimum marks in graduation to get into CFTRI?

The marks of the students who have appeared for the entrance exam in a given year would decide. In one batch there may be students with 70% graduation marks and in another batch students with 95% graduation marks may be appearing.

Is it true that one should have studied Maths in XII for getting into CFTRI?

The University of Mysore rules states that students who have not studied Maths in XII are eligible. But since the Food Technology course requires mathematics and statistics during the course of study, having studied Maths in XII makes it easier to understand and score in the exams.

Frequently asked questions:

Can I get the previous year's entrance exam question papers?

The question papers of CFTRI entrance exam are not allowed to be taken out of the examination hall. The examination panel at CFTRI are aware of questions on social networking sites and new questions are put up taking care so that they are not repeated.

Is it compulsory to stay in the students' hostel?

No, it is not compulsory to stay in the students' hostel. One can make their own arrangements for stay and boarding. Having said that, it is preferred to stay in the campus itself, since campus life is something to be enjoyed and cherished. The hostel canteen is managed by the students (no profit – no loss basis) and is not expensive. It is situated in the heart of the city thus giving the choice of dining out as well.

What is the fee structure for the course?

The prescribed fee (2014-15 batch) by the University of Mysore for Karnataka students is Rs. 77,406/- and students from other states is Rs. 89,021/- to be paid at the time of admission. This is subject to revision by CFTRI and UoM.

Frequently asked questions:

What is the duration of exam?

The duration of exam is 2 hours for 100 marks.

Is accommodation available for students coming to write the entrance exam?

No. Mysuru being a tourist center, there are affordable and cost-accommodative hotels, dormitories etc.

What is the scope of M.Sc (FT) post completion?

1. On – campus placement
2. One can take up CSIR-NET/ DBT/ UGC/ ISMR and join elite CSIR for PhD
3. One can pursue higher studies at premier Food Research Institutes of the world

What are the facilities/ amenities for students at the campus?

There is a paid swimming pool, Gymkhana, Indoor badminton court, Basketball, Volleyball, Football and Cricket courts

Frequently asked questions:

What are the amenities provided in the classroom?

Classrooms are enabled with state-of-the-art Smart Boards coupled with a Workstation computer and monitored by CCTV cameras. The attendance system is online.

What are the facilities given to boarders of the hostel?

Each boarder is provided with a single room furnished with window curtains, almirah, study table and chair and seamless Wi-Fi connectivity. The mess is professionally managed by the students where delicious and hygienic food is provided at affordable rates.

Do I need to bring a laptop for the course?

Yes. From this year onwards, Engineering Graphics would be taught using AutoCAD software for which laptop is required. In addition, the laptop would be useful for browsing internet for subject related matters, preparation of dissertation and investigation reports and email connectivity.

Frequently asked questions:

If one plans to leave the course, is a full-fee refund possible?

No. The University of Mysore collects the fee for the full year which is non-refundable. CFTRI collects a small fee, a part of which is refunded.

Is there any age limit for taking up the entrance exam?

The extant rules of University of Mysore shall apply.

What is the syllabus to study for the Entrance Exam?

The question paper will contain short and objective questions on the following topics: Physics, Chemistry, Mathematics, Biology, Microbiology, Biochemistry and Nutrition, Agriculture, Dairy Technology, Horticulture, Food Technology, Home Science and Engineering. There will be balanced distribution of questions from each of the subjects listed above, so that students from various streams shall get equal opportunity to score in the test.

What documents should I bring to the entrance exam?

The admit card signed by the Principal of the college last attended.

Frequently asked questions:

How many seats are reserved for physically handicapped students?

One seat on ALL INDIA MERIT basis according to the University of Mysore rules.

I have written the final exam but the final semester/ year marks card is not issued yet. Can I write the exam?

If student can send the PDC from the college before the due date (30th June 2015) his/ her application will be considered for ranking, otherwise application will be **rejected**. Such students will have to bring the ORIGINAL marks card at the time of admission to the course (if selected).

Can I write the entrance exam in my state?

No. The ONLY exam centre is at CFTRI School, Mysuru. Candidates have to make their own arrangements for writing the entrance exam. No TA/DA would be paid to the candidates for the purpose.

Frequently asked questions:

How many seats are reserved for foreign students?

Extant rules of University of Mysore shall apply

What are the terms & conditions for foreign students?

- Candidate to undertake entrance exam along with other students and should have scored 55% in qualifying exam
- Candidate to submit detailed bio-data along with certified copies of marks sheets of all completed academic programs till date
- Proof of English language capability to undertake the degree programme
- Certified copies of relevant pages of valid Passport
- Certified document from the Sponsoring Authority in respective countries of the student (preferably Government or Semi-Government or Private Organizations) giving an undertaking to meet all the financial requirements as applicable for the duration of the degree program

Frequently asked questions:

Terms and conditions for foreign students, contd….

- Approval of the Government authority of respective countries providing clearance for a minimum period of 2 years specific to MSc (Food Technology) PG Degree Programme at CSIR-CFTRI, Mysuru, India
- Eligibility and admission of the applicant to the MSc (FT) course is subject to meeting the requisite criteria as laid down by CSIR- CFTRI, Mysuru and University of Mysore, Mysuru

How to obtain Visa to write the entrance exam?

- The responsibility to obtain Visa rests with the applicant. CSIR-CFTRI would give an invitation letter, on request, in the name of the candidate to write the entrance exam.
- The above letter is given **ONLY** after receipt of application form (**complete in ALL respects**) for eligible candidates. CSIR-CFTRI and University of Mysore reserves the right to accept or reject applicant without assigning any reason whatsoever.

Frequently asked questions:

What is the fees for foreign students?

- The fees for foreign students was US$4250/- to be paid at the time of admission, which is subject to revision. This includes the University of Mysore fees, CFTRI laboratory fees, hostel fees and Medical insurance

Does the above fee include travel charges?

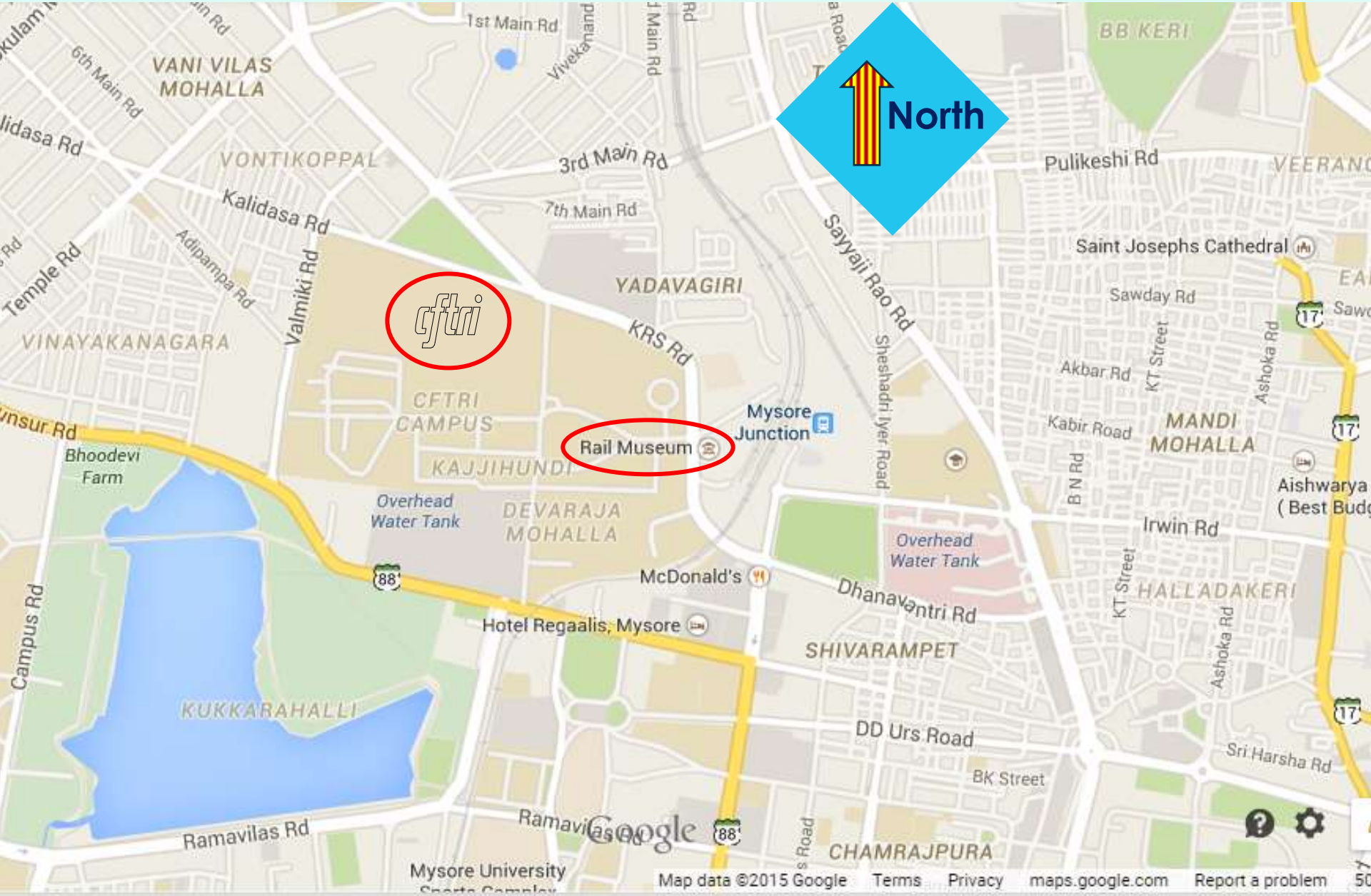
- No. The travel charges to Mysuru and back has to be borne by the candidate.

Frequently asked questions:

How does CFTRI stand out among a galaxy of research institutes in the country?

This Institute is a constituent laboratory of CSIR network, MoS&T, GoI. It is equipped with state-of-the-art library connected with all reputed national and international scientific repositories. It also houses a dedicated Central Instrumentation Facility and Services (CIFS) department where advanced and sophisticated equipment are available. It also has one of the four centers for Food Safety and Analytical Quality Control Laboratory (FSAQCL) which is a referral lab by FSSAI. This Institute is an ISO 9001:2008, 14001:2004 and 17025:2005 (NABL) organization. It is the only premier national laboratory to be working on Food Research. Hence, the course MSc (FT) has a very high reputation in the globe. The atmosphere in the campus is student – friendly, making it the place TO BE.

Location of CFTRI:



Welcome to CSIR – CFTRI family… ….