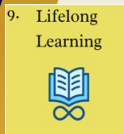
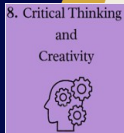




ST. ALOYSIUS' COLLEGE

AUTONOMOUS
JABALPUR- 482001
MADHYA PRADESH, INDIA



CRITERION-1



CURRICULAR ASPECTS

Key Indicator – 1.3

Curriculum Enrichment

Metric No.: 1.3.2

Number of certificate/value added courses/Diploma Programmes offered by the institutions and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms where the students of the institution have enrolled and successfully completed during the last five years (without repeat count).

Document Name

Brochures with Course Modules of Value Added Programs

2019-20.



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Advertisement & Sales Promotions

Brochure

&

Course Module



ST. ALOYSIUS' COLLEGE

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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.



ST. ALOYSIUS COLLEGE, (AUTONOMOUS) JABALPUR



Certificate Course On "Advertisement and Sales Promotion"

6TH January 2020 to 6TH February
2020

Modules:

- Advertisement
- Sales promotion
- Communication skill
- Tools of Marketing
- Marketing Strategies
- Advertising media



Contact

- ▶ Dr.Elena Philip 9893150201
- ▶ Dr.Reeta Chouhan 9770727827
- ▶ Dr.Anthonima Robin 7898865525
- ▶ Dr.Renu Markande 7470965809

**Registration fee : Rs 300/
Certificate will be provided to all**



ST. ALOYSIUS' COLLEGE

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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

St. Aloysius College (Autonomous), Jabalpur M.P

Department of Economics

Add on course

Year 2019-2020

Advertisement and Sales Promotion

UNIT- I

Marketing: functions of marketing and importance of communication management, Tools of Marketing: Communication, Advertisement, Sales Promotion and Salesmanship,

UNIT- II

Advertisement and Publicity: Meaning, importance and Objectives, Effects of advertisement, Medium of publicity: Print, Audio and visual, Effects of Advertisement on sales Promotion

UNIT- III

Classification of Advertisement: on basis of Area, Product and Service, Advertising Budget: Meaning, Factors affecting Advertising Budget.

UNIT- IV

Advertisement Illustration: Sub and Main Illustration, Slogan, Logo, Trademark, Layout Construction, Effects of Colors in Advertisement.

UNIT- V

Constructing Commodity and Service Advertisement, Analysis of Advertisement.



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DST-FIST Supported & Star College Scheme by DBT.

Computerized Accounting & Management with GST Tally

Brochure

&

Course Module



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.



St. Aloysius' College (Autonomous), Jabalpur

Re-Accredited 'A+' Grade By NAAC

College with Potential for Excellence

Department of Commerce .

Computerized Accounting & Management with GST Tally

Duration :- 30 hrs

Course Objectives

- Student will acquire knowledge and understanding of tally applications and Tools with GST calculations***

**Contact :- Dr . Sonali Bhandari
Commerce . Dept. 9424640889**

Course Module

Module I

***Company Creation and
Accounting Vouchers***

Module II

***Creation of Stock item and
Inventory Vouchers(GST)***

Module III

***Payroll and Analysis of
Accounting Reports***





ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Computerized Accounting & Management with GST Tally

Total No. of Lectures -30hrs

Module	Topics	No. of Lectures
I	Computerized Accounting System: Basics of computerized accounting systems and difference between manual and computerized accounting system, Salient Features of computerized accounting systems. Factors affecting selection of suitable computerized accounting software, procurement and installation of computerized accounting software	8
II	Creating accounting ledgers and Groups-Tally Prime: single create and multiple create, creating ledger under group and entering opening balance, creating stock items in groups, Creation, Editing and Deleting a voucher.	7
III	Taxation - Accounting for: Tax deducted at source, Tax collected at source Goods and Services Tax	8
IV	E- Accounting with the help of modern Cloud Based Software Types of Software, Security features of CAS software, Advantages and Risks,	7



ST. ALOYSIUS' COLLEGE

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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

General Features in software, Data Analysis from software.

Practical:

1) Computerized Accounting System - Tally Prime:-

create, select, shut and delete company, setting security features for a company ,date and period features, configure and change settings, backup and restore data of company

2) Creating stock items and groups in Tally Prime:-

creating and editing units of measurement. creating stock groups using single or multiple create feature under an existing group, creating and editing stock items using single or multiple feature under an existing group, Voucher Creation, Editing and Deletion.

3) Generating Reports in Tally Prime:-

Cash Book, Ledger Accounts, Trial Balance, Profit and Loss Account, Balance Sheet, Fund Flow Statement, Cash Flow Statement bill, e way bill

4) Use and Demonstration of E-accounting software:-

Zoho Books, Vyapaar, Cloud Books, Khata book

PART-C: LEARNING RESOURCES

1. Peter Norton "Introduction to Computers", 7th Edition, McGraw-Hill, New Delhi.
2. Sanjay Sexana,) "A First Course in Computers", Vikas Publishing House, New Delhi.
3. Rajaraman, V "Fundamental of Computers", 4th Edition, Prentice Hall India, New Delhi.
4. Srivastava, S.S. "MS-Office", Firewall Media, New Delhi.
5. Arora J.S. "Tally – ERP- 9, Financial Accounting", Kalyani Publishers, New Delhi.
6. Dr. A. Karim, Dr. S.S. Khanuja, Pooja Maheshwar -Computerized Accounting- SBPD Publishing House
7. S.S. Bhatia, Vikram Gupta " Computer Based Accounting System ", Kalyani Publishers, New Delhi.

Suggestive digital platform web links

1. NPTEL
2. SWAYAM
3. https://oms.bdu.ac.in/ec/admin/contents/86_16CCCCA15_2020052911250565.pdf
4. https://www.academia.edu/40257337/INTRODUCTION_TO_COMPUTERIZED_ACCOUNTING
5. https://www.edubeans.com/Class_XI_Accountancy-Computerised-Accounting-System.php
6. <https://ncsmindia.com/wp-content/uploads/2012/04/TALLY-9.0-PDF.pdf>
7. <https://studycafe.in/tally-erp-9-easy-learning-notes-88988.html>
8. <https://en.wikipedia.org/wiki/E-accounting>



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Income Tax Return Filling

Brochure

&

Course Module



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St. Aloysius' College
(Autonomous) Jabalpur
Re Accredited 'A' grade By NAAC

ST. ALOYSIUS' COLLEGE (AUTONOMOUS)
JABALPUR, MADHYA PRADESH

Reaccredited 'A+' Grade by NAAC(CGPA 3.68/4.00)

College with Potential for Excellence by UGC

DST-FIST Supported and Star College Scheme by DBT

OPEN ONLINE CERTIFICATE COURSE

ON

INCOMETAX RETURN FILING CONDUCTED BY DEPARTMENT OF COMMERCE



PATRON:
Rev Dr. G Vazhan Arasu
Principal

CHAIRPERSON:
Dr. Sonal Rai
Dean, Commerce

**COURSE
COORDINATOR:**
Dr. Rupali Ahluwalia
Head, Department of
Commerce

EARN WHILE YOU LEARN

OCC

Starting From 10 Sep 2019 Timings :- 1:30 pm-3:00 pm

FOR FURTHER QUERY-9425155177, 8109705187

GET YOUR SEAT
RESERVED
COURSE FEE- Rs 500
30 HOURS RIGOROUS
LEARNING



COURSE MODULES

- A. COMPLETE ELEMENTARY AND ADVANCED KNOWLEDGE OF INCOME TAX
- B. IN PARLENCE WITH CURRENT GST PATTERN
- C. HOW TO SAVE TAX LEGALLY
- D. 100% ASSURED UNDERSTANDING OF TECHNIIAL AND THEORETICAL CONCEPTS
- E. GET COMPREHENSIVE UNDERSTANDING FROM A 20+YEAR EXPERIENCED TEACHER

MODULE-I
BASIC CONCEPT OF
INCOME TAX
STRUCTURE

MODULE-II
PROVISION OF INCOME
TAX ACT

MODULE-III
TAX CALCULATION OF
DIFFERENT ASSESSES

MODULE-IV
RETURN FILING BOTH
ONLINE AND OFFLINE

MODULE-V
CLEARANCE OF
TECHNICAL AND
THEORETICAL
CONCEPTS

FEE DETAILS
BENEFICIARY NAME-
Principal,

St. Aloysius College, Jabalpur.
Credit A/C No.-5201214000008
IFSC Code- CNRB00005201
Bank Name- Canara Bank
Branch- Gorakhpur Jabalpur
A/C Type- Current

RESOURCE PERSON-
Mr. Harbaksh Moolchandani
M.Com Gold medalist, LL.B, ICMA,
TAX CONSULTANT

REGISTRATION LINK
<https://forms.gle/Y5Bw8gA4fWLFMj5j6>

Email-com.sac@gmail.com,
hmmoolchandani4@gmail.com



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Department : COMMERCE

Name of Certificate Course/ Diploma :

INCOME TAX FILING CERTIFICATE COURSE

Learning Outcomes (To be mentioned in bullets)

- **THE COURSE INTRODUCES AND DEVELOPS THE CONCEPTS OF RETURN FILING .**
- **TO ACQUIANT THE STUDENTS WITH KNOWLEDGE AND UNDERSTAND VARIOUS APPLICATION OF RETURN FILING.**

Course Module

- **INCOME TAX – CONCEPTS, VARIOUS TERMS, EXEMPTED INCOME (3 LECTURE)**
- **VARIOUS HEADS OF INCOME (12 LECTURE)**
- **COMPUTATION OF TOTAL INCOME OF INDIVIDUAL, HUF, FIRM, COMPANY (10 LECTURE)**
- **ITR FILING –1/2/3/4 (8 LECTURE)**
- **DOUBTS AND PRACTICE (7 LECTURE)**



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Course Duration (Hours/ Month) 40 HOURS

Credits: 02

Course Coordinator : Mr. HARBAKSH MOOLCHANDANI

Registration Link

Registration Fee : 500/



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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Goods and Service Tax Return Filing

Brochure

&

Course Module



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.



St. Aloysius' College
(Autonomous) Jabalpur
Re Accredited 'A' grade By NAAC

ST. ALOYSIUS' COLLEGE (AUTONOMOUS)
JABALPUR, MADHYA PRADESH
Reaccredited 'A+' Grade by NAAC(CGPA 3.68/4.00)
College with Potential for Excellence by UGC
DST-FIST Supported and Star College Scheme by DBT



OPEN ONLINE CERTIFICATE COURSE

ON

GST TAX RETURN FILING CONDUCTED BY DEPARTMENT OF COMMERCE



PATRON:
Rev Dr. G Vazhan Arasu
Principal

CHAIRPERSON:
Dr. Sonal Rai
Dean, Commerce

**COURSE
COORDINATOR:**
Dr. Rupali Ahluwalia
Head, Department of
Commerce

EARN WHILE YOU LEARN

OCC

Starting From 10 Sep 2019 Timings :- 3:00 pm - 4:00 pm

FOR FURTHER QUERY-9425155177, 8109705187

GET YOUR SEAT
RESERVED
COURSE FEE- Rs 500
30 HOURS RIGOROUS
LEARNING



COURSE MODULES

- A. COMPLETE ELEMENTARY AND ADVANCED KNOWLEDGE OF GST TAX
- B. IN PARLENCE WITH CURRENT GST PATTERN
- C. HOW TO SAVE TAX LEGALLY
- D. 100% ASSURED UNDERSTANDING OF TECHNIICAL AND THEORETICAL CONCEPTS
- E. GET COMPREHENSIVE UNDERSTANDING FROM A 20+YEAR EXPERIENCED TEACHER

MODULE-I
BASIC CONCEPT OF
GST TAX
STRUCTURE

MODULE-II
PROVISION OF
GST TAX ACT

MODULE-III
TAX CALCULATION OF
DIFFERENT ASSESSES

MODULE-IV
RETURN FILING BOTH
ONLINE AND OFFLINE

MODULE-V
CLEARANCE OF
TECHNICAL AND
THEORETICAL
CONCEPTS

FEE DETAILS
BENEFICIARY NAME-
Principal,
St. Aloysius College, Jabalpur.
Credit A/C No.-5201214000008
IFSC Code- CNRB00005201
Bank Name- Canara Bank
Branch- Gorakhpur Jabalpur
A/C Type- Current

RESOURCE PERSON-
Mr. Harbaksh Moolchandani
M.Com Gold medalist, LL.B, ICMA,
TAX CONSULTANT

REGISTRATION LINK
<https://forms.gle/Y5Bw8gA4fWLFMj5j6>

Email-com.sac@gmail.com,
hmmoolchandani4@gmail.com



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Department : COMMERCE

Name of Certificate Course/ Diploma :

GOODS AND SERVICES FILING CERTIFICATE COURSE

Learning Outcomes (To be mentioned in bullets)

- **THE COURSE INTRODUCES AND DEVELOPS THE CONCEPTS OF RETURN FILING .**
- **TO ACQUIANT THE STUDENTS WITH KNOWLEDGE AND UNDERSTAND VARIOUS APPLICATION OF RETURN FILING.**

Course Module

- **GOODS AND SERVICE TAX – CONCEPTS, VARIOUS TERMS, CLASSIFICATION, SUPPLY (4 LECTURE)**
- **EXEMPTED GOODS AND SERVICES, GST LIABILITY (4 LECTURE)**
- **COMPUTATION OF TAXABLE VALUE OF GOODS OF MANUFACTURES ,TRADERS (8 LECTURE)**
- **TALLY (4LECTURE)**
- **VARIOUS RETURNS (10 LECTURE)**



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Course Duration (Hours/ Month) 30 HOURS

Credits: 02

Course Coordinator : Mr. HARBAKSH MOOLCHANDANI

Registration Link

Registration Fee : 500/



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

B. Com. With US CMA

Brochure

&

Course Module



ST. ALOYSIUS' COLLEGE

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College with Potential for Excellence (CPE) by UGC

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Be future-ready!



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DST-FIST Supported & Star College Scheme by DBT.

B.Com with US CMA

The CMA® (Certified Management Accountant) offered by IMA, US, is a global benchmark for financial professionals. Why? Because CMA's can explain the "why" behind numbers, not just the "what". CMA can give you greater credibility, higher earning potential, and ultimately a seat at the leadership table.



Semester 1-4

- CMA curriculum integrated in Sem 1-4
- CMA is offered by the IMA (Institute of Management Accountants), US
- Learn using official Miles CMA Learning System powered by Hock International



Semester 5-6

- Take the 2-part CMA exam:
 - Part 1: Financial Planning, Performance and Analytics
 - Part 2: Strategic Financial Management
- Get placed with MNCs including Fortune 500 companies



ST. ALOYSIUS' COLLEGE

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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Did you know that you can clear the 2-part CMA exam even before graduation ?

CMAs of all ages earn more than non-CMA accounting professionals. CMAs between the ages of 30-39 can earn 63% more in total compensation than their non-CMA peers. Over a lifetime, this can add up to more than \$500,000.

CMAs have greater earning power



Source: 2019-2020 Salary Survey
*Source: 1. Robert Half's Market Outlook: 2019. 2. The CMA Advantage: An Outlook
www.imanet.org/cma

Careers @ MNCs & Fortune 500 companies

Deloitte.



KPMG



accenture



3M



FLEXTRONICS

Honeywell



Infosys®

CATERPILLAR



verizon✓

IBM



Cognizant



vmware®

P&G

Capgemini



Johnson-Johnson



NORTHERN TRUST

and many more...

For more info & enrollment, contact:



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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

B.Com with US CMA

Part -1. (Course Structure)

- Financial Planning , Performance and Analytics
- Overlap with Curriculum of Management Accounting (Plus Financial Accounting)
- 4-hour Exam (75% multiple choices & 25% essays)

Content Covers

- External Financial Reporting
- Planning and Budgeting
- Performance Management
- Cost Management
- Internal Controls
- Technology and Analytics



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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Programme in Banking, Finance & Insurance in Collaboration with Bajaj

Brochure

&

Course Module



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.



Join a National Initiative to Unlock the Potential of Your Graduates!



BEYOND

**CERTIFICATE PROGRAMME
IN BANKING, FINANCE
AND INSURANCE (CPBFI)**

Where Potential Meets Opportunity



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

What our partner colleges and their alumni are saying...



"The programme and the efforts made by Bajaj Finserv on placements led to over 400 of our students finding jobs in good, national financial institutions."

Mr. Sanjay Bhargava,
Chairman & Trustee, Shiksha Mandal, Wardha



"The various constituents of the programme like the industry relevant curriculum, HR workshop and Swaroop certainly promote holistic development of young graduates."

Dr. G. Vazhan Arasu,
Principal, St. Aloysius College of Commerce, Jabalpur



"The CPBFI classes are most sought-after by our students. It has helped them enhance their placement opportunities."

Dr. G. Sahaya Baskaran,
Professor of Physics and Coordinator,
Employability Skills Centre, Andhra Loyola College, Vijayawada



"Before I joined the course I was rejected by three companies and after CPBFI, I gave two interviews and was shortlisted for both. I have had a great leap of confidence after CPBFI. Today I am a better version of myself."

Alhna Shaik
Alumni of Rosary College of Commerce & Arts,
Navelim, Goa



"CPBFI infuses professionalism in students, caters to our learning and bridges the college-industry gap. Trainers provide their best and ensure the concepts are understood by the students. This is one of the best programmes I have done."

Vaibhav Bansode
Alumni of SBES College of Arts & Commerce,
Aurangabad



ST. ALOYSIUS' COLLEGE

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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.



"We are looking for partners, such as your institute, to reach and train young graduates and prepare them for corporate roles, especially in financial services. Our certificate programme, designed by the industry, for the industry, will develop them into confident professionals. Let us join hands to unlock the potential of your students and build a talent pool for a resurgent India!"

Sanjiv Bajaj,
Chairman and Managing Director,
Bajaj Finserv Limited

The CPBFI Network

Reach	2018-19	2019-20	Since inception
States	4	7	8
Towns	15	39	53
Partner colleges	27	99	152
Active centres	22	90	124
Batches	30	100	#240
Student enrolments	1,022	3,809	#10,000

Estimated up to March 2020

The reasons to partner Bajaj Finserv

Produce graduates that are ready for the industry

Attract top recruiters for placements

Improve NAAC/NIRF Ratings and Ranking among the Best Colleges

Attract top students from the city



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About CPBFI

CPBFI is a customised training programme conducted by Bajaj Finserv for graduates, especially the first-generation graduates, across India. CPBFI aims to make these graduates employable for the Banking, Financial Services and Insurance (BFSI) sector. As per industry estimates, less than 50% of the graduates passing out of the colleges are ready for corporate roles. This poses challenges for graduates aspiring for a successful career and for industry looking for skilled employees. CPBFI aims to solve this dual challenge.

CPBFI is a 100-hour training programme designed by Bajaj Finserv in collaboration with industry experts, educational institutes and a leading mental health institute. CPBFI equips participants with the right attitude, skills and industry knowledge, thereby going beyond a typical skill development programme. Successful participants can apply for different roles in banks, finance companies and insurance companies. CPBFI prepares participants for the challenging customer-facing roles in sales, service and operations which offer maximum career opportunities and excellent growth prospects.

CPBFI is conducted by a pool of trainers with extensive industry and training experience. The courses are delivered using an experiential-learning approach based on adult-learning principles. Students are able to participate in the discussions, role plays and other group activities where they can sharpen their own skills and knowledge. CPBFI is short, practical and affordable which makes it accessible to every student. This unique combination of content and pedagogy makes CPBFI one of the best extra-curricular programmes that a college can offer its students.



The data, from the assessments by external recruiters and outcome of the 2 CPBFI Job Fairs, suggests that the CPBFI students are twice as likely to get a role in a corporate, compared to their peers. Bajaj Finserv is continuously working to take this number even higher. The Bajaj Finserv team is currently working towards setting up a placement division that can support the CPBFI participants' access to top recruiters through job fairs, walk-in drives and campus placements.

By partnering with Bajaj Finserv, colleges can not only enhance the career opportunities of the students, but also attract top companies to recruit from the college. An industry partnership can benefit the college by improving its NIRF and NAAC rating and its rank in the Best College Rankings by the different agencies. CPBFI is exclusively available to students and alumni of Bajaj Finserv's partner colleges.

How to become a Bajaj Finserv CPBFI partner

- 1 Meeting between college officials and Bajaj Finserv representative
- 2 College decides to partner with Bajaj Finserv
- 3 Inform Bajaj Finserv, submit required college data electronically
- 4 Bajaj Finserv HQ team meets college officials – physically or virtually
- 5 Bajaj Finserv decides to partner with the college
- 6 Bajaj Finserv and College agree on partnership terms and draft an MoU
- 7 College mobilises the first CPBFI Batch
- 8 Bajaj Finserv and College enter into partnership by signing the MoU
- 9 All CPBFI participants appear for online Pre-CPBFI Quiz and/or Interview
- 10 Launch of CPBFI at the college at a formal launch ceremony



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Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

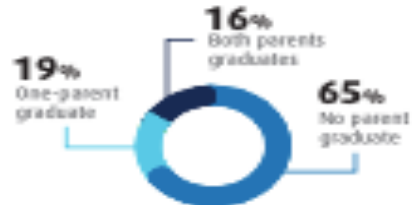
DST-FIST Supported & Star College Scheme by DBT.

CPBFI student profile

By gender



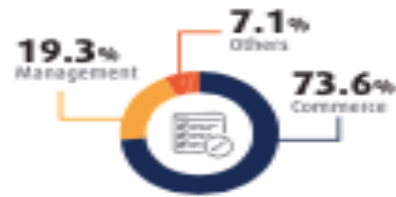
By parent education



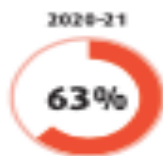
By social categories



By stream

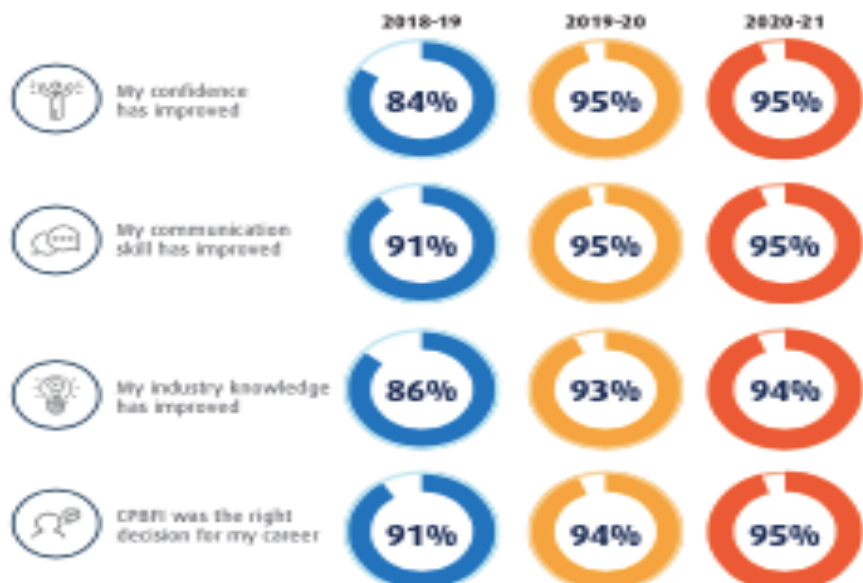


Employability of students



Employability is measured based on quality of responses by corporate recruiters

Student satisfaction scores



Numbers indicate % of students agreeing with the statement



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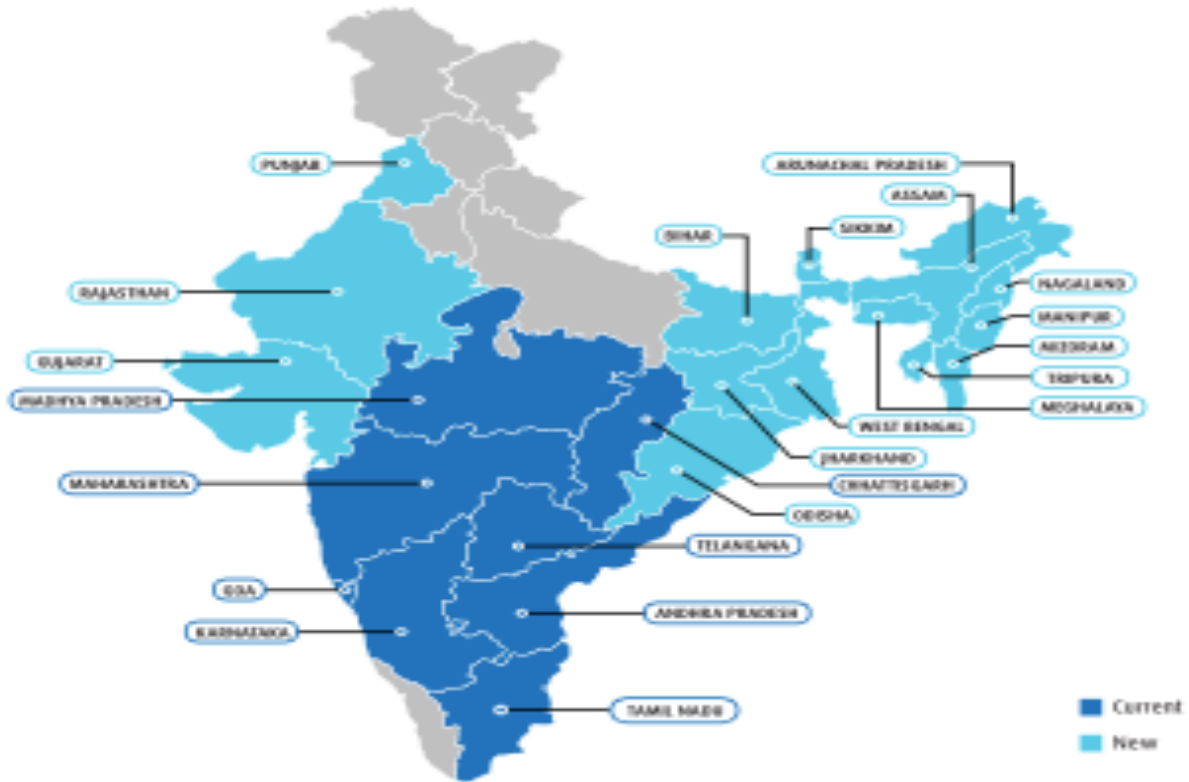
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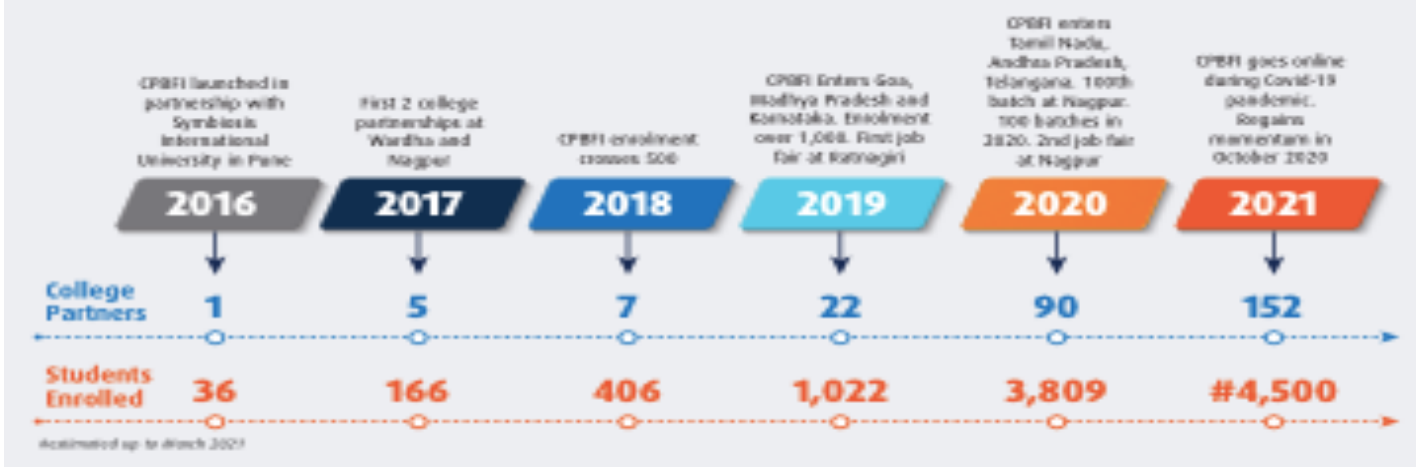
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CERTIFICATE PROGRAMME IN BANKING, FINANCE AND INSURANCE

Where Potential Meets Opportunity



Our journey so far...





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CPBFI Courses and Structure

ATTITUDE

Course 1: Managing Self - SwaRoop

- SwaRoop orientation
- My Self
- Self-belief - staying assertive
- Mind-body connections and self-talk
- What are emotions
- Regulating emotions
- What is belief
- ABC Principle of REBT
- Rational and irrational beliefs
- Decision making
- Daily challenges

SKILLS

Course 2: Communication and Workplace Skills

- What is communication
- Goals and barriers in communication
- Modes of communication
- Listening skills and empathy
- Non-verbal expression skills
- Summarisation skills
- Effective communication
- Use of language in communication
- Spoken communication
- Telephonic communication
- Written communication
- Giving and receiving feedback
- Saying and taking NO
- Persuasion and influencing skills
- Working in teams
- Group discussion skills
- Goals and targets at workplace
- Representing self
- Job interview techniques
- Job interview demonstration

KNOWLEDGE

Course 3: Overview of Retail Banking

- Introduction to Banking
- Introduction to Branch Banking
- Customers and Their Needs
- Overview of Banking Products
- Liability Products
- Asset Products
- Third Party and Fee-based Products
- Business Development
- Transaction Processing
- Customer Service
- Compliance and Ethics
- Future of Banking
- Inclusive Banking
- Introduction to NBFCs
- Overview of Corporate Banking
- Banking and Me

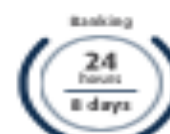
KNOWLEDGE

Course 4: Overview of Insurance

- Need for Insurance
- Evolution of Insurance
- Overview of an Insurance Company
- Overview of Retail Insurance Products
- Overview of the Companion Products
- Overview of Insurance Distribution Channels
- Selling Insurance
- Insurance Operations
- Customer Service
- Ethics and Compliance in Insurance
- Future of Insurance
- Inclusive Insurance
- Profitability Drivers for Insurance

Mock interviews by corporate recruiters

Classroom Only



96 hrs over 30 days

Online Only



96 hrs over 46 days



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DOEACC 'O' Level Software Course

Brochure

&

Course Module



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DOEACC 'O' Level

'O' level course of DOEACC Scheme is equivalent to a Foundation Level Course in Computer Applications. Students can acquire this qualification by undergoing this course and passing the examination conducted by the NIELIT. After completion of 'O' Level course, students can further enroll for DOEACC 'A' level course.

CAREER OPPORTUNITIES



- Junior Programmer
- EDP Assistant
- Web Designer
- Lab Demonstrator

Organized By-
Department of Computer science

In-charge Name- Ms. Mala Das

Contact No.-94253 85279

Ministry of Electronics & Information Technology
Government of India



St. Aloysius College, 1, Ahilya Bai Marg,
Pentinaka Chowk, Sadar, Jabalpur, Madhya
Pradesh, INDIA 482001

learn more by clicking here
[https://nielit.gov.in/chandigarh/content/
doeacc-o-level-0](https://nielit.gov.in/chandigarh/content/doeacc-o-level-0)



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NIELIT Syllabus Booklet 'O' Level (IT)-Revision V

1. 'O' LEVEL COURSE

1.1. Objective of the 'O' Level Course

The objective of the course is to equip a student with necessary skills as per following job role.

- User Interface (UI) Designer
- Web Designer
- Web Publication Assistant
- Office Automation Assistant
- IoT Application Integrator

1.2. Structure of NIELIT 'O' Level Course

DOEACC 'O' Level Course consists of four compulsory theory modules, one practical and one Project. The structure of the 'O' Level syllabus is indicated below:-

Module Code	Module	Learning Hours (Theory)	Learning Hours (Practical/Tutorials/Project)	Total Learning Hours
M1-R5	Information Technology Tools and Network Basis	48	72	120
M2-R5	Web Designing & Publishing	48	72	120
M3-R5	Programming and Problem Solving through Python	48	72	120
M4-R5	Internet of Things and its Applications	48	72	120
M5-R5	Practical based on M1-R5, M2-R5, M3-R5 and M3-R5			
M6-R5	Project		40	40
	Total	192	328	520

1.3. Duration of the Course

The duration of DOEACC 'O' level course is 520 hours and the minimum period to cover contents is **Six Months**.

2. PRACTICAL

The students have to devote 60% of the total time allotted to each module of the course for the practical sessions. Practical assignments have been worked out for each theory module. The Practical examination will be based on the syllabi M1-R5, M2-R5, M3-R5 and M4-R5 modules of 'O' Level course.

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Syllabus Booklet 'O' Level (IT)-Revision V

3. PROJECT

DOEACC curriculum has a project as an important component of 'O' Level course. The Project is carried out by the student under guidance and support of faculty and management of the respective Institute / Organization. It is felt that such a project provides an opportunity to the student to apply his / her knowledge and skills to real life problems (including oral and written communication skills), and as such the project should be given utmost importance and priority both by the students as well as institution faculty / management in respect of its identification, planning and implementation.

3.1. Objective of the Project

The objective of the project is to give the students an additional hand-on experience in solving a real life problem by applying knowledge and skills gained on completion of theory papers in a course at a given Level. It provides an opportunity to students to develop written and communication skills. Project also helps the students to realize the importance of resource and time management, ownership of task towards deliverables, innovation and efficiency in task management apart from presentation skills. It also provides a good opportunity for students to build, enhance and sustain high levels of professional conduct and performance and evolves a problem solver frame of mind in the students. It is also felt that taking up the project by a student prepares him for a job in industry and elsewhere.

3.2. Project Submission

The student undergoing course 'O' level course has to submit project in order to be 'O' Level certified. The project should be original, of real life value and not copies from existing material from any other source.

The Learners are expected to carry out a project successfully and submit certificate in the prescribed format from the head of the institute running the accredited course or the organization of which the Learner is an employee. Proforma of the Project Completion Certificate is given as follow.

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Syllabus Booklet 'O' Level (IT)-Revision V

4. CREDIT SCHEME FOR DOEACC 'O' LEVEL

4.1. Course Introduction

A credit system based on the AICTE norms has been introduced for indicating the efforts required to pass a specific level of course under the DOEACC Scheme. Award of credit to a student will facilitate measurement/comparison of study hours including Theory Lectures, Tutorials and Practical Assignments put in a given module/paper/subject under the Scheme with similar course in IT in India and abroad. This will also facilitate other Universities/ Apex Accrediting bodies to consider academic and professional equivalence of DOEACC courses. This will also help students/organizations to transfer credits from DOEACC to other academic bodies and vice-versa for ensuring continuing education. Following table gives the number of hours of Lectures/Tutorials and Practicals per week to be attended and the credits earned by the student:-

4.2. Calculation of Credits

Sr. No.	Module Code	Module Name	No. of Lecture per week (L)	No. of Tutorial/ Practical per week (T+P)	Total Credit L +(T+P)/2
1.	M1-R5	Information Technology tools and Network Basis	2	4	4
2.	M2-R5	Web Designing & Publishing	2	4	4
3.	M3-R5	Programming and Problem Solving through Python	2	4	4
4.	M4-R5	Internet of Things and its Application	2	4	4
5.	M6-R5	Project		2	1
6.		Total Credits			17

Notes

- One credit is defined as one hour of lecture and 2 hours of tutorials/ practical every week for one semester consisting of 20 weeks.
- Total number of credits earned in a module is calculated using AICTE formula (as applicable to Under Graduate Courses in IT namely $C=L + (T+P)/2$ where L, T and P indicate number of hours per week for Lectures, Tutorials and Practicals.
- The credit scheme was implemented from July, 2003 examinations.
- Fractions in Credits have been rounded to nearest integer.

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+917612620738

info@stalovsiuscollege.ac.in



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Syllabus Booklet 'O' Level (IT)-Revision V

5. EXAMINATION PATTERN

The theory examination for each module under the fifth revised syllabus would be for duration of three hours and the total marks for each subject would be 100. One Practical examination of three hours duration and would be of 100 marks. The first examination with the revised syllabus will be held in January 2020, for which teaching will commence with immediate effect.

Dates for the various activities connected with examinations will be announced on NIELIT website, well in advance of the examinations.

Laboratory/ Practical work will be conducted at Institutions / organizations, which are running the course. NIELIT will be responsible for holding the examination for theory and practical both for the students from Accredited Centers and student at large.

5.1. Pass Percentage

To qualify for a pass in a module, a candidate must have obtained at least 50% in each theory, practical examination and project. Following table shows the marks distribution

Module Code	Module	Maximum Marks
M1-R5	Information Technology tools and Network Basis	100
M2-R5	Web Designing & Publishing	100
M3-R5	Programming and Problem Solving through Python	100
M4-R5	Internet of Things and its Applications	100
M5-R5	Practical based on M1-R5, M2-R5, M3-R5 and M4-R5	100
M6-R5	Project (Certificate only to qualify O Level)	-
	Total Maximum Marks	500

The marks will be translated into grades, while communicating results to the candidates. The graduation structure is as below:-

Pass Percentage	Grade
Failed (<50)	F
50%-54%	D
55%-64%	C
65%-74%	B
75%-84%	A
85% and over	S

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Syllabus Booklet 'O' Level (IT)-Revision V

5.2. Award of Certificates

The students would be eligible for the award of 'O' Level certificate on successfully qualifying the Theory Examinations of all modules, Practical Examination and the Project. The 'O' Level Certificate was recognized as equivalent to Foundation Level Course by the Government of India for the purpose of employment vide Notification No. 43 & 49 dated 1st March, 1995 and 10th April, 1996 respectively issued by the Ministry of HRD, Government of India.

5.3. Registration

Registration is a pre-requisite for appearing in 'O' Level examinations. A candidate can register at only one Level at a time to appear for the examination. Registration is only for candidates and not for institutes. Candidate has to register with NIELIT through online portal.

5.4. Eligibility Criteria

The eligibility criteria for registration at 'O' Level is as follows:

5.4.1. Students from Institutes conducting accredited courses:

10+2 or ITI Certificate (One Year) after class 10 followed in each case, by an accredited 'O' Level course.

Or

Successful completion of the second year of a Government recognized polytechnic engineering diploma course after class 10, followed by an accredited 'O' Level course concurrently during the third year of the said polytechnic engineering diploma course. The certificate of 'O' level will be awarded only after successful completion of the polytechnic engineering diploma.

5.4.2. Direct Applicants

10+2 or ITI Certificate (One Year) after class 10, followed in each case, by one-year relevant experience. Relevant experience connotes job experience in IT, including teaching in a recognized institution as a faculty member, excludes coaching.

Or

A pass in the NCVT-DP&CS (data Preparation & Computer Software) Examination, conducted by DGE&T(Govt. of India)

For getting registered, a candidate fulfilling the eligibility criteria should apply online in NIELIT portal. Registration fee is also to be paid online. Registration fee once paid is not reimbursable or adjustable against any other payment.

Registration application can be submitted online throughout the year, however cut off dates are specified for submitting Registration applications for each examinations for the convenience of processing and allotting Registration Numbers.

Cut off Dates	
January Examination	July Examination
Preceding 30 th June	Preceding 31 st December

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NIELIT Syllabus Booklet 'O' Level (IT)-Revision V

7.4. Others

Arduino UNO or equivalent board sensors and motors

1. SOFTWARE REQUIREMENT FOR 'O' LEVEL COURSE

Sr.No.	Particular	Software
1.	Operating System	Linux/Windows/Unix
2.	NOS	Linux/Windows/Unix
3.	Software Package	LibreOffice, Star Office/ MS Office or any relevant word processing/spreadsheet
4.	Compiler/Interpreter	Python
5.	Antivirus	Standard
6.	Internet and Web Publishing Tools	Standard Browser and publishing tools
7.	IoT	Arduino IDE, Ardublockopen Tool

2. PARITY TABLE BETWEEN REVISION IV and REVISION V of 'O' LEVEL SYLLABUS

Module Code (Revision IV)	Revision IV (Module)	Module Code (Revision V)	Revision V (Module)
M1-R4	IT Tools and Business System	M1-R5	Information Technology tools and Network Basis
M2-R4	Internet Technology and Web Design	M2-R5	Web Designing & Publishing
M3-R4	Programming and Problem Solving Through 'C' Language	M1-R5	Programming and Problem Solving through Python
M4.1-R4	Application of .NET Technology	M1-R5	Internet of Things and its Applications
M4.2-R4	Introduction to Multimedia		
M4.3-R4	Introduction to ICT Resources		

1. The above table shows the equivalence between the modules of old syllabus (Revision VI and V).
2. Candidates would not be allowed to appear in the equivalent papers of the Revision IV (new syllabus), if they have already passed the relevant papers in earlier revision.
3. Candidates would have to pass a total of 4 papers and one practical in order to qualify 'O' Level in Revision IV syllabus.

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NIELIT Syllabus Booklet 'O' Level (IT)-Revision V

4. In case, candidate has cleared examination as per Revision II and/or Revision III, the equivalency of Revision II with III and Revision III with IV will be done before the equivalency with Revision V is done.

5. Candidates would be allowed exemption in equal number of papers which they have passed in Revision II or Revision III (old syllabus).

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Syllabus Booklet 'O' Level (IT)-Revision V

Accredited Institutes are allowed to submit the Registration Application Form online of their candidates one month beyond the cut off dates.

5.5. Auto-upgradation:

The candidates successfully completing all papers (Theory, Practical and Project) of a particular Level in a particular Examination and wish to appear in the next Examination for immediate higher Level are exempted from the above cut off dates. Such candidates can fill up examinations Form and Registration Forms for higher Levels subject to following conditions:-

- Combined Registration fee and Examination fee is paid online.
- The facility is available to the candidates appearing through Accredited Institutes and not for direct applicants. However the facility is available to a candidate who might have completed lower level as a direct candidate and wishing to appear for immediate higher level through Accredited Institutes.
- The facility is also not available to the candidates those who might be appearing through Accredited institute but have cleared lower level prior to the preceding exam (e.g. if a candidate has passed 'O' Level Exam in Jan, 2019, he would be eligible for this facility in case he wishes to appear for 'A' Level Examinations in July, 2019 through Accredited Institute. If, however, he had passed 'O' Level prior to Jan., 2019 Exams, this facility would not be available to him).
- This facility would also not be available to the candidate opting for Level jumping (e.g. from 'O' to 'B' or 'A' to 'C' Levels).

Once registered at a particular level, the registration is valid for ten consecutive examinations for 'O' Level, reckoned from the specific examination as indicated in the Registration allocation letter issued to the candidates.

Registration, by itself, does not entitle a candidate to appear for an examination at the Level concerned, unless all conditions, stipulated in the examination application form, and in any other notification, relevant to the examination are fulfilled by the candidate.

5.6. Re-registration:

Candidates who are not able to clear the level within the validity period of initial registration, are allowed to re-register for once, at the same level for another full term i.e. 5 years to clear the left over papers by submitting filled in Registration application and full Registration fee within one year of the expiry of the validity period of existing Registration.

6. PRACTICAL EXAMINATION SCHEME

The Practical Examination will be conducted by the NIELIT in reputed Institutions for all candidates. The institutes are obliged to facilitate the conduct of Practical Examinations and arrange infrastructure, support of its faculty and staff for the conduct of Practical Examination at their Centre. The practical examination scheme is as follows.

Number of Practical Examination	One
Duration of Practical Examination	Three hour duration including viva-voce

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Syllabus Booklet 'O' Level (IT)-Revision V

Max. Marks	100 = 80(Practical) + 20(Viva Voce)
Grading	Marks obtained by the students will be translated into the Grades as per the structure given Section 9.1.
Date(s)	Date(s) will be announced on NIELIT website.

The institutes are not allowed to charge any fee from the candidates, for the practical examination

7. HARDWARE REQUIREMENT FOR 'O' LEVEL COURSE

7.1. Computer configuration recommended

Processor	: 1 GHz or higher
RAM	: 1 GB or higher
HDD	: 100 GB or higher
Monitor	: SVGA
Mouse	: Windows compatible
Keyboard	: Standard
NIC	: Standard
Optical Drive	: Standard
Speaker, Mic, Webcam	: Standard
CD/DVD Writer	: Standard

7.2. Printer

Laser printer / Inkjet Printer	: Standard
Dot matrix printer	: Standard
OHP /LCD Projector	: Standard
MODEM, DIAL UP/DSL	: Standard
SCANNER	: Standard

Sufficient number of computers are standard networking are part of satisfying criteria for accreditation.

7.3. Networking

NIC	: Standard
RJ-45 Connector	: Standard
Crimping Tools	: Standard
UTP/STP/Coaxial Fiber Optic	: Standard
Cables and their connectors	: Standard
8/16 port Hub/Switch	: Standard
Wi-H Router	: Standard

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Red Hat Certified System Administrator

Brochure

&

Course Module



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Red Hat Training & Certification

RED HAT
ENTERPRISE
VIRTUALIZATION 3 INCLUDES TRAINING TO GET YOU UP TO

COURSE CATALOG
April 2012-September 2012

**For Registration
Contact
Mrs. S.K.Waila
9425157667**





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Red Hat Certified System Administration

Course Outcome-

By the course, Students will be introduced with -

Skills needed for basic administration and configuration of Red Hat Enterprise Linux.

Command line concepts and enterprise-level tools, laying the foundation for the rapid deployment of Red Hat Enterprise Linux.

Basic administration skills needed for resolving configuration issues and integrating Red Hat Enterprise Linux systems with other existing environments.

more advanced administrative topics, such as storage management using LVM, SELinux, management, and automated installation.

Enterprise Linux administration, including file systems and partitioning, logical volumes, SELinux, firewall configuration, and troubleshooting.

Topics

Introduction to the command line

Managing physical storage

Install and configure software components and services

Establish network connections and control firewall restrictions

Monitor and manage running processes

Manage and secure files and file systems

Administer users and groups

Review the system log files and journal for issues

Troubleshoot problems and analyze systems with Red Hat Insights

Remotely manage systems with SSH and the Web Console

Install Red Hat Enterprise Linux using scalable methods

Access security files, file systems, and networks

Execute shell scripting and automation techniques

Manage storage devices, logical volumes, and file systems

Manage security and system access

Control the boot process and system services

Running containers



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Certificate for Computer Operator (CCO)

Brochure

&

Course Module



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St. Aloysius' College

Diploma

Computer Operator

2019-20

Register Yourself

Contact:

9425157667, 7999137492

COURSE COORDINATOR

Mrs. S. K. Walia



St. Aloysius' College
(Autonomous) Jabalpur

Re Accredited 'A' grade By NAAC



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Diploma in Computer Operator I Semester IDCO1: Fundamentals of Computer

Credits	Theory		Internals	
	Max	Min	Max	Min
2	80	32	20	8

UNIT-I

Introduction to Computer: History, Characteristics, capabilities and limitations, Block diagram of computers, Generation of computers and characteristics, Computer Hardware and Software introduction, Types of Computers: analog, digital (classification of digital computers), hybrid, general purpose and special purpose computer. Types of PC Systems-PC, XT and AT, Pentium, Computer systems: Micro, mini, mainframe, super.

UNIT-II

Computer Organization: Input Devices: Keyboard, Mouse, Trackball, Joystick, Light Pen, Touch Screen, Scanners, MICR, OMR, OCR, Bar-Code Reader, Voice Input Devices, Storage devices- Primary and secondary storage, sequential, direct and indexed sequential, Tape storage devices, characteristics and limitation, tape storage and retrieval methods, direct access storage devices : hard disks, floppy disk, optical disks.

UNIT-III

Central processing unit: Microprocessor, control unit, registers, buses, Main memory: [RAM, ROM (types)], Output device: Hard copy- Printer, plotter, Soft copy-[monitors (types)].

UNIT-IV

Computer software: Types of software-[System, Application (types)], Translator-compilers, assemblers, interpreters, difference between language and package.

UNIT-V

Computer languages: Types of languages [HL, ML and LL], Advantages and limitations, Types of programming language [machine language, assembly language, procedural language, object oriented language, 4GL- Advantages and limitations.

Text Books-

Computer today by S.K. Basandra. Galgothia publication Pvt. Ltd, New Delhi
Computer fundamentals by P.K Sinha

Reference Books-O-level
module by V.K Jain



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Diploma in Computer Operator

I Semester

1DCO2: Office Automation

Credits	Theory		Internals	
	Max	Min	Max	Min
2	80	32	20	8

UNIT-I

Linux: Features of Linux — Pros and Cons of Linux, Workspace, The Panel, Taskbar, Titlebar, Window Manager, Manipulating Windows: Focus, Logout, Maximize and Minimize, resize, move, rollup, unroll, close, move to workspace, Logout, shutting down the system, Launchers, date and time, file manager, creating, deleting, moving and modifying the permissions of folders, Trash Can, Graphic image access, Creating and managing folders.

LibreOffice: Introduction to LibreOffice, Advantages of LibreOffice, Minimum requirements, Toolbars, displaying or hiding toolbars, sub-menus and tool palattes, moving toolbars, floating toolbars, customizing toolbars.

UNIT-II

Introduction to Writer: Introduction to writer, Features of writer, Menu bar, Rulers, Status bar, context menus, slide bar, Starting new documents, opening existing documents, saving documents, Save As command, Renaming and deleting files, using the navigator, undoing and redoing changes, reloading a document, closing a document, word and character count, page style, selecting text, cutting, copying and pasting text, find and replacing text, insert special characters, macros, checking spelling and grammar, using synonyms and the thesaurus, Auto Correct, footnote, Endnote, bookmark, hyperlink, line number, paragraph settings, border, Formatting characters font name, size, effects, bullets and numbering, Formatting pages: page break, page margins, page number, Inserting Header, Footer, Print a page, Template, insert images, resizing, rotate, flipping, compress and deleting an image, working with drawing tools: insert, resize, grouping, rotating, positioning image with text, wrapping text, Working with Tables, Mail Merge.

UNIT-III

Introduction To CALC Spreadsheet: Definition of Calc, Workbook, Working On worksheet, cells, title bar, menu bar, toolbar, formula bar, status bar, creating, opening and saving spreadsheets, password protection, sheet navigation, working with rows and columns, viewing Calc, editing and formatting data, merging and splitting cells, formatting data, Auto format of cells and sheets, conditional formatting, hiding and showing data, sorting records, find and replace, creating & formatting charts and graphs, using style and templates, working with graphics. Drawing tools, printing a spreadsheet, adding header and footer, formulas and functions.

UNIT-IV

Introduction to Impress: Introduction, features, creating, Adding, saving, renaming and removing slides, and printing a presentation, adding, deleting and formatting comment, slide view, outline view, slide sorter view, notes view and slide show view. Changing text font and size, selecting text style and color, set header and footer, Using, bullets, ClipArt and word art



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gallery. Applying design template, Inserting graph adding transitions and animation effects, setting timings for slide show preparing note pages, preparing audience handouts.

UNIT V

Overview of Windows(virtual):What is an operating system and basics of Windows, The User Interface, Using Mouse and Moving Icons on the screen, My Computer Icon, Recycle Bin, Status Bar, Start Button, Menu& Menu-selection, Running an Application, Windows Explorer Viewing of File, Folders and Directories, Creating and Renaming of files and folders, Opening and closing of different Windows, Control Panels, Wall paper and Screen Savers, Setting the date, time and Sound, Using right Button of the Mouse Using Short cuts, Notepad, Window Accessories

Text Books-

Libre Office 5



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Diploma in Computer Operator I Semester

1DCO3: Computer Hardware and Networking

Credits	Theory		Internals	
	Max	Min	Max	Min
2	80	32	20	8

Unit-I

PERSONAL/ MICRO COMPUTERS: PC Main Parts : CPU Box, Monitor, & Peripherals [Keyboard, Mouse, Speaker]. Inside CPU Box: Motherboard, I/O Cards, Cables, Floppy Drivers, HDD, CD-Drive, Basic computer hardware architecture, Basic I/O devices – Keyboard.

Unit-II

MEMORY: Basic Concept - Types of Memory - RAM and ROM, Memory Chips: RAM and ROM EPROM. Memory Modules and packaging, Cache Memory, Various terms used in computer memory.

Unit-III

PC-ASSEMBLY AND CMOS SETUP AND TROUBLESHOOTING:

Observation of all parts of Floppy drives, HDD, CD, and SMPS. Identification of cables and computers. Mounting Motherboard in cabinet Installation of cards, devices and then connecting cables. Fitting of cabinet. CMOS – Setup Troubleshooting.

Unit – IV

Installation of Operating system. Software installation, Printer installation,

Unit-V

Communication model - Data communications networking – Protocol architecture - TCP/IP - LAN MAC - Ethernet, Fast Ethernet, Wireless LANS.

Text Books

1. Rajaraman V., Fundamentals of Computer, Prentice Hall of India Pvt. Ltd.
2. Gupta and Kumar, Hand Book of Electronics, Pragati Prakashan
3. Sawhney A. K., Testing and Measuring Instruments, Dhannat Rai & Sons



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Diploma in Computer Operator I Semester IDCO4: English Typing

Credits			Practical	
	Max	Min	Max	Min
1	100	40	100	50

ENGLISH TYPEWRITING Keyboard awareness & Practice

- Lesson 1 asdf ;lki + word drill
- Lesson 2 asdfef ;lkjhi + word drill
- Lesson 3 awerqfa ;oiupj + word drill
- Lesson 4 gttfrf hijvui + word drill
- Lesson 5 azxcvf lkmbi + word drill
- Lesson 6 a to z, z to a + word drill
- Lesson 7 use of shift key
- Lesson 8 Sentences, Paragraph
- Paragraph Typing Practice

Dr. R. K. Sawley
J. S. Thakur
[Signature]



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Karyalaya & Jansanchar Karyavidhi

Brochure

&

Course Module



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संत अलॉयसियस स्वशासी महाविद्यालय

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College with Potential for Excellence by UGC

DST-FIST Supported & Star College Scheme by DBT

Jabalpur, Madhya Pradesh, India



हिन्दी विभाग

प्रमाण-पत्र पाठ्यक्रम 2019-2020

कार्यालय एवं जनसंचार कार्यविधि

Bank Details:

Beneficiary Name- Principal,
St. Aloysius' College, Jabalpur
Credit Account No.
5201214000008
IFSC Code: CNRB0005201
Bank Name: Canara Bank
Branch: Gorakhpur, Jabalpur
Account Type: Current

प्रारंभ - 12 सितंबर 2019

समय - 1.00 से 2.00 बजे

माध्यम - गूगल मीट

पंजीयन शुल्क-300 रु.,

महाविद्यालयी विद्यार्थी

500 रु., अन्य विद्यार्थी

पंजीयन लिंक -

<https://docs.google.com/forms/d/1yksfpZbSqG>

[H7pAON6EXfpFcSpUd3wg21kNsO32smgZ4/e](https://docs.google.com/forms/d/1yksfpZbSqG)

[dit?usp=sharing](https://docs.google.com/forms/d/1yksfpZbSqG)

मुख्याकर्षण

प्रारूपण

टिप्पण

समाचार लेखन

संपादन

छायांकन

संपर्क : डॉ. रामेन्द्र प्रसाद ओझा, डॉ. कैरोलिन सैनी, डॉ. रीना थॉमस, डॉ. अभिलाषा शुक्ला

मोबाईल नं. : 9827751341

8319964503

9926621551

9179196111



1, Ahilya Bai Marg, Pentinaka Chowk, Sadar, Cantt, Jabalpur, Madhya Pradesh, INDIA 482001

+917612620738

info@stalovsiuscollege.ac.in



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कार्यालय एवं जनसंचार कार्यविधि

1. कार्यालय कार्यविधि

- प्रारूपण
- टिप्पण
- बैठकें
- पारिभाषिक शब्दावली

2. मुद्रित समाचार माध्यम

- समाचार लेखन
- संपादन
- प्रूफ रीडिंग
- ले आउट

3. इलेक्ट्रॉनिक समाचार माध्यम

- समाचार लेखन
- समाचार वाचन
- संचालन
- संपादन

4. विज्ञापन

- विज्ञापन की अवधारणा एवं विविध माध्यम
- कॉपी राइटिंग (प्रतिलिपि लेखन)
- स्वर एवं अभिनय
- संपादन एवं निर्देशन

5. छायांकन

- छायांकन – मुद्रित समाचार माध्यम
- छायांकन (वीडियो ग्राफी) – इलेक्ट्रॉनिक समाचार माध्यम
- छायांकन –विज्ञापन

प्रायोगिक

- समाचार लेखन, शीर्षक संरचना एवं संपादन कला
- समाचार प्रस्तुति, वार्ता संचालन
- विज्ञापन संरचना



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➤ ले आउट संरचना एवं छायांकन

पाठ्यक्रम योजना

1 पाठ्यक्रम 30 घंटे (2 क्रेडिट) का होगा।

2 15 सैध्दांतिक कक्षाएँ (1 घंटा प्रति कक्षा) एवं 15 प्रायोगिक कक्षा (2 घंटे प्रति कक्षा) आयोजित की जाएगी।



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Foreign Languages (French)

Brochure

&

Course Module



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DST-FIST Supported

LEARN FRENCH

DEPARTMENT OF ENGLISH

Learn French with our offline learning course.....

REGISTRATION BEGINS AUGUST 15, 2019

COURSE STARTS FROM 1 SEPTEMBER

ENROLL TODAY!



CALL US FOR INFO

+919893192494

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WE OFFER:

- CONVERSATIONAL FRENCH
- CONSTRUCTION OF SIMPLE FRENCH STATEMENTS
- TRANSLATION OF SIMPLE FRENCH STATEMENTS
- BASIC GRAMMAR
- VERBAL ABILITY
- READING ABILITY & UNDERSTANDING



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DST-FIST Supported & Star College Scheme by DBT.

Certificate Course in Basic French

- As we are moving towards a GLOCAL culture, the demand for the acquisition of foreign languages by the Youth aspiring to travel abroad is increasing day by day.
- To catering to this constant demand, the Department of English proposes to hold a certificate course with the objective of making the learners proficient in the basics of the French language.
- This course can further lead them to advanced courses for indepth in knowledge of the subject.

Depending on the response to this course, in future the institution shall arrange for Level II.

Courses also with due approval from Board of Studies members.

Duration : 04 Weeks (30 hours)

Batches : 02 Parallel batches.

Fees : Rs 1500/- Per student

Venue : Language Lab

Course Components:

1. Conversational French
2. Construction of simple statements
3. Translation of simple French statements
4. Basic grammar
5. Verbal ability
6. Reading ability and understanding

Handwritten signatures and dates:
G.P.S. 5/8/19
Kerwin 3/8/19
Sinh 03/8/19
M.K.H. 3/8/19
V. 02.08.19
Vadappa 3/8/19
H. 03/08/19
A. S. Chandra 3-8-19
D. S. Chandra 3/8/19

Scanned with CamScanner



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Chemistry of Food: Analysis and Estimation

Brochure

&

Course Module



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ST. ALOYSIUS' COLLEGE (AUTONOMOUS)

REACCREDITED 'A+' BY NAAC (CGPA -3.68/4.00)

COLLEGE WITH POTENTIAL FOR EXCELLENCE BY UGC DST-FIST

SUPPORTED & STAR COLLEGE SCHEME BY DBT

JABALPUR, (MADHYA PRADESH),INDIA

Session 2020-21



Certificate Course on :

Chemistry of Food Analysis and Estimation through

Organized by: Department of chemistry :

Chief Patron:

Most Rev. Gerald Almeida

Patron:

**Rev. Dr. G. Vazhan Arasu
(Principal)**

Chairperson:

**Dr. Anjali D'souza
(Dean, Faculty of Life –Science)**

Convener:-

**Dr. Smarika Lawrance
(Head Department Of Chemistry)**

Course Coordinator:

Dr. Sweta Likhitkar

Commencing from: -

14th Nov. 2019

Credits-2

Duration: 30hrs

Eligibility - :

UG and PG Student of any discipline

For any queries contact:

che.sac@gmail.com

Registration Fees – 250/-

Beneficiary Name:

Principal, St. Aloysius College, Jabalpur

Credit Account No. : 5201214000008

IFSC Code: CNRB0005201

Bank Name: Canara Bank

Branch: Gorakhpur, Jabalpur

A/C Type: Current



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DEPARTMENT OF CHEMISTRY

Details of Value Added Course

Course Name:-“*Chemistry of Food: Analysis and Estimation*”

Eligibility Criterion:- Open for all

Duration :- 30 hours (2 credits)

Proposed Date:- Month of November 2019

No. of Seats:- 30

Mark Scheme :- 100 marks (Theory 50 & Practical 50)

There will be **5 (five)** modules in this course which are as follows:-

Module I: Balanced Diet: function of food, Physiological, psychological, and social, concept of balanced diet Food group and food pyramids.

Module II: Food Preservatives:

Shelf life of foods, sterilization and asepsis, determination of pH of different –foods using pH meter

Food preservation by drying /dehydrating / freezing. Fluid pasteurization, food additives-colorants-types and effects: Antimicrobial agent/ anti oxidants/sweeteners/Colors

Experiments: Processing of Jams, jellies, chutney/ sauces/ pickles and causes of spoilage

Module-III

Nutrients, Classification, Digestion, functions, dietary sources, clinical manifestations of deficiency and excess. Factors affecting absorption: Energy, carbohydrates, Lipids and proteins, vitamins –fat soluble and water soluble. Mineral –Calcium, Iron, Iodine, Zinc and Copper.

Modules-IV

Contamination of Food and Food Safety:

Food laws and standards, Global scenario, Food safety, Food Hazards of biological origin.

Contamination of food- physical chemical contaminants. (Heavy metals and Pesticides)

Intentional and unintentional additives, Food additives- Antimicrobial agents, antioxidant, sweeteners, colors.

Practical Module

Fruit Beverages/ Jams, jellies, chutney, sauces, pickle/ wine – Processing fruit juices, acetic acid /vinegar preparation

Quantitative estimation of carbohydrate, fats, vitamins in food.

Experiments: Food contamination test

Experiments: Determination of pH, Food preservation by drying/dehydrating/freezing. Fluid pasteurization.



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Water Quality Monitoring

Brochure

&

Course Module



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SOCIETY



LAB

Department of Botany and Microbiology

(Excellence through perseverance)

Certificate course in

WATER QUALITY MONITORING

A STEP
TOWARDS
YOUR FUTURE
CAREER.....

ABOUT THE COURSE OBJECTIVES OF THE COURSE LEARNING OUTCOMES

Duration of course: one month (inclusive of theory and practicals)

Commencement of

Course: 6 Dec 2019

onwards

Course fees:

Aloysians (Rs. 150),

Non-Aloysians (Rs. 200)

Eligibility criteria:

12th pass candidate

with Science background.

•To alert us about current, ongoing, and emerging problems of pollution.

•To determine compliance with drinking water standards.

•To protect other beneficial uses of water.

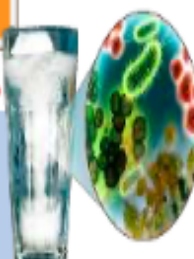
•To inculcate skills for water quality assessment.

•Physical properties of water
Chemical properties of water

•Biological properties of water

•Assessment methodologies

•Industrial application and job opportunities.



**ACCOUNT
DETAILS**

Name: St. Aloysius' College Account

Acc.No.: 5201214000008

Branch: Gorakhpur Jabalpur

IFSC code: CNRB0005201

MICR code: 482015006

Contact: **Mrs. Roshni Choubey**, Course coordinator, Dept. of Botany and Microbiology, SAC, JBP. (9713247488)



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Department of Botany and Microbiology
St. Aloysius' College (Autonomous) Jabalpur

CERTIFICATE COURSE ON WATER QUALITY MONITORING 2019-20

Module 1

1 credits

1. Physical analysis of water

Introduction to general properties of water: odor, pH, color and turbidity, methods of assessment, water quality and surveillance programme, Water quality, Guidelines and standards.

2. Chemical analysis of water

Total dissolved solids (TDS), Ionic Analysis: Sodium, Potassium, Magnesium, calcium, iron, Lithium; Alkalinity: Chloride, nitrite, nitrate, phosphate, sulphate, chlorine Inorganic non-metallic constituents

3. Microbiological analysis of water

Aerobic Microbial Plate Count (AMPC), Total Coliforms, Faecal Coliforms: *Streptococcus*, *Vibrio cholera*, *Escherichia coli*, *Staphylococcus aureus*, *Salmonella*, *Shigella*, *Clostridium*, yeasts and moulds.

Module 2: Hands on water quality analysis

1 credits

Visit to water industries

Report submission

Note: Total credits: 2

01 credit= 15 hrs.

[Signature]

[Signature]
6/7/19

[Signature]
6/7/19
(P.K. Chauhan)

[Signature]
6/7/19

[Signature]
6/7/19

[Signature]
Monica Saini

[Signature]



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Innovative Zoological Practice

Functional

Brochure

&

Course Module



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Certificate Course

in "Innovative Zoological Practices"

19th August - 19th November 2019

"REGISTRATION FORM"

DEPARTMENT OF ZOOLOGY
ST. ALOYSIUS COLLEGE
(AUTONOMUS), JBP

Name (in Block letters) -

.....

Class.....

Institution.....

.....

Correspondence Address.....

.....

Pin code.....City.....

State.....Contact No.....

E-mail.....

Registration Fees: Rs.200/-

Date: Place:

For more details, please visit

College website: stalovsiuscollege.ac.in

COURSE OBJECTIVE

The certificate course aims to impart theoretical as well as practical knowledge of various aspects of the applied zoological techniques in detail to the learners. The techniques taught during the course may help the students in their academic and professional endeavors.

Course Content

Credits - 2

Course includes two modules

Module I – Theory

Module II - Practical

Organizing Committee

Patron

Rev. Dr. G. Vazhan Arasu

Convenor

Dr. Parnashree Mukherjee

Organizing Secretaries

Mrs. Runa Paul

Dr. Daya Shankar Gautam

Dr. Priyanka Sinha

Dr. Manju Dixit

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(AUTONOMUS) JABALPUR
(MADHYA PRADESH), INDIA

REACCREDITED 'A+' BY NAAC

(CGPA 3.68/4.00) UGC DST-FIST SUPPORTED



Session- 2019-2020

Certificate Course
in
"Innovative
Zoological Practices"

Functional
Organized by

Department of Zoology

19th August-19th November 2019

Duration - 3 Months

Eligibility - UG & PG Students

For any query contact or mail us

Dr. Parnashree Mukherjee - 9479494054

Mrs. Runa Paul - 9893415069

Email id - zoo.sac@gmail.com



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

St. Aloysius' College (Autonomous), Jabalpur
Departments of Zoology
Certificate Course in "Innovative Zoological Practices
Functional
(Session 2019-2020)

Course Objective

Study of animals includes wide range of approaches such as haematology, entomology, morphology, odontology, taxonomy chromatography and physiological processes as well as behaviour and ecological aspects of the animal world including man and its surroundings thus keeping the above-mentioned facts in view the proposed certificate course aims to impart theoretical as well as practical knowledge of various aspects of the applied zoological techniques in detail to the learners. This course is designed basically, for the students who are interested in learning about different zoological techniques of human relevance. Some of the techniques taught during the course may help the students in their academic and professional endeavours.

Course Outcome

- Acquire knowledge of various aspects of the applied zoological techniques like preservation of fishes, microscopic and morphometric measurements in detail.
- Develop an ability to analyse body mass index (BMI) and its significance and study of human and animal interaction
- It will also explain the blood physiology and adulterants found in milk samples.
- Understand about the importance of life style diseases and elementary idea of probiotics and prebiotics.
- It will also explain the maintenance of aquarium, breeding of aquarium fishes and role of herpetology
- Develop an understanding of significance of antibacterial properties of cow urine and rheological properties of food items in the current scenario.



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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

- **Eligibility Criteria:** Candidates with UG & PG are eligible for pursuing the certificate course.
- **Duration of the Course:** The duration of the programme is 3 month (30 hrs and 2 credits)
- **Fee Structure:** Rs. 200/-
- **Internal Evaluation**

Scheme of Examination

Paper		Maximum Marks	Minimum Marks	Total Marks
I	Theory	50	25	100
II	Practical	50	25	

Ramesh *Rao* *Sharma*

THEORY SYLLABUS

02 Credit

30 Hours

Unit I

1. Body mass index (BMI), or Quetelet index and its significance
2. Typical Truss Morphometric Network (TMN)
3. Immunochromatography and its applications
4. Elementary knowledge Role of Herpetology in wildlife.

Unit II

1. Blood indices and its significance in clinical pathology.
2. Haemin crystals in human blood and its significance
3. Cooke's Armeth count and its relevance in biomedical science.
4. Identification of Malaria Parasite

Unity III

1. Study of genetic Hybrids
2. Hair profile study.
3. Adulterants of milk samples
4. Study of Dairy Cattle Health and related diseases.

Unit IV

1. Insect haemolymph and its components.
2. Forensic entomology war use of insects to estimate the time of death and Forensic Odontology
3. Preparation and maintenance of Aquarium and Breeding of Aquarium Fishes
4. Ethno Zoology war study of human and animal interaction

Ramesh *Rao* *Sharma*



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Unit V

1. Elementary knowledge of Biopharmaceutical Technology wsr Probiotics and Prebiotics.
2. Basic idea of life style diseases and control.
3. Rheological properties of food items.
4. Antibacterial properties of cow urine.

PRACTICAL- SYLLABUS

1. Study of Rheological Properties of food items using Viscometer
2. Study of Antibacterial activity of Cow Urine.
3. Determination of Cooke's Armeth count [Aging of Neutrophils]
4. Study of malaria parasite
5. Morphometric analysis of fish by Typical Truss Morphometric Network (TMN)
6. Comparative Hair profile study.
7. Preparation of Haemin Crystals in human blood
8. Total haemocyte count in insect haemolymph
9. Rapid tests for testing Adulterants of milk samples
10. Forensic dentistry or forensic odontology wsr assessment of bite marks.
11. Preparation and maintenance of Aquarium.



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Hands on Training in Microtomy

Brochure

&

Course Module



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Hands on Training on Microtomy

10th July - 10th August, 2019

"REGISTRATION FORM"

DEPARTMENT OF ZOOLOGY
ST. ALOYSIUS COLLEGE
(AUTONOMUS), JBP

Name (in Block letters) -

.....

Class.....

Institution.....

.....

Correspondence Address.....

.....

.....

Pin code.....City.....

State.....Contact No.....

E-mail.....

Registration Fees: Rs.100/-

Date: Place:

For more details, please visit

College website: stalovsiuscollege.ac.in

Objective- The training on microtomy or section cutting aims to equip the students to prepare the permanent slides of tissues for microscopic examination with the help of an instrument Microtome. The training will make the students understand the technique of tissue sectioning for histological studies.

Course Content

Theory

- Introduction & Scope
- Types of Microtome, Principle, Working & Application
- Process of microtomy

Practical

Steps for processing tissues

Organizing Committee

Patron

Rev. Dr. G. Vazhan Arasu

Convenor

Dr. Parnashree Mukherjee

Organizing Secretaries

Mrs. Runa Paul

Dr. Daya Shankar Gautam

Dr. Priyanka Sinha

Dr. Manju Dixit

ST. ALOYSIUS' COLLEGE
(AUTONOMOUS) JABALPUR
(MADHYA PRADESH), INDIA

REACCREDITED 'A+' BY NAAC (CGPA 3.68/4.00)
UGC DST-FIST SUPPORTED

Session- 2019-2020



Hands on Training
on
"Microtomy"



Organized by
Department of Zoology
10th July - 10th August 2019

Duration - 1Month

Eligibility - PG Students

For any query contact or mail us

Dr. Parnashree Mukherjee - 9479494054

Mrs. Runa Paul - 9893415069

Email id - zoo.sac@gmail.com



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(AUTONOMOUS), JABALPUR(M.P.)

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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

ST. ALOYSIUS COLLEGE (AUTONOMOUS), JABALPUR

Department of Zoology

Hands on Training

on

"Microtomy"

(Session 2019-20)

Course Objectives:

- The course provides students with basic knowledge and principle of microtome and their application
- To get detailed information about tissue sectioning using a microtome
- To provide a basic idea about the microscopic analysis of internal structure
- To understand the techniques involved in the process of microtomy.
- To develop fundamental knowledge of histological details of the organs and tissues

Learning Outcomes:

The students are expected to acquire the knowledge of the following:

- Types of microtome and their application
- The technique of tissue sectioning
- Preparation of permanent slides of tissues for microscopic examination of internal structure.
- Histological details of the organs and tissues

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College with Potential for Excellence (CPE) by UGC

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Eligibility Criteria:-

1. All Biosciences PG Student
2. Fee Structure: Rs. 100/-
3. Internal Evaluation



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Theory Syllabus

MODULE I

- i. Define Microtome
- ii. History of Microtomy
- iii. Microtome – Scope & Applications
- iv. Cell & Tissue
- v. Different types of tissues
- vi. Structure & function of tissues
- vii. Hand Microtome
- viii. Rotary microtome
- ix. Base sledge microtome
- x. Microtome knife and its types.
Advantages
Disadvantages

P.

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Practical Syllabus

MODULE II

Course Content

- Preparation of the material & fixation
- Washing
- Dehydration
- Clearing of the tissue
- Preparation of the tissue for embedding
- Paraffin Infiltration and embedding
- Block Making and orientation
- Trimming of block
- Cutting Sections
- Mounting on microscope slides
- Clearing and Staining
- Drying of the slides
- Preparation of permanent mounts



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Plant Tissue Culture Analysis

Brochure

&

Course Module



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College with Potential for Excellence (CPE) by UGC

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St. Aloysius College (Autonomous)

NAAC Reaccredited 'A+' CGPA (3.68/4.00), College with Potential for Excellence by UGC,

DST – FIST Supported, DBT STAR Scheme



Department of Biotechnology

Presents

Certificate Course On

Plant Tissue Culture

30 Days Course

Credits : 2

Who can apply

B.Sc II and III Year



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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Certificate Course for Skill Development On Plant tissue Culture

Introduction

Plants have been conventionally propagated by seed and vegetative methods. Seeds are generally heterozygous and cause undesirable variability in the off-springs. Moreover, methods of vegetative propagation are not available for all the plant species. Further, these methods, wherever available, are slow and able to produce a limited number of propagules. Plant Tissue Culture has become an important alternative where any plant species can be cloned and a large number of genetically uniform disease-free plants can be obtained within a short period of time. The technique enables production of plants in a small laboratory space round the year, independent of season. The controlled physico-chemical culture environment ensures uniform growth and optimum field performance of the plants. The technique has been widely applied for large-scale production of quality plants including fruit plants, ornamentals, plantation crops, tree species, spices and condiments. The demand for tissue culture derived plants has been growing exponentially across the globe. A large number of tissue culture based industries have been engaged in commercial production of selected plant species in India and abroad. There is a huge demand for trained manpower in this sector. The course being offered will train manpower suited to the needs of the industry so that the trained personnel become employable. In addition, the course will also provide advanced training to become an entrepreneur in the said area.

Objectives

- To train manpower suited to the needs of Plant Tissue Culture Industry and Research centers.
- To impart advanced training in plant tissue culture technology to develop entrepreneurship skills.

Eligibility

Students who are pursuing B.Sc. in any discipline of Biological Sciences

Duration of Course:

30 days



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DST-FIST Supported & Star College Scheme by DBT.

Course Syllabus

- Totipotency
- Application & Importance of Plant Tissue Culture
- Cleaning and Washing techniques
- Laboratory Organization
- Media Preparation & their types
- Aseptic inoculation techniques
- Haploid Culture (Anther Culture)
- Somatic Embryogenesis
- Micropropagation
- Cell culture maintenance
- Hardening Techniques

Salient Features of the Course:

30% theory will reinforce Tissue culture Principles central to advanced tissue culture and 70% practical sessions will introduce instrumental techniques for plant tissue culture. Lectures assisted with modernized teaching tools, interactive sessions, group discussions and assignment based monitoring. Hands -on training at the state-of-the-art instrumentation facility.

MoU:

A MoU will be made with TFRI/SFRI. The students will perform half of the course here in department and half of the course with the tie up institute.

Evaluation of Students:

End course examination

Certification

Certificate will be awarded to every successful candidate.



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Research Documentation through Latex

Brochure

&

Course Module



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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported

**CERTIFICATE COURSE ON
RESEARCH DOCUMENTATION THROUGH
LATEX
2019-20**

**Organized by
Department of Mathematics**

**Start form
12 Sep 2019**

Duration: 30 Hours

Syllabus and Scheme

<https://drive.google.com/file/d/1LZaGF4rp-tNk4sy8iuiOFJj2O1XkTzNv/view>



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DST-FIST Supported & Star College Scheme by DBT.

ST. ALOYSIUS (AUTO) COLLEGE, JABALPUR
DEPARTMENT OF MATHEMATICS
CERTIFICATE COURSE
LATEX

S. No.	Title	Maximum Marks	Minimum Marks
I	LATEX-Theory	50	20
II	LATEX-Practical	50	20

Note: Total duration of the course is 30 contact hours.

Handwritten signatures and dates:
Mandvi 27.7.19
CSZ 22.05.19
Srinivas 27/2
Alk 23/07/19
Pratibha
Srinivas
Jabali
NO



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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

ST. ALOYSIUS (AUTO) COLLEGE, JABALPUR DEPARTMENT OF MATHEMATICS CERTIFICATE COURSE LATEX-THEORY

Maximum Marks: 50

Time: 2 hours

Minimum Marks: 20

MODULE I – Typesetting Mathematical Text with LATEX: Sample Document, Type style, Environments, Lists, Centering, Tables, Verbatim, Vertical and Horizontal Spacing.

MODULE II – Equation Environments, Fonts, Hats and Underlining, Braces, Arrays and Matrices, Customized Commands, Theorem-like Environments, Math Styles.

MODULE III – Document classes and the overall structure, Titles for Documents, Sectioning Commands, Packages, Inputting Files, Inputting Pictures, Making a Bibliography, Making an Index, Slides.

REFERENCES:-

1. Leslie Lamport, LATEX, Addison Wesley Publication Company (1994).
2. David F. Griffiths, Desmond J. Higham, Learning LATEX, Society for Industrial and Applied Mathematics, Philadelphia (1997).

Handwritten signatures and dates:
Mandy 27-7-19
Alok 29/07/19
Pooja 27-02-19
Srinidhi 27/7
Anil 29/07/19
Srijay
ME



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ST. ALOYSIUS COLLEGE(AUTO), JABALPUR DEPARTMENT OF MATHEMATICS CERTIFICATE COURSE LATEX-PRACTICAL

Maximum Marks: 50

Time: 2 hours

Minimum Marks: 20

List of Practicals:

1. WAP in Latex for a Research paper format.
2. WAP in Latex for a Chapter format.
3. WAP in Latex for a Reference format.
4. WAP in Latex for a Certificate format.
5. WAP in Latex for a PPT format.
6. WAP in Latex for insert a graph in Chapter format.

Handwritten signatures and dates:
Sushu 27/7
22-02-19
Uandya 27-7-19
Pectibha
AKL 29/07/19
Sain
Jubha
MO



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Basics of Matlab

Brochure

&

Course Module



1, Ahilya Bai Marg, Pentinaka Chowk, Sadar, Cantt, Jabalpur, Madhya Pradesh, INDIA 482001



+917612620738



info@stalovsiuscollege.ac.in



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Department of Mathematics

Certificate course "Basics of MATLAB"

Learning Outcomes

The students are expected to acquire the knowledge of the following:

1. Creating executing and saving script file in MATLAB.
2. Creating vectors and Matrix manipulation.
3. Arithmetic operations Relational operations Logical operations.
4. Determinant of Matrix.
5. Two and three dimensional plotting.

Date of
implementation

12/09/2019

Time: 1:30 PM

Registration Fee

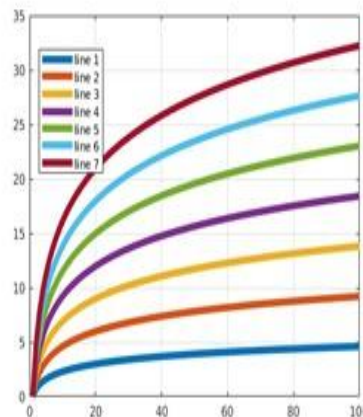
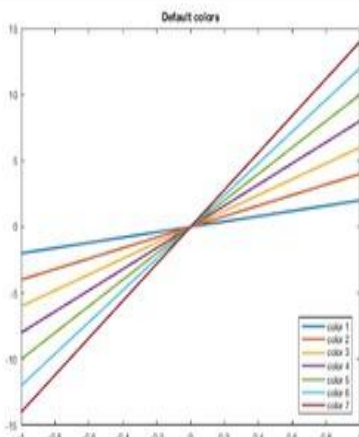
500

For registration
Click Here

For more details

Contact : 9144775026

8982891621





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ST. ALOYSIUS COLLEGE (AUTO), JABALPUR
DEPARTMENT OF MATHEMATICS
CERTIFICATE COURSE
BASICS OF MATLAB-THEORY

Maximum Marks: 50

Time: 2 hours

Minimum Marks: 20

MODULE I- Input output of data from Matlab command. File types. Creating, saving and executing the script file. Creating and executing functions file.

MODULE II- Working with files and directories. Matrix manipulation. Creating vectors. Arithmetic operations. Relational operations. Logical operations. Matrix functions. Determinant of Matrix.

MODULE III -Graphics: Two and three dimensional plot.

REFERENCE BOOKS:-

1. RudraPratap, Getting Started with MATLAB: A Quick Introduction for Scientists and Engineers. Oxford University Press.
2. Stormy Attaway, MATLAB: A Practical Approach, Butterworth-Heinemann Publications, USA.

Manduj
27.7.19

27.07.19

Pentisha
Spain

Arbong

27/7

27/7

ME



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(AUTONOMOUS), JABALPUR(M.P.)

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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Historical Tourism Destination Management

Brochure

&

Course Module



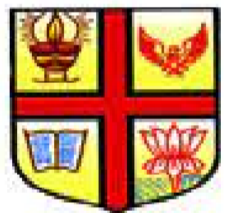
ST. ALOYSIUS' COLLEGE

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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.



VIRTUS IN ARDUO

ST.ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR (M.P.)

Reaccredited "A+" Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence by UGC(III Cycle)

DST-FIST Supported

Star college Scheme by DBT

FOR:
Humanities students, IAS
aspirants
Anyone interested in learning.

HISTORICAL TOURISM DESTINATION MANAGEMENT

Organized by : DEPARTMENT OF HISTORY
SESSION : 20019-20

COURSE FEES: Rs 600/-

Beneficiary Name: Principal, St. Aloysius
College, Jabalpur

Credit A/C No. : 5201214000008

IFSC CODE: CNRB0005201

BANK NAME: Canara Bank Branch: Gorakhpur

Jabalpur A/C type Current

PATRON:

Rev. Dr. G. Vazhan Arasu

COORDINATOR:

Dr. Manju Maria Solomon
Head, Department Of History

For Queries Contact: history.sacmp@gmail.com

his.sac@gmail.com

Dr. Manju Maria Solomon



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(AUTONOMOUS), JABALPUR(M.P.)

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DST-FIST Supported & Star College Scheme by DBT.

ST. ALOYSIUS' COLLEGE (AUTONOMOUS),
JABALPUR, MP
DEPARTMENT OF HISTORY
SYLLABUS
SESSION : 2019-20

CLASS	: B.A 1 st YEAR
PAPER	: 1 st
SUBJECT	: HISTORY
TITLE OF SUBJECT GROUP TIMES	: HISTORY OF INDIA & FROM EARLIEST TO 1200 A.D.
MAX.MARKS	: 40 THEORY +10 CCE TOTAL-50/50

UNIT	SYLLABUS
UNIT 1	History- its concept, nature and significance, Survey of Sources, historical facts in Puranans, Physical and geographical structure of India, Pre historic age and Stone age – Paleolithic, Mesolithic (with special reference to rock art) and Neolithic culture.
UNIT 2	Saraswati Civilization (Harappan civilization) – origin, extent, decline, social economic and cultural life, Megalithic cultures, Vedic period and Aryan society, polity, economy, culture and religion, later Vedic period – Social conditions – Varna, Jati, occupational categories, marriage, Sixteen Sanskars and four Purusharthas. Iron age.
UNIT 3	Sixteen Mahajanpads, Rise of Magadha, rise of new religion movements in North India. Buddhism and Jainism Iranian invasion, Alexander's invasion and its impact, The Mauryan Empire – Chandragupt, Koutilya and Arthshastra administration and economy, Ashoka's Dhamma, Mauryan art and architecture, downfall of Mauryan empire, Post Mauryan Period: Foreign invaders – Shakas and Kushanas – administration and cultural development, Sunga, and Sathavahana period – political, social, economic and cultural life, Mathura and Gandhar art.



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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Certificate Course Human Rights

Brochure

&

Course Module



1, Ahilya Bai Marg, Pentinaka Chowk, Sadar, Cantt, Jabalpur, Madhya Pradesh, INDIA 482001

+917612620738



info@stalovsiuscollege.ac.in



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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

ST. ALOYSIUS COLLEGE (AUTONOMOUS)

*Reaccredited 'A+' by NAAC (CGPA 3.68/4.00) College with
Potential for Excellence by UGC DST-FIST Supported &
Star College Scheme by DBT Jabalpur, Madhya Pradesh,
India*

Department of Political Science

CERTIFICATE COURSE IN HUMAN RIGHTS

Course Fee: 400/-

Bank Details:

Beneficiary Name: Principal,

St. Aloysius College Autonomous Jabalpur

Credit Account No. : 5201214000008

IFSC Code: CNRB0005201

Bank Name: Canara Bank

Branch: Gorakhpur, Jabalpur

Account Type: Current



Date of Commencement: 26th September 2019

Eligibility: Minimum 10+2

Timing: 1:30-2:00 PM

For Queries Contact: 889436653, 9424086040

Email: poli.sac@gmail.com



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(AUTONOMOUS), JABALPUR(M.P.)

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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.



St. Aloysius' College Autonomous Jabalpur

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College with Potential for Excellence by UGC

DST-FIST Supported & Star College Scheme by DBT

Jabalpur, Madhya Pradesh, India

Department of Political Science

Certificate course in Human Rights

Syllabus

(02 Credits)

Module I : Concept of Human Rights and Duties

1. Historical Development of Concept of Human Rights
2. Nature and Classification of Human Rights

Module II: United Nations and Human Rights

1. Universal Declaration of Human Rights 1948
2. Universal Declaration of Human Responsibilities 1997
3. UN bodies involved in protection of Human Rights – General Assembly, S.C, UNICEF, WHO, ILO, Economic and Social Council, U.N. Commission on Human Rights

Module III: Human Rights in India: Constitutional Framework

1. Fundamental Rights
2. Fundamental Duties

Module IV: Protection of Human Rights

1. Role of Judiciary in protection of human rights and duties
2. Role of NGO's , media and educational institutions in protection of human Rights.
3. Human Rights Commission and Protection of Human Rights in India

Module V : Human Rights of Special Category and Marginal Groups

1. Rights of the Women,
2. Rights of the Children
3. Rights of the Dalit and Tribes
4. Rights of Minorities
5. Rights of Old and Disabled