

“APPLIED BUSINESS ACCOUNTING”

POST GRADUATE AND RESEARCH DEPARTMENT
OF COMMERCE

The add on programme runs through six semesters of the undergraduate programme, one paper in each year covering two semesters (S1&S2, S3&S4 and S5&S6). The following are the papers to be covered each year.

1. Essentials of Applied Book-keeping.
2. Basic Accounting Applications
3. IT Based Applied Accounting.

After having been successfully completed the paper ‘Essentials of Applied Book-keeping’ during the first year of the U G programme the candidate is considered to have completed certificate programme. On successful completion of the paper, ‘Basic Accounting Applications’, the candidate will be awarded a diploma. Similarly, on completion of all the three papers during the third year, the candidate will be awarded advanced diploma

“MALAYALA PATHRAPRAVARTHANAM”

POST GRADUATE DEPARTMENT OF MALAYALAM

The add on course on Malayala Pathra Pravarthanam ensures the media awareness among students. The following topics are included in the syllabus.

- 1) Current relevance of media studies, its growth and different phases.
- 2) Print media definition and a brief historical description.
- 3) News, news agencies, reporting, news making.
- 4) Editing, layout, different headings.
- 5) Setting of front pages and inner pages.
- 6) Television journalism.

“PROFICIENCY IN ENGLISH & SOFT SKILLS”

POST GRADUATE AND RESEARCH DEPARTMENT
OF ENGLISH

The objective of this course is to enable the students to acquire proficiency, both in spoken and written language. The course contains 4 modules. Module 1: Grammar and vocabulary – helps students to use correct grammar and proper pronunciation. Module 2: Principles of Communication – focuses on the four skills- listening, speaking, reading and writing. Module 3: Soft Skills – teaches how a student can cultivate soft skills and Module 4: Practical Session – encourages a student to participate in group discussions interviews and debates.

At the end of the course, the students will be able to develop comprehension and grammatical skills, improve vocabulary and acquire proficiency in written and spoken English. In addition, the student can cultivate basic interpersonal communicative skills and soft skills. Eventually, the student can achieve excellence in both personal and professional life.

“COMMUNICATIVE HINDI”

DEPARTMENT OF HINDI

The course enables the students to improve the ability to communicate and gain linguistic competence in Hindi. The receptive (reading and listening) and productive (speaking and writing) skills are developed through communicative classes. The course will give an insight into the country’s culture and society in an Indian context. The course for non-Hindi speaking students aims to develop awareness and use of the conventions of communicative Hindi. Moreover, it will enhance the job opportunities of students in Hindi speaking areas, communication sectors etc.



INTERNAL QUALITY ASSURANCE CELL (IQAC)

Fatima Mata National College (Autonomous)

Kollam, Kerala.

www.iqac.fmnc.ac.in

Fatima Add-on Courses

ABOUT THE COURSES...

FATIMA offers add-on courses, along with the undergraduate courses. These courses are so designed to help our students meet the emerging challenges in the skill oriented market.

Title of the Course	Offering Department	Fee Proposed
Mushroom Cultivation	Botany	500.00
Aquarium Construction & Maintenance	Zoology	500.00
Certificate Course in Counselling	Psychology	500.00
Radiation Physics	Physics	500.00
Drinking Water Quality Analysis	Chemistry	500.00
Mathematics Software LATEX	Mathematics	500.00
Data Analysis	Economics	500.00
Applied Business Accounting	Commerce	500.00
'Pathrapravarthanam: Padanavum Prayogavum	Malayalam	500.00
Communicative Hindi	Hindi	500.00
Proficiency in English & Soft Skills	English	1000.00

“MUSHROOM CULTIVATION”

POST GRADUATE & RESEARCH DEPARTMENT OF BOTANY

With the motto of ‘Earn while Learn’, Post Graduate and Research Department of Botany, Fatima Mata National College, Kollam, is offering an add-on course on ‘Mushroom Cultivation’. The course describes the basic concepts of mushroom growth, along with the hands on experience in cultivation of selected edible mushrooms.

“CERTIFICATE COURSE IN AQUARIUM CONSTRUCTION & MAINTENANCE”

POST GRADUATE & RESEARCH DEPARTMENT OF ZOOLOGY

This course aims to equip the beneficiaries to construct an aquarium and also to master the technique of maintenance so as to enhance the chances of self-employability in the field of ornamental fish farming and trading. The course enables the students to learn the scientific method of setting up an aquarium, the method of preparation of culture of live feed and formulated feed of fish, identify the common diseases of ornamental aquarium fishes and their effective treatment, etc.

“DATA ANALYSIS”

POST GRADUATE AND RESEARCH DEPARTMENT OF ECONOMICS

This course introduces the student in collection and presentation of data. It also discusses how data can be summarized and analyzed for drawing statistical inferences. The students will be introduced to important data sources that are available and will also be trained in Excel Software to Analyse data.

“CERTIFICATE COURSE IN COUNSELLING”

POST GRADUATE DEPARTMENT OF PSYCHOLOGY

This certificate course helps the participants to gain firsthand knowledge about the basic psychological counselling skills and techniques, and also empower them with holistic aspects of counselling. The students will be able to fine tune their skills with the practicum sessions and through the mandatory clinical hours required. The case reporting will also add to the experiential element. The focus and attention to the practicum sessions as well as the report submission requirements will increase the employability of the students of this course, and also provide them with a greater advantage over their contemporaries.

“MATHEMATICS SOFTWARE--LATEX”

POST GRADUATE DEPARTMENT OF MATHEMATICS

This is a science typesetting software commonly used for preparing projects and theses. The main topics to be discussed are the basics of LATEX—simple typesetting, fonts, type size etc. Document class, page style, page numbering, formatting lengths, parts of document and dividing document are also introduced.

It also provides the students insight into the table of contents, index, glossary, displayed text, borrowed words, poetry in typesetting, making lists, keeping tabs and tables. Custom commands, new operators, the different faces of Mathematics, symbols, are also highlighted. Different theorems such as designer theorems, housekeeping, are interpreted. The significance of cross reference, pointing to and outside the package is also mentioned. At the end of the course, a lab exam of two hours duration will be conducted. Graphical User Interface Editor like Kile or TeXstudio is used for providing training to the students. This course has high scope for employability and will be a good source of financial income, considering the importance of dissertations and projects for award of degrees.

“PROFICIENCY IN RADIATION PHYSICS”

POST GRADUATE AND RESEARCH DEPARTMENT OF PHYSICS

The add on course on Radiation Physics deals with the applications, techniques and dosimetry of radiation in medical field and in daily life. It introduces the fundamental physics behind the interaction of electromagnetic radiation with matter including the human cells. The dosimetric methods adopted to estimate the radiation dose of ionizing and non-ionizing radiations including mobile phone radiation. The course provides awareness about the biological impact of radiations from different sources, and the radiation hazards from different sources such as Wi-Fi, mobile router etc. Most significant part of this course is the introduction of medical techniques adopted for diagnosis and treatment, such as single photon emission computed tomography (SPECT), positron emission tomography (PET) and magnetic resonance imaging (MRI). A brief outline of nuclear medicine for treatment and diagnosis are also included. As part of this course there is internship for selected students in medical institutions and field visits to hospitals in order to enhance the skills and awareness.

“DRINKING WATER QUALITY ANALYSIS”

POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY

It has been formulated as a certificate programme, which is aimed at the first degree UG students of the institution. The programme aims to provide a training to the students on the various water quality parameters such as pH, BOD, COD, DO, heavy metal ion and organic concentrations in drinking water.