

Women Entrepreneurship Development Program

On

Digital Marketing

Program Detail

12th November 2018- 10th December 2018

S.no	Date	Event
1	12/11/18	Inauguration and a session on "Charms of being and Entrepreneur"
2.	13 th -14 th /11/18	Developing Entrepreneurial Competency
3.	15 th Nov- 1 st Dec 2018	Digital Marketing Training
4.	3/12/18	Identification of Business opportunity and guidance
5.	4/12/18	Business Plan Preparation
6.	5/12/18	How to conduct market survey: tools, techniques and guidelines
7.	6/12/18	Schemes of Assistance for MSMEs/Financial Agencies/Institutions
8.	7/12/18	Session on "IPR"
9.	8/12/18	Industrial Visit
10.	10/12/18	Feedback Session and Valedictory

1 month workshop

	Student's name	Father's name	Mobile
1.	Alishba	Mr. Irfad Ali	8745998365
2.	Sonam	Mr. Kalu Ram Chand	9654658792
3.	Geeta Sharma	" Mangal Singh Sharma	9310319606
4.	Kumkum	" Satpal Singh	9560239826
5.	Abhilasha	" Satish Kumar	9773604994
6.	Pooja Tanwar	" Satendra Singh	8750362265
7.	Nisha Sharma	" Sanjay Sharma	8470876707
8.	Meenal Shishodia	" Sudesh Kumar Shishodia	7599742285
9.	Meena Rani	" Nepal Singh	6395438302
10.	Parul	" Bhawar Singh	7011655515
11.	Payal	" Veer Singh	7011655515
12.	Pooja	" Mahendra Singh	8700697325
13.	Monika	" Sukhveer Singh	7840019764
14.	Neha Kushwaha	" Ashok Kumar	9410449577
15.	Meenu Rani	" Nagendra Singh	6398662564
16.	Nisha	" Ram Kumar Singh	7042256332
17.	Megha		9310887100
18.	Nisha	" Rakesh Kumar	9350504910
19.	Sumegha	" Gyaneshwar	8171100582
20.	Vihita	" Sehkar Singh	9354584814
21.	Tanu Sharma	" Pramod Kumar Sharma	9650705141
22.	Neha Chauhan	" Bhudev Singh	8527157764
23.	Anchal	" Harendra	5818098800
24.	Nikita	" Birendra Singh	8750723411
25.	Vaishali	" Ramveer Singh	9582310825

CERTIFICATE COURSE
SCIENCE FACULTY

BASIC COMPUTER COURSE (BCC)

OBJECTIVE:

The course is designed to aim at imparting a basic level appreciation programme for the common man. After completing the course the incumbent is able to use the computer for basic purposes of preparing his personnel/business letters, viewing information on Internet (the web), sending mails, using internet banking services etc. This allows a common man to be also a part of computer users list by making them digitally literate. This would also aid the PC penetration program and DIGITAL INDIA programme.

DURATION:

100 Hours. (Theory: 60 hrs + Practical: 40hrs.)

This course will be offered as 06 days course.

Each unit will be Imparted 7.5 hours of theory class and 5 hours of hands on practical class.

SYLLABUS OUTLINE:

Unit I: Knowing computer: What is Computer, Basic Applications of Computer; Components of Computer System, Central Processing Unit (CPU), VDU, Keyboard and Mouse, Other input/output Devices, Computer Memory, Concepts of Hardware and Software; Concept of Computing, Data and Information; Applications of IECT; Connecting keyboard, mouse, monitor and printer to CPU and checking power supply.

Unit II: Operating Computer using GUI Based Operating System: What is an Operating System; Basics of Popular Operating Systems; The User Interface, Using Mouse; Using right Button of the Mouse and Moving Icons on the screen, Use of Common Icons, Status Bar, Using Menu and Menu-selection, Running an Application, Viewing of File, Folders and Directories, Creating and Renaming of files and folders, Opening and closing of different Windows; Using help; Creating Short cuts, Basics of O.S Setup; Common utilities.

Unit III: Understanding Word Processing: Word Processing Basics; Opening and Closing of documents; Text creation and Manipulation; Formatting of text; Table handling; Spell check, language setting and thesaurus; Printing of word document.

Unit IV: Using Spread Sheet: Basics of Spreadsheet; Manipulation of cells; Formulas and Functions; Editing of Spread Sheet, printing of Spread Sheet.

Unit V: Introduction to Internet, WWW and Web Browsers: Basic of Computer networks; LAN, WAN; Concept of Internet; Applications of Internet; connecting to internet; What is ISP; Knowing the Internet; Basics of internet connectivity related troubleshooting, World Wide Web; Web Browsing softwares, Search Engines; Understanding URL; Domain name; IP Address; Using e-governance website

Unit VI: Communications and collaboration: Basics of electronic mail; Getting an email account; Sending and receiving emails; Accessing sent emails; Using Emails; Document collaboration; Instant Messaging; Netiquettes.

Unit VII: Making Small Presentation: Basics of presentation software; Creating Presentation; Preparation and Presentation of Slides; Slide Show; Taking printouts of presentation / handouts.

Unit VIII: Basic Knowledge of Cyber Crimes and Laws: What is virus, what is hacking, cyber laws and crimes, safeguarding the account, how to safely use debit and credit cards.

Evaluation: Any course will be only futile if we can evaluate how much the students have learned from it. For this after the completion of the course the students will be evaluated by asking them to submit a **project, presentation and an objective** test will be conducted. The project and presentation will be of 25 marks each and the objective test will be of 50 marks. The student has to obtain minimum 50% marks to clear the certificate course. Certificates issued to successful candidates are as follows:

Grade A: 80% or more of total marks.

Grade B: 60% or more but less than 80% of total marks.

Grade C: 50% or more but less than 60% of total marks.

Less than 50% will be declared disqualified.

APPLICATION FORM FOR THE COURSE

NAME OF THE STUDENT:

FATHER'S NAME

MOTHER'S NAME:

NAME OF THE COURSE:

CLASS:

ADDRESS:

PHONE NO.:

होमिनालय के विज्ञान स्थापन द्वारा संचालित add on course
(Certificate Course in Computer) में चयनित छात्रों की सूची

क्र.	छात्र का नाम	पिता का नाम	पदवी
1.	स्नेहा वसोया	श्री सुन्दर सिंह	B.A.I
2.	ओमवती	श्री नन्द राम	"
3.	भूरी कुमारी	श्री जगदीश सिंह	"
4.	सुक्ता कश्यप	श्री ललित कुमार	B.Sc.I
5.	रुपांशु शिशोदिया	श्री अमिल क. शिशोदिया	"
6.	नेहा	श्री रिद्धपाल सिंह	"
7.	पूजा	" रतन सिंह	B.Com.I
8.	मोनिषा	" देवेंद्र सिंह	B.Com.I
9.	योगिता रानी	" देवेंद्र कुमार	"
10.	शिवानी	" धर्म सिंह	B.Com.II
11.	वन्दना शर्मा	" ओम प्रकाश शर्मा	"
12.	रजनी नागर	" जय प्रकाश नागर	B.Com.III
13.	आंचल नागर	" सुशील नागर	"
14.	भावना कसाना	" सुखवीर कसाना	B.A.II
15.	कल्पना	" जय लाल	"
16.	मोनी रानी	" लेख राज सिंह	"
17.	सन्ध्या	" हिराज सिंह	"
18.	आंचल शर्मा	" सजय शर्मा	B.Sc.II
19.	निधिता कसाना	" सुनील	"
20.	पिप्पा शर्मा	" विनोद शर्मा	"
21.	निधि	" रवि पुन	"
22.	सौरभ	" शिवकुमार	"
23.	पिप्पा नागर	" अजय नागर	"
24.	वर्षा नागर	" विजयपाल सिंह	"
25.	दीपल	" देवपाल नागर	"

Seen
11

दीप्यो कोटनल
(डा. प्रो. व. ग.)

To

The Principal

Km. Mayawati Government Girls P.G. College,
Badalpur,
Gautam Buddha Nagar, U. P.



Subject: Conducting Impact Evaluation for Medha program on campus

Dear Madam,

Medha has proposed to implement its employability development program on the campus of your esteemed institute in 2018-19.

Medha is committed to measuring the impact of the program. To this end, we have partnered with an international policy research organisation - Jamia Abdul Lateef Poverty Action Lab to conduct an impact evaluation of Medha's program on campus in the current academic year.

As part of the evaluation process, Medha would be offering the program to a select group of students, randomly selected from a bigger group of interested students. This would enable us to measure the impact of the program, over the years, on the ones who undergo the program, as opposed to the ones who don't.

The detailed impact evaluation report, once completed, will be duly shared with the college.

We write to seek your permission to conduct this evaluation on the campus.

Yours sincerely,

Swati Goyal on behalf of Swati

Swati Goyal

Head Operations

Date: 29/10/18

Place: Lucknow

Medha Learning Foundation
Incorporated under Section 25 of the Companies Act, 1956 (No. 1 of 1956)
registered under Section 12AA, 80G; FCRA:136550484
CIN: U80904UP2011NPL045664
Registered Office:
407 Dr. Baijnath Road, New Hyderabad | Lucknow - 226007, UP, India
... 5774N44932 | e: info@medhalearning.org | w: medha.org.in

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ENT ANNOUNCEMENTS

Vacancy Announcement



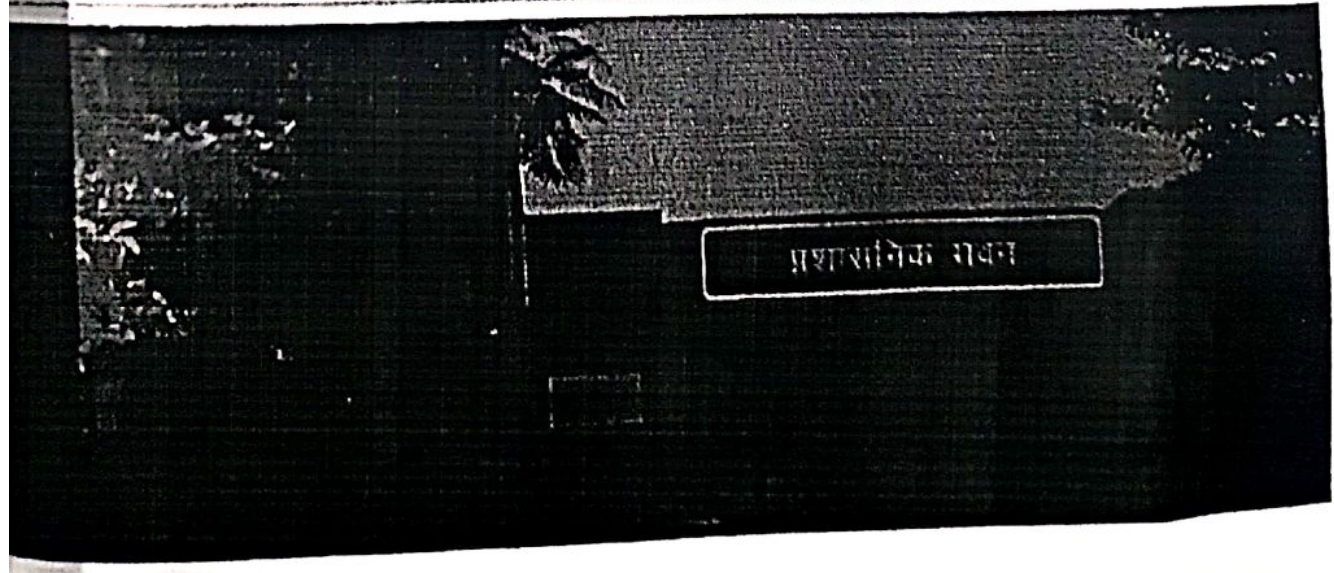
Aeronautics,
and Dr.

Campus placement for Air Hostess/ cabin crew by
Indira Gandhi Institute of Aeronautics, Delhi in kni,
Mayawati Government Girls P.G. college, Badalpur
Two rounds- Campus placement 25th October •
Round 1 - at college at 12.30 PM on 25th October
(Shortlisted girl's go for round 2) • Round 2 - at IGNA
on 31st October 9.30AM Requirement: • Resume and
2 passport size photo • Girls need to be in smart
formals • Age- 18 to 27 Years • Minimum

badalpur.org/index.php

कु० मायावती राजकीय महिला स्नातकोत्तर महाविद्यालय, बादलपुर - गौतमबुद्ध नगर (उ० प्र०)
Km. Mayawati Government Girls P.G. College, Badalpur - Gautam Buddha Nagar (U.P.)
College recognized under section 2 (i) & 12 (b) of UGC

✍ Campus Placement for Air Hostess- 25 Oct 18 -12.30 AM, Contact- Dr. Asha Rani and Dr. Shrip f



दिनांक-23/10/18

महाविद्यालय के समस्त प्राध्यापकों से
है छात्रों के कक्षाओं में अवगत करें।

केन्द्रीय काउन्सिलिंग एवं रोजगार प्रकीर्ण

अति आवश्यक सूचना
कैम्पस प्लेसमेंट

दिनांक:

महाविद्यालय की समस्त B.A. / B.Sc. / B.Com. /
MA. / B.Ed. की छात्रों को सूचित किया
जाता है कि महाविद्यालय में ICNA, New Delhi
द्वारा Air hostess / Cabin Attendant हेतु कैम्पस
प्लेसमेंट का आयोजन 25.10.18 को 11:30 AM

किया जाएगा। यह प्लेसमेंट दो चरणों में सम्पन्न
होगा। प्रथम चरण में अर्ह छात्रों 11:30 बजे Small

Room में साक्षात्कार हेतु उपस्थित होंगी। दूसरे चरण
में, चुनी गई छात्रों को साक्षात्कार हेतु 31st Oct '18
समय 9:30 AM, ICNA, New Delhi में उपस्थित होना
होगा।

आवेदन - पत्र भरने की न्यूनतम अर्हता निम्न है:

- 1) 10+2 उत्तीर्ण
- 2) हिन्दी और अंग्रेजी में स्पष्ट बातचीत करने की क्षमता
- 3) छात्र का कद (155cm) 5' 2"

इच्छुक छात्रों, आवेदन-पत्र श्रीमती शिल्पी-अक्षिजे

(गृहविज्ञान) से प्राप्त करके तत्काल जमा करें।

आवेदन पत्र प्राप्त करने की अन्तिम तिथि - 23.10.18 एवं

जमा करने की अन्तिम तिथि 24.10.18 तक है।

Career Advancement Bootcamp (CAB)

Medha's core program consists of 30 hours of in and out of class activities, bundled into a 15-30 day bootcamp (CAB), covering sessions on career preparation, industry exposure and leadership development. The outline of the CAB is as follows (not in sequential order):

<i>Activity</i>	<i>Duration (Hours)</i>	<i>Description</i>
Career Preparation (12 hours)		
Resume Preparation	2	Guided session on building a strong Resume
Mock Interviews	4	Series of mock interviews with feedback
Group Discussion	3	Discussion in groups on contemporary topics
Personality Tests	1	Tests to provide personal insight and aptitude
SWOT	2	Guided sessions on discovering strengths and weaknesses, opportunities and threats
Industry Exposure (6 hours)		
Industry Talk	1	Insights on industry, function and job role
Workplace Etiquette/Grooming	3	Role plays to learn workplace etiquette
Internship Orientation	2	Internship projects and assignment overview
Professional Skills (12 hours)		
Public Speaking	4	Series of activities, extempore and impromptu
Group Presentation	2	Guided session on presentations in group
Teamwork	2	Series of team activities that promote cooperation
Time Management	1	Prioritizing tasks through a framework
Conflict Management	1	Ability to identify conflicts and resolution strategies
Ice breaking & Reflection	2	Setting expectations and Introspection on learning

Internship/On-the-job training (Optional)

The students who complete the CAB, are eligible to opt for a structured project work/assignment at an employer location. The on-the-job training could be 100 – 200 hours duration depending upon the nature of industry, organization and the project. The students undergoing internships meet at a Mid-point Review for experience sharing and reflection, and finally at an End-point Evaluation for final presentations and certification/offers from the employers.

Tentative Career Advancement Bootcamp (CAB) Calendar

CAB consists of structured sessions for a total of 30 hours, which has to be completed in a maximum of 30 days (one hour session per day). If the sessions are of two hours duration per day, the CAB would be complete in 15 days. The following is a tentative schedule of a CAB calendar assuming one hour session per day (in sequential order):

Day/s	Topic	Hours	Activities
1	Introduction	1	What is Medha? Icebreaking Exercise
2-3	Public Speaking – I, II	2	Self-Introduction Dos and Don'ts Pick the Talk (Impromptu)
4-5	SWOT	2	Strength and Weakness (Introspection) Goal Setting and Identification of opportunities and threats
6-7	Mock Interviews – I, II	2	Students interview each other using a script
8-10	Workplace Etiquette/Grooming	3	Role-play Teams of students discuss case studies Group discussion on elements of grooming
11	Teamwork – I	1	Paper Bridge
12	Time Management	1	Completion of Eisenhower matrix Effective To Do List
13	Multiple Intelligences	1	Students fill questionnaire and discuss outcome
14	Internship Orientation – I	1	Identifying interest are and potential opportunities

15	Industry Talk	1	Pre-requisite research and discussion Delivery by external speaker Questions and answer session
16-17	Public Speaking – III, IV	2	For or Against -Topics provided (Extempore) Body-language for Public Speaking Reading out loud (Dialogue <i>maaro</i>)
18-19	Group Presentation	2	Teams of students prepare presentations on an industry/company of their choice Students deliver presentation with use of aides.
20	Teamwork – II	1	The Mummy!
21-22	Group Discussion - I	2	Groups of student discuss single topic Group leader shares outcome of discussion A controlled debate may follow
23-24	Resume Writing	2	Dos and Don'ts Critical Analysis of Sample Resume Writing a resume/correcting existing copy
25	Group Discussion – II	1	GDs on abstract objects, imagery, ideas
26	Conflict Management	1	Framework based reflection
27-28	Mock Interviews – III, IV	2	Plenary Style Group Interviews Plenary Style Individual Interview External Interviewer
29	Internship Orientation - II	1	Discussion on the Internship process Dos and Don'ts
30	Reflection	1	Recap Feedback

	Envelope		Students Name	Class
	no.			
Seleceted Students for Medha Batch				
		1	Prachi	MA- 1st
		3	Radha Kumari	BA- 3rd
		4	Nidhi Nagar	B.Com-3rd
		5	Akanksha Nagar	BA- 2nd
		6	Arushi Nagar	B.Com-3rd
		7	Alka Pachori	BA- 3rd
		9	Aaysha Khan	B.Com-3rd
		10	Sundri	MA- 1st
		12	Manisha Rai	BA- 3rd
		13	KM Jyoti	MA- 1st
		14	Kajal	BA- 2nd
		15	Nainshi	MA- 1st
		18	Pratibha Tripathi	MA 2nd
		21	Heena	B. Com 3rd
		22	Deepali Goel	B.Com 3rd
		23	Rinki	B.Com 3rd
		25	Kalyani Nagar	BA- 2nd
		26	Annapurna	BA- 2nd
		28	Shivani Raghav	B.Com 3rd
		29	Shivani Gupta	MA- 2nd
		31	Soniya	MA- 2nd
		32	Sonam	BA- 2nd
		34	Swati Rani	MA- 2nd
		36	Nisha Singh	B.Com-2nd
		37	Sapna Nagar	BA-3rd
		40	Kajal Nagar	B.Com-3rd
		41	Neha Sharma	B.Com 2nd
		42	Shivani	B.Com 3rd
		43	Jyoti Sharma	MA- 2nd
		44	poonam	MA-2nd
		45	Surabhi Dwivedi	MA- 2nd
		47	Sonam	B.Com 3rd
		48	Shweta	B.Com 3rd
		49	KM Sushma	BA- 2nd
		50	Khushboo Singh	BA- 3rd

Envelope

No.

Students Name

<i>These Students are Comparis on Group</i>		
	2	Anamika Jha
	8	Parul Sharma
	11	Komal Giri
	16	Sweta
	17	Shikha Singh
	19	Nasareen
	20	Bulbul Goyal
	24	Archana Rani
	27	Jyoti
	30	Rinki Rajput
	33	Poonam Pal
	35	Sangeeta Saini
	38	Manju
	39	Kajol Garg
	46	Aanchal Baisoya

S.No.	Name
1	Prachi
2	Radha Kumari
3	Nidhi Nagar
4	Akanksha Nagar
5	Arushi Nagar
6	Alka Pachori
7	Aaysha Khan
8	Sundri
9	Manisha Rai
10	Kajal Nagar
11	Kajal
12	Nisha Singh
13	Sapna Nagar
14	Sonam
15	Sonam
16	Shweta
17	Khushboo Singh
18	KM Sushma
19	Surabhi Dwivedi
20	poonam
21	Shivani
22	Neha Sharma
23	Pratibha Tripathi
24	Heena
25	Deepali Goel
26	Kalyani Nagar
27	Annapurna
28	Shivani Raghav
29	Rinki
30	Shivani Gupta
31	KM Jyoti
32	Jyoti Sharma
33	Swati Rani
34	Soniya
35	Nainshi

- 1 Manju
- 2 Jyoti
- 3 Komal Giri
- 4 Parul Sharma
- 5 Anamika Jha
- 6 Shikha Singh
- 7 Sweta

- 8 Nasareen
- 9 Bulbul Goyal
- 10 Rinki Rajput
- 11 Aanchal Baisoya
- 12 Kajol Garg
- 13 Sangeeta Saini
- 14 Poonam Pal
- 15 Archana Rani

- 1 Kanishka Bati
- 2 Bhawna
- 3 KM Preeti
- 4 Sonam
- 5 Madhu Chabda
- 6 Kajal Bati
- 7 Anchal
- 8 KM Khushbu
- 9 Diksha Upadhyay

ected and didn't Include in lucky draw fo

- 1 Kalpna
- 2 KM Varsha
- 3 Monika
- 4 Abha
- 5 KM Lalita

Class	Baseline		
	Y/N	PayTM no.	Mobile no.
MA- 1st	Y	0	7838235822
BA- 3rd	Y	0	9458857519
B.Com-3rd	Y	0	9958182636
BA- 2nd	Y	0	8800858614
B.Com-3rd	Y	0	8130641592
BA- 3rd	Y	0	8800320828
B.Com-3rd	Y	0	8512856394
MA- 1st	Y	0	8587001324
BA- 3rd	Y	0	9911879228
B.Com-3rd	Y	0	9971290043
BA- 2nd	Y	0	9313994104
B.Com-2nd	Y	0	9773608303
BA-3rd	Y	0	8447961616
B.Com 3rd	Y	9810483005	9810483005
BA- 2nd	Y	0	8745050322
B.Com 3rd	Y	0	8595436323
BA- 3rd	Y	0	8755460199
BA- 2nd	Y	0	9958386412
MA- 2nd	Y	9958024619	9958024619
MA-2nd	Y	9953577727	7827657445
B.Com 3rd	Y	0	9718649128
B.Com 2nd	Y	0	9821176168
MA 2nd	Y	0	8802722932
B. Com 3rd	Y	0	9311721958
B.Com 3rd	Y	0	9667697121
BA- 2nd	Y	0	9312447639
BA- 2nd	Y	0	7838178715
B.Com 3rd	Y	0	8467004674
B.Com 3rd	Y	0	8595481186
MA- 2nd	Y	0	8826239851
MA- 1st	Y	0	9540189050
MA- 2nd	Y	0	8447240083
MA- 2nd	Y	0	8826927694
MA- 2nd	Y	0	9027985336
MA- 1st	Y	0	9540866463

MA- 2nd	Y	0	9911615994
B.Com 2nd	Y	0	8851540919
MA- 1st	Y	0	7065151373
BA- 3rd	Y	0	7982499795
B.Com 3rd	Y	9312747297	9312747297
B.Com 3rd	Y	0	9643579838
MA- 1st	Y	0	9999141247

2nd	Y	8587984042	8585938790
Com 2nd	Y	0	8368229606
B.Com 2nd	Y	0	9958172922
BA- 2nd	Y	0	9313720354
B.Com 3rd	Y	9350770143	9350770143
MA- 2nd	Y	0	8510027314
B.Com- 3rd	Y	0	9958935842
MA- 1st	Y	8755635864	8586940477

MA- 1st
B.Com 2nd
BA- 3rd
BA- 2nd
MA- 1st
BA- 3rd
B.Com 2nd
MA- 2nd
MA- 1st

r J-Pal Research CAB Batch)

BA- 1st
BA- 1st
BA- 1st
B.Ed - 1st
B.Ed - 1st

भारतीय संस्कृति एवं राष्ट्र गौरव

अध्याय 1. गौरवशाली भारतीय संस्कृति-संस्कृति का अर्थ और परिभाषा, संस्कृति एवं सभ्यता में अन्तर भारतीय संस्कृति के प्रमुख तत्व एवं विशेषताएँ, भारत की भौगोलिक एवं प्राकृतिक विशिष्टता का संस्कृति पर प्रभाव-विभिन्नता में एकता। भारतीय संस्कृति का प्रसार-वृहत्तर भारत।

अध्याय 2. प्राचीन भारतीय सभ्यता एवं सामाजिक संरचना-संन्यव सभ्यता, द्रविड सभ्यता, वैदिक सभ्यता, सभ्यता के मूल-भूत तत्व, सामाजिक संरचना-वर्ण आश्रम, पुरुषार्थ-संस्कार, पारिवारिक व्यवस्था व पारिवारिक सम्बन्ध परिवार में पुरुष व नारी की स्थिति, नारी माहात्म्य।

अध्याय 3. भारतीय दर्शन के मूल आधार-दर्शन के मूल तत्व, अध्याय व दर्शन, भारतीय वाङ्मय-वेद आर वेदांग-संहिता, उपनिषद्, पुराण, रामायण, महाभारत, श्रमण साहित्य-बौद्ध व जैन साहित्य। भारतीय दर्शन के मूल सिद्धान्त-अद्वैतवाद, द्वैतवाद तथा विशिष्टद्वैतवाद। प्रमुख भारतीय दार्शनिक और चिन्तक।

अध्याय 4. प्राचीन भारत में विश्वविद्यालय-प्राचीन भारतीय शिक्षण पद्धति शिक्षा के उद्देश्य और विशेषताएँ गुरुकुल एवं मठ, शिक्षा के प्रमुख केन्द्र व विश्वविद्यालय-तक्षशिला, नालान्दा, काशी, उज्जैन आदि।

अध्याय 5. भारतीय कला एवं वस्तुशास्त्र-भारतीय काल की प्राचीनता, विविध आयाम-स्थापत्य, मूर्ति एवं ललित कलायें, युगयुगीन कलायें एवं कलाओं के प्रतिनिधि स्थल।

अध्याय 6. प्राचीन भारत में राजनीतिक व्यवस्था-लोकतन्त्र-वैदिक काल, उत्तरवैदिक काल। राजतन्त्र-(निरकुंश राज तन्त्र व्यवस्था का निषेध)।

गणतन्त्र-निर्वाचित राज्याध्यक्ष।

कुलीनता एवं कौटिल्य के सप्तांग सिद्धान्त।

अध्याय 7. भारतीय गणित-संसार को सबसे बड़ी देन।

अध्याय 8. प्राचीन भारत में विज्ञान-प्राचीन भारत में भौतिक विज्ञान, रसायन विज्ञान, जीव विज्ञान, कृषि विज्ञान एवं उन्नत धातु विज्ञान का स्वरूप।

अध्याय 9. भारतीय चिकित्सा विज्ञान-आयुर्वेद एवं योग।

अध्याय 10. भारतीय खगोल विज्ञान-सौर मण्डल, नक्षत्र गणना, 12 राशियाँ, चन्द्रग्रहण, सूर्य ग्रहण, प्रमुख खगोलशास्त्रीय।

QUALIFYING COURSE

I. ENVIRONMENTAL STUDIES

Unit I: The Multidisciplinary Nature of Environmental studies : (2 lectures)
Definition, Scope and importance, Need for public awareness.

Unit II: Nature Resources : (8 lectures)

Renewable and non-renewable resources : Natural resources and associated problems.

- (a) Forest resources : Use and over exploitation, deforestation, case studies, Timber extraction, mining, dams and their effects on forests and tribale people.

- (b) Water resources : Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.
- (c) Mineral resources : Use and exploitation environmental effects of extracting and using mineral resources, case studies.
- (d) Flood resources : World flood problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer, pesticide, problems : water logging, salinity, case studies.
- (e) Energy resources : Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources, case studies.
- (f) Land resources : Land as a resource, land degradation, man induced landslides, soil erosion and desertification.

Role of an individual in conservation of natural resources.

Equitable use of resources for sustainable life styles.

Unit III : Ecosystems : (6 lectures)

Concepts of an ecosystem. Structure and function of an ecosystem. Producers, consumer and decomposers. Energy flow in the ecosystem. Ecological succession. Food chains, food webs and ecological pyramids.

Introduction types, characteristic features, structure and function of the following ecosystem :

- (a) Forest ecosystem, (b) Grassland ecosystem, (c) Desert ecosystem, (d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries.)

Unit IV: Biodiversity and Its Conservation :

Introduction Definition : Gene, species and ecosystem diversity. Biogeographical classification of India. Value of biodiversity: Consumptive use, productive use, social, ethical aesthetic and option values. Biodiversity at global, National and local levels. India as a mega-diversity nation. Hot-spots of biodiversity. Threats to biodiversity : habitat loss, poaching of wildlife, man-wildlife conflicts. Endangered and endemic species of India. Conservation of biodiversity : In situ and ex-situ conservation of biodiversity.

Unit V : Environmental Pollution : (8 lectures)

Definition, Causes, effects and control measures of : (a) Air pollution, (b) Water pollution, (c) Soil pollution, (d) Marine pollution, (e) Noise pollution, (f) Thermal pollution, (g) Nuclear hazards.

Solid Waste Management : Causes, effects and control measures of urban and industrial wastes. Role of an individual in prevention of pollution. Pollution case studies. Disaster management : floods, earth-quake, cyclone and landslides.

Unit VI : Social Issues and the Environment : (7 lectures)

From Unsustainable to Sustainable development. Urban problems, related to energy, Water conservation, rain water harvesting, watershed management. Resettlement and rehabilitation of people : its problems and concerns. Case studies. Environmental ethics : Issues and possible solutions. Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocausts, Case studies, Wasteland reclamation, Consumerism and waste products, Environment Protection Act, Air (Prevention and control of Pollution) Act, Water (Prevention and Control of Pollution) Act, Wildlife Protection Act, Forest Conservation Act. Issues involved in enforcement of environmental legislation. Public awareness.

Unit VII : Human Population and the Environment : (6 lectures)

Population growth, variation among nations. Population explosion : Family Welfare Programme. Environment and human health. Human Rights. Value

Education, HIV/AIDS, Women and Child Welfare, Role of Information Technology in Environment and human health, Case studies.

Unit VIII : Field Work : (15 lectures)

Visit to a local area to document environmental : river/forest/grassland /hill mountain.

Visit to a Local Polluted Site : Urban/Rural/Industrial/Agriculture.

Study of Common Plants, Insects, birds.

Study of Simple Ecosystems : Pond/river/hill/slopes, etc.

II. SPORTS & PHYSICAL EDUCATION

Unit I : Education and Physical Education :
Meaning and Definition of Education and Physical Education, Aims and Objectives, Scope of Physical Education, Need and Importance of Physical Education.

Unit II : Health Education and Nutrition :
Meaning, Definition and Dimensions of Health, Meaning, Definition, Objectives and Principles of Health Education, Balanced Diet, its Elements and Sources, Mal-nutrition and Adulteration.

Unit III : Biological Basis of Physical Education :
Meaning of Growth and Development, Factors affecting Growth and Development Heredity and Environment, Effect of Heredity and Environment of Growth and Development.

Unit IV : Psychological Basis of Physical Education :
Meaning and Definition of Psychology, Meaning and Definition of Personality, Psychological Factors affecting Physical Performance.

Unit V : Olympic Games, Asian Games, Afro-Asian Games and Commonwealth Games : Ancient Olympic Games, Modern Olympic Games, Afro-Asian Games, Commonwealth Games.

PRACTICAL

Maximum Marks : 50

1. Historical Development of The Games/Sports—Indian Asia, World.
2. Governing Body of the Games/Sports—At Distt., State, National, International Level.
3. Facility of the Games/Sports—Measurements of the Field/Court, Preparation of the Field/Court, Maintenance of the Field/Court.
4. Basic Qualities of the Athlete.

नोट— पाठ्यक्रम बहुत ही सावधानी से प्रकाशित किया गया है। फिर भी किसी त्रुटि के लिए प्रकाशक, मुद्रक, विक्रेता उत्तरदायी नहीं है। कृपया विरवविद्यालय द्वारा प्रकाशित पाठ्यक्रम से अवश्य चेक कर लें।

15-7-2012