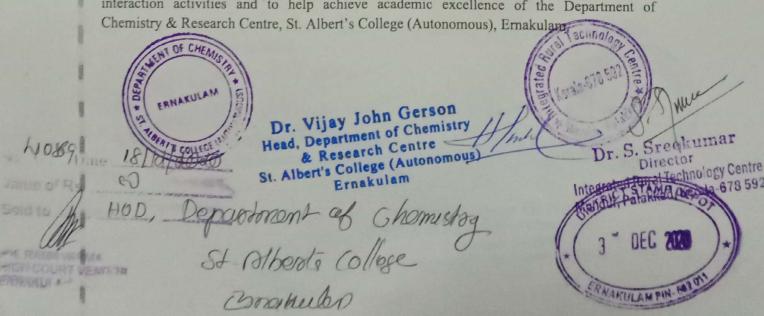


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Memorandum of Understanding Between Integrated Rural Technology Centre (IRTC), Mundur, Palakkad and Department of Chemistry & Research Centre, St. Albert's College (Autonomous), Ernakulam

This Memorandum of Understanding (here in after referred to as (MoU) is made on 21st day of December 2020 between the Director, Integrated Rural Technology Centre (here in after referred to as "IRTC") which is a Grant in aid institution of Kerala State Council for Science, Technology and Environment (KSCSTE) govt. of Kerala with Registered and Corporate office at Mundur, Palakkad Kerala on one part and Department of Chemistry & Research Centre, St. Albert's College (Autonomous), Ernakulam mentioned here after as (Department) on the other part as partners for promoting the industry - academic interaction activities and to help achieve academic excellence of the Department of Chemistry & Research Centre, St. Albert's College (Autonomous), Ernakulam





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WHERE AS both IRTC and the Department (here in after called 'Parties') desires to carry out programs for promoting industry-academic interaction, here in referred to as "Program", jointly with the diligence and efficiency as desired within this MoU in conformity with appropriate administrative, financial and educational practices and implement all such plans and activities and reforms as required for the Program.

WHERE AS the IRTC and the Department agree to enter into industry-academic interaction programs, and both the parties agree to enter into an MoU with the terms as follows.

OBJECTIVES OF INDUSTRY - ACADEMIC INTERACTION PROGRAMME

The major objectives for which the parties associate with each other are:

- To effectively share the facilities and expertise for improving the capabilities for advanced education and research.
- To facilitate academic and research interactions among employees of both Institutes.

Increase the relevance of the academic research and consultancy in the research and product development initiatives at IRTC

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- d. Collaborate to share and exchange information between both parties for mutual benefit and knowledge enhancement
- e. To enable the use of laboratories and test facilities in the Department on a preferential basis and concessional rate by IRTC and vice versa.
- f. To provide opportunity for students from undergraduate, graduate, and research scholars of the Department to undertake industrial training and projects in IRTC for mutual benefit.
- g. To encourage the training of employees of IRTC in Continuing Education activities, Skill development activities and Subject up gradation workshops using the facilities of the Department
- h. To provide expert faculty from IRTC for academic and training programs of the Department
- i. To provide advice in formulating curriculum and syllabus of courses of the Department by the experts from IRTC.
 - j. To conduct joint/collaborate research and consultancy.

THE PROGRAMME

This MOU is to formalize joint program activities that will help the Department to enhance its research and educational capabilities, and IRTC in achieving its Technology dissemination objectives.

The following activities are indicative of the types contemplated through this joint program:

JOINT PROJECTS

Faculty and Students from the Department will participate in product development activities through projects sponsored by IRTC or through joint collaboration with IRTC and the Department

RESEARCH PARTICIPATION AND COLLABORATION

Visits of faculty, staff and students of the Department to IRTC, facilities for consultations, meetings, workshops, short courses, and research participation will be encouraged and facilitated. In addition, consultancy tenures for summer or sabbatical periods may be sponsored when appropriate for longer-term collaboration.

STUDENT INTERNSHIPS AND EMPLOYMENT

Students will be encouraged to take advantage of the opportunities that exist at IRTC Facilities to understand high technology research, development, manufacturing and marketing. Participation in programs that allow students to gain valuable experience & training as interns will be encouraged. However IRTC will have no obligation to hire the student in terns from the Department.

IRTC will also provide mentoring to students chosen in consultation with the Department these students will be mentored by experienced engineers and scientists from Taxo may also act as their project guides and advisors.

Dr. 5. Sreekumar

Director
Integrated Rural Technology Centre

Mundur, Palakkad, Kerala-678 592

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Wead Department of Chemistry
Research Centre
St. Albert's College (Autonomous)
Ernakulam

COURSES, SEMINARS AND WORKSHOPS

IRTC and the Department will each other inform, and make available, on an "as - available" basis, slots to personnel in short courses, lectures, workshops and seminars conducted by them covering various areas of common interest. The Department may also develop programs and conduct courses for IRTC personnel. IRTC will also support the Department in the development and coordination of conferences and workshops in areas of mutual need and concern.

IMPLEMENTATION AND MONITORING

For implementing and monitoring of the program, IRTC and the Department also agree that:

- a. The interaction between IRTC and the Department will be implemented by creating a Coordination Cell both at IRTC and the Department
- b. Each such cell will be headed by an employee nominated by the respective Heads of both the Parties who shall be designated as Network Coordinator and whose main responsibility will be to execute and coordinate all activities envisaged under this MoU.
- c. IRTC and the Department will constitute a Network Coordination Committee (NCC) for regular monitoring of the activities and achieving the set targets. The Committee will meet at least once in six months and review the progress.
- d. If the activities could result in the form of publication/patent then the IPR will be with both the Parties with due percentage share agreed upon.
- e. Not with standing this MoU, IRTC and the Department will sign separate agreement for specific projects

NON-DISCLOSURE OF CONFIDENTIAL INFORMATION

IRTC and the Department also agree that they will abide by the non-disclosure of any confidential information exchanged during the Program.

FINANCE

Regarding the financial arrangements during the Project implementation, IRTC and the Department further agree to:

- a. Both the institutions will engage services of the existing employees for the Program and no additional staff will be provided.
- b. Both the Parties will utilize existing infrastructure for industry-academic interaction arrangement.
- c. All expenses in connection with implementation and monitoring such as TA/DA, boarding/lodging and conveyance of members will be borne by the respective Parties.

INDEMNITY

Both parties here by indemnify and shall keep indemnified and protected the other party and the irrespective officers and employees from and against any claims oractions arising out of or in any way relating to the provision and implementation of the Program as per this MoU.

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COLLEGE

Dr. S. Speekumar Director Integrated Rural Technology Centre Mundur, Palakkad, Kerala-678 552 Dr. Vijay John Gerson
Head, Department of Chemistry
& Research Centre

St. Albert's College (Autonomous)

Ernakulam

DURATION

This MoU will be active for a period of five years from the date of this MoU. It will be extended for further period by mutual consent.

TERMINATION

Either party has the right to terminate this MoU by giving ninety days written notice to the other party.

JURISDICTION

In the event of any dispute arising out of this MoU, the parties agree that the courts of Ottapalam, Kerala alone will have jurisdiction.

The two parties of this MoU agree to act in good faith and in a spirit of mutual understanding and accommodation to facilitate the achievement of goals set under the Program.

IN WITNESS WHEREOF the parties here to have caused this MoU to be signed in their respective names as of the day and year.

> Dr. Vijay John Gerson Head, Department of Chemistry & Research Centre St. Albert's College (Autonomous) Ernakulam

Dr. Vijay John Gerson, HoD

FOR AND ON BEHALF OF Department of Chemistry & Research Centre

Director, IRTC

FOR AND ON BEHALF OF IRTC, Palakkan

Dr. S. Sreekumar Director

Integrated Rural Technology Centre Mundur, Palakkad, Kerala-678 592

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