

# **ECC – INSTITUTE FOR SKILL DEVELOPMENT**

**PROSPECTUS 2016-2017**

## **FOREWORD**

One of the biggest asset of our country is its youth that constitutes about 70% of the population. These young men and women are under 35 years of age and this makes our country a youthful country as compared to many countries including the advanced countries. This is known as a very favourable “Demographic Dividend”. To convert the youth into skilled workforce is one of the biggest challenges that has to be addressed urgently and with this view our Government has created, for the first time, the Ministry of Skill Development. This ministry is organising programmes for skill development at various levels. It has established National Skill Development Corporation (NSDC) which has formed 32 Sector Skill Councils in collaboration with industry. These Sector Skill Councils prepare job profiles and course contents for such job profiles, which are designed as per the need of the industry. As compared to pass-outs of general education like B.A. and B.Sc., the students who pass out with the skill sets identified by Sector Skill Councils, will be easily absorbed by the industry, as those students will be fully trained to take up jobs in various sectors.

The responsibility of providing skill based education and training is given to institutes of higher education by the University Grants Commission and Ewing Christian College is fortunate to be selected both as a Community College and as College for the launch of B. Voc. Degree programmes. To realise the vision of the government and the University Grants Commission, Ewing Christian College has braced itself up to function as “Community College” which will engage in imparting skill based courses in the format of Certificate, Diploma, Advanced Diploma and Degree programmes. To organise the functioning of the Community College effectively, the college has established “Institute of Skill Development” as the nodal body for coordinating interaction between various college departments and centres within the college and with the industry partners outside the college. In this way, Ewing Christian College is committing itself to realise the vision of “Skill India” being so enthusiastically pushed by our government.

**DR. M. MASSEY**  
**PRINCIPAL**

## COLLEGE PROFILE

Ewing Christian College was founded in the year 1902 by Dr. Arthur H. Ewing, a missionary who was its first Principal. The College Campus is located on the Northern Bank of Yamuna River about 3 Kms away from the Sangam and about 4 Kms from the Railway Station. The College is a Christian Minority Educational Institution and controlled by the Ewing Christian College Society, consisting of the Bishop of Lucknow Diocese of the Church of North India and other Indian Christian representatives.

Ewing Christian College is an Autonomous Constituent College since 1994, associated with the University of Allahabad. The University Grants Commission (UGC) and the University of Allahabad, under the UGC Scheme of Autonomous Colleges have allowed the College to formulate its own courses of studies and evaluate its own students separately. The Bachelor's Degree is awarded by the University of Allahabad. The College faculty, therefore, after great deliberations and careful planning has developed courses of studies most appropriate under the prevailing circumstances.

Several self-financed vocational courses namely – Computer Application, Biological Techniques and Specimen Preparation (BTSP) have been introduced as degree subjects. Several Diploma programs (Computer Programming and Software Applications, Laboratory Technology, Business Management and Administration, Leadership Development and Secretarial Practices) and some other compulsory Certificate Programs have been started to impart technical skills to students to procure middle-level jobs or to start their own business after first degree. The timings of these programs are such as to enable students of the College to enroll themselves without missing their classes.

Regular attendance in the class room has been made compulsory and Semester System of teaching and evaluation has been introduced in the College since the academic session 2014-15. Entire College programs, thus, have been oriented towards maintaining high academic standards, acquisition of knowledge, skills and scientific temper rather than merely passing the examinations for a degree. The medium of instruction is mostly English in Science. Teaching in Arts Faculty is done both in English and Hindi.

The large eco-friendly Wi-Fi campus, well-equipped laboratories, libraries, healthcare centre, prolific gardens, daily Chapel services, games and sports and a host of other extra-curricular activities encourage students to develop a spirit of enquiry and enrich their lives meaningfully. A modern Gymnasium, Women Cell with counseling as one of its activities, Minority Coaching Centre with its Career Information Services, Student Union and Cafeteria etc. provide excellent Student Support Services.

It is expected that students, seeking admission in this College will take admission, if selected, fully aware of its Minority and Autonomous Status, and will be more interested in acquiring knowledge and skills by regularly attending classes rather than merely for the purpose of passing the examinations for a Bachelor's Degree.

## ECC- INSTITUTE FOR SKILL DEVELOPMENT PROFILE

Ewing Christian College has been running various career oriented courses with the assistance of its various departments. Also in 2014, UGC authorized the college to initiate the scheme of Community College. Thus taking a big step forward Ewing Christian College, decided to assemble the entire career oriented courses & Community College courses under one roof, which marked the beginning of ECC Institute for Skill Development (ECC-ISD).

**Vision** of ECC- ISD is to impart skill development courses at subsidized rate to the illiterate / literate workforce in India in-order to fill in the "Skill-gap" (relevant skill deficiency in the current work force), faced by the Industry, in general.

**Mission** of ECC-ISD is to provide

- Quality learning to the illiterate / literate workforce
- Industry relevant skill need based courses
- Learning at nominal cost
- Assistance for jobs
- Encourage Entrepreneurship

## **Bachelor of Vocation (B.Voc.):**

### **Origin:**

It has been a long felt necessity to align higher education with the emerging needs of the economy so as to ensure that the graduates of higher education system have adequate knowledge and skills for employment and entrepreneurship. The higher education system has to incorporate the requirements of various industries in its curriculum, in an innovative and flexible manner while developing a holistic and well groomed graduate. Ministry of HRD, Government of India had issued an Executive Order in September 2011 for National Vocational Education Qualification Framework (NVEQF). Subsequently, Ministry of Finance, in pursuance of the decision of Cabinet Committee on Skill Development in its meeting held on 19th December, 2013, has issued a notification for National Skills Qualifications Framework (NSQF) which supersedes NVEQ. Under the National Skills Development Corporation, many Sector Skill Councils representing respective industries have/are being established. One of the mandates of Sector Skill Councils is to develop National Occupational Standards (NOSs) for various job roles in their respective industries. It is important to embed the competencies required for specific job roles in the higher education system for creating employable graduates. The University Grants Commission (UGC) has launched a scheme on skills development based higher education as part of college/university education, leading to Bachelor of Vocation (B.Voc.) degree with multiple exits such as Diploma/Advanced Diploma under the NSQF. The B.Voc programme is focused on universities and colleges providing undergraduate studies which would also incorporate specific job roles and their NOSs along with broad based general education. This would enable the graduates completing B.Voc to make a meaningful participation in accelerating India's economy by gaining appropriate employment, becoming entrepreneurs and creating appropriate knowledge.

In this connection Ewing Christian College was also awarded two courses viz. Food Processing and IT & ITES under B. Voc. Scheme of UGC on 31 July 2015. The college is opening admissions for the above said programmes in this session and the details of the programmes are as follows:

### **Objectives:**

1. To provide judicious mix of skills relating to a profession and appropriate content of General Education.
2. To ensure that the students have adequate knowledge and skills, so that they are work ready at each exit point of the programme.
3. To provide flexibility to the students by means of pre-defined entry and multiple exit points.
4. To integrate NSQF within the undergraduate level of higher education in order to enhance employability of the graduates and meet industry requirements. Such graduates apart from meeting the needs of local and national industry are also expected to be equipped to become part of the global workforce.
5. To provide vertical mobility to students coming out of 10+2 with vocational subjects.

## **Community College**

### **Why do we need Community College?**

- India, at present, is recognized as one of the youngest nations in the world with over 50% of the population under the age of 30 years. It is estimated that by about 2025, India will have 25% of the world's total workforce. In order to harness the full demographic dividend, India needs an educational system which is of high quality, affordable, flexible and relevant to the individuals, economy and to the society as a whole. Presently, the country faces a demand – supply mismatch, as the economy needs more 'skilled' workforce and also managers and entrepreneurs than created annually. In fact, majority of the contemporary institutions of higher learning remain almost disconnected with the requirements of the workplace. The skill oriented courses available in the market have low credibility and acceptability with the employers. The traditional higher education system in the country is also rigid in terms of duration of courses, timings for teaching-learning, place of study and choice of subjects. There is a worldwide shift from conventional educational system to competence based qualification system. With a view to make the skills acquired by the learners acceptable nationally, the curricula and system of certification should align with the National Occupational Standards. In order to facilitate offering of nationally standardized skill related programmes, the Government of India along with MHRD and UGC, have given shape to the concept of "Community College" in India.

- India is a vast country with a population of more than 1.2 billion. 75% of India's population lives in about six lac villages. There is a visible difference in rural and urban, rich and poor, highly educated and lesser educated, forward and backward areas. While resourceful people, particularly those living in urban areas, have had access to better education and professional training, vast majority of those who live in rural areas and slums are lesser educated and hardly undergo any technical, professional and vocational training. In fact, for most of such people, quality education and higher technical and professional education is unaffordable. In terms of career options, such lesser educated and not so fortunate people tend to work in low paid unorganized sector. Per person productivity of such persons works out to be a small fraction of productivity of those who work in organized sector of Indian economy. In an increasingly competitive economic environment of our country, the unorganized sector, which is so important for the country, needs to increase the productivity of its manpower for its survival and growth. Yet another paradox before the Indian informal sector is that it cannot afford employing highly educated and professionally trained manpower which usually aspires for highly challenging, rewarding and satisfying career. The only option available before the Indian informal sector is to depend upon relatively low paid manpower trained through non-formal system of skill development. There is, therefore, an urgent need to train millions of persons every year through a countrywide network of non-formal skill development. Such non-formal skill training should attract beneficiaries from all cross-sections of Indian society.

### **Benefits of taking Admission in Community College:**

Community colleges offer students the opportunity

- To save money
- Get ready for a career
- Try out college and take advantage of a flexible schedule.
- It permits individuals to accumulate their knowledge and skills and convert them, through testing and certification by the competent authorities, into higher level of certification which could be a certificate, diploma, advanced diploma, a degree or a PG diploma in common parlance.
- Provide employable and certifiable skills based on National Occupational Standards (NOSs) with necessary general education to Senior Secondary School pass-outs, with general education and /or vocational education background.
- To provide for up-gradation and certification of traditional / acquired skills of the learners irrespective of their age
- To provide opportunities for community-based life-long learning by offering courses of general interest to the community for personal development and interest
- To provide opportunity for vertical mobility to move to higher education in future
- To offer bridge courses to certificate holders of general / vocational education, so as to bring them at par with appropriate NSQF level.
- To provide entrepreneurial orientation along with required skill training for self-employment and entrepreneurship development.

### **UGC Approved Programmes of Community College:**

- Diploma in Hotel Management**
- Advanced Certificate in Food Technology**

## Academic Programmes

Institute for Skill Development organizes various skill development programmes through the following Centres and Departments –

### **Centre-wise offered courses:**

1. Centre for Computer Sciences
  - a. Course on Computer Concept
  - b. PG Diploma in Computer Application
  - c. B.Voc in IT&ITeS
  - d. BCA
2. Centre for Management
  - a. Diploma in Hotel Management
  - b. PG Diploma in Management
3. Centre for Food Processing
  - a. Advance Certificate in Food Processing
  - b. B.Voc in Food Processing
4. Centre for Secretarial Services
  - a. Certificate in Secretarial Practices & Presentation Skills
  - b. Certificate Programme in Project Writing and Presentation Skills
  - c. Certificate in Short Hand and Typewriting
  - d. Diploma in Office Management & Secretarial Practices
5. Centre for Media Studies and Performing Arts
  - a. Certificate course in Radio Jockey
  - b. Certificate in Film Making
  - c. Certificate in Graphic Designing
  - d. Certificate Course in Photo Journalism
  - e. Certificate in Cinematography
  - f. Certificate Course in Guitar
  - g. Certificate Course in Acting
  - h. Diploma in Mass Communication
  - i. Diploma in Animation & Special Effect
  - j. Diploma in Journalism And Video Production
  - k. Advance Diploma in Animation & Visual Effects
  - l. PG Diploma in Journalism & Mass Communication
6. Centre For Languages
  - a. Certificate Course in Spoken English

### **Department-wise offered Courses:**

1. Department of Electronics
  - a. Certificate in Video Technology
2. Department of Psychology
  - a. PG Diploma in Mental Health Management
3. Department of Chemistry
  - a. Certificate in Analytical Techniques in Chemical Analysis
  - b. Certificate in Chemistry of Cosmetics
  - c. Certificate in Mathematics for Chemists
4. Department of Zoology
  - a. Diploma in Laboratory Techniques
5. Department of Geography
  - a. Certificate in Culture & Tourism

## 1. Centre for Computer Science

As India opened up its market in the early 90's and globalization became the new mantra for growth of various sectors, it became almost necessary for them to adopt Computer Science and Information Technology (IT) to meet the ever increasing production demand in the global market. Thus, the IT sector saw a tremendous boom and the demand for skilled & knowledgeable people, is ever increasing in it.

Understanding the above need, ECC has introduced the below mentioned courses which are designed based on the guidelines of NASSCOM & IT-ITeS (Sector Skill Council) and in consultation with various relevant industry partners.

### a. **Course on Computer Concepts (CCC)**

This course is designed to aim at imparting a basic level IT Literacy programme for the common man. This programme has essentially been conceived with an idea of giving an opportunity to attain computer literacy thereby contributing to increased and speedy PC penetration in different walks of life. After completing the course the incumbent should be able to use the computer for basic purpose of preparing his personal/business letters, viewing information on internet ( the web), receiving and sending mails, preparing his business presentations, preparing small database etc. to maintain their small accounts using the computers and enjoy in the world of Information Technology. This course is, therefore, designed to be more practical oriented.

The course duration is for 80 hrs which is divided in

- (i) Theory 25 hours
- (ii) Tutorials 5 hours
- (iii) Practical 50 hours

Candidates selecting this course will be conferred with Dual certification by

- Ewing Christian College, Allahabad(Certificate in Computer Awareness / PC software)
- National Institute of Electronics and Information Technology (NIELIT), New Delhi (Formerly DOEACC Society)

<b>Duration</b>	:	<b>3 months i.e. 80 hrs</b>
<b>Eligibility</b>	:	<b>10<sup>th</sup> Pass</b>
<b>Admission Procedure</b>	:	<b>First come first serve basis</b>
<b>Intake</b>	:	<b>30 Students</b>
<b>Course Fees</b>	:	<b>Rs. 2500/-</b>
<b>Industries Hiring</b>	:	<b>All sectors</b>

### b. **Post Graduate Diploma in Computer Application (PGDCA)**

Computer automation has taken over the world many years ago and the scope of it has no limitations & it is ever growing. Those with a degree in Computer Application can seek employment in specialized role in software development. The salary is very lucrative in this sector.

#### **Computing Facilities**

The Centre has 150 computers managed by separate Pentium based HCL Server with Windows 2000 Server with dual booting clients. All the PCs are connected using Local Area Network [LAN]. This is supported by other peripherals such as DM Printers, Laser jets, Scanners etc. The latest and legal software such as Windows 2000 Server/Workstation, Windows XP, Red Hat Linux 8.0, Oracle 9i, Multimedia Toolkit, Borland C & C++ Compilers are used to run the various level software courses.

The Centre is equipped with Internet Broadband Connectivity [BSNL-2 Mbps]. All PCs are given Internet connectivity by a separate Pentium based Internet Server.

The affective delivery of lectures is an important aspect of learning. The latest tools such as Multi-Media Projector, Over-Head Projector and Computer Based Tutorials [CBTs] are used for delivering the course contents to the students.

<b>Duration</b>	:	<b>12 months</b>
<b>Eligibility</b>	:	<b>Bachelor Degree in any discipline</b>
<b>Admission Procedure:</b>		<b>First Come First Serve</b>
<b>Intake</b>	:	<b>100 Students</b>
<b>Course Fees</b>	:	<b>Rs. 23,000 /-</b>
<b>Industries Hiring</b>	:	<b>IT sector</b>

**c. B.Voc. (Bachelor of Vocation) in IT and ITeS(B. Voc. – Hardware Maintenance, Networking and Security)**

The Bachelor in "HMNS" (for "Hardware Maintenance, Networking and Security") is an undergraduate academic degree awarded for three-year studies. The course has multiple entry and exit points which increases the flexibility of the course.

The functions linked to hardware maintenance, network administration and IT Security have been diversified: if the risk management for IT systems is still reserved to highly qualified engineers [Information system security officers (ISSO)], there are more and more tasks involved by security program management to supervise and administer protecting tools is not necessarily the responsibility of an engineer, even though these tasks are vital for the security. The graduates will be trained for such duties. On successful completion of this programme the candidate will be able to maintain computer hardware, administer and secure the networks and vital IT information. Moreover, they will know how to deploy appropriate practices and tools for assisting the design, implementation and evaluation of a secure IT environment.

<b>Duration</b>	:	<b>3 Years, of total Six Semesters, wherein 1 Semester is of 6 months</b>
<b>Eligibility</b>	:	<b>A candidate must have passed 10+2 science examination with PCM having scored not less than 50% marks (45% for SC &amp; ST candidates) in aggregate</b>
<b>Admission Procedure</b>	:	<b>Entrance Test</b>
<b>Intake</b>	:	<b>50 Students</b>
<b>Course Fees</b>	:	<b>Rs. 30,000.00 (per semester)</b>
<b>Industries Hiring</b>	:	<b>In IT sector</b>

The candidate can pay the Admission Fee by choosing one of the options.

1. By Syndicate Bank Challan.
2. By Using Online Payment Gateway (by credit/ debit card, net banking through NEFT or mobile banking).

Following a successful payment, the candidate can download his/ her Fee receipt from the website

**Forms Available from Institute of Skill Development, ECC, Allahabad**

**d. Bachelors in Computer Application (BCA)**

This course is of three years / six semesters undergraduate programme dedicated to full time study of computer application. A pass student with mathematics at 10+2 level may join this course.

The following subjects are taught in the course of study: Introduction to Information Technology, Elementary Mathematics – I, C programming, Office Automation, Proficiency in English, Business Communication, Elementary Mathematics -II , Data Structure, Financial Accounting, Digital Electronics, Principles of Management, Computer Organization, C++ Programming, Data Based Management System, Discrete Mathematics, Data Communication, System Analysis and Design, Visual Basic, Analysis and Design of Algorithm, Numerical and Statistical Technique, Java Programming, Computer Networks, Computer



Graphics, Operating System, Web Technology, Software Engineering, Multi Media System and project. After completion of this course our students may join the IT industry as programmer, Technical Support Engineer, Computer Operator etc. A student may pursue higher study courses such as MCA, M.Sc. - IT/ CS etc

<b>Duration</b>	<b>: 3 Years, of total Six Semester, where in 1 Semester is of 6 months</b>
<b>Eligibility</b>	<b>: A candidate must have passed 10+2 science examination with PCM having scored not less than 50% marks (45% for SC &amp; ST candidates) in aggregate</b>
<b>Admission Procedure</b>	<b>: Entrance Test</b>
<b>Intake</b>	<b>: 60 Students</b>
<b>Course Fees</b>	<b>: Rs 20,000 / semester + (Security Deposit Rs. 1000, 100% refundable) + (Book Bank Rs. 2000.00, 50 % refundable)</b>
<b>Industries Hiring</b>	<b>: In IT sector</b>

## 2. Centre for Management

### a. Diploma in Hotel Management

The hotel industry is presently undergoing rapid growth particularly in the luxury category. The international hotel chains are looking to increase their capacity in India in three segments, viz., Hotel and Restaurant, Tour Operators and Travel Industry. The objectives of this program is to develop knowledge and skills in the field of Hotel and Restaurant through:

- Change in attitude.
- Cognitive and creative skill development
- Skill development by general education
- Experimental learning
- Organizational visits, and
- Observational learning among the students.

Students pursuing this course will be provided following Facilities:

- AC Class rooms, Good Library, Computerized lab with Wi-Fi, well equipped restaurant and visual demonstration of House Keeping and restaurant management
- Skill training in hotels and inn house.
- Industrial tours with faculty members

Industry Partners in this course: Hotel KanhaShyam, Civil Lines Allahabad  
Restaurant El-Chico, Civil Lines Allahabad,  
Hotel President, Mysuru, Karnataka

Training and Placement: Practical training in Hotel KanhaShyam  
El-Chico Civil Lines, Allahabad

Scholarship: Rs 10,000.00 based on certain criteria  
Warm-up classes: June 1-20, 2016 Timings: 04:00 – 05:00 pm

Introduction with  
Partner Industry: Last week of June, 2016  
(Hotel KanhaShyam and El- Chico)

Regular Classes will  
Starts from : 6th, July 2016, 03:00 -04:00 pm

<b>Duration</b>	<b>: 1 yr i.e. 2 Semesters, wherein each Semester is of 6 months</b>
<b>Eligibility</b>	<b>: 10+2 in any field or any Final yr graduate student</b>
<b>Admission Procedure</b>	<b>: Interview + GD or MAT/CAT score may apply direct</b>
<b>Intake</b>	<b>: 30 Students</b>
<b>Course Fees</b>	<b>: Rs. 10000/- per semester + 5000 for food and beverages</b>
<b>Industries Hiring</b>	<b>: Hotel, Tourism &amp; service industry.</b>

## **b. Post Graduate Diploma in Management (PGDM)**

Trained managers are the need of the hour in this global market. Private sector is growing rapidly & we need individuals having sound understanding & skills in Business Management in the field of marketing, finance, Human resource, etc. Thus the main objective of this program is:-

- a. Skill development in students for management
- b. Development of market analysis aptitude
- c. Development of the self-confidence with maximum exposure
- d. Board room training for management of groups (s)
- e. Development of managerial outlook in personality

### **We offer Specializations in**

1. Human Resource Management
2. Marketing
3. Advertisement and Public Relations
4. Rural Resource Management

### **Career Prospects**

1. Management as general
2. Market Analysis
3. Production organization
4. Advertisement organization
5. Rural networking for resource management (Liaison between Government and local bodies)
6. Human Resource Management

### **Schedule of Classes**

2:00 to 6:00 pm in AC class rooms  
Special: Training in Board room exposure

### **Skill building**

All skill-building programs will run on Sundays

### **Library Facilities**

10:00a.m to 6:30 p.m

### **Computer with Internet Facilities**

10:00a.m to 6:30 p.m

### **Exposures**

1. Organizational visit
2. Field visit
3. Students exchange Program

### **Semester & Examination**

December and May

### **Summer Training**

End of the 2<sup>nd</sup> Semester Examination

### **Internship**

All third (3<sup>rd</sup>) semester students are required to participate in internship program for 4 (Four) weeks in their surrounding areas of the Centre for day to day feedbacks. Feedbacks will be monitored by nominated members of the centre.

### **Project Report**

Compulsory for all students. It should be submitted before the semester end examination.

### **Proposed Specialization**

1. **Advertisement & Public relation (APR)**
2. **Rural Resource Management (RRM)**

### **Association Building/Brand Marketing**

**For APR:** Launching a technical concept of APR with brand name of organization and resource generation for future plan.

**For RRM:** Emphasis will be given on collaboration with KSK (Kisan Seva Kendra) and ITC (Indian Tobacco Company) for rural marketing.

*Special: Summer School for final semester students for skill building (15 days program), MBA students may also participate in this program.*

**Summer Training:** At the end of second semester of first year the students will have to undergo six to eight weeks summer training in any organization of repute.

**Project Report:** After examination at the end of the fourth semester of second year, students will have to submit a project report on either a particular or select topic which is relevant to the group which the student has opted.

**Duration** : 2 yrs i.e. 4 semesters wherein each semester is of 6 months

**Eligibility** : 45% marks at Graduation Level (B.A, B.Sc, B.Com or equivalent)  
Those who have appeared in the final year and expect their result by the end of July can also apply for this course. Students of this college are eligible for five percent privilege marks. Proficiency in English is a prerequisite for admission. Weightage shall be given to Church sponsored and SC/ST candidates' upto 10% marks in the Entrance Test

**Admission Procedure:** Personal Interview & Group Discussion. Subjects will include Mathematical Ability, Reasoning Ability, General Awareness and English Language. Merit shall be made on the basis of performance in the interview.

**Intake** : 60 Students

**Course Fees** : Rs. 35000/- per annum including Extracurricular activities and Examination

**Industries Hiring** : All sectors

### 3. Centre for Food Processing

Food processing industry provides plenty of direct and indirect employment opportunities, because it acts as bridge between Agriculture and Manufacturing. As per ASI survey in 2010, Food processing industry generated highest employment among all industry. Giving employment to almost 17 lakh people. 12th Five year plan (FYP) wants to create more than 50 million jobs. Out of that, Food processing sector is to create one million jobs.

Understanding the above need, ECC has introduced the below mentioned courses which are designed based on the guidelines of Food Processing Sector Skill Council and in consultation with various relevant industry partners.

#### a. **Advanced Certificate in Food Technology (Under Community College Scheme of UGC)**

Food scientists and technologists are versatile, interdisciplinary, and collaborative practitioners in a profession at the crossroads of scientific and technological developments. As the food system has drastically changed, from one centered around family food production on individual farms and home food preservation to the modern system of today, most people are not connected to their food nor are they familiar with agricultural production and food manufacturing designed for better food safety and quality.

The Advance Certificate Course in Food Technology offered by Ewing Christian College under the Community College scheme of UGC has the mission to train the upcoming generation and to develop good entrepreneurs in the field of food science.

The above mentioned course contains all required fields related with the Food Technology such as:

1. Introduction and History of Food Technology
2. Microbiology and Biochemistry of Food
3. Bakery, Confectionary and Indigenous Food
4. Food Packing Material and Quality Assurance
5. Food Processing and Dairy Technology
6. Food Laws and Management

This certificate course is designed in such a way where it can not only give basic information about Food Technology but also provides sufficient platform for the candidate to start his own new enterprise as an entrepreneur.

**Special features of this course:**

1. Free 15 days to one month ON-JOB training in reputed food and dairy industries.
2. Teaching and practical training by well experienced and trained professionals of academic and industries.
3. Well equipped laboratories
4. Full fledged and well organized library facilities at departmental and college level.

Classes for this course will Commence from: From 13<sup>th</sup> July, 2016.

<b>Duration</b>	: 6 months
<b>Eligibility</b>	: 10+2 with biology or any related field
<b>Admission Procedure:</b>	Personal Interview
<b>Intake</b>	: 50 Students
<b>Course Fees</b>	: Rs.8000/- (Under UGC community college scheme support) else Rs.15000/- (After UGC Support is over)
<b>Industries Hiring</b>	: Dairy, FMCG sector, Food Packaging etc.

**a. B.VOC. (FOOD PROCESSING)**

B.Voc. in Food Processing is a three year Degree program offering specialization in Fruit & vegetable processing, Milk & dairy products and Agro products processing in the I, II & III year respectively with exit levels after each year such as Diploma /Advanced Diploma.

Ewing Christian College has also started Bachelor of Vocation in Food Processing, which is a contemporary exercise that develops efficiency and improves promotion of the food products. This course is based on developing set of methods and techniques which can be used to transform raw materials into nutritious and safe food for consumption. Despite the fact that food processing industry in India is at developing stage, it offers exponential career opportunities to trained professionals in food processing.

<b>Duration</b>	: 36 months
<b>Eligibility</b>	: 10+2 science examination with PCB/PCBM/PCM/10+2 Agriculture / Home Science having scored not less than 50% marks (45% for SC & ST candidates) in aggregate with condition that candidate coming from different streams must take remedial courses as prescribed.
<b>Admission Procedure:</b>	Entrance Test
<b>Intake</b>	: 50 Students
<b>Course Fees</b>	: Rs.30000/- per semester (Each semester is of 6 months)
<b>Industries Hiring</b>	: Food & Beverages , Food packaging, Dairy etc

**4. Centre for Secretarial Services****a. Certificate in Secretarial Practices & Presentation Skills**

In view of the prevailing unemployment among undergraduates, it has become indispensable to seek a certificate level vocational training as an additional value added qualification along with the three years degree course. With the remarkable growth in the socio-professional fields during the past five decades and to be in line with the New Educational Policy of Vocationalization of Educational Courses, Ewing Christian College, Allahabad is introducing a **six months certificate level course in Office Management Stenography and Secretarial Practices**. Since UGC authorized certificate is now compulsory for applying for job as Stenographer in many High Courts and other concerns therefore this Certificate shall provide greater Job opportunities to the students.

## **SUBJECTS OBJECTIVES:**

1. To prepare the students, making them fit for employment as Administrative/Management Executive Secretaries, Personal Assistants, Stenographers/Typists, Front Office/Desk Assistants and Office Assistants etc.
2. To promote knowledge & skills for self employment in related fields.
3. To provide the knowledge of modern office, related equipments, machines & the practices and procedures involved in their efficient running.
4. To make the students expert stenographers, letter drafters, and to train them in handling of records & information.
5. To equip the students with the skill of taking dictations, transcribing the matter on typewriter and computers.
6. To train the students in formatting documents, forms, inventories, reports & proposals on computers.
7. To train the students to use the internet, E-mail etc., in a modern office.
8. To train the students in communication skills in a proper business environment.

## **JOB POTENTIALS:**

The students can be employed in various organizations as:

1. Administrative/Management Secretaries
2. Executive Secretaries
3. Personal Assistants
4. Stenographers & Typists
5. Font Officer/Desk Assistants and Office Assistants etc.

The students can also be self-employed as:

- (1) Owners of commercials Typing- Shorthand Institutes.
- (2) Take up private job work as Stenographers and Computer Operators.

**Duration : 6 months**  
**Eligibility : 10+2 / Graduate in any field**  
**Admission Procedure: First come first serve basis**  
**Intake : 30 Students**  
**Course Fees : Rs. 6000/-**  
**Industries Hiring : All sectors require Administrative/Management Executive Secretaries, Personal Assistants, Stenographers/Typists, Front Office/Desk Assistants and Office Assistants etc.**

### **b. Certificate Programme in Project Writing and Presentation Skills**

**Duration : 6 months**  
**Eligibility : 10+2 / Graduate in any field**  
**Admission Procedure: First come first serve basis**  
**Intake : 30 Students**  
**Course Fees : Rs. 6000/-**  
**Industries Hiring : All sectors require Administrative/Management Executive Secretaries, Personal Assistants, Stenographers/Typists, Front Office/Desk Assistants and Office Assistants etc.**

### **c. Certificate in Short Hand and Typewriting**

**Duration : 6 months**  
**Eligibility : 10+2 / Graduate in any field**  
**Admission Procedure: First come first serve basis**  
**Intake : 30 Students**  
**Course Fees : Rs. 6000/-**  
**Industries Hiring : All sectors require Administrative/Management Executive Secretaries, Personal Assistants, Stenographers/Typists, Front Office/Desk Assistants and Office Assistants etc.**

#### **d. Diploma in Office Management & Secretarial Practices (DOMSP)**

In the modern globalization era, Private sector has progressed & is progressing in leaps and bounds. For the systematic functioning of their offices, trained, knowledgeable office managers are in demand and their demand is increasing day by day. The offered course trains an individual in complete administrative work involved in office management and supporting the work of senior officers. Proactivity, swiftness, multitasking are few of the qualities that an individual gets trained while pursuing this course.

Course Syllabus:

The following subjects are offered:

1. Short hand
2. Typing
3. Computer application in office management
4. Computer concepts
5. Windows 98
6. MS Office (word, excel, power point , access)
7. Internet, E Mail etc.
8. Office Management
9. Secretarial Practices
10. Business correspondence
11. Business English
12. Communication Skills
13. Presentation Skills and General Awareness
14. Spoken English and personality enhancement

<b>Duration</b>	:	<b>1 yr</b>
<b>Eligibility</b>	:	<b>10+2 in any field or any Final yr graduate student</b>
<b>Admission Procedure</b>	:	<b>First come first serve</b>
<b>Intake</b>	:	<b>20 Students</b>
<b>Course Fees</b>	:	<b>Rs. 12000/-</b>
<b>Industries Hiring</b>	:	<b>All sectors.</b>

#### **5. Centre for Media Studies & Performing Arts**

Globalization has influenced this sector, too. It has become the strongest & easiest tool for people to voice their opinion on any given topic, in the world. Thus handling this medium in an appropriate manner is very necessary and so we need trained & skill workforce in this sector too.

Understanding the above need, ECC has introduced the below mentioned course that is designed based on the guidelines of Media & Entertainment Skill Council and in consultation with various relevant industry partners.

##### **1. Certificate Course in Radio Jockey**

If you love the sound of your voice and have a way to charm listeners with your words, then a career as a Radio Jockey might be tailor made for you. The way people look at radio has changed. Earlier Indian radio personalities were simply referred to as "Radio Announcers". But in the last ten years the radio sector has seen a drastic positive change and now the status of Radio Jockey (RJ) is nothing less than a celebrity. The role of a RJ is inform , update and entertain its listeners.

<b>Duration</b>	:	<b>3 months</b>
<b>Eligibility</b>	:	<b>10+2 / Graduate in any field</b>
<b>Admission Procedure</b>	:	<b>First come first serve basis</b>
<b>Intake</b>	:	<b>10 Students / per batch</b>
<b>Course Fees</b>	:	<b>Rs. 12000/-</b>
<b>Industries Hiring</b>	:	<b>AIR, FM channels etc</b>

## 2. Certificate in Film Making

Film making is not something that can be easily learned. The course provides hands on training in professional film making at an introductory level. Students will explore the complete process of digital film making during the course period. Here student will be taught fundamentals of visual storytelling, developing scripts, casting, editing, sound designing, short film making etc.

<b>Duration</b>	:	<b>4 months</b>
<b>Eligibility</b>	:	<b>10+2 / Graduate in any field</b>
<b>Admission Procedure</b>	:	<b>First come first serve basis</b>
<b>Intake</b>	:	<b>10 Students/ per batch</b>
<b>Course Fees</b>	:	<b>Rs. 20000/-</b>
<b>Industries Hiring</b>	:	<b>TV &amp; Film production houses etc.</b>

## 3. Certificate in Graphic Designing

Graphic designer creates visual concepts, using computer softwares to communicate ideas that inspire, inform and captivate the consumer. They develop the overall layout and production design for various applications such as for advertisements, brochures, magazines, corporate reports etc.

<b>Duration</b>	:	<b>3 months</b>
<b>Eligibility</b>	:	<b>10+2 / Graduate in any field</b>
<b>Admission Procedure:</b>	:	<b>First come first serve basis</b>
<b>Intake</b>	:	<b>10 Students / per batch</b>
<b>Course Fees</b>	:	<b>Rs. 15000/-</b>
<b>Industries Hiring</b>	:	<b>Advertising agencies, e-commerce portals, Print media etc.</b>

## 4. Certificate Course in Photo Journalism

People usually relate journalism to covering various events happening in the society via print or TV media. Photo journalism is a very important part of Journalism, by which a visual representation of a newsworthy event is captured and created with several dynamic photographs. Thus a Photo journalist need to have an excellent sense of timing, as a second too early or too late won't get the require story.

<b>Duration</b>	:	<b>3 months</b>
<b>Eligibility</b>	:	<b>10+2 / Graduate in any field</b>
<b>Admission Procedure:</b>	:	<b>First come first serve basis</b>
<b>Intake</b>	:	<b>10 Students / per batch</b>
<b>Course Fees</b>	:	<b>Rs. 12000/-</b>
<b>Industries Hiring</b>	:	<b>Print media, News channels etc.</b>

## 5. Certificate Course in Cinematography

Cinematographers interpret the vision of director who are skilled in camera operations and lighting equipment used to produce movies, television shows and other film projects. The surest route to employment as a cinematographer is experience in the entertainment industry.

<b>Duration</b>	:	<b>3 months</b>
<b>Eligibility</b>	:	<b>10+2 / Graduate in any field</b>
<b>Admission Procedure:</b>	:	<b>First come first serve basis</b>
<b>Intake</b>	:	<b>10 Students / per batch</b>
<b>Course Fees</b>	:	<b>Rs. 15000/-</b>
<b>Industries Hiring</b>	:	<b>Television &amp; entertainment industry etc</b>

## 6. Certificate Course in Guitar

Grasp the essentials needed to begin playing acoustic or electric guitar. You will learn an easy approach to get you playing quickly, through a combination of exploring the instrument, performance techniques and basic music theory.

<b>Duration</b>	:	<b>3 months</b>
<b>Eligibility</b>	:	<b>10+2 / Graduate in any field</b>
<b>Admission Procedure:</b>		<b>First come first serve basis</b>
<b>Intake</b>	:	<b>10 Students / per batch</b>
<b>Course Fees</b>	:	<b>Rs. 5000/-</b>
<b>Industries Hiring</b>	:	<b>Music &amp; Entertainment industry etc.</b>

## 7. Certificate Course in Acting

For a good start to a professional acting career one must try to get a formal training in the same, where students get experience working on and around a stage and become familiar with acting terms and concepts.

<b>Duration</b>	:	<b>3 months</b>
<b>Eligibility</b>	:	<b>10+2 / Graduate in any field</b>
<b>Admission Procedure:</b>		<b>First come first serve basis</b>
<b>Intake</b>	:	<b>10 Students / per batch</b>
<b>Course Fees</b>	:	<b>Rs. 10000/-</b>
<b>Industries Hiring</b>	:	<b>Film &amp; Entertainment industry etc.</b>

## 8. Advance Diploma in Animation & Visual effects (ADAVFX)

Who can forget the cute and martial arts obsessed Panda in Kunfu Panda series or the famous Jungle book, Batman , Superman, ChotaBheem series to name a few, wonders of Animation & Special Effects industry. Animation Industry has boundless scope for those who love to create magic. In spite of the recent global economic crisis, Animation & Special effects industry has continued its growth.

<b>Duration</b>	:	<b>1 yr i.e. 2 Semester wherein Each semester is of 6 months</b>
<b>Eligibility</b>	:	<b>10+2 in any field or any Final yr graduate student</b>
<b>Admission Procedure:</b>		<b>First come first serve</b>
<b>Intake</b>	:	<b>20 Students</b>
<b>Course Fees</b>	:	<b>Rs. 30000/- per semester</b>
<b>Industries Hiring</b>	:	<b>Entertainment, Media &amp; Animation sector, Film Making, Editing etc.</b>

## 9. Diploma in Animation & Special Effects (DASFX)

Who can forget the cute and martial arts obsessed Panda in Kunfu Panda series or the famous Jungle book, Batman , Superman, ChotaBheem series to name a few, wonders of Animation & Special Effects industry. Animation Industry has boundless scope for those who love to create magic. In spite of the recent global economic crisis, Animation & Special effects industry has continued its growth.



<b>Duration</b>	:	<b>6 months</b>
<b>Eligibility</b>	:	<b>10+2 in any field or any Final yr graduate student</b>
<b>Admission Procedure</b>	:	<b>First come first serve</b>
<b>Intake</b>	:	<b>20 Students</b>
<b>Course Fees</b>	:	<b>Rs. 25000/-</b>
<b>Industries Hiring</b>	:	<b>Entertainment , Media &amp; Animation sector, Film &amp; TV production, Editing, Film Making, etc</b>

#### **10. Diploma in Journalism And Video Production**

With the entertainment & Media industry booming like never before, a course in Journalism & Video production, will give you an edge over your counterparts. The chief responsibilities for a video producer are to find and champion a video project, hire personnel, manage the finances and find distribution channels.

<b>Duration</b>	:	<b>1 yr i.e. 2 Semester ,wherein each Semester is of 6 months</b>
<b>Eligibility</b>	:	<b>10+2 in any field or any Final yr graduate student</b>
<b>Admission Procedure:</b>		<b>First come first serve</b>
<b>Intake</b>	:	<b>20 Students</b>
<b>Course Fees</b>	:	<b>Rs. 15000/- per semester</b>
<b>Industries Hiring</b>	:	<b>Entertainment , Media sector, Film &amp; TV production, Editing, Film Making, etc</b>

#### **11. Diploma in Mass Communication (DMC)**

The world has witnessed a phenomenal and unprecedented explosion in communication technology and media. All boundaries have been transcended, and the entire global community seems to have been brought together into one unified whole. And it is here that mass – communication as a stream of study and as a career becomes very important. Mass communication is not related to journalism alone. A professional course in Mass Communication open doors for a career in films & TV, Publishing, Public relations, Journalism, Editing, Direction, Film making, scriptwriting , production etc. Also, the pay packet in this sector is very attractive and lucrative.

<b>Duration</b>	:	<b>1 yr i.e. 2 Semester, wherein Each Semester is of 6 months</b>
<b>Eligibility</b>	:	<b>10+2 in any field or any Final yr graduate student</b>
<b>Admission Procedure:</b>		<b>First come first serve</b>
<b>Intake</b>	:	<b>20 Students</b>
<b>Course Fees</b>	:	<b>Rs. 15000/- per semester</b>
<b>Industries Hiring</b>	:	<b>films &amp; TV, Publishing, Public relations, Journalism, Editing, Direction, Film making, scriptwriting , production, News Channels etc.</b>

#### **12. Post Graduate Diploma in Journalism & Mass Communication (PGDJMC)**

The world has witnessed a phenomenal and unprecedented explosion in communication technology and media. All boundaries have been transcended, and the entire global community seems to have been brought together into one unified whole. And it is here that mass – communication & Journalism as a stream of study and as a career becomes very important. A professional course in Mass Communication& Journalism open doors for a career in films & TV, Publishing, Public relations, Journalism, Editing, Direction, Film making, scriptwriting , production etc. Also, the pay packet in this sector is very attractive and lucrative.

<b>Duration</b>	:	<b>1.5 yrs i.e. 3 Semesters wherein Each Semester is of 6 months</b>
<b>Eligibility</b>	:	<b>Bachelor's degree in any field or Final yr graduate student</b>
<b>Admission Procedure:</b>		<b>First come first serve</b>
<b>Intake</b>	:	<b>20 Students</b>
<b>Course Fees</b>	:	<b>Rs.15000/- per semester (Each semester is of 6 months)</b>
<b>Industries Hiring</b>	:	<b>Films &amp; TV, Publishing, Public relations, Journalism, Editing, Direction, Film making, scriptwriting, production etc.</b>

## **6. Centre For Languages**

English may not be the most spoken language in the world but it is the official language in a large number of countries like in India. Also, English is the predominant Business Language. We need to understand that reading English is not as difficult as speaking the language itself.

Understanding the above needs, ECC-ISD has designed the Spoken English course which helps the students understand the basic grammar of the language, learn common spoken terms, attain fluency in the language.

### **a. Certificate in Spoken English**

<b>Duration</b>	:	<b>2 months</b>
<b>Eligibility</b>	:	<b>Open for all</b>
<b>Admission Procedure:</b>		<b>First come first serve basis</b>
<b>Intake</b>	:	<b>30 Students</b>
<b>Course Fees</b>	:	<b>Rs. 2200/-</b>
<b>Industries Hiring</b>	:	<b>All sectors</b>

## **1. Department of Electronics**

More than ever, the future of video glows bright. The need for content has increased enormously with the advent of digital broadcasting around the world. Mobile platforms, such as cell phones and tablets, make it possible to view video anywhere, anytime. Video is the medium of the day. Making a television or video programmer is a highly specialized task. It needs people who are well trained. If you would like to work in the television and video industry the first, most important step, is to get the right training and qualifications to equip you for your chosen career.

Understanding the above need, ECC has introduced the below mentioned courses which are designed based on the guidelines of Electronics Sector Skill Council and in consultation with various relevant industry partners.

### **a. Certificate in Video Technology (UGC Sponsored Career Oriented Course)**

A course in video technology is 6 month career oriented certificate Course (funded & recognized by University Grant Commission) running under Department of Electronics since session 2012-13.

Now, more than ever, the future of video glows bright. The need for content has increased enormously with the advent of digital broadcasting around the world. The Internet, also, has provided a home for emerging forms of video such as webisodes and webcasts. Mobile platforms, such as cell phones and tablets, make it possible to view video anywhere, anytime. Video is the medium of the day. Making a television or video programmer is a highly specialized task. It requires a team of bright, creative, and hardworking individuals. It demands great technical skill. It needs people who are well trained.

If you would like to work in the television and video industry the first, most important step, is to get the right training and qualifications to equip you for your chosen career.

This course covers all aspects of production, including T.V. signal reception and transmission, researching, production management, camera operations, lighting, editing, sound recording and

mixing, and directing. All necessary equipment is available for students to perform necessary practical in order to enhance their knowledge.

### **Course Content:**

1. Elements of television systems
2. Analysis of T.V. picture
3. Components of picture tube
4. T.V. Receiver
5. Color T.V. and Antenna
6. T.V. Applications
7. Modulation & Demodulation
8. Troubleshooting

<b>Duration</b>	:	<b>6 Month</b>
<b>Intake</b>	:	<b>30 Students</b>
<b>Eligibility</b>	:	<b>10 + 2 (Science Stream)</b>
<b>Admission Procedure:</b>		<b>Through entrance Exam</b>
<b>Course Fees</b>	:	<b>Rs. 3000</b>
<b>Industries Hiring</b>	:	<b>Media channels, App developers, TV manufacturers etc</b>

## **2. Department of Psychology**

With the ever increasing demand of life, one needs to not only take care of his physical health but also his mental well-being. Now a days, many people are suffering from depression, Stress, anxiety etc. Organizations are taking serious note on these developments in their employees, as they believe that an organization is as healthy as its employee's mental & physical health.

Understanding the above need, ECC has introduced the below mentioned course that is designed based on the guidelines of Health care Skill Council and in consultation with various relevant industry partners.

### **a. Post Graduate Diploma in Mental Health Management (PGDMHM) :**

Mental health management is an approach for improvement of the state of mental health in human beings. It deals with human beings who are in mental stress, decision making, negotiation handling, personal and professional problems and who are suffering with learning disabilities, drug dependency etc. The trained individual with his curriculum will contribute to society in following form as:

1. Good organizational decision maker
2. Behavioral coach in organizations
3. Counselor for special students in schools and colleges
4. Clinical psychologist
5. Counselor as general
6. NGO manager
7. Management of electronic devices for diagnosis and treatment of mental state of human being.

<b>Duration</b>	:	<b>2yrs i.e. 4 semesters where in each Semester is of 6 months</b>
<b>Eligibility</b>	:	<b>Bachelor Degree in art / Science or final yr students</b>
<b>Admission</b>	:	<b>Written test</b>
<b>Intake</b>	:	<b>60 Students</b>
<b>Course Fees</b>	:	<b>Rs. 15000/- per semester (Each semester is of 6 months)</b>
<b>Industries Hiring</b>	:	<b>NGO's, Education sector, Medical sector etc</b>

### 3. Department of Chemistry

India aspires to become a developed nation by the year 2020 and this requires substantial vertical growth especially in the field of industrialization. This would require a very large number of suitably trained personal also in the near future. Chemical analyses of various substances play a very significant role in modern industries like Chemical Pharmaceutical, Plants, Oil & Gas, Cement, Glass, Metals, Plastics, Food, Cotton etc. and to meet this future requirement, it would be good if the candidate has an additional “**hands-on-training**” while he / she pursues studies at graduation level so that the student gets assistance in finding a suitable placement in the industries and other organizations.

Understanding the above need, ECC has introduced the below mentioned coursethat is designed based on the guidelines of Life Sciences SectorSkill Development Council and in consultation with various relevant industry partners.

#### a. **Certificate course in Analytical Techniques in Chemical Analysis (UGC Sponsored Career Oriented Course)**

India aspires to become a developed nation by the year 2020 and this requires substantial vertical growth especially in the field of industrialization. This would require a very large number of suitably trained personal also in the near future. Chemical analyses of various substances play a very significant role in modern industries like Chemical Pharmaceutical, Plants, Oil & Gas, Cement, Glass, Metals, Plastics, Food, Cotton etc. and to meet this future requirement, it would be good if the candidate has an additional “**hands-on-training**” while he / she pursues studies at graduation level so that the student gets assistance in finding a suitable placement in the industries and other organizations. Spectroscopy is one of the most trusted and vital tool of science in the field of ‘Chemical Analysis’. Almost all Industries, National Institutes Organizations, Universities etc are employing spectroscopy in various types of Analysis.

Ultraviolet – Visible Spectroscopy, IR Spectroscopy and Flame Photometry find great importance in Chemical Analysis and hence this certificate course is framed to help the students to acquaint themselves with these modern day analytical instruments and subsequently use them in chemical analysis of various substances (which often include real samples)

<b>Duration</b>	:	<b>6 months</b>
<b>Eligibility</b>	:	<b>Students of B. Sc. Semester III to VI having Chemistry as one of their subjects</b>
<b>Intake</b>	:	<b>20 students</b>
<b>Admission Procedure</b>	:	<b>Through interview (to be held in the month of August)</b>
<b>Course Fee</b>	:	<b>Rs. 5000.00 per student</b>

#### b. **Certificate course in Chemistry of Cosmetics (COC)**

Knowledge and skills requires for performing different activities has become prime requiremen of the contemporary world. This certificate course is aimed to give students an opportunity for gaining additional value added qualification during his / her three year study in B.Sc. after completion the course the students should be able to :-

- To learn composition and functions of various components for some cosmetic products
- To learn the chemistry of chemicals used in making various cosmetics
- To impart hands on training for preparing some products to understand various side effect these chemical may cause to become a counselor for beauty and health care treatment.
- To get a wide exposure of the fashion world for self employment and establishment of small scale level cottage industry.

<b>Duration</b>	:	<b>6 months</b>
<b>Eligibility</b>	:	<b>Students of B.Sc. Semesters (I – VI) who have opted chemistry as one of the subjects</b>
<b>Admission Procedure</b>	:	<b>First Come First Serve basis (in August)</b>
<b>Intake capacity</b>	:	<b>30 students</b>
<b>Course Fee</b>	:	<b>Rs. 5,000 per student (in 3 installments)</b>

### c. Certificate Course in Mathematics for Chemists

To equip students with the kind of mathematics and mathematical aptitude which beside helping them in Chemistry subject but also helps them in various competitive examinations which they have to appear in future.

<b>Duration</b>	: 3 months
<b>Eligibility</b>	: All students of B. Sc. Bio-group who have opted chemistry as one of the subject
<b>Admission Procedure:</b>	First come first serve basis
<b>Intake</b>	: 100 students
<b>Course Fees</b>	: Rs. 2000/-
<b>Course Application</b>	: This course enables students to; learn elements of Mathematics which is essential in the field of Science & to develop mathematical aptitude which is essential in various competitive examinations after B.Sc.

## 4. Department of Zoology

Healthcare sector is a booming sector in India as the continuous efforts of the government has made people in India become more aware about their health and the need to take care of it. Also, India being a land of traditional health remedies through ayurvedic treatment it is slowly emerging as a key player in Health tourism sector too. Thus the need for trained technicians in research laboratories, pharmaceuticals companies, companies making diagnostic kits, nursing homes, hospitals, clinics, pathology and forensic laboratories etc is also increasing.

Understanding the above need, ECC has introduced the below mentioned course that is designed based on the guidelines of Healthcare Sector Skill Council and in consultation with various relevant industry partners.

### a. Diploma in Laboratory Technology (DLT)

This course is open to the regular students of the College as well as students from other institution, who wants to acquire knowledge and skill in **Laboratory Technology**. Classes are held in the evening to enable the regular college and students to take advantage of this Diploma programme. However, the admission is done on the basis of merit earned in the Entrance test.

The college, through the Zoology Department in collaboration with scientist, medical doctors, professors, pathologists and biochemists, forensic science experts, physicists etc along with highly skilled laboratory technical staff, is running this programme on self-financing basis.

This Diploma programme has been planned with the aim of training students in the field of **Laboratory Technology** for employment in various research laboratories, pharmaceuticals companies, companies making diagnostic kits, nursing homes, hospitals, clinic, pathology and forensic laboratories etc. and develops entrepreneurship skills in them to take the problem of unemployment.

#### **Aims and Objectives:**

1. To train students in the field of **laboratory Technology** for employment as 'technical staff' in research laboratories, pharmaceuticals companies, companies making diagnostic kits, nursing homes, hospitals, clinics, pathology and forensic laboratories etc.
2. To encourage entrepreneurship among young men and women with the skill and knowledge provided under this programme.
3. To brighten the chances of getting diversified employment especially in private sector, which is expanding, many fold due to the open policy of Government and globalization.
4. To get trained and imbibe technical skills to get admission in higher technical and allied courses.
5. The programme includes lectures, demonstrations, laboratory work, including fieldwork and apprenticeship

## Course Outline of the Diploma Programme

The 2 years Diploma course is divided in two Halves. Mid Term Examination will be held at the middle of course.

### Contents:

1. General Skills
2. Laboratory Instruments
3. Human Anatomy
4. Human Physiology
5. Biochemistry
6. Pathology & Microbiology

An attendance of 75% is compulsory to appear in the annual examination. In special circumstance it is permissible upto 60%.

### Course assessment system:

There will be a final examination at the end of the course. However, students are also assessed through Mid-term Examination. 50% of the total marks obtained by the student in midterm examination will be added of the final examination. Grades will award for English Language and Computer awareness instead of marks. Students who fail in one or more papers in the final examination have an option to appear in supplementary examination, held within a month of the final examination. A fee of Rs. 300.00 per theory paper and Rs. 300.00 for practical examination will be charged in addition to Rs. 100.00 for registration from the students for the supplementary examination. There is also provision for scrutiny for which Rs. 100.00 will be charged per paper. Minimum passing marks are 40% for every paper.

- **Marks obtained in supplementary examination will not be considered for the merit position.**
- **It may be noted that supplementary examination is only for those students who fail in one or more theory paper and practical examinations and not for improvement of marks.**
- **If candidate fails in supplementary examination, he/she will be allowed to reappear the following year in final examination.**

### Award of Diploma

After successful completion of the programme, which includes compulsory apprenticeship of minimum one and a half month is recognized scientific laboratories hospitals, nursing homes or pathology centres, the student will be awarded diploma certificate in '**Laboratories Technology**' under the **seal of Ewing Christian College Allahabad**. A provisional certificate may be issued after the declaration of the results. Certificate for general awareness in Computer Application and Spoken English and Personality Development are also given along with the diploma certificate. Students who secure **First, Second** and **Third** position and obtain highest marks in practical's and highest percentage of attendance will be awarded certificate of honor etc.

### Job Opportunities:

Diploma holders of this programme have multiple employment opportunities in research and analytical laboratories, pharmaceutical companies, hospitals, dispensaries, clinics, nursing homes, etc. according to their hard work and cultivated skills. **This diploma programme is not recognized by U.P Medical Council or any other agencies. However, College, being an Autonomous is authorized by the U.G.C. to run such diploma programmes. A government medical job may or may not be possible. Students after this programme have better chances to get admission in higher technical institutions as well.**

<b>Duration</b>	:	<b>2 yrs</b>
<b>Eligibility</b>	:	<b>10+2 in science field</b>
<b>Admission Procedure</b>	:	<b>Entrance test</b>
<b>Intake</b>	:	<b>42Students</b>
<b>Course Fees</b>	:	<b>Rs. 33000/-</b>
<b>Industries Hiring</b>	:	<b>Hospitals, Testing Labs, Pathological Labs, Research Centres Pharmaceutical companies etc.</b>

## IMPORTANT POINTS FOR DLT ENTRANCE TEST:

### **Categories for students appearing for Entrance Examination in DLT :**

1. **General** :All applicants excepts those claiming privileges under categories 02,03,04.
2. **Regular students of ECC:** Will be given weightage of 10% marks, which will be added to total marks obtained by them in the Entrance test.
3. **Church sponsored candidates** :Will be admitted irrespective of the merit earned in the Entrance test. Christian applicants must submit sponsorship letter signed by the Bishop/Pastor of their respective Churches. A Church-sponsored candidate should get his/her application form signed by the Director/Co-coordinator of this Diploma programme before submission, otherwise he/she will be considered in the General category.
4. **ECC employees ward:** Son, Daughter, real brother, real sister, husband, wife, of the College staff will also be admitted irrespective of the merit earned in the Entrance test.

**Privileged candidates will have to appear in the test and secure a certain minimum marks fixed by the Admission Committee.**

### **General information regarding the test**

The entrance test will be of objective or multiple choice type in English only. Each question will have four possible choices, out of which only one will be the correct, which the candidate is required to mark. **All answers will be marked on the separate answer sheet provided and not on the question booklet.**

No negative marking is done in this test. The test will be of 2 hours duration and include the following four test papers;

Section 1:Zoology

Section 2: Chemistry

Section 3 . Elementary physics

Section 4. General English. And Aptitude

Each test paper will have forty questions and is to be answered in 30 minutes. The standard of this test is of Intermediate (10+2 level) with Biology background. The student requires revising their Intermediate syllabi.

## 5. **Department of Geography**

Tourism is an important economic activity and has been accorded industrial status by the Government. Tourism supports 36.69 million jobs in India and this number is ever increasing. Tourism has segregated itself into adventure tourism, health tourism, wildlife tourism, Pilgrimage tourism, Eco tourism, Cultural tourism, etc and individually each sub-section is seeing a tremendous growth.

Understanding the above need, ECC has introduced the below mentioned course that is designed based on the guidelines of Tourism and Hospitality Skill Council and in consultation with various relevant industry partners.

### **a. Certificate in Culture & Tourism (UGC Sponsored Career Oriented)**

Tourism is an important economic activity and has been accorded industrial status by the Government. Tourism with telecommunication and information technology is considered as one of the main driving force of the 21<sup>st</sup> century global economy.

The objective of this course is to train graduate students for national outlook in the field of tourism and culture. As tourism is one of the big industries of the country, allied branches like hotel, cultural activities food and restaurant are support agencies of tourism.

<b>Duration</b>	:	<b>6 months</b>
<b>Eligibility</b>	:	<b>10+2</b>
<b>Admission</b>	:	<b>Through Interview</b>
<b>Intake</b>	:	<b>30 Students</b>
<b>Course Fee</b>	:	<b>Rs. 5000/- per student</b>

**Infrastructural Facilities at various centers of ECC- ISD:**





**Rules for Refund**

For Rules of Fee Refund as per College Norms stated in Fee Structure in the prospectus.

**STAFF LIST: 2016-2017**

**INSTITUTE FOR SKILL DEVELOPMENT**

**Dr. M. Massey (Director)**

**Dr. L.C.T Eusebius**

**Mr. Jerald Massey**

**Rev. Ivon Massey**

**Dr. Sheetla Prasad (Nodal Officer)**

**Mr. Saurabh N. Singh**

**Mrs. Monami Basu**

**Form selling for all the courses i.e. PG Diploma/Advance Diploma/Diploma/Advance Certificate / Certificate Programmes begins from 9<sup>th</sup> May 2016.**

**Entrance examination details for DLT (Diploma in laboratory Technology):**

Entrance Test: 2<sup>nd</sup> July ,2016

Entrance Test result: 15<sup>th</sup> July,2016

Admission Date: 20<sup>th</sup> July