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**MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES TIRUVALLA
(MACFAST)
Thiruvalla - 689101**

INSTITUTIONAL AND INDUSTRIAL VISIT REPORT



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Institutional or industrial visits are a part of our curriculum, the students had an unforgettable experience by learning different practical lessons, different cultures, etc. All India tour was planned for 13 days and other institutional visits comprised of 3-4 days travelling from MACFAST college accompanied by four to five staffs with them.

From the busy schedule of their life, students had a refreshing time traveling and getting to know different things visually which they have learned. Institutional visits to Forest Research Institute allowed the students to attend the lectures by eminent scientists. The visits to the labs enabled them to visualize various extraction methods, soxhlet apparatus for volatile compound separation, water distillation units, Rotary evaporators, UV spectrophotometer.

Moreover the visit to The Lal Bahadur Shastri National Academy of Administration (LBSNAA) which is a training institute for the candidates who qualify UPSC exams for IAS, etc made the students think more about the importance of competitive exams and their relevance. Our students also got an opportunity to visit Jawaharlal Nehru University (JNU), The National Institute of Plant Genome Research (NIPGR) to learn about 'Mass Spectrometer' and 'Nanodrop' Technology, HPLC, UHPLC, lyophilizers, Ultra-low temperature freezers, fast centrifuge, ultracentrifuge, Fluorescent microscope arrays, STEM, different scanning microscopes and different of types chromatographic techniques.

These visits made our students technically improve their skills and confidence level and made them aware of the latest techniques used in food industry levels from processing to packaging levels. After which they had visits to the Biochemistry division where Scientists taught some Electrophoretic units like SDS-PAGE, IEF, GEL, and the importance of epigenetics in genetics research. Students also received exposure from IGIB research labs on different types of electron microscopes.

In short, our students had sufficient exposure to different industries based on their course study which helps them to know more about the theoretical subjects and the latest technologies used in different fields. This stands as one of the reasons where our students were motivated to do their projects in CSIR-CFTRI, IARI, and other research institutions which helped them to grow in their academic fields.



Details of Institutional and Industrial Visit

| | Institution | Date of visit | Students batch | No of students attended |
|---------|--|------------------------------|---|--------------------------------|
| 2016-18 | AVIN Milk, UPASI, Tea Museum, | 8/8/16- 9/8/16 | Msc. Food Science | 31 |
| | Nestle Nanjangud, Mysore, DFRL | 10/8/16 | | |
| | CFTRI, Mysore, Kingfisher | 11/8/16 | | |
| | ICAR- Central Potato Research Institute & IIAS | 22 nd May 2017 | Food Technology and Quality Assurance (2017-19 batch) | 50 50 |

| | | | | |
|--|---|-------------------------------------|--|----|
| | JNU, NIPGR, IARI | 29 th May 2017 | | |
| | Sree Chitra Thirunal Institute of Medical Sciences and Technology, Trivandrum and IISER Trivandrum | 25th and 26th October 2017 | 2017-19 batch (Biochemistry, Biotechnology, Plant Biotechnology, Phytomedical Science and Technology, Bioinformatics) | 40 |
| | Modern Breads, Milma Kochi and NIFPHAT | 27th November 2017 | Food Technology and Quality Assurance (2017-19 batch) | 28 |
| | IISc, NCBS, C-CAMP, SAMI Labs, Visvesvaraya Industrial and Technological Museum, (VITM), Bangalore, | 4th to 10th June 2018. | 2017-19 batch (Biochemistry, Biotechnology, Plant Biotechnology, Phytomedical Science and Technology, Bioinformatics) | 40 |

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|--|--|--|----|
| CFTRI, DFRL Mysore, MYMUL DAIRY, ICRISAT, NIN Hyderabad, and Pondicherry University | 10th to 19th September 2018. | Food Technology and Quality Assurance (2017-19 batch) | 28 |
| TBGRI Palode and IISER Trivandrum | 3rd and 4th October 2018. | 2018-20 batch (Biochemistry, Biotechnology, Plant Biotechnology, Phytomedical Science and Technology, Bioinformatics) | 39 |
| CFTRI Mysore | 3rd to 5th October 2018 | Food Technology and Quality Assurance (2018-20 batch) | 38 |
| 1. National Agri Biotech Institute Mohali 2. IISER Mohali 3. IARI Regional Station at Katrajn.Kullu 4. ICAR- CPRI, Shimla | 28 th February to 13th March 2020 | 2019-21 batch (Food Technology and quality assurance. Biochemistry, Biotechnology, Plant Biotechnology, Phytomedical Science and Technology, Bioinformatics) | 85 |



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|--|---|--|--|--|
| | 5. Indian Institute of Advanced Studies, Shimla | | | |
| | 6. NIPGR, New Delhi | | | |

Pictures of institutional visits





Central Potato Research Institute, Shimla



Indian Agricultural Research Institute Regional Station, Himachal Pradesh



**Nucleus seed multiplication unit, Indian Agricultural Research Institute Regional Station,
Himachal Pradesh**



Indian Institute of Advanced Studies, Shimla



NABI Mohali, Punjab



at IISc Bengaluru



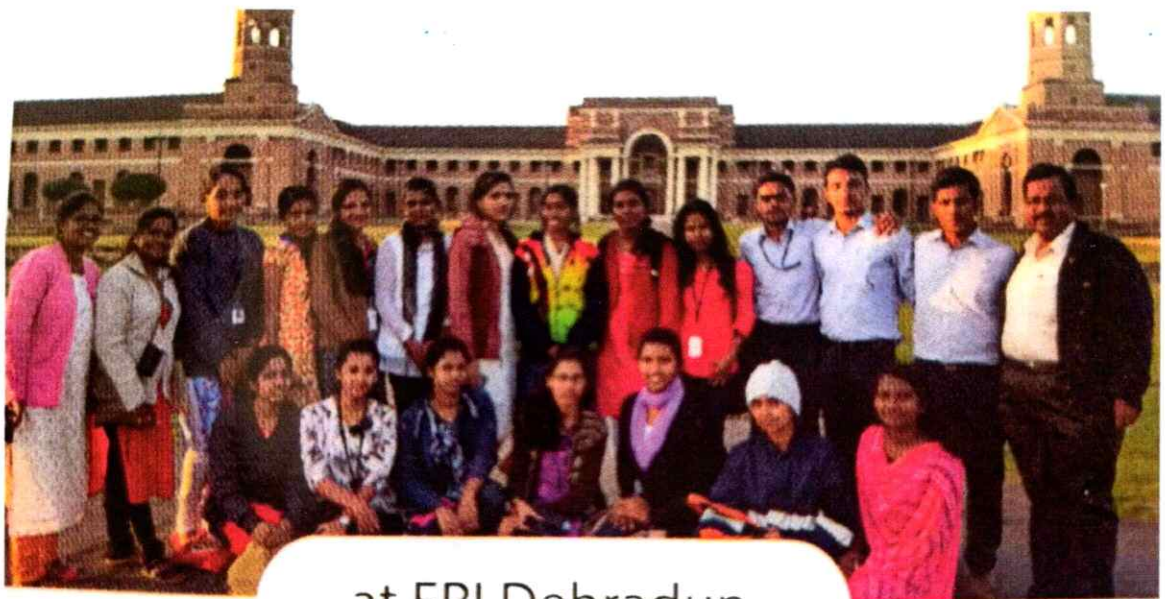
at Lal Bahadur Sastri National Academy
of Administration, Mussorie



at IISER Trivandrum



at SAMI Labs bangalore



at FRI Dehradun



at CPRI Shimla



at CFTRI Mysuru