MAR IVANIOS COLLEGE (AUTONOMOUS)

Institutional Best Practice of the year 2021 - 2022

Introduction of Job-oriented Add-on/Certificate Courses to enrich the curriculum

Objectives of the Practice
- The students get an opportunity to pursue an add-on course along with their 3-year degree programme or 2-year PG programme. At the end of the course the students will be obtaining a Certificate or a Diploma.
- The add-on courses are offered to enrich the soft skills of the students. The students can opt one among the thirty one Certificate/Diploma courses offered by the College.
- Requisite skill acquisition can be obtained by pursuing the add-on course as to get an industry-based job.

The Context

The College obtained the Autonomous status in 2014 and has been designing its own curriculum for the UG and PG programmes. However, a necessity of improving the soft skills, language speaking and writing skills, requisite skill acquisition to get an industry-based job were found to be important. Mar Ivanios Centre for Professional Studies and Industrial Linkage aims to provide the relevant support to students in getting additional certificates in various fields.

Almost all the Departments in the College initiated either a Diploma or Certificate Course which are listed below:

1) Diploma in Pharmaceutical Chemistry
2) Diploma in Computer Application (in association with IHRD)
3) Certificate Course in Quantitative Techniques.
4) Certificate Course in Statistical Methods.
5) Certificate Course in LaTeX and SageMath.
6) Certificate Course in Astronomy & Astrophysics.
7) Certificate Course in Effective Communication in English.
8) Certificate Course in Tamil Language and Literature.
9) Certificate Course in Basic French Skills.
10) Certificate Course in Principles of Phytochemistry.
11) Certificate Course in MS Office and Photoshop.
12) Certificate Course in Spoken Hindi.
13) Certificate Course in Personality Development and Soft skill Training.
14) Certificate Course in Translation and Typesetting in Malayalam.
15) Certificate Course in Financial Accounting.
16) Certificate Course in Journalism.
17) Certificate Course in Spawn Production, Mushroom Cultivation and Marketing.
18) Certificate Course in Vermicomposting.
19) Certificate Course in World Travel Geography.
20) Certificate Course in Descriptive Statistics with R Programming.
21) Certificate Course in Programming in Python.
22) Certificate Course in Micro Propagation.

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23) Tally ACE Certificate Programme.
24) Certificate Course in E-Resources, Reference Management Tools & Techniques for Academic Writing.
25) Certificate Course in Good laboratory practices and Quality Management
26) Certificate Course in GST Practice
27) Certificate Course in Capital Market: Investment and Techniques

The students get an opportunity to pursue an add-on course along with their 3-year degree programme or 2-year PG programme. They would be asked to opt one among the add-on courses during the time of their UG or PG admission. There is a coordinator assigned for each of these courses. Certificate/Diploma will be awarded after the student passes the examination conducted at the end of the course. The student can purse only one add-on course in a year. Generally, the Certificate Course is of 30 hours duration and Diploma is of 50 hours duration. The student in take for each of the course is 40 to 50.

Evidence of Success
The evidence of success is students acquired better soft skills and improved their language writing & reading skills.   This enabled many students to get placement in banks, IT companies etc. The industry-based add-on courses helped the students to get placement in industries as well. The other indicators of success for the best practices mentioned above are – many students are pursuing research in reputed institutes in India and abroad, working as scientists, business executives and research officers in MNC's.   There is substantial improvement in student's performance after the implementation of these add-on courses. The effort of Teachers as coordinators in guiding and showing right path is laudable.

 Problems Encountered and Resources Required Problems:
 Implementation of add-on courses was done successfully except for logistics and time. Time is sometimes a constraint as the prescribed curriculum of the regular UG/PG course had to be simultaneously completed. At times, the students do not understand the significance of the add-on course at the beginning. To meet the expenses, students were charged a very nominal fee. During the COVID pandemic, many of the companies/industries were not willing to collaborate with the course.