

Letter no: 317/DBT-STAR COLLEGE SCHEME/ BVC/CHEM/ R/ CERTIFICATE COURSE

Date: 11/01/2020

To
Principal
Bhavan's Vivekananda College
Sainikpuri
Secunderabad

Sub: Approval for value added certificate course under DBT-STAR COLLEGE SCHEME

Department of Chemistry would like to conduct a value added certificate course on packaging for 31 students under DBT -Star College scheme. The details regarding the value added certificate course are enclosed. We seek your permission and approval for utilisation of the grant under recurring Head.

Amount spent towards Registration fee: Rs.2000/- + 18% GST, per student

Total number of Students: 31

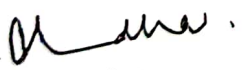
Name of the organisation conducting the course: Indian Institute of Packaging, Hyderabad

Total amount (inclusive of GST): Rs.73,160/-

Through



Dr. Madhumita Bhattacharjee
Head, Department of Chemistry



(Dr. K. Anuradha)
Co-ordinator,
DBT star college scheme

Permitted



19/1



**BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE, HUMANITIES AND
COMMERCE, SAINIKPURI, SECUNDERABAD.
Autonomous College
Affiliated to OSMANIA UNIVERSITY, Hyderabad.
(Accredited with 'A' grade by NAAC)**

RE: value added course, 2-days certificate course

From: Joint Director - IIP Hyderabad (iiphycd@iip-in.com)

To: mita_1963@yahoo.com

Cc: sghosh@iictres.in

Date: Sunday, 8 December, 2019, 07:30 pm IST

Dear Dr. Madhumita,

With reference to our discussion held about the training and considering your request, we are proposing the following:

1. For providing training to the students at IIP premises, the fee shall be Rs.2,000/- per student per day.
2. For providing training to the teachers / faculty members at IIP premises, the training fee shall be Rs.5,000/- per member per day.
3. For taking lecture at your college, the fee shall be Rs.3,000/- per session.

The schedule of taking lecture sessions at your college may be prepared in consultation with Dr. Sutapa Ghosh, Principal Scientist, IICT.

Kindly confirm so as to proceed further.

Thanks & Regards,

Dr. Gaurav Madhu

Joint Director & Regional Head

Indian Institute of Packaging

Lux-3, Industrial Estate, Sanath Nagar

Hyderabad 500 018, Telangana

Tel : +91-40-2370-7148 (Direct)

+91-40-2381-4321 (Extn. 102)



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Report

Value added course With Indian Institution Of Packaging, Hyderabad.

The final year life science students of Bhavan's Vivekananda College, attended a certificate course on concepts of packaging at Indian Institute of Packaging, Hyderabad, on 7th Feb, 2020. In total 31 students and 1 faculty attended this course.

A Part of the course was held at Indian Institute of Packaging and rest of it was handled by the department of Chemistry, BVC. The total duration of the course is 32 hrs.

This course is funded by DBT Star College Scheme.

Dr. Madhumita Bhattacharjee



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INDIAN INSTITUTION OF PACKAGING Hyderabad

S.No	NAME OF THE STUDENT
1	Anjani Bitavaram
2	Harshavardhini Canchi Sistla
3	A. Prajwala
4	Prasoon Pyarasani
5	Snigdha Sree Prathipata
6	Monica Septa
7	Pooja Gummadi
8	Sandhya Kumari
9	Smrity Sharma
10	Tejasweni Chand
11	Yogitha Shukla
12	Vaishnavi Gorthi
13	Mohammed Qudrathulla Khan
14	V.Ashwini
15	R.Anjali
16	Tanushree Sharma
17	Tejo Rajitha Ramalakshmi
18	Karunya Rajaram
19	Simphi Singh
20	Ketana Guntupelli
21	Mudigonda Harini
22	Gummadi Sushma
23	Janaki Sai Priyanka Bikkavolu
24	Pranay Kumar Mukka
25	M. Manasa
26	Vinay Prakash Jallakam
27	Pooja Swain
28	Oshin Suresh
29	Joyita Sadhukhan
30	Harathi Mala Rasapally
31	Meshak Suraj Kumar Yerrabelli

M. Manasa



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SYLLABUS FOR PACKAGING

1. Review of basics of Physical, Inorganic, Organic & Analytical Chemistry **3h**
2. Review of basic concepts of Colours & Shapes **2h**
3. Introduction to Global & Indian Packaging Industry Scenario **3h**
4. Fundamentals of Packaging Materials Science & Technology, Polymerization **6h**
5. I: Detailed study of Traditional Materials of Packaging: Paper & Paper-based, Glass, Metals, Jute, Cellulose & Wood-based materials. 8. Composite & Ancillary Materials: Labels, Tags, Caps, Closures, Reinforcements, Strapping, Tapes, Holograms, Cushioning theory and Materials, Package forms & Shapes Module
II: Plastics as Packaging Material . **6h**
6. Bio-degradable packaging **5h**
7. On hand training at IIP, Hyderabad **5h**



Bharatiya Vidya
Bhavan

(Founded in 1938 by Kulapati Dr. K.M. Munshi)

BHAVAN'S VIVEKANANDA COLLEGE
of Science, Humanities & Commerce

Estd - 1993 - AFFILIATED TO OSMANIA UNIVERSITY
AUTONOMOUS COLLEGE

SAINIKPURI, SECUNDERABAD - 500 094. Ph : 27111611, 27115878

Date :

BVC/Genetics Counsel/2019-20

2nd April, 2019

To
The Director
Institute of Genetics & Hospital
For Genetic Diseases
Ameerpet, Greenlands Road,
Near Lal Bunglow,
Osmania University,
Begumpet,
Hyderabad-500 016.

Dear Sir/Madam,

Sub : Request for Practical Training Programme at IOG.

As per the Letter of Understanding between IOG and our Institute dated 24.01.2017, we would like to send our B.Sc Life Sciences students for practical training to your Institute for a period of four weeks from 22nd April to 18th May 2019. Our students who completed the training last year, found the internship program very informative and it also helped in enhancing their practical skills.

As agreed upon, the amount to be paid for the training program is Rs.3,000/- per student. We would be thankful if you would oblige us for the same.

Thanking you,

Yours sincerely

Prof. Y Ashok
PRINCIPAL
(Dr. Y. ASHOK)
PRINCIPAL
Bhavan's Vivekananda College of Science
Humanities & Commerce
Sainikpuri, R.R. (Dist.)

Report on Internship Program- IOG 2019

A four week training programme was conducted for the second Year Undergraduate students at Institute of **Genetics and Hospital for Genetic Diseases, Begumpet** from 22nd April 2019 to 18th May 2019. A group of 17 students attended the training programme. The students were grouped into four teams with each team comprising of 3 students. They were allotted different labs for a week. Each team was then allotted the next labs in turns thereafter. There were five divisions namely **Clinical Genetics, Clinical Biochemistry, Toxicology, Molecular Biology and Cytogenetics**.

In the **Clinical Biochemistry** division, the students were briefed on the importance of biochemical investigations on the role of their significance and relevance to Genetic Disease. **Thyroid profiling, Lipid Profiling, Glucose profiling, and Liver Profiling** were done by the students on the samples provided by the patients visiting the Hospital. After performing the experiments the students were also trained on the analysis of the results obtained. The students also could relate the results to the clinical significance in terms of predisposition to genetic disorders.

As part of the new born screening tests, the **Wilson test Profiling**, comprising of estimating the levels of **Serum Ceruloplasmin, Serum Copper and Urine copper**. Students were instructed on the usage of **Automated HPLC** for the detection of Autosomal recessive disorders like **Sickel cell anemia** and **Thalessemia**.

In the **Molecular Biology Division** , students performed **Polyacrylamide and Agarose Gel electrophoresis**. They also had the opportunity to Visualize the **Thermocycler, Gel documentation Unit**. They learnt the different methods of DNA extraction.

At the **Clinical Genetics Division**, the students were taught the concept of **Probability, Risk Calculation, Significance of pedigrees** and the different **Prenatal Diagnostic techniques** for the purpose of **Genetic Counselling** to the patients who had a positive family history.

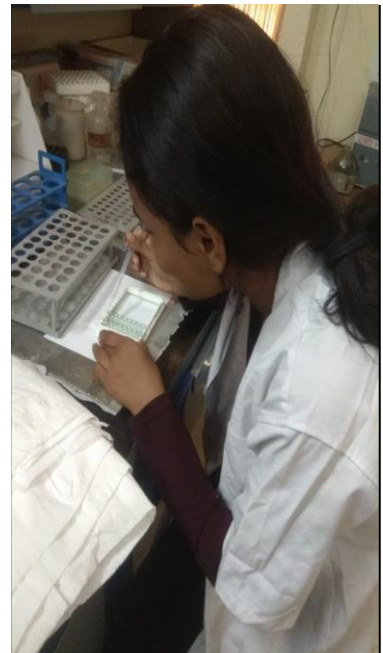
In the **Toxicology Division**, the students performed **Comet Assay** experiment, which is a tool to measure the amount of mutagenicity due to the exposure to different chemical mutagens.

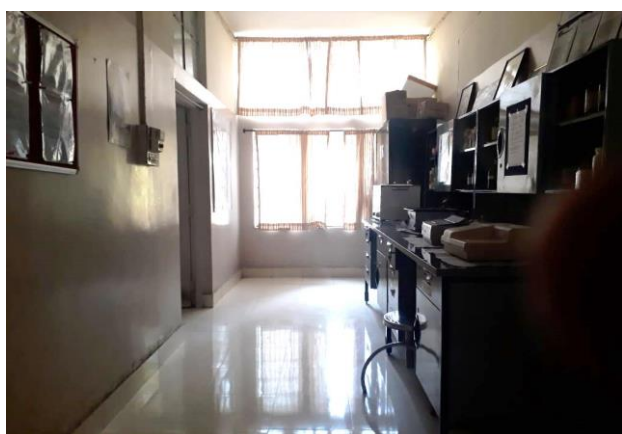
In **Cytogenetics Division**, the students had the liberty to use the **Laminar air Flow chamber** for culturing the Lymphocytes. These cultures were further used for the purpose **Karyotyping** which is an essential tool in the detection of **Chromosomal abnormalities**. The students were delighted to See the **Fluorescent In situ Hybridization** images of human chromosomes.

The students had the opportunity to listen to a lecture on "DNA Microarrays" which was delivered by a Research Scientist at Asian Institute of Gastroenterology, Dr Ravikanth.

At the end of the training in each of the division, they were analysed through interaction with the doctors, scholars and the faculty regularly. The training program was very

informative and knowledge gaining. The students found the internship program apt for their curriculum.





List of students Enrolled for Summer Training Program

Institute of Genetics, Begumpet – 2019

S. No	Roll No	Name	Class
1	107217459001	V Ashwini	MiGC II Year
2	17459002	G Sushma	MiGC II Year
3	17459006	Harathi mala	MiGC II Year
4	17459007	M Harini	MiGC II Year
5	17459012	M Manasa	MiGC II Year
6	17459025	Tanushree	MiGC II Year
7	17459026	Tejo Rajitha	MiGC II Year
8	17459027	Anjali	MiGC II Year
9	17459030	Angelina Kadam	MiGC II Year
10	17459031	Karunya rajaram	MiGC II Year
11	17459034	Nitish Nadan	MiGC II Year
12	17573006	C S Harshavardhani	BtGC II Year
13	17573011	A Prajwala	BtGC II Year
14	17573031	Qudrathullah Khan	BtGC II Year
15	17573040	Tejaswini Chand	BtGC II Year
16	17471035	Meghana Prakash	MBiC II Year
17	17471038	Pawan	MBiC II Year

Date: 18-5-2019

CERTIFICATE OF TRAINING

This is to certify that Ms. A.Prajwala has participated in practical training program on Diagnosis & Management of Genetic Diseases from 22-4-2019 to 18-5-2019 at the Institute of Genetics and Hospital for Genetic Diseases Osmania University, Begumpet, Hyderabad.

A. Venkateshwar

DIRECTOR
DIRECTOR
Institute of Genetics &
Hospital for Genetic Diseases
Osmania University
Begumpet, Hyderabad - 16.



Date: 18-5-2019

CERTIFICATE OF TRAINING

This is to certify that Mr. Nitish Nandan has participated in practical training program on Diagnosis & Management of Genetic Diseases from 22-4-2019 to 18-5-2019 at the Institute of Genetics and Hospital for Genetic Diseases Osmania University, Begumpet, Hyderabad.

A. Venkateshwar

DIRECTOR

DIRECTOR
Institute of Genetics &
Hospital for Genetic Diseases
Osmania University
Begumpet, Hyderabad - 16.

Department of Biochemistry
Academic year 2019-20
Value added course
In collaboration with Institute of Genetics, Hyderabad
under DBT-Star College Scheme
25th to 29th November-2019

Syllabus:

Duration:30hrs

1. Introduction to pre-natal and post-natal diagnostic techniques.
2. Newborn screening for genetic disorders.
3. Cytogenetics and Karyotyping.
4. Introduction to FISH and Micro-array techniques.
5. Genetic counselling- Measures, necessity and implementation.
6. Isolation of DNA from human blood sample and separation of extracted DNA by Agarose Gel Electrophoresis.
7. Amplification of DNA by polymerase chain reaction (PCR).
8. Overview of applications of PCR (PCR-RFLP, Microsatellite repeats, SSCP, Allele-specific PCR, ARMS PCR).
9. Quantitation of serum ceruloplasmin levels by ELISA.
10. Quantitation of serum TSH, 17-OH Progesterone levels.
11. Estimation of urine copper levels.
12. Applications of HPLC in diagnosing Haemoglobinopathies.

COURSE OUTCOMES:

At the end of the course students will be able to

1. Understand various chromosomal abnormalities through various cytogenetic methods and related genetic disorders.
2. Relate various biochemical tests and their results in diagnosis of various genetic diseases and appreciate the importance of genetic counselling.



Dr A Sai Padma

Head, Department of Biochemistry

Permission to start value added course on "LINUX ADMINISTRATION"
For M.Sc. (CS) IV Semester students

Date: 10-12-2019

To

The Principal,
Bhavan's Vivekananda College,
Sainikpuri, Secunderabad.
Sir,

Subject: Permission to start a value-added course on Linux Administration for M.Sc. (CS) final semester students – Regarding.

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With reference to the discussion regarding the starting of a value-added course for M.Sc. (CS) IV Semester students as part of their career growth, we hereby enclose the details for your acceptance.

We had an introductory lecture by Mr. Rajesh D, GLS Learning and Development Instructor, Red Hat on 05-12-2019 to propose a value added course. He explained the benefits of doing the program, future prospects and job opportunities. It is recommended to introduce a value-added course to M.Sc. (CS) IV Semester students of 2019-20 batch. The schedule of the value added course is as follows:

Course Title: RED HAT LINUX ADMINISTRATION

Duration: 30 Hrs.

Fee: Rs. 1,200/- per student + 18%

No. of students: 40

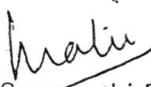
Total Amount: 40 Students @ Rs.1,200/- + 18 % GST = Rs.56,640/-

Date of classes: from 11-12-2019 to 30-12-2019 (Time: 12 Noon to 2.00 pm).

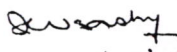
The amount payable can be incurred from the M.Sc. (CS) IV student's contingency fee.

Thanking you sir.

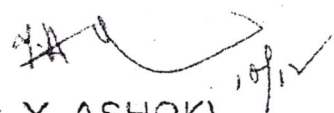
Yours faithfully,


(KVB Saraswathi Devi)
HOD, Dept. of Computer Science, BVC.

Approved.


10/12/2019

Permitted


(Dr. Y. ASHOK)
PRINCIPAL

Bhavan's Vivekananda College of Science
Humanities & Commerce
Sainikpuri, F.R. (Dist.)

Bhavan's Vivekananda College

Department of Computer Science

Report on "RedHat Linux Administration"

Value Added Course for M.Sc.(CS) IV Semester Students

To provide the placement support to M.Sc.(CS) students along with technical knowledge, the department of computer science arranged a value added course on "RedHat Linux Administration" to M.Sc.(CS) IV Semester students. The session details are as follows:

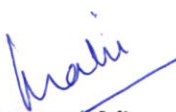
Program Title: RedHat Linux Administration

Conducted by: M/s Amrita Technologies

Duration of the program: 46 Hrs from 11/12/2019 to 10/1/2020

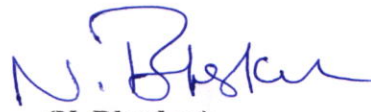
No. of students attended : 40

The session was more useful to students in knowledge acquisition and placement support. It provided a platform to know the administration tips and certification procedure for higher learning in Linux Administration.



(KVB Saraswathi)

Head, Dept. of CS, BVC



(N. Bhaskar)

Co-ordinator, M.Sc.(CS) Program, BVC

RHA Account Set Up information

To set up the Academy, please complete the form:

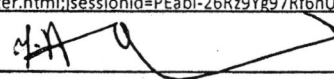
College/University Name:	Bhavan's Vivekananda College
Address: (Including City / State / Pin Code)	Bhavan's Vivekananda College, Defence Colony, Sainikpuri, Secunderabad - 094
Authorised Person Name: (Principal/Registrar/VC)	Prof. Y. Ashok
Authorised Person Email: (Provide Official Email Id)	principal@bhavansvc.ac.in
Authorised Person Contact No: (Direct Landline Number)	040-27115878, Ext: 218
Authorised Person Mobile No: (Provide Mobile Number)	9347983943
Authorised Person Designation:	Principal
Website URL of the Institution:	WWW.bhavansvc.ac.in
Number of students you plan to teach each year:	41

Required a Single point of Contact to manage the Academy Program at the Institution, who will have the access to the FREE HTML content and coordinate with the Red Hat Officials.

Academy Manager Name:	N. Bhaskar
Academy Manager Designation:	Lecturer
Manager Email Id: (Provide Official Email Id)	bvclinux@gmail.com
Manager Contact No: (Direct Landline Number)	040-2711611 Ext: 218 - 27115878
Manager Mobile No:	9347983943
Red Hat Customer Access ID: (Provide the Red Hat ID,....)	bvclinux@gmail.com
Partner Name: (Provide the name of the Red Hat Partner)	Amrita Technologies, Secunderabad -026

It is important that the Red Hat Manager's Customer Access ID is the ID that is set up at

<https://www.redhat.com/wapps/ugc/register.html?sessionid=PEabl-26Rz9Yg97Rf6nUFWmb.6a751b80?flowId=register-flow&flowExecutionKey=e1s1>

Authorised Person Signature: 

Dated: 15-11-19

(Dr. Y. ASHOK)
PRINCIPAL

Institution Seal:

Location: Sainikpuri Bhavan's Vivekananda College of Science
Humanities & Commerce
Sainikpuri, R.R. (Dist.)



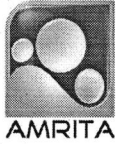


Amrita Technologies

Red Hat Training Invoice (RH124, RH134)

Sl. no.	Student Name	Class
1	ALLE REBEKA	M.SC(CS) IV SEM
2	ALLADI ANUSHREE YADAV	M.SC(CS) IV SEM
3	AMBARI VIKESH YADAV	M.SC(CS) IV SEM
4	BADURE LAKHAN	M.SC(CS) IV SEM
5	BAGARI SHIVALI	M.SC(CS) IV SEM
6	CAMPBELL SHAUN VAROON K	M.SC(CS) IV SEM
7	CH VALLI VISHNU PRIYA	M.SC(CS) IV SEM
8	CHELLA SAI KUMAR	M.SC(CS) IV SEM
9	DAMERA NAVANEETHA	M.SC(CS) IV SEM
10	DOMAKONDA RAJENDER	M.SC(CS) IV SEM
11	DONIKALA NIKHIL KUMAR	M.SC(CS) IV SEM
12	GATTAGONI SAI PAVAN KUMAR	M.SC(CS) IV SEM
13	GERA PAVAN KUMAR	M.SC(CS) IV SEM
14	GOPISETTY DHANA AVANTHIKA	M.SC(CS) IV SEM
15	K HITESH SINGH RAJPUROHIT	M.SC(CS) IV SEM
16	KAVADI VINEETH	M.SC(CS) IV SEM
17	KOMMIREDY LAVANYA	M.SC(CS) IV SEM
18	KORANI SUMANKANTH	M.SC(CS) IV SEM
19	MD AMEER ALI	M.SC(CS) IV SEM
20	MD GAFOOR PASHA	M.SC(CS) IV SEM
21	PANDIKONDA PRAKASH	M.SC(CS) IV SEM
22	PONAGOTI VIDYA	M.SC(CS) IV SEM
23	SAI RAMANA YR	M.SC(CS) IV SEM
24	SAI SETTI SAI KIRAN	M.SC(CS) IV SEM
25	SAUMESH ROURAY	M.SC(CS) IV SEM
26	SIRIGIRI GAYATHRI	M.SC(CS) IV SEM
27	UDDATHA SWETHA	M.SC(CS) IV SEM
28	UPPARI ROJA	M.SC(CS) IV SEM
29	VALLALA BHARATH	M.SC(CS) IV SEM
30	YELLAMULA SHANKARAI AH	M.SC(CS) IV SEM
31	M PRIYANKA	M.SC(CS) IV SEM
32	PENDLI RAVI KIRAN	M.SC(CS) IV SEM
33	SHAIK FARHEEN BEGUM	M.SC(CS) IV SEM
34	SHAIK RESHMA	M.SC(CS) IV SEM
35	VINAYAK KUMTA HARSHITHA	M.SC(CS) IV SEM
36	KODAKANDLA HARIKA	M.SC(CS) IV SEM
37	J DHANA LAXMI	M.SC(CS) IV SEM
38	THULSIRAM MONICA	M.SC(CS) IV SEM
39	SANGAM BINDHU	M.SC(CS) IV SEM
40	PILLANAGROVI AJAY	M.SC(CS) IV SEM

N. B. Shetty



Amrita Technologies

(A Unit of Amrita Enterprises Pvt Ltd)

#201, Swaathi Menors Apt, Nr Aditya Trade Centre, Ameerpet, Hyderabad-16

Tele : (040)2733174, 27737969 E:Mail- admin@amritahyd.org

Website : www.amritahyd.org

College students according to their requirements.

The importance of Linux in the IT market is growing rapidly, so the Red Hat Academy program enhances career prospects for our graduates

More than 90% of Fortune 500 companies currently rely on Red Hat.

Red Hat System Administration I (RH124)

Fundamental Red Hat system administration skills

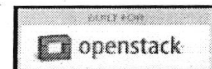
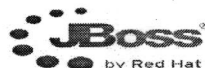
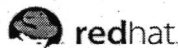
Red Hat® System Administration I (RH124) is designed for IT professionals who are new to Linux® and require core Red Hat Enterprise Linux skills. This course focuses on essential administration tasks that will be encountered in the workplace, including installing the operating system, establishing network connectivity, managing physical storage, and performing basic security administration.

Early in the course, GUI-based tools will be featured to build upon the students' existing technical knowledge. As the course progresses, key command-line concepts will be introduced to provide a foundation for students planning to continue to Red Hat System Administration II with the goal of becoming full-time Linux system administrators.

Audience

- All Students will develop the in-demand skills employers need and receive discounted certification exams.
- A student interested in working in any IT company, the stream may be Programmer, Database Admin or System Admin
- A non-Linux IT professional on the path to becoming a full-time Linux system administrator.

Prerequisites





Amrita Technologies

(A Unit of Amrita Enterprises Pvt Ltd)

#201, Swaathi Menors Apt, Nr Aditya Trade Centre, Ameerpet, Hyderabad-16

Tele : (040)2733174, 27737969 E:Mail- admin@amritahyd.org

Website : www.amritahyd.org

Previous operating system administration experience is helpful but not required for this course.

Course outline — RH124

Core skills for the new Linux Learner

Unit 1 - Get started with the GNOME graphical desktop

Get started with GNOME and edit text files with gedit.

Unit 2 - Manage files graphically with Nautilus

Objective: Manage files graphically and access remote systems with Nautilus.

Unit 3 - Get help in a graphical environment

Objective: Access documentation, both locally and online.

Unit 4 - Configure local services

Objective: Configure the date and time, and configure a printer.

Unit 5 - Manage physical storage I

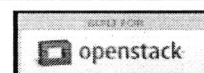
Objective: Understand basic disk concepts and manage system disks.

Unit 6 - Manage logical volumes

Objective: Understand logical volume concepts and manage logical volumes.

Unit 7 - Monitor system resources

Objective: Manage CPU, memory, and disk utilization.





Amrita Technologies

(A Unit of Amrita Enterprises Pvt Ltd)

#201, Swaathi Menors Apt, Nr Aditya Trade Centre, Ameerpet, Hyderabad-16

Tele : (040)2733174, 27737969 E:Mail- admin@amritahyd.org

Website : www.amritahyd.org

Unit 8 - Manage system software

Objective: Manage system software locally and using Red Hat® Network (RHN).

Unit 9 - Get started with bash

Objective: Understand basic shell concepts, execute simple commands, and use basic job control techniques.

Unit 10 - Get help in a textual environment

Objective: Use man and info pages and find documentation in /usr/share/doc.

Unit 12 - Establish network connectivity

Objective: Understand basic network concepts; configure, manage, and test network settings.

Unit 13 - Administer users and groups

Objective: Manage users and groups.

Unit 14 - Manage files from the command line

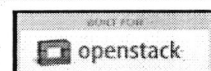
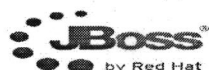
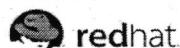
Objective: Understand Linux® file system hierarchy and pathnames; manage files from the command line.

Unit 15 - Secure Linux file access

Objective: Understand Linux file access mechanisms; manage file access from the GUI and the command line.

Unit 16 - Administer remote systems

Objective: Share and connect to a desktop; use SSH and rsync.





Amrita Technologies

(A Unit of Amrita Enterprises Pvt Ltd)

#201, Swaathi Menors Apt, Nr Aditya Trade Centre, Ameerpet, Hyderabad-16

Tele : (040)2733174, 27737969 E:Mail- admin@amritahyd.org

Website : www.amritahyd.org

Unit 17 - Configure general services

Objective: Manage services; configure SSH and remote desktops.

Unit 18 - Manage physical storage II

Objective: Manage file system attributes and swap space.

Unit 19 - Install Linux graphically

Objective: Install Red Hat Enterprise Linux and configure the system with firstboot.

Unit 20 - Manage virtual machines

Objective: Understand basic virtualization concepts; install and manage virtual machines.

Unit 21 - Control the boot process

Objective: Understand runlevels and manage GRUB.

Unit 22 - Deploy file-sharing services

Objective: Deploy an FTP server and a web server.

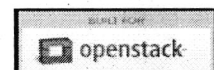
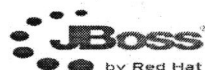
Unit 23 - Secure network services

Objective: Manage a firewall; understand SELinux concepts and manage SELinux.

Unit 24 - Comprehensive review

Objective: Get a hands-on review of the concepts covered in this course.

Note: Course outline is subject to change with technology advances and as the nature of the underlying job evolves.





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Red Hat System Administration II with RHCSA Exam (RH135)

Building command line administration skills

A follow-up course for students that have completed Red Hat® System Administration I (RH124), Red Hat System Administration II with RHCSA Exam (RH135) is designed for IT professionals working to become full-time enterprise Linux® system administrators.

Building on the foundation of command-line skills covered in System Administration I, you'll dive deeper into Red Hat Enterprise Linux to broaden your toolkit of administration skills. By the end of this course, you'll be able to administer and troubleshoot file systems and partitioning, logical volume management, access control, and package management. After attending Red Hat System Administration I and II, you'll be fully prepared to take the Red Hat Certified System

Course outline — RH134

Build command-line administration skills

Unit 1 - Automated installations of Red Hat Enterprise Linux

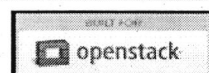
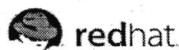
Create and manage Kickstart configuration files; perform installations using Kickstart.

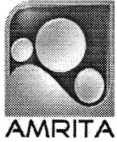
Unit 2 - Accessing the command line

Access the command line locally and remotely; gain administrative privileges from the command line.

Unit 3 - Intermediate command-line tools

Use hardlinks, archives and compression, and vim.





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Website : www.amritahyd.org

Unit 4 - Regular expressions, pipelines, and I/O redirection

Use regular expressions to search patterns in files and output; redirect and pipe output.

Unit 5 - Network configuration and troubleshooting

Configure network settings; troubleshoot network issues.

Unit 6 - Managing simple partitions and file systems

Create and format simple partitions, swap partitions, and encrypt partitions.

Unit 7 - Managing flexible storage with the Logical Volume Manager (LVM)

Implement LVM and LVM snapshots.

Unit 8 - Accessing network file-sharing services; NFS and CIFS

Implement NFS, CIFS, and autofs.

Unit 9 - Managing user accounts

Manage user accounts, including password aging.

Unit 10 - Network user accounts with LDAP

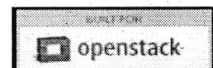
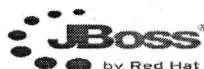
Connect to a central LDAP directory service.

Unit 11 - Controlling access to files

Manage group memberships, file permissions, and access control lists (ACLs).

Unit 12 - Managing SELinux

Activate and deactivate SELinux; set file contexts; manage SELinux Booleans; analyze SELinux logs.





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Unit 13 - Installing and managing software

Manage software and query information with yum; configure client-side yum repository files.

Unit 14 - Managing installed services

Manage services; verify connectivity to a service.

Unit 15 - Analyzing and storing logs

Manage logs with rsyslog and logrotate.

Unit 16 - Managing processes

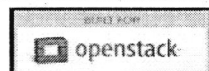
Identify and terminate processes, change the priority of a process, and use cron and at to schedule processes.

Unit 17 - Tuning and maintaining the kernel

List, load, and remove modules; use kernel arguments.

Unit 18 - System recovery techniques

Understand the boot process and resolve boot problems.



Course Outcomes:

CO1 : Familiarity with Linux environment with installation of Operating Software.

CO2 : Organization and managing of Users and file operations.

CO3 : Configuration of Linux network and manage security of network system.

CO4 : Kernel and management of user accounts.

To
The Principal
Bhavan's Vivekananda College
Sainikpuri

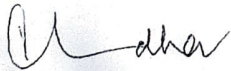
Sub: Request for permission to utilize special fee - reg

Dear Sir,

Department of Microbiology in collaboration with S Mushroom Agri tech, Kukatpally is planning a two day workshop on Mushroom cultivation, production and marketing for M.Sc final year students on 4 & 5th July. Every year special fee has been collected from the students of M.Sc towards conduct of workshops, industrial visits, Annual lecture series, records purchase, fresher's and fare well parties etc. I seek your permission for utilizing this amount for organizing the workshop with a budget of Rs. 41,300 approximately. In this context i would like to utilize an amount of Rs. 41,300/- towards workshop fees, certificates, Mementos etc. from the special fee collected from the students. Details of the special fee collected from students are enclosed.

Looking forward for your approval and support.

Thanking you, with regards



Dr .K. Anuradha.
Head, Department of Microbiology.

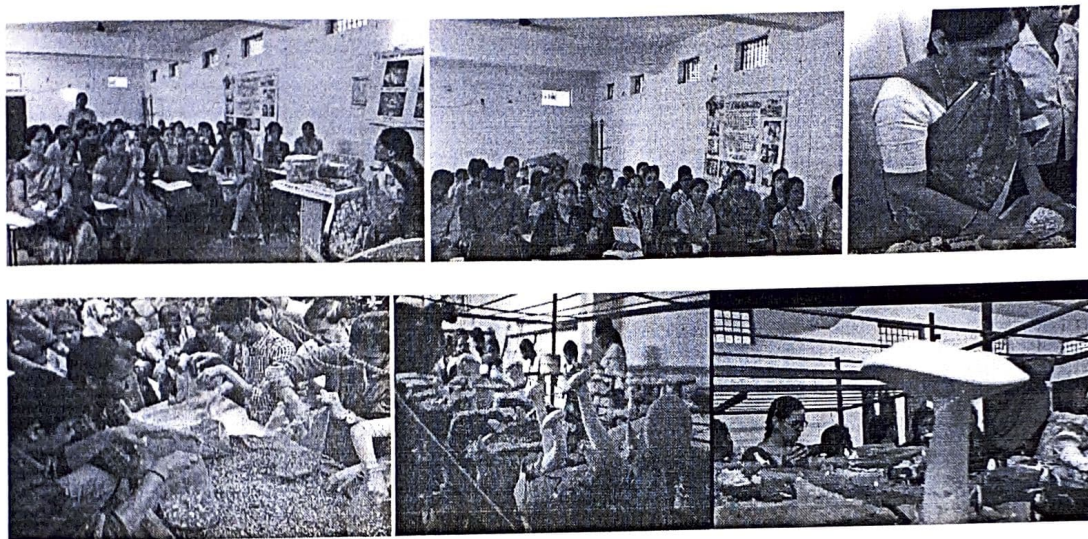
G-68

Permitted
9/11
15/6

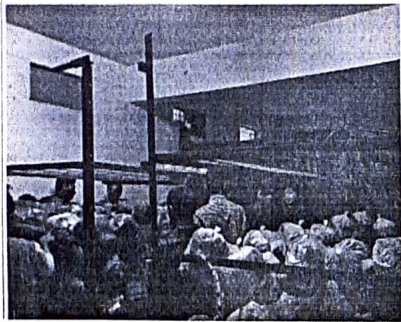
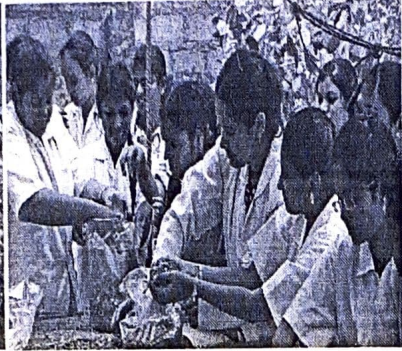
Report on Mush room cultivation workshop

Department of Microbiology in collaboration with S Mushroom Agri tech, Kukatpally organized a two day workshop on Mushroom cultivation for M.Sc final year students on 4 & 5th July ,2019. Dr.Smrithi Bajpai and Dr.J.Sarada accompanied 34 M.Sc final year students for the two day workshop.

On 4th morning, Dr.K. Prasuna, CEO of 'S' Mushroom cultivation briefed on her experience as entrepreneur and on Significance of Mushroom cultivation and methods involved . Day started with the basic knowledge on stages in Mushroom growth , environmental factors influencing their growth, farm design . After basic knowledge, hands on exposure is given to students in preparation of Bed for Milky Mushrooms, Oyster, Paddy straw and Button Mushroom , sterilization of raw materials and spawn preparation and Layer spawning etc.



Second day, Hands on training was given to students in mushroom harvesting, processing and storage . Budget for starting mushroom cultivation as small scale industry was also discussed. This workshop had provoked entrepreneurial skills and motivated students to think about start ups in this area. Different products of Mushroom like –Biscuits, noodles , pickles, Soup powder, dried and fresh mushroom were exhibited in the workshop. After successful completion of the programme , students were given with certificates .



List of M.Sc Semester III Final year students attending Mushroom Workshop (2019-2020)

S.No	Roll No	Name of Student	4-7-2019	5-7-2019
1	1072-18-518001	P.Lakshmi Soujanya	P.L.Soujanya	P.L.Soujanya
2	1072-18-518002	Niharika Bohini	Niharika	Niharika
3	1072-18-518003	Gaddam Srinivasan Sneha	G.S.Sneha	G.S.Sneha
4	1072-18-518004	Poonam pandey Pandey	Pandey	Pandey
5	1072-18-518005	Chilkuri Sravya Savithri	Sravya	Sravya
6	1072-18-518006	A.Pravallika	A.Pravallika	A.Pravallika
7	1072-18-518007	Perampalli Prathusha	Prathusha	Prathusha
8	1072-18-518008	Vankamamidi Sai Krishna	V.Sai Krishna	V.Sai Krishna
✓ 9	1072-18-518009	Geethika Jekkula	Geethika	Geethika
10	1072-18-518010	Chakilam Supraja	CH.Supraja	CH.Supraja
11	1072-18-518011	Mokarala Kavya	M.Kavya	M.Kavya
12	1072-18-518012	PNL Sri Lalitha	Srilalitha	Srilalitha
13	1072-18-518013	B.Bindu	B.Bindu	B.Bindu
14	1072-18-518015	Mahima Dhurka	Mahima	Mahima
15	1072-18-518016	Sushmita Roy	Sushmita Roy	Sushmita Roy
16	1072-18-518017	Bushra Akbari	Bushra	Bushra
17	1072-18-518020	Pawar Praveen kumar	Praveen	Praveen
18	1072-18-518021	M.A. Zameer	Zameer	Zameer
19	1072-18-518022	N.Shanti Priya	Shanti Priya	Shanti Priya
20	1072-18-518023	Cheriyala Pravalika	Ch. Pravalika	Ch. Pravalika
21	1072-18-518024	Jelly Aishwarya	J.Aishwarya	J.Aishwarya
22	1072-18-518025	G.Akshaya	G.Akshaya	G.Akshaya
23	1072-18-518026	Keshanagari Shirisha	Shirisha	Shirisha
24	1072-18-518027	Bekkem Pravallika	Pravallika	Pravallika
25	1072-18-518028	Kota Madhuri	K.Madhuri	K.Madhuri
26	1072-18-518029	CH Narayana Swamy	Ch. Narayana Swamy	Ch. Narayana Swamy
27	1072-18-518030	Thadem Sreeja	Sreeja	Sreeja
30	1072-18-518033	Vanamala Sunitha	V.Sunitha	V.Sunitha
31	1072-18-518034	Sandela OM Murthy	Om Murthy	Om Murthy
32	1072-18-518035	K.Vanitha	K.Vanitha	K.Vanitha
33	1072-18-518036	G.Sai Trishala	Trishala	Trishala
34	1072-18-518037	Thati Bhavya	T.Bhavya	T.Bhavya
35	1072-18-518038	Y.Sai Abhishek Kumar	Abhishek	Abhishek
36.	1072-18-518032	Vaishnavi -Yadav.	Vaishnavi.Yadav.	Vaishnavi.Yadav.

Value added course on Mushroom cultivation

Course Objective:

1. Introduction to mushroom cultivation
2. Study on nutritional value of mushrooms
3. Insight into various steps of mushroom cultivation
4. Overview on methods of mushrooms preservation

Unit-1

1. Introduction to mushroom cultivation
2. Importance and history of mushroom cultivation in India
3. Global status of mushroom production
4. Food value of mushroom

Unit-2

1. Steps in mushroom cultivation
2. Selection of site and types of mushroom
3. Mushroom farm structure, design layout
4. Principle and techniques of compost and composting
5. Principle of spawn production
6. Casing and crop production
7. Harvesting and marketing
8. Pest and pathogens of mushrooms
9. Post-harvest handling and preservation of mushrooms

REFERENCE:

1. Mushroom cultivation in India by B.C. Suman and V.P. Sharma. Published by Daya Publishing House, New Delhi.
2. Mushrooms Cultivation, Marketing and Consumption by Manjit Singh Bhuvnesh Vijay Shwet Kamal G.C. Wakchaure Directorate of Mushroom Research (Indian Council of Agricultural Research) Chambaghat, Solan –173213 (HP)

Course Outcome:

1. Knowledge on scope and importance of mushroom cultivation in India and worldwide.
2. Comprehend on principles of mushroom spawn production.
3. Awareness on mushroom cultivation procedure.
4. Detailed Knowledge on pest management methods in mushroom cultivation.

11.12.2019

To,
The Principal,
Bhavan's Vivekananda College, Sainikpuri, Secunderabad.

Sir,

Subject: Permission to organize value added course for M.Sc Microbiology II year students by Dept. of Microbiology, BVC in collaboration with Startech labs Pvt.ltd, Hyderabad -reg:

The Department of Microbiology is planning to organize a 6-day value added course for M.Sc Microbiology II year students on various analytical techniques like HPLC, GC-MS , FTIR etc.,. The objective of this training program is to enhance the students' technical skills in the area of analytical Microbiology and improve their employment opportunities in the pharmaceutical industries. Startech labs Pvt. Ltd, Hydearabad has extended its support to train the students in these techniques and this lab has been recognized by NABL, USFDA, ISO 9001:2008, Drug control administration and other bodies.

The duration of the programme will be 6 days from 16.12.20' to 21.12.2019. The quoted cost for conducting this training programme is Rs.1500/- per student excluding GST cost (18%). The total cost for enrolled students (29 in strength) including GST is 51,330/-.

I request you to permit us to organize the workshop on the above mentioned dates and release an amount of Rs. 35,000/- from students' special fee towards this workshop. The remaining amount (Rs.16,330/-) will be collected from students and will be deposited in the college account. The total amount (Rs.51,330/-) for the training program may be transferred to the bank account of Startech labs Pvt. Ltd towards training cost and the bank details will be provided to the office.

Thanking you.

Yours Sincerely,



Dr.K.Anuradha

Head, Dept of Microbiology BVC.

- Enclosure: 1. Special fee details of current academic year 2019-20
2. List of students attending the workshop.



DEPARTMENT OF MICROBIOLOGY

Report on Value added course – “Training in Analytical Techniques”

Value added course on “Training in Analytical techniques” was organized from 23rd to 28th December 2019. This training was organized for students of second year postgraduate students in Microbiology in collaboration with Star Tech Labs, (Standard Total Analytical Research and Technical Laboratory) at Madinaguda, Hyderabad. Total 30 students have participated. Dr.K.Anuradha, HOD of Microbiology and senior faculty Dr.J.Sarada from Department of Microbiology had organized the six day training programme to provide value addition to their curriculum and skill enhancement for M.Sc students.



Star Tech Labs provides high quality analytical services and leading service provider in the field of Environmental Monitoring, Industrial Hygiene Monitoring, Indoor Air Quality Monitoring, Audits and related Consultancy Services. They have capabilities and expertise in the field of Quality Control / Quality Assurance / Validations in Pharmaceutical, Food, Packaged Drinking Water and Mineral & Engineering Industries.



On 23rd morning the course was initiated by Dr.K.Anuradha and Dr.Ramana from Star Tech Labs by briefing on the purpose and relevance of the training programme to students. Each day students were trained in handling high end models of laboratory testing equipments like HPLC, GC, LCMS, ICP-MS, GAS Chromatograph MS with Auto injector, Fourier Transform Infrared Spectrophotometer etc.



Training was designed by conducting a demonstrative lecture, followed by an analysis of the data. Training programme was concluded with feedback of students and certificate distribution. Students were happy with the training and gave good feedback on the training programme.

**List of M.Sc Microbiology Final year students (2018-2020 Batch)
for Training in Analytics**

Roll .no	Names
1.	P.L.Soujanya
2.	Niharika Bohini
3.	Gaddam Srinivasan Sneha
4.	Poonam Pandey
5.	C.Sravya Savithri
6.	Adavally Pravallika
7.	P.Prathyusha
8.	V Sai Krishna
9.	J.Geethika
10.	Ch.Supraja
11.	M Kavya
12.	P.N.L.Sri Lalitha
13.	B.Bindu
14.	Mahima Dhurka
15.	Sushmita Roy
16.	Bushra Akbari
17.	Praveen Kumar
18.	MA Zameer
19.	N.Shanti priya
20.	Ch.Pravalika
21.	J.Aishwarya
22.	G.Akshaya
23.	K.Shirisha
24.	Bekkam Pravallika
25.	K.Madhuri
26.	CH Narayana Swamy
27.	T.Sreeja
28.	Vaishnavi Yadav
29.	V.Sunitha
30.	S.Om Murthy
31.	K.Vanita
32.	G. Sai Trishala
33.	T.Bhavya
34.	Y.Abhishek

Department of Microbiology
Academic Year 2019-2020
Value Added Course in “Training in Analytical Techniques”
In collaboration with StarTech Labs Pvt, Ltd, Madinaguda, Hyderabad
16/12/2019 – 21/12/2019

Syllabus:

Duration:30hrs

1. Labelling and recording data of new samples.
2. Overview, introduction and instrumentation of Flame Photometer to identify inorganic elements.
3. Principle and applications of Muffle Furnace, Conductivity meter, UV spectrophotometer, Potentiometer and IR.
4. Water activity analyzer, Vortex mixer.
5. Microbiology - Autoclave/ Destruction Autoclave.
6. Principle and application of Particle size analyzer and X Ray Diffraction (XRD).
7. Standard Operating Procedures (SOP).
8. Good Manufacturing Practices (GMP).
9. Principle and Instrumentation of Gas Chromatography.
10. Principle and Instrumentation of HPLC.
11. Demonstration of Heat stress monitor.
12. Demonstration of Air sampler for Industrial hygiene
13. Environmental Health - Analytical techniques to assess the quality of water, air, soil and dust, Metals, Total Dissolved Solids (TDS)
14. Chemical Oxygen Demand (COD), Biological Oxygen Demand (BOD)
15. Calculation of Loss on Dry (LOD) value of samples

COURSE OUTCOMES:

At the end of the course students will be able to

1. Implement the practice of standard operating procedures and good laboratory practices while conducting experimental procedures and performing them with accuracy and precision in industry and research labs.
2. Apply the knowledge gained on instrumentation and working of sophisticated equipment's in pharmaceutical and biotech industries during downstream processing.

Dr K Anuradha

Head, Department of Microbiology

To,

08.11.2019

The Principal,
Bhavan's Vivekananda College,
Sainikpuri, Secunderabad.

Sir,

Sub: Permission to conduct five day value added course/workshop on "**Clinical, molecular diagnostic methods and genetic counseling**" for B.Sc (MBBCC) 3rd year students under DBT-Star college scheme-Reg.

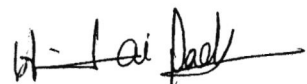
The Department of Biochemistry proposes to organize a five day value added course on "**Clinical, molecular diagnostic methods and genetic counseling**" in collaboration with Institute of Genetics and Hospital for Genetic Diseases, Osmania University, Begumpet, Hyderabad from 25th to 29th November, 2019. This workshop is being organized under DBT Star College Scheme, to enable the B.Sc Biochemistry students (student strength- 30) to get trained in the field of molecular diagnostics which would help them in getting employed in molecular, clinical and genetic analysis diagnostic labs.

An amount of Rs60,000/- (30students@ Rs.2000/-) may be transferred online to Institute of Genetics and Hospital for Genetic Diseases, Begumpet, Hyderabad and transaction details will be provided to the office.

I request you to permit us to organize this value added course on the specified dates at Institute of Genetics and Hospital for Genetic Diseases, Begumpet, Hyderabad.

Thanking you

Yours sincerely,



Dr.A.Sai.Padma
Head, Dept of Biochemistry
BVC.



No.363/IGOU/2019.

Date: 07-11-2019

To
A.Sai Padma,
Head,
Dept. of Biochemistry,
Bhavan's Vivekananda College,
Sainikpuri,
Secunderabad.

Dear Madam,

Sub: Instt. Of Genetics, OU.–Permission to Training Programme to students–Bhavan's Students - Reg.

In reply to your letter, I am pleased to accord permission to conduct workshop under DBT Star College scheme for undergraduate course training programme from 25th November to 29th November, 2019 for five days 6 hours a day at our institute

Further, you are required to pay the fee of Rs.2000/- per student by way of Demand Draft drawn in favour of 'The Director, Institute of Genetics' in advance. You are requested to confirm at the earliest in order to make necessary arrangements, along with the list of candidates

Thanking you,

Yours sincerely,

A. Venkateshwarai
DIRECTOR

Re: request for training to B.Sc biochemistry students in clinical diagnostics.

From: vekateshwari ananthapur (vekateshwari@yahoo.com)
To: saipadmabhavans@yahoo.co.in
Date: Friday, 8 November, 2019, 3:11 pm IST

Dear Dr. Padma,

Please find attached the bank details given below for online transfer.

Account Name	Director , Institute of Genetics,O.U.
Saving A/C No.	30392010034191
Bank Name	Syndicate Bank,
Branch	Ameerpet, Hyderabad.
IFS Code.	SYNB0003039

Thanks & regards,

Dr.(Mrs.) A.Venkateshwari
Director (IC)
Institute of Genetics & Hospital for Genetic Diseases
Osmania University
Begumpet, Hyderabad - 500 016, India
Tel: (O) 23403681 Mobile: 09948538337

On Friday, 8 November, 2019, 08:32:52 am IST, padma aluri <saipadmabhavans@yahoo.co.in> wrote:

Dear madam,

Thank you very much for your positive response. Our B.Sc Biochemistry students (strength 30) will attend workshop in the form of "value added course on clinical, molecular diagnostic methods and genetic counseling".

The payment can be made by online transfer of amount if you provide transaction details.

Looking forward for your reply,

Regards
Sai Padma.

Sent from Yahoo Mail on Android

On Thu, 7 Nov 2019 at 4:39 PM, vekateshwari ananthapur <vekateshwari@yahoo.com> wrote:

Please find attached permission letter

Dr.(Mrs.) A.Venkateshwari
Director (IC)
Institute of Genetics & Hospital for Genetic Diseases
Osmania University
Begumpet, Hyderabad - 500 016, India
Tel: (O) 23403681 Mobile: 09948538337

On Thursday, 7 November, 2019, 10:16:59 am IST, padma aluri <saipadmabhavans@yahoo.co.in> wrote:

Dear madam,

A gentle reminder regarding the mail I had given earlier and personal conversation with you over phone. Though the approval is given from your side orally, we need official confirmation over mail to proceed further regarding the payment and permission from our college.

Looking forward for your reply at the earliest,

With regards
Sai Padma.

Sent from Yahoo Mail on Android

On Wed, 23 Oct 2019 at 1:09 PM, padma aluri <saipadmabhavans@yahoo.co.in> wrote:

Respected Madam,

Bhavan's Vivekananda college, Sainikpuri is offering B.Sc Biochemistry at undergraduate and post graduate levels and providing training to students on various aspects of biochemistry on regular basis. These kind of extra skills acquired during workshops definitely provide an edge over on competitors and also enhance their learning ability. Keeping in view of the benefits the students acquire, I sincerely request you to look positively to offer a training program of **short duration of five days (from 25th November to 29th November, 2019, 6 hrs a day)** to our undergraduate students (**30 in strength**).

The workshop could include one or two lectures and more practical orientation by your subject experts. The topics covered and provide training are preferred on areas like Clinical Diagnosis of Genetic Disorders & Genetic counseling, Prenatal & Postnatal diagnosis of Genetic Disorders by ultrasonography and clinical biochemistry.

I request you to permit us to have such a training session at your institute and benefit the students. Our institute is ready to meet the expenses of workshop at concessional rates under DBT-Star college scheme for undergraduate courses.

Thanking you and looking forward for positive response from your side with quotation of workshop fee,

A.Sai Padma
HoD, Dept.of Biochemistry
BVC.
Ph.9866351183
www.bhavansvc.org

Sent from Yahoo Mail on Android



INSTITUTE OF GENETICS & HOSPITAL FOR GENETIC DISEASES
OSMANIA UNIVERSITY, BEGUMPET, HYDERABAD-16

IG, OU, Value added course on : Clinical, Molecular Diagnostic Methods and Genetic Counseling”
this program is under DBT- Star College Scheme –
Students from Bhavan's Vivekananda college from 25th to 29th November-2019

Time Table

BATCH	DATE	NAME OF THE DEPARTMENT	NAME OF THE FACULTY
A	25-11-2019 10AM-4PM	Clinical Genetics	Dr.T.Sunitha, Dr. B.Srinadh, Dr.G.Shilpa Reddy
B	25-11-2019 10AM-4PM	Cytogenetics	Dr.A.Venkateshwari, Ms.A. Srilekha
A	26-11-2019 10AM-1PM	Environmental Toxicology	Dr.G.Deepika, Mrs.Kethura
A	26-11-2019 1PM-4PM	Genetic Counseling	Dr.M.Sujatha
B	26-11-2019 10AM-4PM	Molecular Biology	Dr.M.L.N.Deepika
A	27-11-2019 10AM-4PM	Cytogenetics	Dr.A.Venkateshwari, Ms.A. Srilekha
B	27-11-2019 10AM-4PM	Clinical Biochemistry	Dr.B.Vijaya Lakshmi, Dr.M.Sailaja, Mr.M.Mahesh Reddy
A	28-11-2019 10AM-4PM	Molecular Biology	Dr.M.L.N.Deepika
B	28-11-2019 10AM-1PM	Environmental Toxicology	Dr.G.Deepika, Mrs.Kethura
B	28-11-2019 1PM-4PM	Genetic Counseling	Dr.M.Sujatha
A	29-11-2019 10AM-4PM	Clinical Biochemistry	Dr.B.Vijaya Lakshmi, Dr.M.Sailaja, Mr.M.Mahesh Reddy
B	29-11-2019 10AM-4PM	Clinical Genetics	Dr.T.Sunitha, Dr. B.Srinadh, Dr.G.Shilpa Reddy

A. Venkateshwari

DIRECTOR
DIRECTOR
Institute of Genetics &
Hospital for Genetic Diseases
Osmania University
Begumpet, Hyderabad - 16.

**Report on
Value Added Course on
“Clinical, Cytogenetics, Molecular Diagnostic methods and Genetic
Counselling”
Institute of Genetics and Hospital for Genetic Diseases
25th to 29th November, 2019**

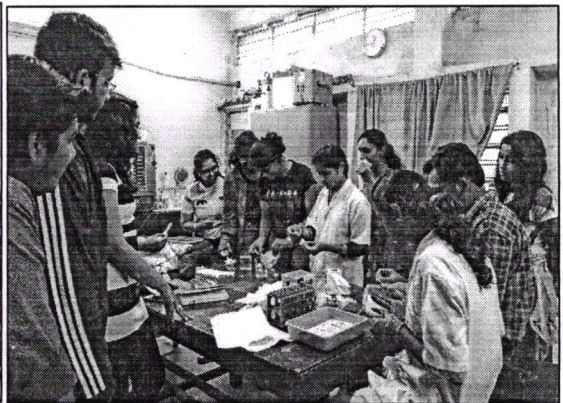
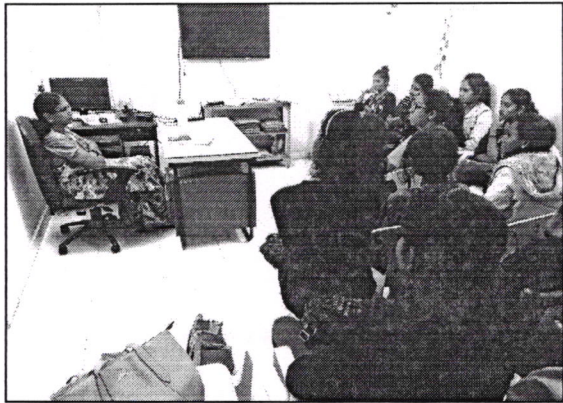
The Department of Biochemistry has organized a five-day Value-added course on “Clinical, Molecular Diagnostic methods and Genetic Counselling” for the students of B.Sc (MBBCC) at the Institute of Genetics & Hospital for Genetic Diseases, Begumpet, Hyderabad from 25th to 29th November, 2019. This programme is organized under DBT-Star College Scheme. Students were given exposure in the areas of Clinical Genetics, Cytogenetics, Environmental Toxicology, Molecular Biology, Clinical Biochemistry and Genetic Counseling.

In Clinical Genetics, students were briefed about the different pre-natal and post-natal diagnostic techniques, new born screening and about genetic disorders. They were also explained about the significance of Genetic counselling to the couples who are at increased risk of having a heritable disorder and the risk of transmitting it to their unborn offspring.

Students also learnt about Karyotyping, FISH and Micro-array techniques which are used for diagnosis of chromosomal disorders in new-borns while in the Cytogenetics lab they learnt about the DNA isolation techniques. Various types of PCR (Conventional, PCR-RFLP, Microsatellite repeats, SSCP, Allele-specific PCR, ARMS PCR) were learnt in Molecular Biology lab.

In Clinical Biochemistry lab, analysis of ceruloplasmin, TSH, 17-OH Progesterone and urine copper were learnt. The importance of HPLC in diagnosing Haemoglobinopathies was also demonstrated. Students had hands-on experience with some of the diagnostic techniques that are routinely used in biochemistry labs.

A. Sai Jyoti
Head, Dept. of Biochemistry,
Bhavan's Vivekananda College
Sainikpuri, Secunderabad-500 094



W. Lai Jady
Head, Dept. of Bio-Chemistry
Bhavan's Vivekananda College
Sainikpuri, Secunderabad-500 096

Bhavan's Vivekananda College of Science, Humanities & Commerce
Sainikpuri, Secunderabad – 500094
 Autonomous College - Affiliated to Osmania University
 (Accredited with 'A' grade by NAAC)

List of students for Value Added Course at Institute of Genetics, Hyderabad
25th to 29th November, 2019

S. No	Roll No	Name of the Student
1	107217471001	Aparna U
2	107217471002	Nannaparaju Archana
3	107217471003	Bhukya Karan
4	107217471004	C Lahary
5	107217471005	Devi Priya Bashaboina
6	107217471007	Kareti Anoosha
7	107217471008	Koride Manaswini
8	107217471009	Manasa Kanduri
9	107217471014	Prasanna Kumar Thummala
10	107217471015	Bhagavathula Priyanka
11	107217471016	Putchakayala Tejaswi
12	107217471019	Shwetang U
13	107217471021	Sowmya Kolechelimi
14	107217471022	S. Ashwini
15	107217471023	N Ch Tanmayee Venugopal
16	107217471025	Afroz Zeba
17	107217471026	Domakonda Rajashree
18	107217471028	Jatin Sirohi
19	107217471031	Jennifer Duvvena
20	107217471032	K Geetha
21	107217471033	Kanchan Singh
22	107217471034	Kusuma P
23	107217471035	Meghana Prakash
24	107217471038	Pawan
25	107217471039	Sakshi Jain
26	107217471043	M Alekhya
27	107217471044	Manisha Roy
28	107217471047	Lekha Mudundi
29	107217471048	Sathvika Kothuri
30	107217471050	Kiranmayee Ampolu

H. Sai Pad

Head, Dept. of Bio-Chemistry
Bhavan's Vivekananda College
Sainikpuri, Secunderabad-500 094

Date: 29-11-2019

CERTIFICATE OF TRAINING

This is to certify that **Ms Manasa Kanduri** of B.Sc 3rd year (Microbiology, Biochemistry, Chemistry), Bhavan's Vivekananda College of Science, Humanities & Commerce, Sainikpuri, Secunderabad (BVC) has attended value added course on "**Clinical, Cytogenetic, Molecular Diagnostic methods and Genetic Counselling**" at the **Institute of Genetics & Hospital for Genetic Diseases, Osmania University, Begumpet, Hyderabad** from **25th to 29th November, 2019**. This programme is organized in association with Department of Biochemistry, BVC, under DBT-Star College Scheme.

A. Sai Pad

Head, Dept. of Bio-Chemistry
Bhavan's Vivekananda College
Sainikpuri, Secunderabad-500 094

A. Venkateswari

DIRECTOR

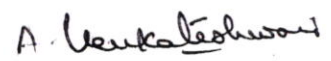
Date: 29-11-2019

CERTIFICATE OF TRAINING

This is to certify that **Ms Koride Manaswini** of B.Sc 3rd year (Microbiology, Biochemistry, Chemistry), Bhavan's Vivekananda College of Science, Humanities & Commerce, Sainikpuri, Secunderabad (BVC) has attended value added course on "**Clinical, Cytogenic, Molecular Diagnostic methods and Genetic Counselling**" at the **Institute of Genetics & Hospital for Genetic Diseases, Osmania University, Begumpet, Hyderabad** from 25th to 29th **November, 2019**. This programme is organized in association with Department of Biochemistry, BVC, under DBT-Star College Scheme.



Head, Dept. of Bio-Chemistry
Bhavan's Vivekananda College
Sainikpuri, Secunderabad-500 094


DIRECTOR

Department of Biochemistry
Academic year 2019-20
Value added course
In collaboration with Institute of Genetics, Hyderabad
under DBT-Star College Scheme
25th to 29th November-2019

Syllabus:

Duration:30hrs

1. Introduction to pre-natal and post-natal diagnostic techniques.
2. Newborn screening for genetic disorders.
3. Cytogenetics and Karyotyping.
4. Introduction to FISH and Micro-array techniques.
5. Genetic counselling- Measures, necessity and implementation.
6. Isolation of DNA from human blood sample and separation of extracted DNA by Agarose Gel Electrophoresis.
7. Amplification of DNA by polymerase chain reaction (PCR).
8. Overview of applications of PCR (PCR-RFLP, Microsatellite repeats, SSCP, Allele-specific PCR, ARMS PCR).
9. Quantitation of serum ceruloplasmin levels by ELISA.
10. Quantitation of serum TSH, 17-OH Progesterone levels.
11. Estimation of urine copper levels.
12. Applications of HPLC in diagnosing Haemoglobinopathies.

COURSE OUTCOMES:

At the end of the course students will be able to

1. Understand various chromosomal abnormalities through various cytogenetic methods and related genetic disorders.
2. Relate various biochemical tests and their results in diagnosis of various genetic diseases and appreciate the importance of genetic counselling.



Dr A Sai Padma
Head, Department of Biochemistry

11.12.2019

To,
The Principal,
Bhavan's Vivekananda College,
Sainikpuri, Secunderabad.

Sir,

Subject: Permission to organize value added course for M.Sc Biochemistry 2nd year students by Dept. of Biochemistry, BVC in collaboration with Startech labs Pvt.ltd, Hyderabad -reg:

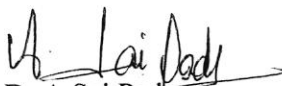
The Department of Biochemistry is planning to organize a 6-day value added course for M.Sc Biochemistry 2nd year students on various analytical techniques like HPLC, GC-MS , FTIR etc.,. The objective of this training program is to enhance the students' technical skills in the area of analytical biochemistry and improve their employment opportunities in the pharmaceutical industries. Startech labs Pvt. Ltd, Hyderabad has extended its support to train the students in these techniques and this lab has been recognized by NABL, USFDA, ISO 9001:2008, Drug control administration and other bodies.

The duration of the programme will be 6 days from 16.12.20' to 21.12.2019. The quoted cost for conducting this training programme is Rs.1500/- per student excluding GST cost (18%). The total cost for enrolled students (29 in strength) including GST is 51,330/-.

I request you to permit us to organize the workshop on the above mentioned dates and release an amount of Rs. 35,000/- from students' special fee towards this workshop. The remaining amount (Rs.16,330/-) will be collected from students and will be deposited in the college account. The total amount (Rs.51,330/-) for the training program may be transferred to the bank account of Startech labs Pvt.ltd towards training cost and the bank details will be provided to the office.

Thanking you.

Yours Sincerely,


Dr. A. Sai. Padma

Head, Dept of Biochemistry
BVC.

- Enclosure: 1. Special fee details of current academic year 2019-20.
- 2. List of students attending the workshop.



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Re: Fwd: Quotation for training

From: Ramanji Reddy (ramanjibiotech@gmail.com)

To: saipadmabhavans@yahoo.co.in

Date: Monday, 9 December, 2019, 12:50 pm IST

Dear Madam,

As per our discussion over the phone here i am sending the revised price for 30 students as Rs.1500/ per student and the schedule starts from 16/12/2019 to 21/12/2019. Please conform the acceptance as early as possible.

With Regards
K.Ramanji Reddy M.Sc., M.Phil.,(P.hD)
Business Development Manager
Startech Labs Pvt. Ltd.
Madinaguda, Hyderabad 500050
Mobile No:9700971895

On Wed, Sep 18, 2019 at 8:36 PM padma aluri <saipadmabhavans@yahoo.co.in> wrote:

Thank you sir.
I will be back to you after finalizing the program .

Regards
Dr.Sai padma

Sent from Yahoo Mail on Android

On Wed, 18 Sep 2019 at 3:06 PM, Ramanji Reddy <ramanjibiotech@gmail.com> wrote:

----- Forwarded message -----

From: **Ramanji Reddy** <ramanjibiotech@gmail.com>
Date: Wed, Sep 18, 2019 at 3:01 PM
Subject: Quotation for training
To: <saipadmabhavanas@yahoo.co.in>

Dear Madam plz find enclosed attachment

--
K.Ramanji Reddy M.Phil.
QMS-Coordinator
Startech Labs. Pvt.Ltd.
H.No.1-58/7, SMR Chambers
Madinaguda, Hyderabad-500 050
Telangana State. India
Mobile No: 9700971895

--
K.Ramanji Reddy M.Phil.
QMS-Coordinator
Startech Labs. Pvt.Ltd.
H.No.1-58/7, SMR Chambers

Madinaguda, Hyderabad-500 050
Telangana State. India
Mobile No: 9700971895

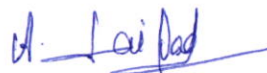
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K.Ramanji Reddy M.Phil.
Business Development Manager
Startech Labs. Pvt.Ltd.
H.No.1-58/7, SMR Chambers
Madinaguda, Hyderabad-500 050
Telangana State. India
Mobile No: +91 9700971895

Department of Biochemistry
Value Added Course in "Training in Analytical Techniques"
in collaboration with StarTech Labs Pvt. Ltd, Madinaguda, Hyderabad
16/12/2019 - 21/12/2019

Time Table

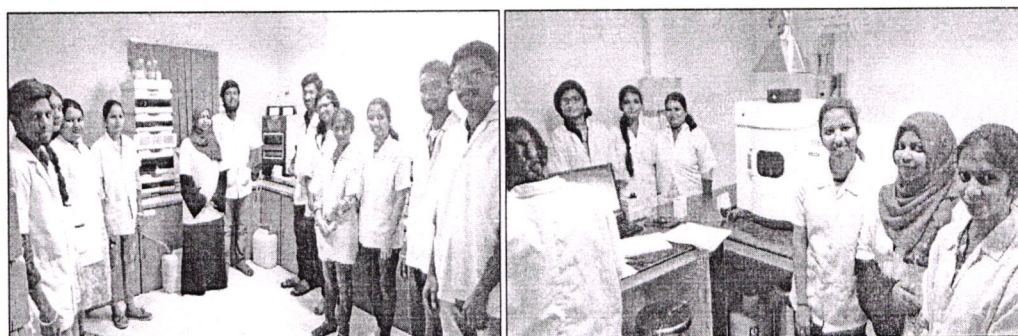
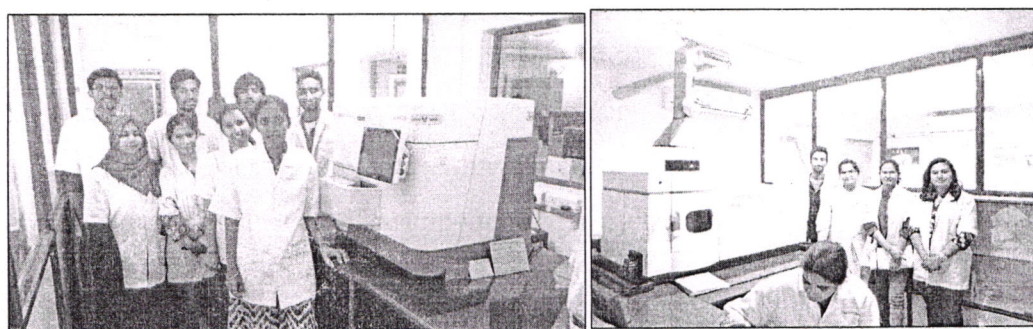
16/12/2019	Labelling and recording data of new samples
	Overview, introduction and instrumentation of Flame Photometer to identify inorganic elements
	Principle and applications of Muffle Furnace, Conductivity meter, UV spectrophotometer, Potentiometer and IR
	Water activity analyzer, Vortex mixer
17/12/2019	Microbiology - Autoclave/ Destruction Autoclave
	Principle and application of Particle size analyzer and X Ray Diffraction (XRD)
18/12/2019	Standard Operating Procedures (SOP)
	Good Manufacturing Practices(GMP)
	Principle and Instrumentation of Gas Chromatography
19/12/2019	Principle and Instrumentation of HPLC
	Heat stress monitor
	Industrial hygiene - Air sampler
20/12/2019	Environmental Health - Analytical techniques to assess the quality of water, air, soil and dust, Metals, Total Dissolved Solids (TDS)
	Chemical Oxygen Demand (COD), Biological Oxygen Demand (BOD)
21/12/2019	Calculation of Loss on Dry (LOD) value of samples
	Summarizing of the entire workshop
	Feedback session



Head, Dept. of Bio-Chemistry
 Bhavan's Vivekananda College
 Sainikpuri, Secunderabad-500 094

Report
Workshop at StarTech Laboratories Pvt. Ltd.
16th – 21st December, 2019

Department of Biochemistry has organized a workshop for 2nd year M.Sc students from 16th – 21st December, 2019 at StarTech Laboratories Pvt.ltd, Madinaguda, Hyderabad. Students were given detailed knowledge of different instruments and techniques that are routinely used in Pharma industries and in the labs associated with scientific analysis. Students had a thorough training in loss on drying (LOD), COD (Chemical Oxygen demand), BOD (Biological oxygen demand), X- Ray Diffraction (XRD) which is a rapid analytical technique, primarily used for phase identification of crystalline material providing information on unit cell dimensions. Students were also trained in HPLC technique which is used in analytical chemistry to separate, identify, and quantify each component in a mixture. The importance of instruments like sound level meter, noise dosimeter, indoor air quality, oxygen and anemometer in industrial hygiene were also demonstrated. Students also had a chance to learn in detail the Gas chromatography (GC) technique which is used in analytical chemistry for separating and analyzing compounds that can be vaporized without decomposition. Overall, the workshop had been very useful for students in learning various analytical techniques that are carried out in Pharma industries.



A. Sai Jada
Head, Dept. of Biochemistry
Bhavan's Vivekananda College
Sainikpuri, Secunderabad-500 094



**BHAVAN'S VIVEKANANDA COLLEGE OF
SCIENCE, HUMANITIES AND COMMERCE,**

Sainikpuri, Secunderabad-500 094
Autonomous, Accredited with 'A' Grade by NAAC

Value Added Course in
"Training in Analytical Techniques"
Organized by Department of Biochemistry
In collaboration with
StarTech Laboratories Pvt.ltd, Madinaguda, Hyderabad
16th – 21st December, 2019

S.No	Roll No	Name
1	107217514005	R.Roshini
2	107218514001	Abbaraju Lakshmi Pavani
3	107218514002	Surya Lalitha Adiraju
4	107218514003	B Kaviya Purnima
5	107218514004	Ch Durga Satya Deepthi
6	107218514006	D Naga Jyothi
7	107218514009	Jadala Nagajyothi
8	107218514010	Javvaji Thirumala
9	107218514011	K L Gouriaishwarya
10	107218514012	K Rama Krishna
11	107218514013	Kuruva Ramasai
12	107218514014	Lella Gayatri
13	107218514015	M Rohit Kumar
14	107218514016	Mala Ravi Kumar
15	107218514017	Mettu Suraj
16	107218514018	Mohammed Juweriya Tahseen
17	107218514019	Mudigonda Chandana
18	107218514020	O Vaishnavi
19	107218514023	Porika Rahul Naik
20	107218514024	Potluru Sree Vyshnavi
21	107218514028	Sadurgam Vijayanthi
22	107218514029	Sandhe Pushpa
23	107218514030	Shaista Naghma
24	107218514031	Sowmya Jai Kumar Sreeja
25	107218514032	Sreekar Vattam
26	107218514033	Sucharita Nandy
27	107218514035	V Sai Chandana
28	107218514036	V Vaishnavi
29	107218514038	Raparathi Subash Chandra Bose

A. Sai Pad

21/12/2019
Head, Dept. of Bio Chemistry
Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Secunderabad-500 094



BHAVAN'S VIVEKANANDA COLLEGE

of Science, Humanities and Commerce

Sainikpuri, Secunderabad-500 094

Autonomous College-Affiliated to Osmania University

Accredited with 'A' Grade by NAAC

DEPARTMENT OF BIOCHEMISTRY


Certificate

This is to certify that Mr/Ms. Kacha Koshini of M.Sc Biochemistry 2nd year has successfully completed a Value Added Course in "Training in Analytical Techniques" organized by the Department of Biochemistry, BVC in collaboration with Startech Labs Pvt. Ltd, Hyderabad from 16th to 21st December, 2019.




Dr. A. Sai Padma
Head, Dept of Biochemistry
BVC





Dr. Upendra M. Tripathi
Executive Director
Startech Labs Pvt. Ltd




Prof. Y. Ashok
Principal
BVC

Department of Biochemistry
Academic Year 2019-2020
Value Added Course in “Training in Analytical Techniques”
In collaboration with StarTech Labs Pvt, Ltd, Madinaguda, Hyderabad
16/12/2019 – 21/12/2019

Syllabus:

Duration:30hrs

1. Labelling and recording data of new samples.
2. Overview, introduction and instrumentation of Flame Photometer to identify inorganic elements.
3. Principle and applications of Muffle Furnace, Conductivity meter, UV spectrophotometer, Potentiometer and IR.
4. Water activity analyzer, Vortex mixer.
5. Microbiology - Autoclave/ Destruction Autoclave.
6. Principle and application of Particle size analyzer and X Ray Diffraction (XRD).
7. Standard Operating Procedures (SOP).
8. Good Manufacturing Practices (GMP).
9. Principle and Instrumentation of Gas Chromatography.
10. Principle and Instrumentation of HPLC.
11. Demonstration of Heat stress monitor.
12. Demonstration of Air sampler for Industrial hygiene
13. Environmental Health - Analytical techniques to assess the quality of water, air, soil and dust, Metals, Total Dissolved Solids (TDS)
14. Chemical Oxygen Demand (COD), Biological Oxygen Demand (BOD)
15. Calculation of Loss on Dry (LOD) value of samples

COURSE OUTCOMES:

At the end of the course students will be able to

1. Implement the practice of standard operating procedures and good laboratory practices while conducting experimental procedures and performing them with accuracy and precision in industry and research labs.
2. Apply the knowledge gained on instrumentation and working of sophisticated equipment's in pharmaceutical and biotech industries during downstream processing.



Dr A Sai Padma
Head, Department of Biochemistry

CIRCULAR For B.Com & B.B.A

The certificate course committee is conducting a certificate course for UG in the following area:

Course Name : Value added course (Commerce and Management) CMA
Duration : One year
Fees : Rs 70,000

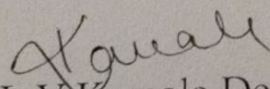
Training Support : Miles Education

Lecturer in charge: Mrs. L V Kamala Devi

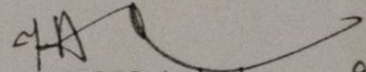
The students are requested to register themselves in the College with Miles Education from 3rd Sep 2019.

For Details contact: L.V. Kamala Devi, Assistant Professor, Department of Commerce.

Registration starting date: 3rd September 2019.


Mrs.L.V.Kamala Devi

Certificate course coordinator


Prof.Y.Ashok 29/8

Principal

Proposal for **integration of
US CMA** with
B.Com (Hons.) – Strategic Finance



The Association of
Accountants and
Financial Professionals
in Business

WILEY



US CMA Integration

- CMA is the US equivalent of Indian cost accountant from Institute of Cost Accountants of India (formerly ICWAI)
- Integrated CMA course will help students add to their knowledge and credibility; and provide them with extensive career opportunities with MNCs in finance & accounting

CMA Content Mapping

Executive Summary

- **CMA (Certified Management Accountant)** is the highest management accounting qualification in the US with global credibility, and offered by the **IMA (Institute of Management Accountants)**, US. From an Indian perspective, IMA also has a MoU with the ICWAI whereby both institutes mutually recognize each other's members
- The CMA exams comprise **2 exam parts**:
 - **Part 1 - Financial Reporting, Planning, Performance & Control**
 - **Part 2 - Financial Decision-making**
- Miles Education is the "official" partner of IMA to offer CMA training across India using official IMA-licensed Wiley study materials. **IMA-Wiley-Miles** are keen on working with universities to **integrate the CMA course content into their B.Com program**. Benefits:
 - Students would cover CMA exam content as part of their university curriculum. They can appear for and clear their CMA exams even before completing their graduation which, besides adding to their skill-sets, would also make them eligible for differential placement
 - The University would benefit from a unique course offering which would encompass high-quality CMA content specification outline. Further, once the integrated program is launched, the University would also be eligible for IMA's Higher Education Endorsement

CMA 2 parts => Breakdown to 4 subjects

Part 1: Financial Reporting, Planning, Performance & Control

- Planning, Budgeting & Forecasting
- Performance Management
- External Financial Reporting Decisions
- Cost Management
- Internal Controls

**CMA1A: Financial Planning
& Performance**

**CMA1B: Financial
Reporting & Control**

Part 2: Financial Decision Making

- Financial Statement Analysis
- Corporate Finance
- Decision Analysis
- Risk Management
- Investment Decisions
- Professional Ethics

**CMA2A: Financial Decision
Making I**

**CMA2B: Financial Decision
Making II**

Section 1

About US CMA

Accounting & Finance professional qualifications

Public Accounting



India - CA

- 16 exams
- Graduation not required

UK - ACCA

- 14 exams
- Graduation not required

US - CPA

- 4 exams
- Graduation required

Management Accounting



India - CMA

- 20 exams
- Graduation not required

UK - CIMA

- 16 exams
- Graduation not required

US - CMA

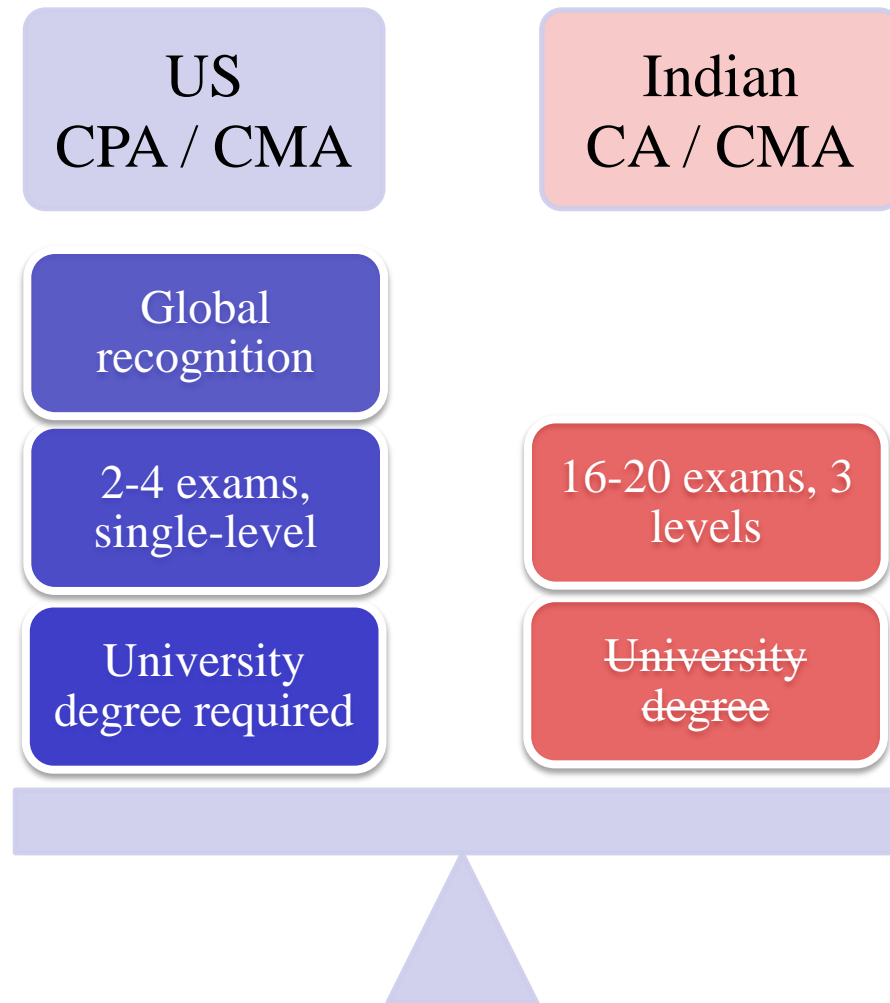
- 2 exams
- Graduation required

US CMA Integration

About US CMA

Why only 2-4 exams for US CPA/CMA certifications?

- **US professional qualifications “COMPLEMENT” UNIVERSITY EDUCATION** – e.g., to be a CPA, CMA or CFA, a university degree is mandatory
- Therefore, these are crisper in content and **focus only on skill-gaps that are needed to be a F&A professional**
- Designed to be **pursued alongside a full-time job** and to facilitate the **career progression for professionals**



- **Indian (or even UK) professional qualifications tend to “SUBSTITUTE” UNIVERSITY EDUCATION** – e.g., you can be an Indian CA, CMA or CS without being an under-graduate!
- Therefore, these are **lengthy and also encompass what a candidate would have covered (or simultaneously covers) in a university degree**

- CMA = 2 exams:
- Focus on **“FINANCE”**
 - 4-hours exam each with **75% MCQs** and 25% Essays
 - Highest US management accounting qualification

CMA: 2 parts, focus on finance, 75% MCQs

Part 1: Financial Reporting, Planning, Performance & Control

- External Financial Reporting Decisions
- Planning, Budgeting & Forecasting
- Performance Management
- Cost Management
- Internal Controls

Part 2: Financial Decision Making

- Financial Statement Analysis
- Corporate Finance
- Decision Analysis
- Risk Management
- Investment Decisions
- Professional Ethics

US CMA Integration

- The IMA (US) and ICWAI (India) MoU is testimony to IMA's (and US CMA's) global recognition
- IMA's global presence:
 - **US**
 - **Europe**
 - **Middle East**
 - **China** (exams in Chinese as well)
 - **Singapore**

About US CMA

IMA's global recognition | MoU with ICWAI (India)



The Association of
Accountants and
Financial Professionals
in Business



The Institute of Cost Accountants of India (formerly ICWAI) has entered into a Memorandum of Understanding (MoU) with the Institute of Management Accountants (IMA), US, to enable mutual recognition and cooperation between the two institutes to develop the profession of Management Accountancy.

The MoU enables recognition of the professional qualification of the respective Institutes. A member of ICWAI can get enrolled as a member of IMA (US) and vice versa.

Refer: <http://icmai.in/icmai/aboutus/mou/MOUwithIMA.php>

US CMA Integration

- Big 4 and MNCs across India sponsor the CPA/CMA program @Miles

About US CMA

Miles' Corporate Tie-ups for CPA/CMA training



- Many universities have integrated the US CMA program with their B.Com / BBA curriculum reflecting the recognition and credibility of the CMA program

Miles University partnerships for CMA



O.P. Jindal Global University
A Private University Promoting Public Service



Section 2

**Integration of US CMA with
University curriculum**



The Association of
Accountants and
Financial Professionals
in Business

WILEY



CMA 2 parts => Breakdown to 4 subjects

Part 1: Financial Reporting, Planning, Performance & Control

- Planning, Budgeting & Forecasting
- Performance Management
- External Financial Reporting Decisions
- Cost Management
- Internal Controls

**CMA1A: Financial Planning
& Performance**

**CMA1B: Financial
Reporting & Control**

Part 2: Financial Decision Making

- Financial Statement Analysis
- Corporate Finance
- Decision Analysis
- Risk Management
- Investment Decisions
- Professional Ethics

**CMA2A: Financial Decision
Making I**

**CMA2B: Financial Decision
Making II**

Recommendations for CMA Integration

- **For B.Com (Hons.) :**

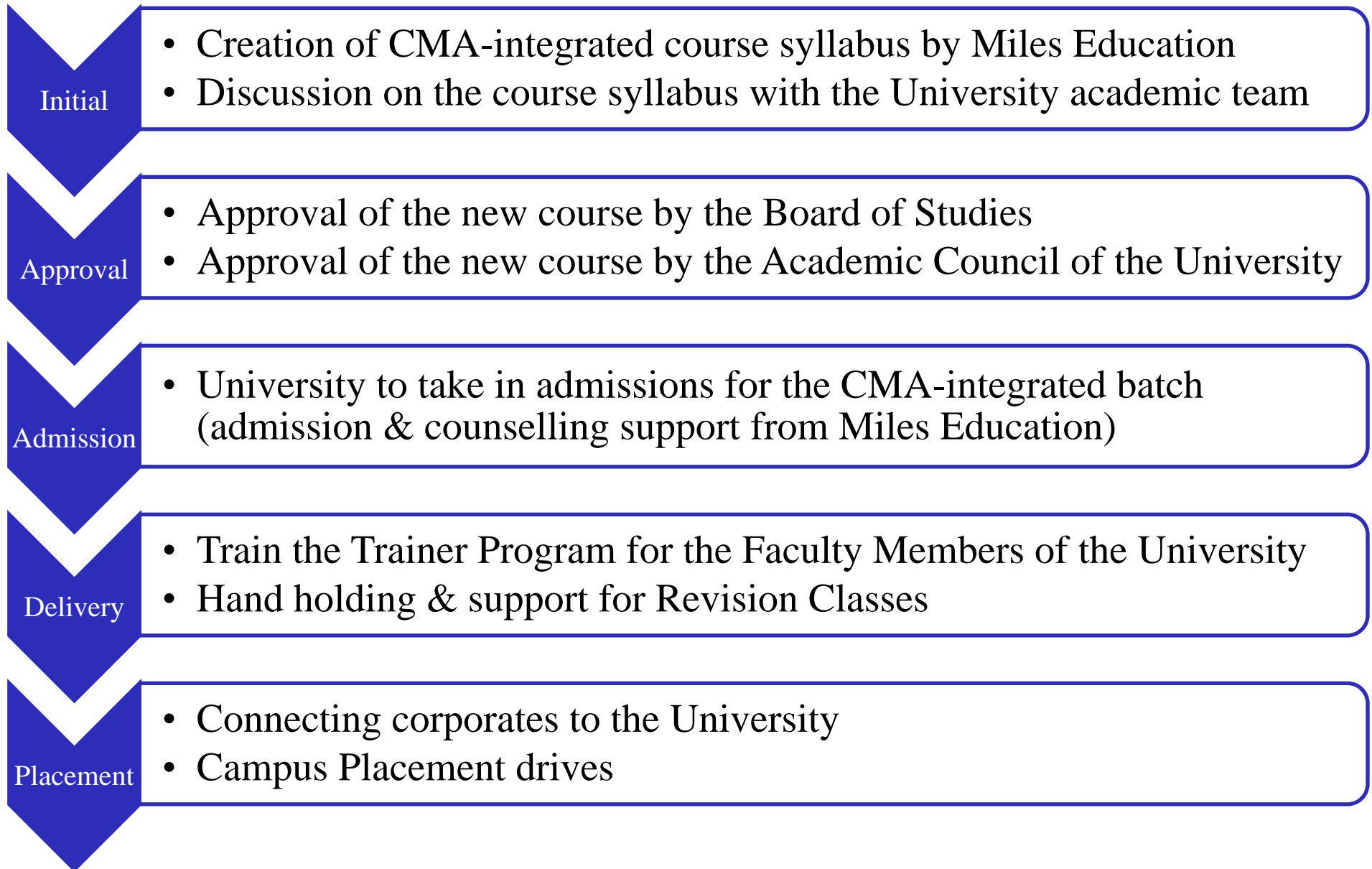
- **Add 4 subjects** covering the entire CMA exam content:

- Financial Planning & Performance,
- Financial Reporting & Control,
- Financial Decision Making I,
- Financial Decision Making II

[These 4 subjects should be included in Semesters I-IV so that the student can clear the CMA exams before he/she completes Semester V; and will be eligible for differential placement as an IMA member who has cleared his/her CMA exams]

- **Eliminate overlap subjects** like Cost Accounting, Management Accounting, Financial Management and Corporate Strategy which are over 80% covered by CMA exam content
- Move certain subjects from Semesters I, II and III to Semesters V and VI to accommodate the increase in intensity of the coursework in the earlier semesters

Integration Process Flow



US CMA Integration

- IMA-Wiley-Miles have a tri-party agreement whereby Miles Education is the “official” training partner of IMA in India and offers CMA training using the “official” IMA-licensed Wiley CMA-excel Learning System



Role of IMA – Wiley – Miles

IMA-Wiley-Miles Tri-party Arrangement in India



Institute of Management Accountants, USA - Offers the CMA certification

WILEY

Wiley - Publisher of “official” IMA study materials & online test-bank



Miles Education - IMA’s “official” training provider in India for CMA

- Use of “official” IMA study materials entitles candidates to a **special discounted bundle pricing** whereby the cost of these study materials is predominantly covered in the IMA fees

ONLY “official” study materials licensed by IMA

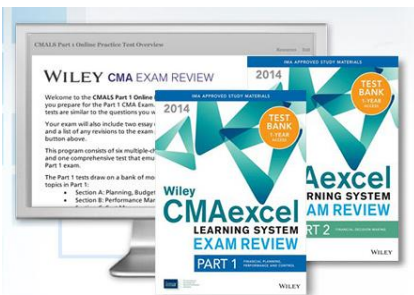


CMA Learning System (published by Wiley)

- **IMA approved** study material
- Includes:
 - Study material for Part 1 and Part 2 [useful for conceptual understanding]
 - Online test bank access for Part 1 and Part 2 [useful for practice questions and mock exams]

US CMA Integration

- IMA-Wiley-Miles are working with universities to integrate the CMA course content into their university curriculum
- Wiley is the global publisher of “official” IMA-licensed Wiley CMA-excel Learning System



Role of IMA – Wiley – Miles

Role of IMA & Wiley

- **Role of IMA:**
 - IMA conducts the CMA exams and offers the CMA certification
 - IMA would endorse the University program post-integration under the IMA’s Higher Education Endorsement Program
 - IMA would provide forums where the faculty members could participate in joint research especially in the areas of management accounting and finance
 - IMA may approve a student chapter at the institution subject to minimum member count requirements and other conditions
- **Role of Wiley:**
 - Wiley is the global publisher of official IMA-licensed study materials (Wiley CMA-excel Learning System) which includes textbooks and an online access. This would be used as the study materials for the 4 subjects that have been recommended to be added as part of the CMA integration

US CMA Integration

- Miles Education is the “official” partner of IMA to offer CMA training across India using official IMA-licensed Wiley study materials [under a tri-partite agreement between IMA, Wiley and Miles]
- Miles has developed a unique training delivery model for the CMA program

Role of Miles

- **Role of Miles:**
 - Miles will be responsible for providing the **official IMA study materials (Wiley CMA-excel Learning System)** to the institution
 - Miles would also provide **Miles notes** and **Miles training videos** which would be instructor-aids and would also be used as add-ons for classroom delivery
 - Miles would take up the “**Train The Trainer**” program to train and guide university faculty to take up the classes for the CMA subjects
 - Miles would facilitate a **few hours of revision classes/training by in-house faculty (with industry experience) and/or industry experts** to ensure that:
 - Students are well prepared for the CMA exams
 - Students are able to derive the desired value proposition and are able to apply theory to practice via the use of live examples and case studies
 - Miles would assist the students in **application and other CMA exams and certification formalities**. Further, students may be eligible for **special IMA discounts** provided to Indian candidates via the IMA-Wiley-Miles partnership
 - Miles would assist the students who have cleared the CMA exams with **differential placements** (as part of the campus recruitment drive)

Appendix A

About Miles Education



The Association of
Accountants and
Financial Professionals
in Business

WILEY

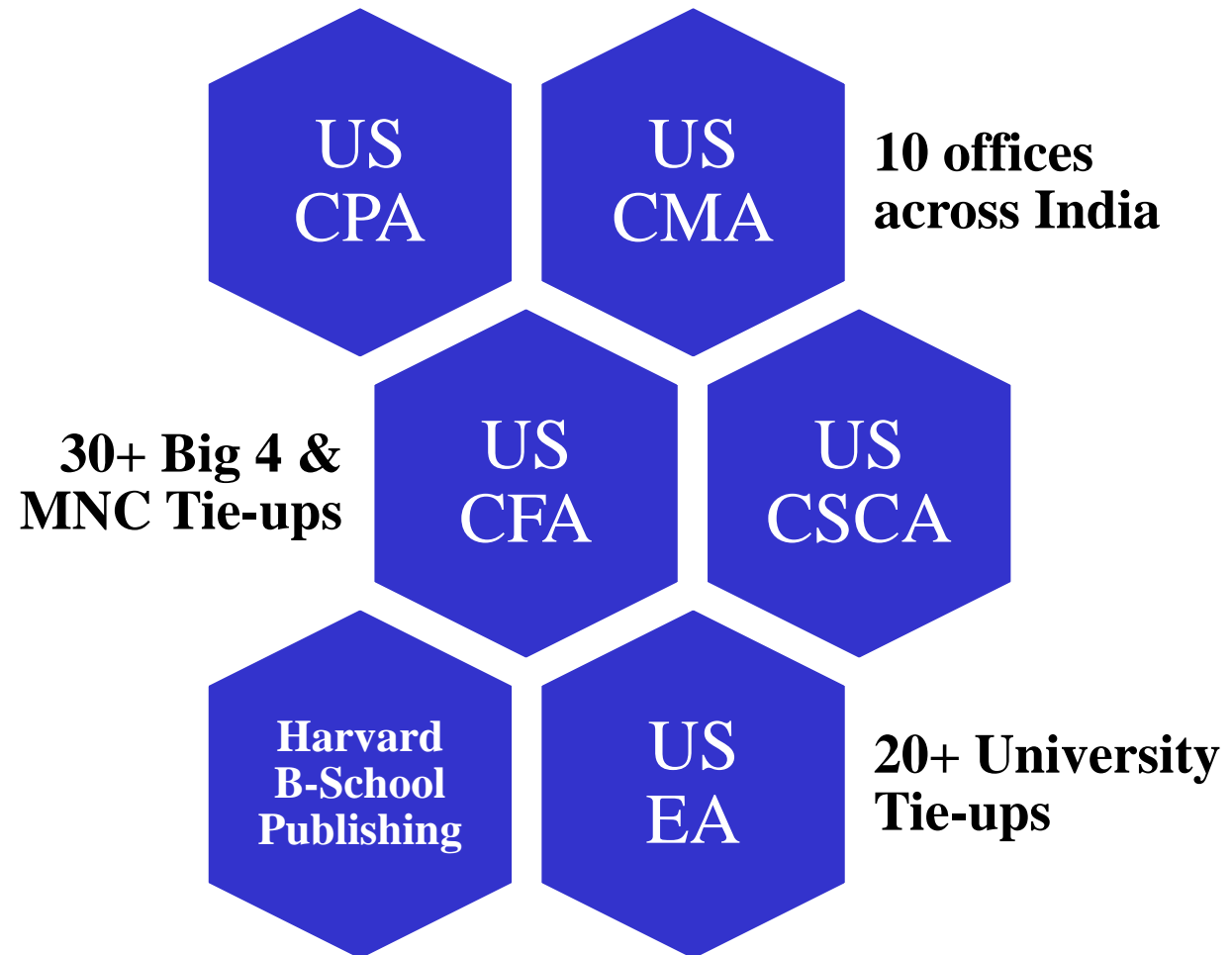


US CMA Integration

- Miles is the pioneer & largest training provider in India for:
 - US CPA
 - US CMA
 - US CFA IF
- Miles is registered / approved partner of:
 - AICPA, US
 - IMA, US
 - CFA Institute, US

About Miles Education

Miles Education - Offerings




US CMA Integration

- Miles has offices and training centres across 10 cities in India

About Miles Education

Miles Education - Presence in India

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B.Com (Hons.) - Strategic Finance Integrated with US CMA



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Paper	Course Title	Credits	Comments
SEMESTER I			
1.1	Language -I- Local/Foreign	4	
1.2	Language -II - English	4	
1.3	Financial Accounting	4	
1.4	Indian Financial System	4	Move to Semester V
1.5	Management & Behavioural process	4	
1.6	Corporate Law & Governance	4	
1.7	Quantitative Analysis-1	4	
1.8	CBCS - Indian Constitution	2	
1.9	Value Education	1	
CMA 1A	Financial Planning & Performance		CMA Part 1 content (Section B, C & F)
	Total Credits	31	
SEMESTER II			
2.1	Language - I	4	
2.2	Language - II - English	4	
2.3	Corporate Accounting-1	4	
2.4	Quantitative Analysis-2	4	
2.5	Banking Law and Operations	4	
2.6	Financial Management	4	Remove - Covered in CMA 2A
2.7	Market Behaviour and Cost Analysis	4	
2.8	CBCS - Environmental Science	2	
2.9	Value Education	1	
2.1	Internship in Service Industry	0	
CMA 1B	Financial Analytics & Control		CMA Part 1 content (Section A, D & E)
	Total Credits	31	
SEMESTER III			
3.1	Corporate Accounting-2	4	
3.2	Costing -I	4	Remove - Covered in CMA 1B & 2B
3.3	Service Marketing Management	4	
3.4	Production & Operations Management	4	Move to Semester VI
3.5	International Business	4	
3.6	Soft Skills	4	
3.7	Human Resource Management	4	
3.8	IDC	2	
3.9	CDP (Village Camp)	0	
CMA 1C	Financial Reporting		CMA Part 2 content (Section A & B)
CMA 2A	Financial Decision Making - I		CMA Part 2 content (Section A & B)
	Total Credits	30	

B.Com (Hons.) - Strategic Finance Integrated with US CMA



The Association of
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Paper	Course Title	Credits	Comments
SEMESTER IV			
4.1	Entrepreneurship Development	4	
4.2	Costing - II	4	Remove - Covered in CMA 1B & 2B
4.3	Supply Chain Management	4	
4.4	Principles of Marketing	4	
4.5	Business Law	4	
4.6	Research Methodology	4	
4.7	Business Information System	4	
4.8	IDC	2	
4.9	Internship in NGO	0	
CMA 2B	Financial Decision Making - II		CMA Part 2 content (Section C, D, E & F)
	Total Credits	30	
SEMESTER V			
5.1	Management Accounting	4	Remove - Covered in CMA 1A, 1B, 2A & 2B
5.2	Taxation-I	4	
5.3	Corporate Reporting & Ind AS	4	
5.4	Advanced Corporate Accounting/International Finance	4	
5.5	IFRS and Financial Reporting/Strategic Financial Management	4	Remove - IFRS covered in CMA 1C / SFM covered in 2A & 2B
5.6	Business Taxation/Security Analysis & Portfolio Management	4	
5.7	Corporate Tax Planning/Financial Risk Management	4	
5.8	Research Project	4	
5.8	Value Education	1	
5.9	Internship in Accounting & Auditing Firms	0	
CPA	International Auditing		CPA content: US & International Auditing Standards
	Total Credits	33	
SEMESTER VI			
6.1	Enterprise Resource Planning (SAP)	4	
6.1	Quantitative techniques	4	
6.2	Taxation - II	4	
6.3	Advanced Corporate Accounting/International Finance	4	
6.4	IFRS and Financial Reporting/Strategic Financial Management	4	Remove - IFRS covered in CMA 1C / SFM covered in 2A & 2B
6.5	Business Taxation/Security Analysis & Portfolio Management	4	
6.6	Corporate Tax Planning/Financial Risk Management	4	
6.7	Value Education	1	
6.8	Project Report	0	
	Total Credits	29	

Learning Outcome Statements



IMA's Certification for
Accountants and
Financial Professionals
in Business

Effective: January 1, 2020

Institute of Certified Management Accountants
Certified Management Accountant
Learning Outcome Statements
(Content Specification Outline effective January 2020)

Part 1 – Financial Planning, Performance, and Analytics

Section A. External Financial Reporting Decisions (15% - Levels A, B, and C)

Part 1 – Section A.1. Financial statements

For the balance sheet, income statement, statement of changes in equity, and the statement of cash flows, the candidate should be able to:

- a. identify the users of these financial statements and their needs
- b. demonstrate an understanding of the purposes and uses of each statement
- c. identify the major components and classifications of each statement
- d. identify the limitations of each financial statement
- e. identify how various financial transactions affect the elements of each of the financial statements and determine the proper classification of the transaction
- f. demonstrate an understanding of the relationship among the financial statements
- g. demonstrate an understanding of how a balance sheet, an income statement, a statement of changes in equity, and a statement of cash flows (indirect method) are prepared

With respect to integrated reporting, the candidate should be able to:

- h. define integrated reporting (IR), integrated thinking, and the integrated report and demonstrate an understanding of the relationship between them
- i. identify the primary purpose of IR
- j. explain the fundamental concepts of value creation, the six capitals, and the value creation process
- k. identify elements of an integrated report; i.e., organizational overview and external environment, governance, business model, risks and opportunities, strategy and resource allocation, performance, outlook, basis of preparation, and presentation
- l. identify and explain the benefits and challenges of adopting IR

Part 1 – Section A.2. Recognition, measurement, valuation, and disclosure

The candidate should be able to:

Asset valuation

- a. identify issues related to the valuation of accounts receivable, including timing of recognition and estimation of the allowance for credit losses
- b. distinguish between receivables sold (factoring) on a with-recourse basis and those sold on a without-recourse basis, and determine the effect on the balance sheet
- c. identify issues in inventory valuation, including which goods to include, what costs to include, and which cost assumption to use

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- d. identify and compare cost flow assumptions used in accounting for inventories
- e. demonstrate an understanding of the lower of cost or market rule for LIFO and the retail inventory method and the lower of cost and net realizable value rule for all other inventory methods
- f. calculate the effect on income and on assets of using different inventory methods
- g. analyze the effects of inventory errors
- h. identify advantages and disadvantages of the different inventory methods
- i. recommend the inventory method and cost flow assumption that should be used for a firm given a set of facts
- j. demonstrate an understanding of the following debt security types: trading, available-for-sale, and held-to-maturity
- k. demonstrate an understanding of the valuation of debt and equity securities
- l. determine the effect on the financial statements of using different depreciation methods
- m. recommend a depreciation method for a given set of data
- n. demonstrate an understanding of the accounting for impairment of long-term assets and intangible assets, including goodwill

Valuation of liabilities

- o. identify the classification issues of short-term debt expected to be refinanced
- p. compare the effect on financial statements when using either the assurance warranty approach or the service warranty approach for accounting for warranties

Income taxes (applies to Assets and Liabilities subtopics)

- q. demonstrate an understanding of interperiod tax allocation/deferred income taxes
- r. distinguish between deferred tax liabilities and deferred tax assets
- s. differentiate between temporary differences and permanent differences and identify examples of each

Leases (applies to Assets and Liabilities subtopics)

- t. distinguish between operating and finance leases
- u. recognize the correct financial statement presentation of operating and finance leases

Equity transactions

- v. identify transactions that affect paid-in capital and those that affect retained earnings
- w. determine the effect on shareholders' equity of large and small stock dividends, and stock splits

Revenue recognition

- x. apply revenue recognition principles to various types of transactions
- y. demonstrate an understanding of revenue recognition for contracts with customers using the five steps required to recognize revenue
- z. demonstrate an understanding of the matching principle with respect to revenues and expenses and be able to apply it to a specific situation

Income measurement

- aa. define gains and losses and indicate the proper financial statement presentation

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- bb. demonstrate an understanding of the treatment of gain or loss on the disposal of fixed assets
- cc. demonstrate an understanding of expense recognition practices
- dd. define and calculate comprehensive income
- ee. identify the correct treatment of discontinued operations

GAAP – IFRS differences

Major differences in reported financial results when using GAAP vs. IFRS and the impact on analysis

- ff. identify and describe the following differences between U.S. GAAP and IFRS: (i) expense recognition, with respect to share-based payments and employee benefits; (ii) intangible assets, with respect to development costs and revaluation; (iii) inventories, with respect to costing methods, valuation, and write-downs (e.g., LIFO); (iv) leases, with respect to lessee operating and finance leases; (v) long-lived assets, with respect to revaluation, depreciation, and capitalization of borrowing costs; and (vi) impairment of assets, with respect to determination, calculation, and reversal of loss

Section B. Planning, Budgeting, and Forecasting (20% - Levels A, B, and C)

Part 1 – Section B.1. Strategic planning

The candidate should be able to:

- a. discuss how strategic planning determines the path an organization chooses for attaining its long-term goals, vision, and mission, and distinguish between vision and mission
- b. identify the time frame appropriate for a strategic plan
- c. identify the external factors that should be analyzed during the strategic planning process and understand how this analysis leads to recognition of organizational opportunities, limitations, and threats
- d. identify the internal factors that should be analyzed during the strategic planning process and explain how this analysis leads to recognition of organizational strengths, weaknesses, and competitive advantages
- e. demonstrate an understanding of how the mission leads to the formulation of long-term business objectives such as business diversification, the addition or deletion of product lines, or the penetration of new markets
- f. explain why short-term objectives, tactics for achieving these objectives, and operational planning (master budget) must be congruent with the strategic plan and contribute to the achievement of long-term strategic goals
- g. identify the characteristics of successful strategic plans
- h. describe Porter's generic strategies, including cost leadership, differentiation, and focus
- i. demonstrate an understanding of the following planning tools and techniques: SWOT analysis, Porter's 5 forces, situational analysis, PEST analysis, scenario

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planning, competitive analysis, contingency planning, and the BCG Growth-Share Matrix

Part 1 – Section B.2. Budgeting concepts

The candidate should be able to:

- a. describe the role that budgeting plays in the overall planning and performance evaluation process of an organization
- b. explain the interrelationships between economic conditions, industry situation, and a firm's plans and budgets
- c. identify the role that budgeting plays in formulating short-term objectives and planning and controlling operations to meet those objectives
- d. demonstrate an understanding of the role that budgets play in measuring performance against established goals
- e. identify the characteristics that define successful budgeting processes
- f. explain how the budgeting process facilitates communication among organizational units and enhances coordination of organizational activities
- g. describe the concept of a controllable cost as it relates to both budgeting and performance evaluation
- h. explain how the efficient allocation of organizational resources are planned during the budgeting process
- i. identify the appropriate time frame for various types of budgets
- j. identify who should participate in the budgeting process for optimum success
- k. describe the role of top management in successful budgeting
- l. demonstrate an understanding of the use of cost standards in budgeting
- m. differentiate between ideal (theoretical) standards and currently attainable (practical) standards
- n. differentiate between authoritative standards and participative standards
- o. identify the steps to be taken in developing standards for both direct material and direct labor
- p. demonstrate an understanding of the techniques that are used to develop standards such as activity analysis and the use of historical data
- q. discuss the importance of a policy that allows budget revisions that accommodate the impact of significant changes in budget assumptions
- r. explain the role of budgets in monitoring and controlling expenditures to meet strategic objectives
- s. define budgetary slack and discuss its impact on goal congruence

Part 1 – Section B.3. Forecasting techniques

The candidate should be able to:

- a. demonstrate an understanding of a simple regression equation
- b. define a multiple regression equation and recognize when multiple regression is an appropriate tool to use for forecasting
- c. calculate the result of a simple regression equation
- d. demonstrate an understanding of learning curve analysis

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- e. calculate the results under a cumulative average-time learning model
- f. list the benefits and shortcomings of regression analysis and learning curve analysis
- g. calculate the expected value of random variables
- h. identify the benefits and shortcomings of expected value techniques
- i. use probability values to estimate future cash flows

Part 1 – Section B.4. Budget methodologies

For each of the budget systems identified (annual/master budgets, project budgeting, activity-based budgeting, zero-based budgeting, continuous (rolling) budgets, and flexible budgeting), the candidate should be able to:

- a. define its purpose, appropriate use, and time frame
- b. identify the budget components and explain the interrelationships among the components
- c. demonstrate an understanding of how the budget is developed
- d. compare and contrast the benefits and limitations of the budget system
- e. evaluate a business situation and recommend the appropriate budget solution
- f. prepare budgets on the basis of information presented
- g. calculate the impact of incremental changes to budgets

Part 1 – Section B.5. Annual profit plan and supporting schedules

The candidate should be able to:

- a. explain the role of the sales budget in the development of an annual profit plan
- b. identify the factors that should be considered when preparing a sales forecast
- c. identify the components of a sales budget and prepare a sales budget
- d. explain the relationship between the sales budget and the production budget
- e. identify the role that inventory levels play in the preparation of a production budget and define other factors that should be considered when preparing a production budget
- f. prepare a production budget
- g. demonstrate an understanding of the relationship between the direct materials budget, the direct labor budget, and the production budget
- h. explain how inventory levels and procurement policies affect the direct materials budget
- i. prepare direct materials and direct labor budgets based on relevant information and evaluate the feasibility of achieving production goals on the basis of these budgets
- j. demonstrate an understanding of the relationship between the overhead budget and the production budget
- k. separate costs into their fixed and variable components
- l. prepare an overhead budget
- m. identify the components of the cost of goods sold budget and prepare a cost of goods sold budget

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- n. demonstrate an understanding of contribution margin per unit and total contribution margin, identify the appropriate use of these concepts, and calculate both unit and total contribution margin
- o. identify the components of the selling and administrative expense budget
- p. explain how specific components of the selling and administrative expense budget may affect the contribution margin
- q. prepare an operational (operating) budget
- r. prepare a capital expenditure budget
- s. demonstrate an understanding of the relationship between the capital expenditure budget, the cash budget, and the pro forma financial statements
- t. define the purposes of the cash budget and describe the relationship between the cash budget and all other budgets
- u. demonstrate an understanding of the relationship between credit policies and purchasing (payables) policies and the cash budget
- v. prepare a cash budget

Part 1 – Section B.6. Top-level planning and analysis

The candidate should be able to:

- a. define the purpose of a pro forma income statement, a pro forma balance sheet, and a pro forma statement of cash flows, and demonstrate an understanding of the relationship among these statements and all other budgets
- b. prepare pro forma income statements based on several revenue and cost assumptions
- c. evaluate whether a company has achieved strategic objectives based on pro forma income statements
- d. use financial projections to prepare a pro forma balance sheet and a pro forma statement of cash flows
- e. identify the factors required to prepare medium- and long-term cash forecasts
- f. use financial projections to determine required outside financing and dividend policy

Section C. Performance Management (20% - Levels A, B, and C)

Part 1 – Section C.1. Cost and variance measures

The candidate should be able to:

- a. analyze performance against operational goals using measures based on revenue, manufacturing costs, non-manufacturing costs, and profit depending on the type of center or unit being measured
- b. explain the reasons for variances within a performance monitoring system
- c. prepare a performance analysis by comparing actual results to the master budget, calculate favorable and unfavorable variances from the budget, and provide explanations for variances
- d. identify and describe the benefits and limitations of measuring performance by comparing actual results to the master budget

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- e. analyze a flexible budget based on actual sales (output) volume
- f. calculate the sales-volume variance and the sales-price variance by comparing the flexible budget to the master (static) budget
- g. calculate the flexible-budget variance by comparing actual results to the flexible budget
- h. investigate the flexible-budget variance to determine individual differences between actual and budgeted input prices and input quantities
- i. explain how budget variance reporting is utilized in a management by exception environment
- j. define a standard cost system and identify the reasons for adopting a standard cost system
- k. demonstrate an understanding of price (rate) variances and calculate the price variances related to direct material and direct labor inputs
- l. demonstrate an understanding of efficiency (usage) variances and calculate the efficiency variances related to direct material and direct labor inputs
- m. demonstrate an understanding of spending and efficiency variances as they relate to fixed and variable overhead
- n. calculate a sales-mix variance and explain its impact on revenue and contribution margin
- o. calculate and explain a mix variance
- p. calculate and explain a yield variance
- q. demonstrate how price, efficiency, spending, and mix variances can be applied in service companies as well as manufacturing companies
- r. analyze factory overhead variances by calculating variable overhead spending variance, variable overhead efficiency variance, fixed overhead spending variance, and production volume variance
- s. analyze variances, identify causes, and recommend corrective actions

Part 1 – Section C.2. Responsibility centers and reporting segments

The candidate should be able to:

- a. identify and explain the different types of responsibility centers
- b. recommend appropriate responsibility centers given a business scenario
- c. calculate a contribution margin
- d. analyze a contribution margin report and evaluate performance
- e. identify segments that organizations evaluate, including product lines, geographical areas, or other meaningful segments
- f. explain why the allocation of common costs among segments can be an issue in performance evaluation
- g. identify methods for allocating common costs such as stand-alone cost allocation and incremental cost allocation
- h. define transfer pricing and identify the objectives of transfer pricing
- i. identify the methods for determining transfer prices and list and explain the advantages and disadvantages of each method
- j. identify and calculate transfer prices using variable cost, full cost, market price, negotiated price, and dual-rate pricing

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- k. explain how transfer pricing is affected by business issues such as the presence of outside suppliers and the opportunity costs associated with capacity usage
- l. describe how special issues such as tariffs, exchange rates, taxes, currency restrictions, expropriation risk, and the availability of materials and skills affect performance evaluation in multinational companies

Part 1 – Section C.3. Performance measures

The candidate should be able to:

- a. explain why performance evaluation measures should be directly related to strategic and operational goals and objectives; why timely feedback is critical; and why performance measures should be related to the factors that drive the element being measured, e.g., cost drivers and revenue drivers
- b. explain the issues involved in determining product profitability, business unit profitability, and customer profitability, including cost measurement, cost allocation, investment measurement, and valuation
- c. calculate product-line profitability, business unit profitability, and customer profitability
- d. evaluate customers and products on the basis of profitability and recommend ways to improve profitability and/or drop unprofitable customers and products
- e. define and calculate return on investment (ROI)
- f. analyze and interpret ROI calculations
- g. define and calculate residual income (RI)
- h. analyze and interpret RI calculations
- i. compare and contrast the benefits and limitations of ROI and RI as measures of performance
- j. explain how revenue and expense recognition policies may affect the measurement of income and reduce comparability among business units
- k. explain how inventory measurement policies, joint asset sharing, and overall asset measurement policies may affect the measurement of investment and reduce comparability among business units
- l. define key performance indicators (KPIs) and discuss the importance of these indicators in evaluating a firm
- m. define the concept of a balanced scorecard and identify its components
- n. identify and describe the perspectives of a balanced scorecard, including financial, customer, internal process, and learning and growth
- o. identify and describe the characteristics of successful implementation and use of a balanced scorecard
- p. demonstrate an understanding of a strategy map and the role it plays
- q. analyze and interpret a balanced scorecard and evaluate performance on the basis of the analysis
- r. recommend performance measures and a periodic reporting methodology given operational goals and actual results

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Section D. Cost Management (15% - Levels A, B, and C)

Part 1 – Section D.1. Measurement concepts

The candidate should be able to:

- a. calculate fixed, variable, and mixed costs and demonstrate an understanding of the behavior of each in the long and short term and how a change in assumptions regarding cost type or relevant range affects these costs
- b. identify cost objects and cost pools and assign costs to appropriate activities
- c. demonstrate an understanding of the nature and types of cost drivers and the causal relationship that exists between cost drivers and costs incurred
- d. demonstrate an understanding of the various methods for measuring costs and accumulating work-in-process and finished goods inventories
- e. identify and define cost measurement techniques such as actual costing, normal costing, and standard costing; calculate costs using each of these techniques; identify the appropriate use of each technique; and describe the benefits and limitations of each technique
- f. demonstrate an understanding of variable (direct) costing and absorption (full) costing and the benefits and limitations of these measurement concepts
- g. calculate inventory costs, cost of goods sold, and operating profit using both variable costing and absorption costing
- h. demonstrate an understanding of how the use of variable costing or absorption costing affects the value of inventory, cost of goods sold, and operating income
- i. prepare summary income statements using variable costing and absorption costing
- j. determine the appropriate use of joint product and by-product costing
- k. demonstrate an understanding of concepts such as split-off point and separable costs
- l. determine the allocation of joint product and by-product costs using the physical measure method, the sales value at split-off method, constant gross profit (gross margin) method, and the net realizable value method; describe the benefits and limitations of each method

Part 1 – Section D.2. Costing systems

For each cost accumulation system identified (job order costing, process costing, activity-based costing, life-cycle costing), the candidate should be able to:

- a. define the nature of the system, understand the cost flows of the system, and identify its appropriate use
- b. calculate inventory values and cost of goods sold
- c. demonstrate an understanding of the proper accounting for normal and abnormal spoilage
- d. discuss the strategic value of cost information regarding products and services, pricing, overhead allocations, and other issues
- e. identify and describe the benefits and limitations of each cost accumulation system

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- f. demonstrate an understanding of the concept of equivalent units in process costing and calculate the value of equivalent units
- g. define the elements of activity-based costing such as cost pool, cost driver, resource driver, activity driver, and value-added activity
- h. calculate product cost using an activity-based system and compare and analyze the results with costs calculated using a traditional system
- i. explain how activity-based costing can be utilized in service firms
- j. demonstrate an understanding of the concept of life-cycle costing and the strategic value of including upstream costs, manufacturing costs, and downstream costs

Part 1 – Section D.3. Overhead costs

The candidate should be able to:

- a. distinguish between fixed and variable overhead expenses
- b. determine the appropriate time frame for classifying both variable and fixed overhead expenses
- c. demonstrate an understanding of the different methods of determining overhead rates, e.g., plant-wide rates, departmental rates, and individual cost driver rates
- d. describe the benefits and limitations of each of the methods used to determine overhead rates
- e. identify the components of variable overhead expense
- f. determine the appropriate allocation base for variable overhead expenses
- g. calculate the per unit variable overhead expense
- h. identify the components of fixed overhead expense
- i. identify the appropriate allocation base for fixed overhead expense
- j. calculate the fixed overhead application rate
- k. describe how fixed overhead can be over- or under-applied and how this difference should be accounted for in the cost of goods sold, work-in-process, and finished goods accounts
- l. compare and contrast traditional overhead allocation with activity-based overhead allocation
- m. calculate overhead expense in an activity-based costing setting
- n. identify and describe the benefits derived from activity-based overhead allocation
- o. explain why companies allocate the cost of service departments such as Human Resources or Information Technology to divisions, departments, or activities
- p. calculate service or support department cost allocations using the direct method, the reciprocal method, the step-down method, and the dual allocation method
- q. estimate fixed costs using the high-low method and demonstrate an understanding of how regression can be used to estimate fixed costs

Part 1 – Section D.4. Supply chain management

The candidate should be able to:

- a. explain supply chain management
- b. define lean resource management techniques

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- c. identify and describe the operational benefits of implementing lean resource management techniques
- d. define materials requirements planning (MRP)
- e. identify and describe the operational benefits of implementing a just-in-time (JIT) system
- f. identify and describe the operational benefits of enterprise resource planning (ERP)
- g. explain the concept of outsourcing and identify the benefits and limitations of choosing this option
- h. demonstrate a general understanding of the Theory of Constraints
- i. identify the five steps involved in Theory of Constraints analysis
- j. define throughput costing (super-variable costing) and calculate inventory costs using throughput costing
- k. define and calculate throughput contribution
- l. describe how capacity level affects product costing, capacity management, pricing decisions, and financial statements
- m. explain how using practical capacity as the denominator for the fixed cost allocation rate enhances capacity management
- n. calculate the financial impact of implementing the above-mentioned methods

Part 1. D.5. Business process improvement

The candidate should be able to:

- a. define value chain analysis
- b. identify the steps in value chain analysis
- c. explain how value chain analysis is used to better understand a firm's competitive advantage
- d. define, identify, and provide examples of a value-added activity and explain how the value-added concept is related to improving performance
- e. demonstrate an understanding of process analysis and business process reengineering, and calculate the resulting savings
- f. define best practice analysis and discuss how it can be used by an organization to improve performance
- g. demonstrate an understanding of benchmarking process performance
- h. identify the benefits of benchmarking in creating a competitive advantage
- i. apply activity-based management principles to recommend process performance improvements
- j. explain the relationship among continuous improvement techniques, activity-based management, and quality performance
- k. explain the concept of continuous improvement and how it relates to implementing ideal standards and quality improvements
- l. describe and identify the components of the costs of quality, commonly referred to as prevention costs, appraisal costs, internal failure costs, and external failure costs
- m. calculate the financial impact of implementing the above-mentioned processes

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- n. identify and discuss ways to make accounting operations more efficient, including process walk-throughs, process training, identification of waste and overcapacity, identifying the root cause of errors, reducing the accounting close cycle (fast close), and shared services

Section E. Internal Controls (15% - Levels A, B, and C)

Part 1 – Section E.1 Governance, risk, and compliance

The candidate should be able to:

- a. demonstrate an understanding of internal control risk and the management of internal control risk
- b. identify and describe internal control objectives
- c. explain how a company's organizational structure, policies, objectives, and goals, as well as its management philosophy and style, influence the scope and effectiveness of the control environment
- d. identify the board of directors' responsibilities with respect to ensuring that the company is operated in the best interest of shareholders
- e. identify the hierarchy of corporate governance; i.e., articles of incorporation, bylaws, policies, and procedures
- f. demonstrate an understanding of corporate governance, including rights and responsibilities of the CEO, the board of directors, the audit committee, managers and other stakeholders; and the procedures for making corporate decisions
- g. describe how internal controls are designed to provide reasonable (but not absolute) assurance regarding achievement of an entity's objectives involving (i) effectiveness and efficiency of operations, (ii) reliability of financial reporting, and (iii) compliance with applicable laws and regulations
- h. explain why personnel policies and procedures are integral to an efficient control environment
- i. define and give examples of segregation of duties
- j. explain why the following four types of functional responsibilities should be performed by different departments or different people within the same function: (i) authority to execute transactions, (ii) recording transactions, (iii) custody of assets involved in the transactions, and (iv) periodic reconciliations of the existing assets to recorded amounts
- k. demonstrate an understanding of the importance of independent checks and verification
- l. identify examples of safeguarding controls
- m. explain how the use of pre-numbered forms, as well as specific policies and procedures detailing who is authorized to receive specific documents, is a means of control
- n. define inherent risk, control risk, and detection risk
- o. define and distinguish between preventive controls and detective controls
- p. describe the major internal control provisions of the Sarbanes-Oxley Act (Sections 201, 203, 204, 302, 404, and 407)

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- q. identify the role of the PCAOB in providing guidance on the auditing of internal controls
- r. differentiate between a top-down (risk-based) approach and a bottom-up approach to auditing internal controls
- s. identify the PCAOB preferred approach to auditing internal controls as outlined in Auditing Standard #5
- t. identify and describe the major internal control provisions of the Foreign Corrupt Practices Act
- u. identify and describe the five major components of COSO's Internal Control - Integrated Framework (2013)
- v. assess the level of internal control risk within an organization and recommend risk mitigation strategies
- w. demonstrate an understanding of external auditor responsibilities, including the types of audit opinions the external auditors issue

Part 1 – Section E.2 Systems controls and security measures

The candidate should be able to:

- a. describe how the segregation of accounting duties can enhance systems security
- b. identify threats to information systems, including input manipulation, program alteration, direct file alteration, data theft, sabotage, viruses, Trojan horses, theft, and phishing
- c. demonstrate an understanding of how systems development controls are used to enhance the accuracy, validity, safety, security, and adaptability of systems input, processing, output, and storage functions
- d. identify procedures to limit access to physical hardware
- e. identify means by which management can protect programs and databases from unauthorized use
- f. identify input controls, processing controls, and output controls and describe why each of these controls is necessary
- g. identify and describe the types of storage controls and demonstrate an understanding of when and why they are used
- h. identify and describe the inherent risks of using the internet as compared to data transmissions over secured transmission lines
- i. define data encryption and describe why there is a much greater need for data encryption methods when using the internet
- j. identify a firewall and its uses
- k. demonstrate an understanding of how flowcharts of activities are used to assess controls
- l. explain the importance of backing up all program and data files regularly, and storing the backups at a secure remote site
- m. define business continuity planning
- n. define the objective of a disaster recovery plan and identify the components of such a plan including hot, warm, and cold sites

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Part 1 - F. Technology and Analytics (15% - Levels A, B, and C)

Part 1 – Section F.1 Information systems

The candidate should be able to:

- a. identify the role of the accounting information system (AIS) in the value chain
- b. demonstrate an understanding of the accounting information system cycles, including revenue to cash, expenditures, production, human resources and payroll, financing, and property, plant, and equipment, as well as the general ledger (GL) and reporting system
- c. identify and explain the challenges of having separate financial and nonfinancial systems
- d. define enterprise resource planning (ERP) and its characteristics
- e. explain how ERP helps overcome the challenges of separate financial and nonfinancial systems, integrating all aspects of an organization's activities
- f. demonstrate an understanding of a database management system and describe its characteristics
- g. define a data warehouse
- h. define enterprise performance management (EPM) (also known as corporate performance management or CPM and business performance management or BPM)
- i. discuss how EPM can facilitate business planning and performance management

Part 1 – Section F.2 Data governance

The candidate should be able to:

- a. define data governance; i.e., managing the availability, usability, integrity, and security of data
- b. demonstrate a general understanding of data governance frameworks, such as COSO's Internal Control and Enterprise Risk Management frameworks and ISACA's COBIT (Control Objectives for Information and Related Technologies)
- c. identify the stages of the data life cycle; i.e., data capture, data maintenance, data synthesis, data usage, data analytics, data publication, data archival, and data purging
- d. discuss the importance of having a documented record retention (or records management) policy
- e. identify and explain controls and tools to detect and thwart cyberattacks, such as penetration and vulnerability testing, biometrics, and advanced firewalls

Part 1 – Section F.3 Technology-enabled finance transformation

The candidate should be able to:

- a. define the systems development life cycle (SDLC), including systems analysis, conceptual design, physical design, implementation and conversion, and operations and maintenance
- b. explain the role of business process analysis in improving system performance

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- c. define robotic process automation (RPA) and its benefits
- d. evaluate where technologies can improve efficiency and effectiveness of processing accounting data and information (e.g., artificial intelligence (AI))
- e. define cloud computing and describe how it can improve efficiency
- f. define software as a service (SaaS) and explain its advantages and disadvantages
- g. recognize potential applications of blockchain, distributed ledger, and smart contracts

Part 1 – Section F.4 Data analytics

The candidate should be able to:

Business intelligence

- a. define Big Data and describe the opportunities and challenges of leveraging insight from this data
- b. explain how structured, semi-structured, and unstructured data is used by a business enterprise
- c. describe the progression of data, from data to information to knowledge to insight to action
- d. describe the opportunities and challenges of managing data analytics
- e. explain why data and data science capability are strategic assets
- f. define business intelligence (BI); i.e., the collection of applications, tools, and best practices that transform data into actionable information in order to make better decisions and optimize performance

Data mining

- g. define data mining
- h. describe the challenges of data mining
- i. explain why data mining is an iterative process and both an art and a science
- j. explain how query tools (e.g., Structured Query Language (SQL)) are used to retrieve information
- k. describe how an analyst would mine large data sets to reveal patterns and provide insights

Analytic tools

- l. explain the challenge of fitting an analytic model to the data
- m. define the different types of data analytics, including descriptive, diagnostic, predictive, and prescriptive
- n. define the following analytic models: clustering, classification, and regression; determine when each would be the appropriate tool to use
- o. identify the elements of both simple and multiple regression equations
- p. calculate the result of regression equations as applied to a specific situation
- q. demonstrate an understanding of the coefficient of determination (or R squared)
- r. demonstrate an understanding of time series analyses, including trend, cyclical, seasonal, and irregular patterns
- s. identify and explain the benefits and limitations of regression analysis and time series analysis
- t. explain how to use predictive analytic techniques to draw insights and make recommendations

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- u. describe exploratory data analysis and how it is used to reveal patterns and discover insights
- v. define sensitivity analysis and identify when it would be the appropriate tool to use
- w. demonstrate an understanding of the uses of simulation models, including the Monte Carlo technique
- x. identify the benefits and limitations of sensitivity analysis and simulation models
- y. demonstrate an understanding of what-if (or goal-seeking) analysis
- z. identify and explain the limitations of data analytics

Visualization

- aa. utilize table and graph design best practices to avoid distortion in the communication of complex information
- bb. evaluate data visualization options and select the best presentation approach
- cc. understand the benefits and limitations of visualization techniques
- dd. determine the most effective channel to communicate results
- ee. communicate results, conclusions, and recommendations in an impactful manner using effective visualization techniques

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Certified Management Accountant
Learning Outcome Statements
(Content Specification Outline effective January 2020)

Part 2 – Strategic Financial Management

A. Financial Statement Analysis (20% - Levels A, B, and C)

Part 2 – Section A.1. Basic Financial Statement Analysis

The candidate should be able to:

- a. for the balance sheet and income statement, prepare and analyze common-size financial statements; i.e., calculate percentage of assets and sales, respectively; also called vertical analysis
- b. for the balance sheet and income statement, prepare a comparative financial statement horizontal analysis; i.e., calculate trend year over year for every item on the financial statement compared to a base year
- c. calculate the growth rate of individual line items on the balance sheet and income statement

Part 2 – Section A.2. Financial Ratios

The candidate should be able to:

Liquidity

- a. calculate and interpret the current ratio, the quick (acid-test) ratio, the cash ratio, the cash flow ratio, and the net working capital ratio
- b. explain how changes in one or more of the elements of current assets, current liabilities, and/or unit sales can change the liquidity ratios and calculate that impact
- c. demonstrate an understanding of the liquidity of current liabilities

Leverage

- d. define solvency
- e. define operating leverage and financial leverage
- f. calculate degree of operating leverage and degree of financial leverage
- g. demonstrate an understanding of the effect on the capital structure and solvency of a company with a change in the composition of debt vs. equity by calculating leverage ratios
- h. calculate and interpret the financial leverage ratio, and determine the effect of a given change in capital structure on this ratio
- i. calculate and interpret the following ratios: debt-to-equity, long-term debt-to-equity, and debt-to-total assets
- j. define, calculate, and interpret the following ratios: fixed charge coverage (earnings to fixed charges), interest coverage (times interest earned), and cash flow to fixed charges
- k. discuss how capital structure decisions affect the risk profile of a firm

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Activity

- l. calculate and interpret accounts receivable turnover, inventory turnover, and accounts payable turnover
- m. calculate and interpret days sales outstanding in receivables, days sales in inventory, and days purchases in accounts payable
- n. define and calculate the operating cycle and the cash cycle of a firm
- o. calculate and interpret total assets turnover and fixed asset turnover

Profitability

- p. calculate and interpret gross profit margin percentage, operating profit margin percentage, net profit margin percentage, and earnings before interest, taxes, depreciation, and amortization (EBITDA) margin percentage
- q. calculate and interpret return on assets (ROA) and return on equity (ROE)

Market

- r. calculate and interpret the market/book ratio, and the price/earnings ratio
- s. calculate and interpret book value per share
- t. identify and explain the limitations of book value per share
- u. calculate and interpret basic and diluted earnings per share
- v. calculate and interpret earnings yield, dividend yield, dividend payout ratio, and shareholder return

General

- w. identify the limitations of ratio analysis
- x. demonstrate a familiarity with the sources of financial information about public companies and industry ratio averages
- y. evaluate the financial strength and performance of an entity based on multiple ratios

Part 2 – Section A.3. Profitability analysis

The candidate should be able to:

- a. demonstrate an understanding of the factors that contribute to inconsistent definitions of “equity,” “assets,” and “return” when using ROA and ROE
- b. determine the effect on return on total assets of a change in one or more elements of the financial statements
- c. identify factors to be considered in measuring income, including estimates, accounting methods, disclosure incentives, and the different needs of users
- d. explain the importance of the source, stability, and trend of sales and revenue
- e. demonstrate an understanding of the relationship between revenue and receivables and revenue and inventory
- f. determine and analyze the effect on revenue of changes in revenue recognition and measurement methods
- g. analyze cost of sales by calculating and interpreting the gross profit margin
- h. distinguish between gross profit margin, operating profit margin, and net profit margin and analyze the effects of changes in the components of each
- i. define and perform a variation analysis (percentage change over time)
- j. calculate and interpret sustainable equity growth

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Part 2 – Section A.4. Special issues

The candidate should be able to:

- a. demonstrate an understanding of the impact of foreign exchange fluctuations
 1. identify and explain issues in the accounting for foreign operations (e.g., historical vs. current rate and the treatment of translation gains and losses)
 2. define functional currency
 3. calculate the financial ratio impact of a change in exchange rates
 4. discuss the possible impact on management and investor behavior of volatility in reported earnings
- b. demonstrate an understanding of the impact of inflation on financial ratios and the reliability of financial ratios
- c. describe how to adjust financial statements for changes in accounting treatments (principles, estimates, and errors) and how these adjustments impact financial ratios
- d. distinguish between book value and market value; and distinguish between accounting profit and economic profit
- e. identify the determinants and indicators of earnings quality, and explain why they are important

B. Corporate Finance (20% - Levels A, B, and C)

Part 2 – Section B.1. Risk and return

The candidate should be able to:

- a. calculate rates of return
- b. identify and demonstrate an understanding of systematic (market) risk and unsystematic (company) risk
- c. identify and demonstrate an understanding of credit risk, foreign exchange risk, interest rate risk, market risk, industry risk, and political risk
- d. demonstrate an understanding of the relationship between risk and return
- e. distinguish between individual security risk and portfolio risk
- f. demonstrate an understanding of diversification
- g. define beta and explain how a change in beta impacts a security's price
- h. demonstrate an understanding of the Capital Asset Pricing Model (CAPM) and calculate the expected risk-adjusted returns using CAPM

Part 2 – Section B.2. Long-term financial management

The candidate should be able to:

- a. describe the term structure of interest rates, and explain why it changes over time
- b. define and identify the characteristics of common stock and preferred stock
- c. identify and describe the basic features of a bond such as maturity, par value, coupon rate, provisions for redeeming, conversion provisions, covenants, options granted to the issuer or investor, indentures, and restrictions

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- d. identify and evaluate debt issuance or refinancing strategies
- e. value bonds, common stock, and preferred stock using discounted cash flow methods
- f. demonstrate an understanding of duration as a measure of bond interest rate sensitivity
- g. explain how income taxes impact financing decisions
- h. define and demonstrate an understanding of derivatives and their uses
- i. identify and describe the basic features of futures and forwards
- j. distinguish a long position from a short position
- k. define options and distinguish between a call and a put by identifying the characteristics of each
- l. define exercise price, strike price, option premium, and intrinsic value
- m. demonstrate an understanding of the interrelationship of the variables that comprise the value of an option; e.g., relationship between exercise price and strike price, and value of a call
- n. define interest rate and foreign currency swaps
- o. define and identify characteristics of other sources of long-term financing, such as leases, convertible securities, and warrants
- p. demonstrate an understanding of the relationship among inflation, interest rates, and the prices of financial instruments
- q. define the cost of capital and demonstrate an understanding of its applications in capital structure decisions
- r. determine the weighted average cost of capital and the cost of its individual components
- s. calculate the marginal cost of capital
- t. explain the importance of using marginal cost as opposed to historical cost
- u. demonstrate an understanding of the use of the cost of capital in capital investment decisions
- v. demonstrate an understanding of how income taxes impact capital structure and capital investment decisions
- w. use the constant growth dividend discount model to value stock and demonstrate an understanding of the two-stage dividend discount model
- x. demonstrate an understanding of relative or comparable valuation methods, such as price/earnings (P/E) ratios, market/book ratios, and price/sales ratios

Part 2 – Section B.3. Raising capital

The candidate should be able to:

- a. identify the characteristics of the different types of financial markets and exchanges
- b. demonstrate an understanding of the concept of market efficiency, including the strong form, semi-strong form, and weak form of market efficiency
- c. describe the role of the credit rating agencies
- d. demonstrate an understanding of the roles of investment banks, including underwriting, advice, and trading
- e. define initial public offerings (IPOs)

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- f. define subsequent/secondary offerings
- g. describe lease financing, explain its benefits and disadvantages, and calculate the net advantage to leasing using discounted cash flow concepts
- h. define the different types of dividends, including cash dividends, stock dividends, and stock splits
- i. identify and discuss the factors that influence the dividend policy of a firm
- j. demonstrate an understanding of the dividend payment process for both common and preferred stock
- k. define share repurchase and explain why a firm would repurchase its stock
- l. define insider trading and explain why it is illegal

Part 2 – Section B.4. Working capital management

The candidate should be able to:

Working capital

- a. define working capital and identify its components
- b. calculate net working capital
- c. explain the benefit of short-term financial forecasts in the management of working capital

Cash

- d. identify and describe factors influencing the levels of cash
- e. identify and explain the three motives for holding cash
- f. prepare forecasts of future cash flows
- g. identify methods of speeding up cash collections
- h. calculate the net benefit of a lockbox system
- i. define concentration banking
- j. demonstrate an understanding of compensating balances
- k. identify methods of slowing down disbursements
- l. demonstrate an understanding of disbursement float and overdraft systems

Marketable securities

- m. identify and describe reasons for holding marketable securities
- n. define the different types of marketable securities, including money market instruments, T-bills, treasury notes, treasury bonds, repurchase agreements, federal agency securities, bankers' acceptances, commercial paper, negotiable CDs, Eurodollar CDs, and other marketable securities
- o. evaluate the trade-offs among the variables in marketable security selections, including safety, marketability/liquidity, yield, maturity, and taxability
- p. demonstrate an understanding of the risk and return trade-off

Accounts receivable

- q. identify the factors influencing the level of receivables
- r. demonstrate an understanding of the impact of changes in credit terms or collection policies on accounts receivable, working capital, and sales volume
- s. define default risk
- t. identify and explain the factors involved in determining an optimal credit policy

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Inventory

- u. define lead time and safety stock; identify reasons for carrying inventory and the factors influencing its level
- v. identify and calculate the costs related to inventory, including carrying costs, ordering costs, and shortage (stockout) costs
- w. explain how a just-in-time (JIT) inventory management system helps manage inventory
- x. identify the interaction between high inventory turnover and high gross margin (calculation not required)
- y. demonstrate an understanding of economic order quantity (EOQ) and how a change in one variable would affect the EOQ (calculation not required)

Short-term credit and working capital cost management

- z. demonstrate an understanding of how risk affects a firm's approach to its current asset financing policy (aggressive, conservative, etc.)
- aa. identify and describe the different types of short-term credit, including trade credit, short-term bank loans, commercial paper, lines of credit, and bankers' acceptances
- bb. estimate the annual cost and effective annual interest rate of not taking a cash discount
- cc. calculate the effective annual interest rate of a bank loan with a compensating balance requirement and/or a commitment fee
- dd. demonstrate an understanding of factoring accounts receivable and calculate the cost of factoring
- ee. explain the maturity matching or hedging approach to financing
- ff. demonstrate an understanding of the factors involved in managing the costs of working capital

General

- gg. recommend a strategy for managing current assets that would fulfill a given objective

Part 2 – Section B.5. Corporate restructuring

The candidate should be able to:

- a. demonstrate an understanding of the following:
 - i. mergers and acquisitions, including horizontal, vertical, and conglomerate
 - ii. leveraged buyouts
- b. identify defenses against takeovers (e.g., golden parachute, leveraged recapitalization, poison pill (shareholders' rights plan), staggered board of directors, fair price, voting rights plan, white knight)
- c. identify and describe divestiture concepts such as spin-offs, split-ups, equity carve-outs, and tracking stock
- d. evaluate key factors in a company's financial situation and determine if a restructuring would be beneficial to the shareholders
- e. identify possible synergies in targeted mergers and acquisitions
- f. value a business, a business segment, and a business combination using discounted cash flow method

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- g. evaluate a proposed business combination and make a recommendation based on both quantitative and qualitative considerations

Part 2 – Section B.6. International finance

The candidate should be able to:

- a. demonstrate an understanding of foreign currencies and how foreign currency affects the prices of goods and services
- b. identify the variables that affect exchange rates
- c. calculate whether a currency has depreciated or appreciated against another currency over time, and evaluate the impact of the change
- d. demonstrate how currency futures, currency swaps, and currency options can be used to manage exchange rate risk
- e. calculate the net profit/loss of cross-border transactions, and evaluate the impact of this net profit/loss
- f. recommend methods of managing exchange rate risk and calculate the net profit/loss of your strategy
- g. identify and explain the benefits of international diversification
- h. identify and explain common trade financing methods, including cross-border factoring, letters of credit, banker's acceptances, forfaiting, and countertrade

C. Decision Analysis (25% - Levels A, B, and C)

Part 2 – Section C.1. Cost/volume/profit analysis

The candidate should be able to:

- a. demonstrate an understanding of how cost/volume/profit (CVP) analysis (break-even analysis) is used to examine the behavior of total revenues, total costs, and operating income as changes occur in output levels, selling prices, variable costs per unit, or fixed costs
- b. calculate operating income at different operating levels
- c. differentiate between costs that are fixed and costs that are variable with respect to levels of output
- d. explain why the classification of fixed vs. variable costs is affected by the time frame being considered
- e. calculate contribution margin per unit and total contribution margin
- f. calculate the breakeven point in units and dollar sales to achieve targeted operating income or targeted net income
- g. demonstrate an understanding of how changes in unit sales mix affect operating income in multiple-product situations
- h. calculate multiple-product breakeven points given percentage share of sales and explain why there is no unique breakeven point in multiple-product situations
- i. define, calculate, and interpret the margin of safety and the margin of safety ratio
- j. explain how sensitivity analysis can be used in CVP analysis when there is uncertainty about sales
- k. analyze and recommend a course of action using CVP analysis

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1. demonstrate an understanding of the impact of income taxes on CVP analysis

Part 2 – Section C.2. Marginal analysis

The candidate should be able to:

- a. identify and define relevant costs (incremental, marginal, or differential costs), sunk costs, avoidable costs, explicit and implicit costs, split-off point, joint production costs, separable processing costs, and relevant revenues
- b. explain why sunk costs are not relevant in the decision-making process
- c. demonstrate an understanding of and calculate opportunity costs
- d. calculate relevant costs given a numerical scenario
- e. define and calculate marginal cost and marginal revenue
- f. identify and calculate total cost, average fixed cost, average variable cost, and average total cost
- g. demonstrate proficiency in the use of marginal analysis for decisions such as (a) introducing a new product or changing output levels of existing products, (b) accepting or rejecting special orders, (c) making or buying a product or service, (d) selling a product or performing additional processes and selling a more value-added product, and (e) adding or dropping a segment
- h. calculate the effect on operating income of a decision to accept or reject a special order when there is idle capacity and the order has no long-run implications
- i. identify and describe qualitative factors in make-or-buy decisions, such as product quality and dependability of suppliers
- j. calculate the effect on operating income of a make-or-buy decision
- k. calculate the effects on operating income of a decision to sell or process further or to drop or add a segment
- l. identify the effects of changes in capacity on production decisions
- m. demonstrate an understanding of the impact of income taxes on marginal analysis
- n. recommend a course of action using marginal analysis

Part 2– Section C.3. Pricing

The candidate should be able to:

- a. identify different pricing methodologies, including market comparables, cost-based, and value-based approaches
- b. differentiate between a cost-based approach (cost-plus pricing, mark-up pricing) and a market-based approach to setting prices
- c. calculate selling price using a cost-based approach
- d. demonstrate an understanding of how the pricing of a product or service is affected by the demand for and supply of the product or service, as well as the market structure within which it operates
- e. demonstrate an understanding of the impact of cartels on pricing
- f. demonstrate an understanding of the short-run equilibrium price for the firm in (1) pure competition; (2) monopolistic competition; (3) oligopoly; and (4) monopoly using the concepts of marginal revenue and marginal cost

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- g. identify techniques used to set prices based on understanding customers' perceptions of value and competitors' technologies, products, and costs
- h. define and demonstrate an understanding of target pricing and target costing and identify the main steps in developing target prices and target costs
- i. define value engineering
- j. calculate the target operating income per unit and target cost per unit
- k. define and distinguish between a value-added cost and a nonvalue-added cost
- l. define the pricing technique of cost plus target rate of return
- m. calculate the price elasticity of demand using the midpoint formula
- n. define and explain elastic and inelastic demand
- o. estimate total revenue given changes in prices and demand as well as elasticity
- p. discuss how pricing decisions can differ in the short run and in the long run
- q. define product life cycle; identify and explain the four stages of the product life cycle; and explain why pricing decisions might differ over the life of a product
- r. evaluate and recommend pricing strategies under specific market conditions

Section D. Risk Management (10% - Levels A, B, and C)

Part 2– Section D.1. Enterprise risk

The candidate should be able to:

- a. identify and explain the different types of risk, including business risk, hazard risks, financial risks, operational risks, and strategic risks
- b. demonstrate an understanding of operational risk
- c. define legal risk, compliance risk, and political risk
- d. demonstrate an understanding of how volatility and time impact risk
- e. define the concept of capital adequacy; i.e., solvency, liquidity, reserves, sufficient capital, etc.
- f. explain the use of probabilities in determining exposure to risk and calculate expected loss given a set of probabilities
- g. define the concepts of unexpected loss and maximum possible loss (extreme or catastrophic loss)
- h. identify strategies for risk response (or treatment), including actions to avoid, retain, reduce (mitigate), transfer (share), and exploit (accept) risks
- i. define risk transfer (e.g., purchasing insurance, issuing debt)
- j. demonstrate an understanding of the concept of residual risk and distinguish it from inherent risk
- k. identify and explain the benefits of risk management
- l. identify and describe the key steps in the risk management process
- m. explain how attitude toward risk might affect the management of risk
- n. demonstrate a general understanding of the use of liability/hazard insurance to mitigate risk (detailed knowledge not required)
- o. identify methods of managing operational risk
- p. identify and explain financial risk management methods
- q. identify and explain qualitative risk assessment tools including risk identification, risk ranking, and risk maps

Institute of Certified Management Accountants

- r. identify and explain quantitative risk assessment tools including cash flow at risk, earnings at risk, earnings distributions, and earnings per share (EPS) distributions
- s. identify and explain Value at Risk (VaR) (calculations not required)
- t. define enterprise risk management (ERM) and identify and describe key objectives, components, and benefits of an ERM program
- u. identify event identification techniques and provide examples of event identification within the context of an ERM approach
- v. explain how ERM practices are integrated with corporate governance, risk analytics, portfolio management, performance management, and internal control practices
- w. evaluate scenarios and recommend risk mitigation strategies
- x. prepare a cost-benefit analysis and demonstrate an understanding of its uses in risk assessment and decision making
- y. demonstrate an understanding of the COSO Enterprise Risk Management - Integrated Framework (2017)

Section E. Investment Decisions (10% - Levels A, B, and C)

Part 2 – Section E.1. Capital budgeting process

The candidate should be able to:

- a. define capital budgeting and identify the steps or stages undertaken in developing and implementing a capital budget for a project
- b. identify and calculate the relevant cash flows of a capital investment project on both a pretax and after-tax basis
- c. demonstrate an understanding of how income taxes affect cash flows
- d. distinguish between cash flows and accounting profits and discuss the relevance to capital budgeting of incremental cash flow, sunk cost, and opportunity cost
- e. explain the importance of changes in net working capital in capital budgeting
- f. discuss how the effects of inflation are reflected in capital budgeting analysis
- g. define hurdle rate
- h. identify alternative approaches to dealing with risk in capital budgeting
- i. distinguish among sensitivity analysis, scenario analysis, and Monte Carlo simulation as risk analysis techniques
- j. explain why a rate specifically adjusted for risk should be used when project cash flows are more or less risky than is normal for a firm
- k. explain how the value of a capital investment is increased if consideration is given to the possibility of adding on, speeding up, slowing up, or discontinuing early
- l. demonstrate an understanding of real options, including the options to abandon, delay, expand, and scale back (calculations not required)
- m. identify and discuss qualitative considerations involved in the capital budgeting decision
- n. describe the role of the post-audit in the capital budgeting process

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Part 2 – Section E.2. Capital investment analysis methods

The candidate should be able to:

- a. demonstrate an understanding of the two main discounted cash flow (DCF) methods, net present value (NPV) and internal rate of return (IRR)
- b. calculate NPV and IRR
- c. demonstrate an understanding of the decision criteria used in NPV and IRR analyses to determine acceptable projects
- d. compare NPV and IRR focusing on the relative advantages and disadvantages of each method, particularly with respect to independent vs. mutually exclusive projects and the “multiple IRR problem”
- e. explain why NPV and IRR methods can produce conflicting rankings for capital projects if not applied properly
- f. identify assumptions of NPV and IRR
- g. evaluate and recommend project investments on the basis of DCF analysis
- h. demonstrate an understanding of the payback and discounted payback methods
- i. identify the advantages and disadvantages of the payback and discounted payback methods
- j. calculate payback periods and discounted payback periods

Section F. Professional Ethics (15% - Levels A, B, and C)

Ethics may be tested in conjunction with any topic area.

Part 2 – Section F.1 Business ethics

The candidate should be able to:

- a. define business ethics
- b. analyze the concepts of morality and virtue
- c. define moral philosophy
- d. demonstrate an understanding of the following moral philosophies and concepts used in making business decisions: teleology, utilitarianism, deontology, relativism, virtue ethics, and justice
- e. define the concepts of fairness, integrity, due diligence, and fiduciary responsibility, and how they impact ethical decision making

Part 2 – Section F.2 Ethical considerations for management accounting and financial management professionals

Using the standards outlined in IMA’s Statement of Ethical Professional Practice, the candidate should be able to:

- a. identify and describe the four overarching ethical principles and the four standards
- b. evaluate a given business situation for its ethical implications
- c. identify and describe relevant standards that may have been violated in a given business situation and explain why the specific standards are applicable

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- d. recommend a course of action for management accountants to take when confronted with an ethical dilemma in the business environment
- e. evaluate and propose resolutions for ethical issues such as fraudulent reporting, or improper manipulation of forecasts, analyses, results, and budgets

Using the Fraud Triangle model, the candidate should be able to:

- f. identify the three components of the triangle
- g. use the model to explain how a management accounting and financial management professional can identify and manage the risk of fraud

Part 2 – Section F.3. Ethical considerations for the organization

The candidate should be able to:

- a. discuss the issues organizations face in applying their values and ethical standards internationally
- b. demonstrate an understanding of the relationship between ethics and internal controls
- c. define corporate culture and demonstrate an understanding of the role corporate culture plays in ethical decision making
- d. demonstrate an understanding of the importance of a code of conduct and how it contributes to an organization's ethical culture
- e. demonstrate an understanding of the ways ethical values benefit an organization
- f. analyze the impact of groupthink on ethical behavior
- g. discuss how diversity of thought can lead to good ethical decisions
- h. apply relevant provisions of IMA's Statement on Management Accounting, "Values and Ethics: From Inception to Practice," to a business situation
- i. demonstrate an understanding of the role of "leadership by example" or "tone at the top" in determining an organization's ethical environment
- j. define ethical leadership and identify and explain the traits of ethical leaders
- k. explain the importance of human capital to an organization in creating a climate where "doing the right thing" is expected (e.g., hiring the right people, providing them with training, and practicing consistent values-based leadership)
- l. explain the importance of an organization's core values and how they promote ethical behavior and ethical decision making
- m. discuss the importance of employee training to maintaining an ethical organizational culture
- n. explain the importance of a whistleblowing framework to maintain an ethical organizational culture
- o. demonstrate an understanding of the differences between ethical and legal behavior
- p. identify the purpose of anti-bribery laws, such as the U.S. Foreign Corrupt Practices Act and the U.K. Bribery Act
- q. define facilitating payments and why these payments create both ethical and legal issues
- r. discuss corporate responsibility for ethical conduct

Institute of Certified Management Accountants

- s. define and demonstrate an understanding of the major issues of sustainability and social responsibility
- t. identify and define the four levels of social responsibility: economic, legal, ethical, and philanthropic



Bharatiya Vidya
Bhavan

(Founded in 1938 by Kulapati Dr. K.M. Munshi)

BHAVAN'S VIVEKANANDA COLLEGE of Science, Humanities & Commerce

Estd : 1993 AFFILIATED TO OSMANIA UNIVERSITY

AUTONOMOUS COLLEGE

ACCREDITED WITH "A" GRADE BY NAAC

SAINIKPURI, SECUNDERABAD - 500 094. Ph : 27111611, 27115878

Date :

09th June 2021

The following are the list of students enrolled in CMA from Bhavan's College Sainikpuri through Miles Education

List of Students enrolled in CMA					
	Name	Phone	Email id	IMA Members hip	Remarks
1	Venka Karan	70131 72615	vanka29karan@gmail.com	0	Recommended
2	Laxmi Prasanna Adepu	89785 71974	adepulaxmi28@gmail.com	0	Not Recommended
3	Vaishali A Desai	6305325257	Vaishali.desai0920@gmail.com	0	Recommended
4	AnkushSengupta	8790671863	ankush170899@live.com	0000 10600490	Not Recommended
5	Prerna	8959000895	dalaiprerna1@gmail.com	0	Recommended
6	K Surabhi	9063240491	surabhiguddi3@gmail.com	0	Not Recommended
7	B Veekshitha Nagasri	8688700050	nagasri2216@gmail.com	0	Recommended
8	G.SriSharan	6300517602	gsrisharan108@gmail.com	0	Recommended
9	SanchitSikka	9182513415	sikkasanchit5@gmail.com	0	Recommended
10	Samuel	8790857602		0	Not Recommended
11	Praneetha	7609969079		0	Not Recommended
12	SwethaPunna	7032474190	swethapunna065@gmail.com	0	Recommended
13	AnchalKumari	9515053794	aarov9032@gmail.com	0	Recommended
14	SupriyaTandra	8885479014	supriyatandra2000@gmail.com	0	Recommended

Prof. Y Ashok
PRINCIPAL

(Dr. Y. ASHOK)
PRINCIPAL

Bhavan's Vivekananda College of Science,
Humanities & Commerce
Sainikpuri, R.R. (Dist.)

Date: 2/12/2019

To,

The Principal,

BVC, Sainikpuri.

Respected Sir,

Sub: Request for permitting to conduct Value added course on Advanced Excel for M. Com II year students

Department of Commerce is intending to conduct a Value added Course on Advanced Excel for M. Com II year students in the month of December 2019-20. The Course is intended to improve the knowledge and enhance the Employability skills of M. Com students in the areas of Advanced Excel and Analytical skills. The Course will be organized in association with Impact Education. We Kindly request you to grant the permission for conducting the same.

Thanking You,

K. Srinivas
Yours Sincerely 2/12/19

Dr. K Sreelatha Reddy

Head Dept. of Commerce

Permitted

KA

2/12

Workshop in “Advanced Excel and SPSS and its Applications”.

Department of Commerce has organized a workshop on Excel and Analytics a for 30 hours . The classes were held from Jan 2020 till Feb 2020 , Five hours a week . Mr. Alok Kumar Singh, resource person from “Impact Education”, conducted the workshop. The Excel workshop that gave a hands on experience to the M.com Students on various topics from maths functions, financial functions, logical functions, data analysis, regression analysis, dashboard, info graphic representation of data,, add-ins(solver), SPSS tool for data analysis. All the students found the workshop to be very informative and enriching at the same time.

The incharge for the session was Mrs L V Kamala Devi M.Com Coordinator and the number of students availing the course was 25.



Impact Education India

3rd Floor, Sri Balaji Complex
Ameerpet "X" Road
Hyderabad: 500016



Invoice

Invoice No: IEIAM/SEW-02/1910

Invoice date: 06/11/2019

To
The Principal
Bhavan's Vivekananda College
Sainikpuri, Secunderabad
Hyderabad

Invoice For:
CC Excel Professional M.Com

Course Name	No of Participant	Professional Fees
Certificate Course –M. Com students (Advanced Excel)	25	30,000
	Received	-
	Balance Due	30,000

REMIITANCE:

Make all cheques payable to: Alok Kumar Singh
PAN No- BVXPS4010B

Online Transfer:

Axis Bank A/C– 235010100037554
IFC: UTIB0000235

GST Declaration: Cont...2

To whom so ever it may concern

Sub: Declaration of GST Not-applicable under the provisions of Goods and Service Tax Act

I/ We Alok Kumar Singh (Name of the Proprietor/Karta/Authorized Signatory), being Head Business Development (Designation) of Impact Education do hereby state that I/We am/are not liable to registration under the provisions of Goods and Service Tax Act.

I/We declare that as soon as our value of turnover exceeds Rs. 20 Lacs, we shall get ourselves registered with the Goods and Services Tax department and give our GSTN to Bhavan's Vivekanand College.

Further, as soon as our value of turnover crosses Rs. 20 Lacs, we undertake that we will charge CGST and SGST/UTGST or IGST as the case may be and comply with all provisions under the Goods and Services Act but not limited to timely payment of GST and filing of GST returns.

Signed

Date:.....

(Company Seal)

Advanced Excel & SPSS and its Application

S.No	Roll No	Student Name
1	107218408002	AMISHA SINGH
2	107218408004	ARUN JACOB
3	107218408005	B RAMAKRISHNA
4	107218408006	B S SAI LEENA
5	107218408008	CHALLAMALLA JOSHNA
6	107218408009	CHENNA NAVYA
7	107218408010	CHILUKURI VENKATA RAMANA
8	107218408014	DABILPURA GAYATHRI
9	107218408016	FARHA BEGUM
10	107218408017	GADDI VARUN RAJ
11	107218408019	GUNTI MAMATHA
12	107218408021	KADAMBARI DADHICH
13	107218408022	KATHA PRAVEEN KUMAR
14	107218408023	KOPPARTHI KARTHIK KUMAR
15	107218408025	MORA MALAVIKA
16	107218408026	ORUGANTI SAMHITH
17	107218408028	PANDRAVADA SAI RAM
18	107218408030	PITTALA AVINASH
19	107218408031	RAIPALLE PURNANAND
20	107218408032	RAJOJI VAMSHIKRISHNA
21	107218408033	SARIKA MADUPATHI
22	107218408034	SASTRY VANDANA
23	107218408036	SHAIK ASIF BASHA
24	107218408039	SREYA RAMACHANDRAN
25	107218408043	P ROHINI SATYA MALLIKA



Bhavan's Vivekananda College

Of Science, Humanities and Commerce

Advanced Excel Course Syllabus

COURSE OBJECTIVE: *To inculcate knowledge in Data analysis with excel.*

UNIT- WISE OBJECTIVES:

COb1: To acquire basic knowledge in Excel and its applications.

COb2: To describe the formatting and data base tools

COb3: To classify conditional format, formulae function, group and subtotal

COb4: To describe Pivot Tables

COb5: To demonstrate Power Query, Power Map, Power BI and ASAP Utilities

UNIT –I: INTRODUCING TO EXCEL:

Introduction-Tour of Excel window -Explore the ribbon and toolbars-Create, save and upload Files- working with single and multiple worksheets- Insert, Rename, Delete, Group, customization of Office button, Auto Fill, Custom list. Managing cells (Naming, Moving, Copying, Adding, Deleting, Grouping)

finding, replacing, Comments)

Views- Workbook view, show and hide, zoom features, freeze panes, split window, viewing Multiple windows, Worksheet background, Watermarks

Printing- Page setup, scale to fit, sheet options, Header, Footers, Themes, Templates.

Lab work: Create student workbook with relevant worksheets and implement the above tools.

UNIT-II : ORGANIZING DATA WITH EXCEL:

Editing and formatting , Data Rotate- wrap text-Merge and Center-format painter, clear formats.

Conditional formatting

UNIT –III- FORMULA AND FUNCTIONS: Mathematical Function, Financial Function, Logical Function, Statistical Function

UNIT IV: WORKING WITH PIVOT TABLES AND CHARTS:

Introduction to Pivot tables- Create a pivot table, modify a pivot table layout, summarize pivot table values- Macro with Pivot Table and Power Pivot.

Unit V : Power Query, Power Map, Power BI and ASAP Utilities

COURSE OUTCOMES:

At the end of the course, the students will be able to

CO1: Identify the data analysis methods and tools in excel application.

CO2: Interpret formatting, sorting, filtering.

CO3: Analyze and implement calculations using formulae and function methods

CO4: Apply knowledge for preparing Pivot table

CO5: Understanding Power Query, Power Map, Power BI and ASAP Utilities.



Bhavan's Vivekananda College of Science, Humanities and Commerce

Sainikpuri, Secunderabad-500 094
(Accredited with 'A' Grade by NAAC)
Autonomous College - Affiliated to Osmania university

Department of Languages

Offers

Certificate Courses in

► Spoken Sanskrit ► French ► Calligraphy

Details of the Courses:

Duration - 30 Hours

From - 5th December 2019

On - Thursdays & Fridays

From - 3:30p.m.-4:30p.m, 4.30-5.30 p.m

For - Students, Faculty,
homemakers & professionals

► For further information contact:

► *Calligraphy* - Dr. C. Kameswari-9391136608

► French - Ms. Manali Bose - 9392416562

► Sanskrit – Dr. Y. Suresh-9866786917

Note: Certificates will be given to the participants on the successful completion of the course.

NOTICE

Department of Languages is starting certificate courses in the college from this semester in Spoken Sanskrit, French and Calligraphy for students, faculty, homemakers and professionals. The duration of each course will be 30 hours and will be conducted on Thursdays and Fridays from the 5th of December 2019.

The details of the above mentioned courses are as follows:

S.No.	Course	Fee	Time	Days	Resource Person
1	Calligraphy	Rs.1000/-	3:30pm - 4:30 pm 4:30pm - 5:30pm	Thursdays Fridays	Dr. C. Kameswari Ms. Swathina Sash
2	Spoken Sanskrit	Rs.1000/-	3:30pm - 4:30 pm 4:30pm - 5:30pm	Thursdays Fridays	Dr. Y. Suresh Ms. P. Sarada
3	French	Rs.2000/-	3:30 pm - 4:45pm	Thursdays Fridays	Ms. Manali Bose

or further details, contact lecturers from the Department of Languages, Room no. 9.


Principal



BHAVAN'S VIVEKANANDA COLLEGE
OF SCIENCE, HUMANITIES AND COMMERCE
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Department of Languages

Syllabus : 30 Days Spoken Sanskrit Course (2019 – 20)

Day	Topic
1	परिचय: – Introduction
2	शिष्टाचार: - Greeting words
3	नामवाचका: - पुलिङ्ग शब्दा: (Nouns – masculine)
4	नामवाचका: - स्त्रीलिङ्ग शब्दा: (Nouns – feminine)
5	नामवाचका: - नपुंसकलिङ्ग शब्दा: (Nouns – neuter)
6	सर्वनाम शब्दा: - स: /सा /तत् /एष: /एषा /एतत् (Pronouns)
7	शब्दा: पुलिङ्ग: /स्त्रीलिङ्ग / नपुंसकलिङ्ग: अभ्यास:
8	धातव: - वर्तमानकाल: - लट् लकार प्रयोग: (Verbs – Present Tense)
9	धातव: - भूतकाल: - लङ् लकार प्रयोग: (Verbs – Past Tense)
10	धातव: - भविष्यत् काल: लृट् लकार प्रयोग: (Verbs – Future Tense)
11	धातव: - आज्ञा – अनुज्ञा – आशिषि – लोट् लकार प्रयोग: (Imperative Mood)
12	धातव: - विधिलिङ् लकार प्रयोग: (Potential Mood)
13	लकार प्रयोग: अभ्यास:
14	अव्यय पदानि अभ्यास: - अत्र/ कुत्र/ अन्यत्र/ सर्वत्र /एकत्र पुरतः / पृष्ठतः / वामतः / दक्षिणतः / उपरि / अधः / अन्तः / आवश्यकम् मास्तु / पर्याप्तं / अद्य / श्वः / परश्वः / प्रपरश्वः / ह्यः / यथा / तथा (Indeclinable Words)
15	विभक्तीनां प्रयोग: - प्रथमतः - सप्तमी विभक्ति पर्यन्तं (Cases)

Dr. C. Kameswari

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Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Sec 6, Hyderabad - 500 094.

16	वस्तूनां नामानि, फलानां नामानि अभ्यासः (Things and Flowers Names)
17	वर्णानां नामानि, जन्तूनां नामानि अभ्यासः (Colours and Animals Names)
18	शरीरस्य अवयवाः प्रयोगः (Parts Of Human body)
19	बान्धवानि नामानि अभ्यासः (Names Of Relatives)
20	वृत्तयः अभ्यासः (occupations)
21	वासरः, संख्याः च समयः अभ्यासः (Days, Numbers and Time)
22	प्रत्ययानां परिचयः / अभ्यासः (Suffixes)
23	शिक्षकः च छात्राः संवादः (conversation between student and teacher)
24	गृह संभाषणम् अभ्यासः (Conversation At Home)
25	वातावरणम् संवादः अभ्यासः (Conversation about Weather)
26	वाणिज्य संवादः अभ्यासः (Conversation At Shop)
27	संभाषण अभ्यासः - रामायण नीति कथाः (Conversation About Ramayana Moral Stories)
28	संभाषण अभ्यासः - महाभारत नीति कथाः (Conversation About Mahabharata Moral Stories)
29	संभाषण अभ्यासः - पञ्चतन्त्र कथाः (Conversation about Panchatantra Stories)
30	मौखिक परीक्षा (Oral Test)

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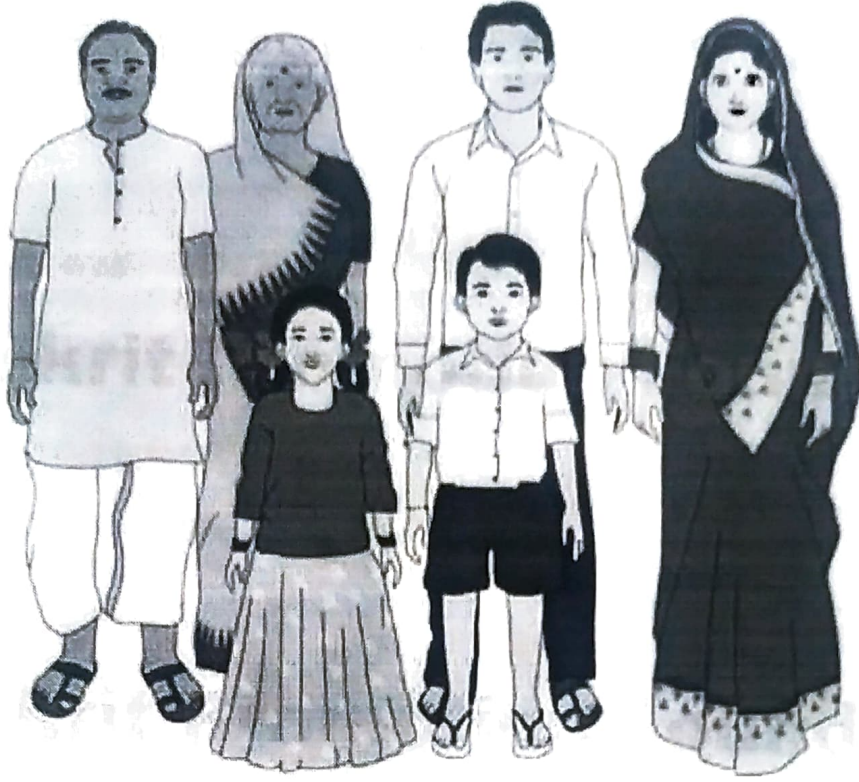
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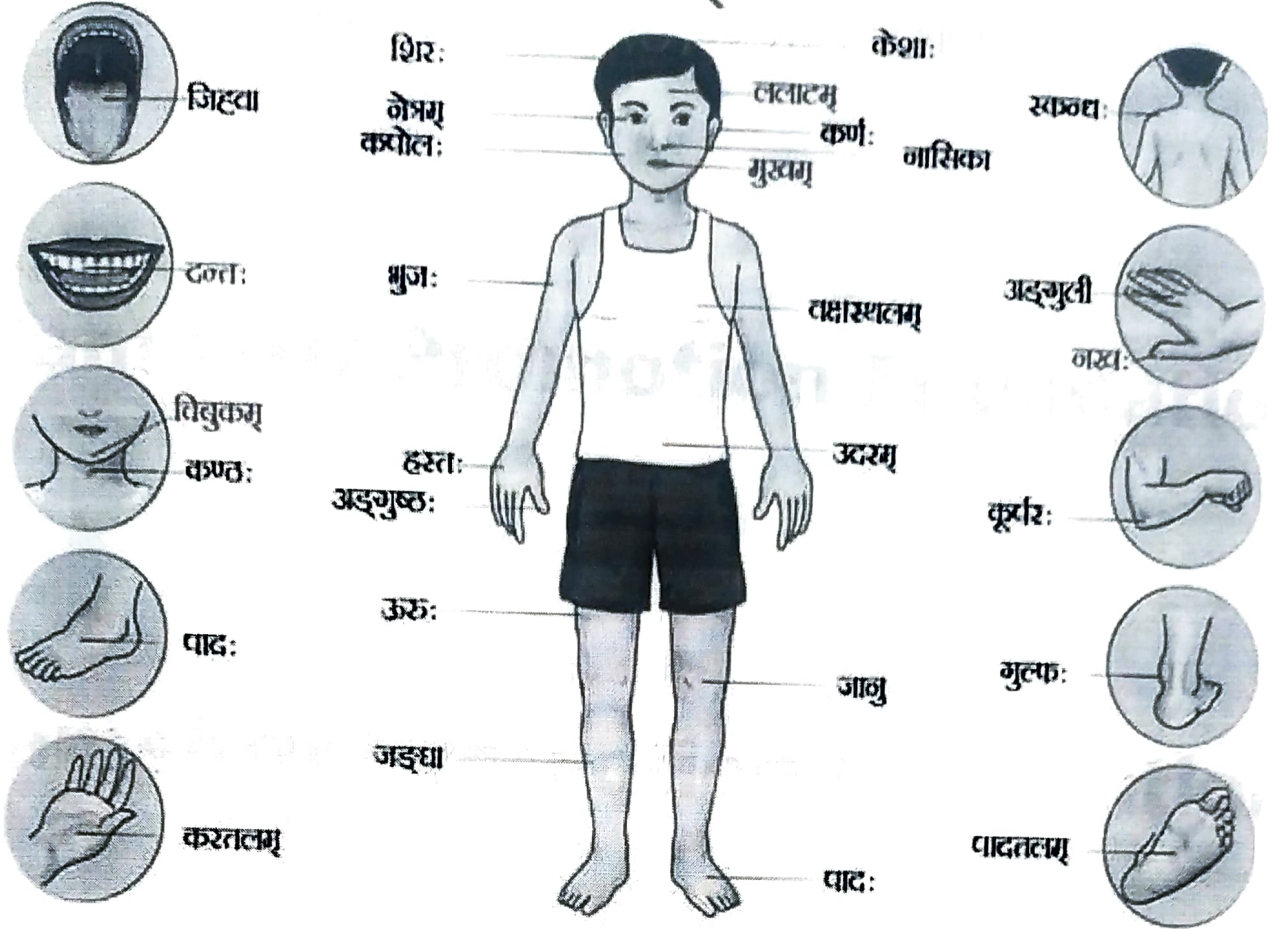
बाला

बालः

Dr. C. Kameswari

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Sainikpuri, Secunderabad - 500 094.

शरीराङ्गानि



Dr. C. Kameswari

Head of the Department
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Sainikpuri, Hyderabad - 500 094.

संस्कृतवार्ता



पायसम्



क्षीरम्



रोटिका



जम्बीररसः



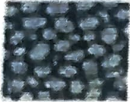
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अपूपः



गोधूमः



मुद्रः



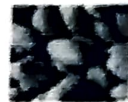
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कलायः

भोज्यवस्तूनि



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कुण्डलिकम्



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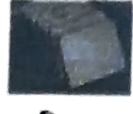
पिष्टकम्



चाक्रहेहः



नळिकापूपः



सुपिष्टकम्



पूरिका



दोशा



सुपिष्टः



तण्डुलः

संस्कृतवार्ता

संस्कृतवार्ता

Dr. C. Kameswari
Head of the Department
Department of Languages
Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Secunderabad - 500 094.

संस्कृतवार्ता

गृहसंबन्धीनिपदानि



वातायनम्



द्वारः



कूपः



रज्जुः



पर्यङ्कः



दिनपत्रिका



घटिका

संस्कृतवार्ता



दीपः



सिक्थवर्तिका



विद्युतव्यजनम्



शीतकम्



क्षालनयन्त्रम्



मिश्रकम्

संस्कृतवार्ता



समीकरः



गणकयन्त्रम्



आकाशवाणी



दूरदर्शनम्



दूरवाणी



जंगमदूरवाणी



चित्रग्राहिणी

Dr. C. Kameswari
Head of the Department
Department of Languages
Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Secunderabad - 500 094.



संस्कृत-बालसाहित्यम्



पाठयति



कुतकूतयति



आरोहति



पिबति



अवतरति



खादति



लिखति



शृणोति



sanskritabalasahityaparishad.org

Dr. C. Kameswari
 Head of the Department
 Department of Languages
 Bharatiya Vidya Bhavan's Vivekananda College
 Sainikpuri, Secunderabad - 500 094.

मृगाः



हरिणः



गदभः



अश्वः



सिंहः



गजः



ऊष्ट्रः



नक्रः

संस्कृतवार्ता



व्याघ्रः



मार्जारः



चिक्रोडः



वृकः



श्रृगालः



मुषिकः



शुनकः

संस्कृतवार्ता



भेकः



शशकः



सर्पः



धेनुः



वानरः



अजः



चित्रोष्ट्रः

Dr. C. Kameswari

Head of the Department
Department of Languages
Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Hyderabad - 500 094.

पुष्पाणि

संस्कृतवार्ता



कोणकारः



कमलम्



पारन्ती



उत्पलम्



सेवन्तिका



द्रोणपुष्पम्



ओलिया



चंपकम्



ससंकान्तिः



पाटलपुष्पम्



जया



शतकुम्भः



मल्लिका



नागपुष्पम्



मन्दारम्

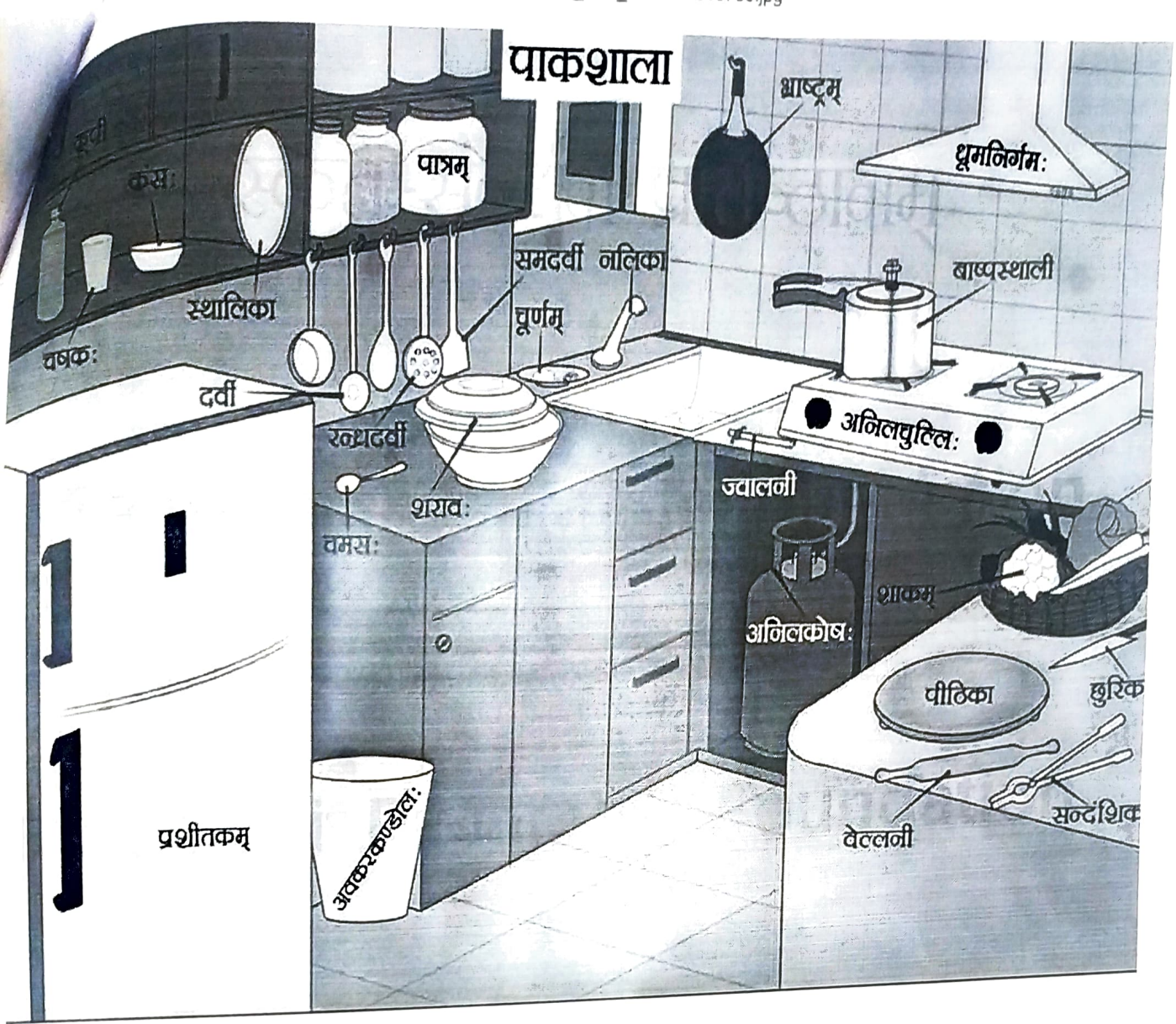


अशोकम्

संस्कृतवार्ता

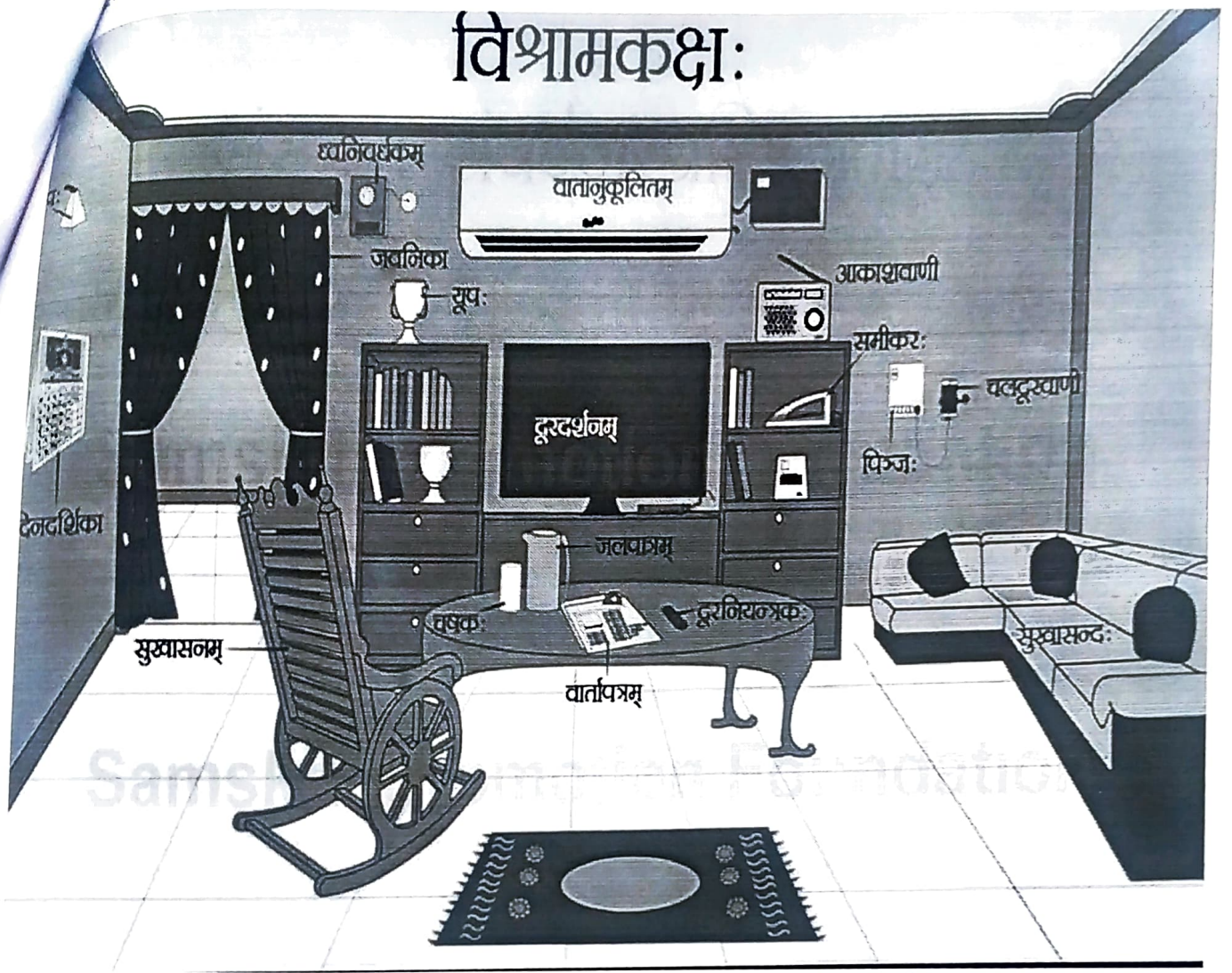
Dr. C. Kameswari
Head of the Department
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Sainikpuri, Hyderabad - 500 094.

पाकशाला



Dr. C. Kameswari
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Department of Languages
Bharatiya Vidya Bhawan's Vivekananda College
Sainikpuri, Secunderabad - 500 094.

विश्रामकक्षा:



Dr. C. Kameswari
Head of the Department
Department of Languages
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Sainikpuri, Hyderabad - 500 094.

किम्? - क्या? - What?

भवतः नाम किम् अस्ति ?

तव पुत्रस्य नाम किम् अस्ति ?

तव विद्यालयस्य नाम किम् अस्ति ?

त्वं किं करोषि ?

एतस्य ग्रन्थस्य नाम किम् अस्ति ?

एषः बालकः किं पठति ?

सेविका किं करोति ?

भवतः प्रियं वाहनं किम् अस्ति ?

भवतः प्रिया भाषा किम् अस्ति ?

आपका नाम क्या है?

तुम्हारे पुत्र का नाम क्या है?

तुम्हारे विद्यालय का नाम क्या है?

तुम क्या करते हो ?

इस ग्रन्थ का नाम क्या है?

यह बालक क्या पढ़ता है?

सेविका क्या करती है?

आपका प्रिय गाडी कौन सा है?

आपकी प्रिय भाषा कौनसी है?

Dr. C. Kameswari

Head of the Department
Department of Languages
Bharatiya Vidya Bhawan's Vivekananda College
Sainikpuri, Sec. 4, Hyderabad - 500 094.

कुत्र - कहां - Where?

कमलमन्दिरं कुत्र अस्ति ?

स्वर्णमन्दिरं कुत्र अस्ति ?

स्तम्भदुर्गः कुत्र अस्ति ?

भवतः पुत्रः कुत्र पठति ?

भवान् कुत्र निवसति ?

गङ्गानदी कुत्र प्रवहति ?

विमानं कुत्र डयते ?

अश्वः कुत्र निवसति ?

सिंहः कुत्र निवसति ?

बालाजी मन्दिरं कुत्र अस्ति ?

स्वगाः कुत्र निवसन्ति ?

कृषकः कुत्र कार्यं करोति ?

शिक्षकः कुत्र पाठयति ?

भवतः पिता कुत्र कार्यं करोति ?

सुन्दरवनं कुत्र अस्ति ?

माता शाटिकां कुत्र स्थापयति ?

त्वं कुत्र निवससि ?

मेधः कुत्र गर्जति ?

Dr. C. Kameswari
Head of the Department
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Bharatya Vidya Bhavan's Vivekananda College
Sainikpuri, Secunderabad - 500 084.

अहम् में	पुस्तकम्	→	पठामि (पढता हूँ)
	विद्यालयम्	→	गच्छामि (जाता हूँ)
	भोजनम्	→	खादामि (खाता हूँ)
	जलम्	→	पिबामि (पीता हूँ)
	स्नानं	→	करोमि (करता हूँ)
	वाक्यम्, श्लोकम्	→	वदामि (बोलता हूँ)

संस्कृतभारती, हिमाचलप्रदेशः

आओ संस्कृत सीखें

Dr. C. Kameswari
Head of Department
Department of Languages
Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Secunderabad - 500 094.

ATTENDANCE REGISTER OF.....

ROLL NO.	NAME OF THE STUDENT	MONTH	DATE	INITIAL OF LECTURE	NO. OF LECTURE	27	28	29	30	31	32	33	34	35	36	37	38	39	
		3	3	3	3														
		5	5	6	6														
(1)	Y. Amrutha Valli					A	A	A	A									1	
(2)	Anupama					A	A	A	A									2	
(3)	Kanumuri Mary Slessor					A	A	A	A									3	
(4)	Peram Ramya					A	A	A	A									4	
(5)	P. Padma Priya					A	A	A	A									5	
(6)	Surya Ganesh					A	A	A	A									6	
(7)	Sudarshan Rao. T.					13	14	15	16									7	
(8)	Sistla Bhargavi					A	A	A	A									8	
(9)	B. Sai Pavani					A	A	A	A									9	
(10)	Tushar					19	20	A	A									10	
(11)	V.V.K. Sindhoori					A	A	A	A									11	
(12)	P. RS. kalyani					22	23	24	25									12	
(13)	chiranjeevi					24	25	26	27									13	
(14)	B. Deepthi					20	21	22	23									14	
(15)	Balakrishnacharya					A	A	A	A									15	
(16)	Suri Deekshita					19	20	21	22									16	
(17)	Sri Harini					16	17	18	19									17	
(18)	Sita Mahalakshmi					17	18	19	20									18	
(19)	A. Prasoon					A	A	A	A									19	
(20)	M. Vineela					A	A	A	A									20	
(21)	O. Usha Sundari					A	A	A	A									21	
(22)	R. Deepika					A	A	A	A									22	

Head of the Department
 Department of Languages
 Bharatiya Vidya Bhavan's Vivekananda College
 Setturipuri, Secunderabad - 500 094.



Bhavan's Vivekananda College
of Science, Humanities and Commerce

Sainikpuri, Secunderabad-500094

Accredited with 'A' Grade by NAAC

Autonomous College - Affiliated to Osmania university

Certificate of Completion

*This certificate is awarded to _____
on the successful completion of the Certificate Course in Spoken Sanskrit
in the year _____.*

Mrs. L. V. Kamala Devi
Certificate Course Co-ordinator

Prof. Y. Ashok
Principal



Bharatiya Vidya
Bhavan

**Bhavan's Vivekananda College
of Science, Humanities & Commerce
Sainikpuri, Secunderabad – 500094
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SPOKEN SANSKRIT COURSE (FOR BEGINNERS)

Value Added Course: Spoken Sanskrit

Names of the Faculty members : Ms.K.Meena Rani, Dr. Y.Suresh, and Ms.P.Sharada

Department of Languages has offered a short-term certificate course in Sanskrit from December 2019 to March 2020. The faculty members of Sanskrit language who offered the course are Ms.K.Meena Rani, Dr. Y.Suresh, and Ms.P.Sharada.

It was conducted after the college hours during the semester for the academic year 2019-20. Twenty-two students have enrolled for the mentioned course. The 30 hours of systematic classes served as an effective platform to the students.

Course objectives:

1. To create awareness among the students and equip them with the richness of Indian traditional Language
2. To learn the basic sentence structure of the language to converse with ease and understand the text better

Syllabus:

- Grammar: Shbdaroopani (three genders –Masculine,Feminine and Neuter)
Conjugations -Dhaturoopani –Parasmaipadi & Atmanepadi) Noun & Pronoun
Shabdaroopani, Using Tenses and Vakya nirmanam -framing sentences in Sanskrit,
and Introduction to Sandhis (Ach, Hal and Visarga Sandhis), introduction to Samasas
(Compounds)
- Communication: Introduce self and others • Greet, congratulate, learning numbers in
Sanskrit, Relatives and Relationship, Professions, Parts of the body, Vegetable names,
Birds and animal names Flowers names and colours etc., Reading ,learning and
describing short stories from Panchatantra and Epics.

Course Outcomes:

1. The students developed ability to understand the basic concepts of Sanskrit.
2. Students were trained to communicate orally and in written. They were also initiated to appreciate the richness of the language.

Dr. C. Kameswari

**Dr.C. Kameswari
Head.Dept.of Languages
Bhavan's Vivekananda College
Sainikpuri, Secunderabad**



Bhavan's Vivekananda College of Science, Humanities and Commerce

Sainikpuri, Secunderabad-500 094
(Accredited with 'A' Grade by NAAC)
Autonomous College - Affiliated to Osmania university

Department of Languages

Offers

Certificate Courses in

► Spoken Sanskrit ► French ► Calligraphy

Details of the Courses:

Duration - 30 Hours

From - 5th December 2019

On - Thursdays & Fridays

From - 3:30p.m.-4:30p.m, 4.30-5.30 p.m

For - Students, Faculty,
homemakers & professionals

► For further information contact:

► *Calligraphy* - Dr. C. Kameswari-9391136608

► French - Ms. Manali Bose - 9392416562

► Sanskrit – Dr. Y. Suresh-9866786917

Note: Certificates will be given to the participants on the successful completion of the course.

NOTICE

Department of Languages is starting certificate courses in the college from this semester in Spoken Sanskrit, French and Calligraphy for students, faculty, homemakers and professionals. The duration of each course will be 30 hours and will be conducted on Thursdays and Fridays from the 5th of December 2019.

The details of the above mentioned courses are as follows:

S.No.	Course	Fee	Time	Days	Resource Person
1	Calligraphy	Rs.1000/-	3:30pm - 4:30 pm 4:30pm - 5:30pm	Thursdays Fridays	Dr. C. Kameswari Ms. Swathina Sash
2	Spoken Sanskrit	Rs.1000/-	3:30pm - 4:30 pm 4:30pm - 5:30pm	Thursdays Fridays	Dr. Y. Suresh Ms. P. Sarada
3	French	Rs.2000/-	3:30 pm - 4:45pm	Thursdays Fridays	Ms. Manali Bose

or further details, contact lecturers from the Department of Languages, Room no. 9.


Principal



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Sainikpuri, Secunderabad – 500094

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CERTIFICATE COURSE (FOR BEGINNERS) IN FRENCH

Objectives:

- To read and write short, simple texts
- To understand a simple dialogue between two French speakers and also take part
- In short, simple conversation using the skills acquired

SALIENT FEATURES

➤ **Communication**

The course intends to develop oral and written skills towards understanding, expressing and exchanging information/interacting on the topics given below

- Establish contact with someone
- Introduce self and others • Greet, congratulate.
- Spell • Count
- Ask for information. Tell the time
- Advise, order, suggest
- Invite, accept creation
 - Locate a place
 - Give directions
 - Ask for Give explanations
- Describe a person, an object, an event, a place
- Compare

➤ **Phonetics**

The course develops the ability to pronounce words, say sentences, questions and give orders using the right accent and intonation

- To express all positive or negative statements using the right intonation
- To use liaison and enchainment
- To distinguish between vowel sound

➤ **Grammar**

The course develops the ability to construct sentences and frame questions using

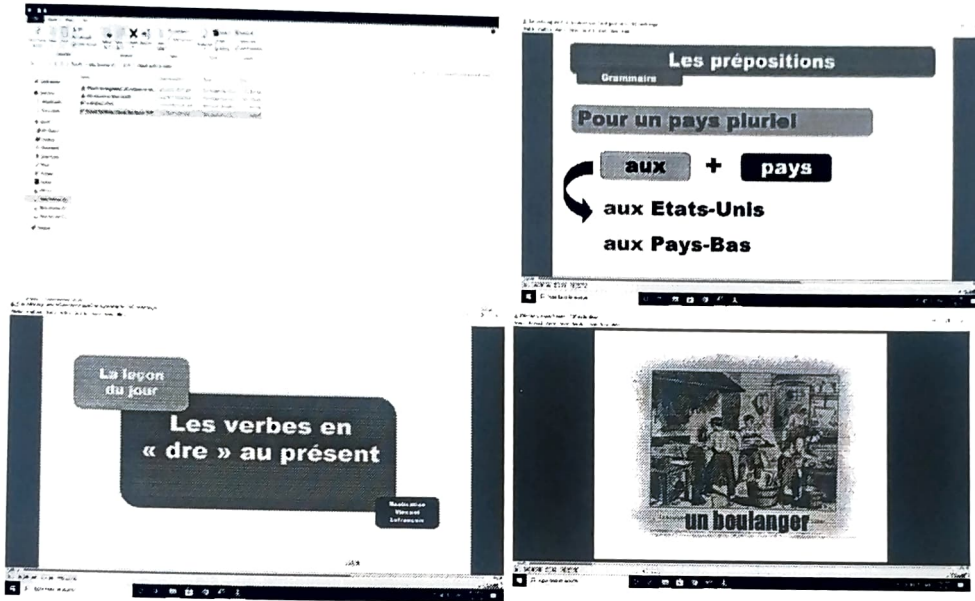
- Nouns - gender and number
- Articles (definite and indefinite), articles contractés
 - Pronouns - personal and others
- Verbs - conjugation of regular and irregular verbs (affirmative and negative) in the following tenses indicative mood) - present, present continuous, recent past,
 - imperative mood
- Adjectives - numeric, qualitative, possessive, demonstrative, interrogative -
- Adverbs - simple adverbs of time, place, quantity
 - Prépositions - simple prépositions (place, time) Interrogation -- interrogative words, interrogative phrases, inversion

Dr. C. Kameswari

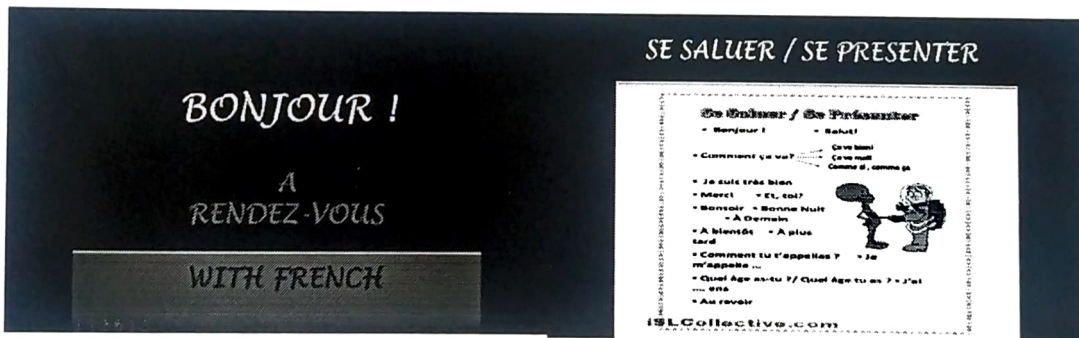
Head of the Department
Department of Languages
Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Secunderabad - 500 094.

Materials used for the FRENCH Certificate Course

1. Video Clips used:



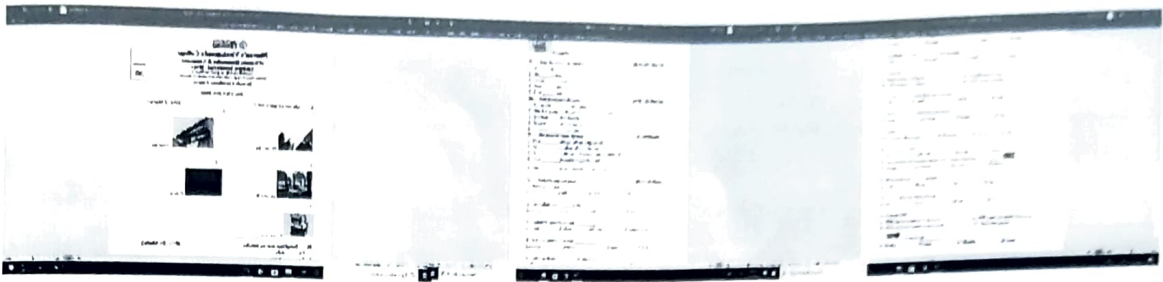
2. Power point presentation



3. Evaluation (Written)

Question Paper for evaluation done at the end of the course:

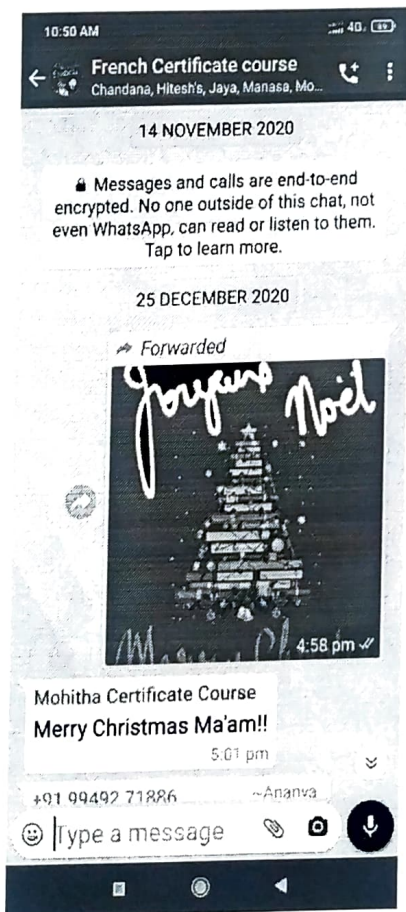
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Sainikpuri, Secunderabad - 500 094.



4. Youtube Clips:



5. Whatsapp group to share necessary material



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 Sainikpuri, Secunderabad - 500 094.

ROLL NO.	NAME OF THE STUDENT	MONTH
		DATE
		INITIAL OF LECTURER
		NO. OF LECTURES

1.	Sanjana Singam.
2.	Ananya
3.	Nitya
4.	Chandana
5.	Priya
6.	Sneha
7.	Sunny
8.	Vineetha
9.	Manasa
10.	Vaishnavi
11.	Taruni
12.	Rusheel
13.	Praharshitha
14.	Mohitha
15.	Hiteeb
16.	Ananda
17.	Varun
18.	Jaya
19.	Swasthinidhi

2	2	3	3												
29	28	28	28												
A	A	A	A												
27	28	29	30	31	32	33	34	35	36	37	38	39			

24	25	26	27											1	1
25	26	27	28											2	2
17	20	4	22											3	3
14	15	16	17											4	4
18	19	20	21											5	5
a	a	a	a											6	6
a	a	a	a											7	7
a	a	a	a											8	8
21	22	23	24											9	9
24	25	26	27											10	10
a	a	a	a											11	11
a	a	a	a											12	12
23	24	25	26											13	13
27	28	29	30											14	14
27	28	29	30											15	15
a	a	a	a											16	16
a	a	a	a											17	17
20	21	22	23											18	18
a	a	a	a											19	19
														20	20
														21	21
														22	22
														23	23
														24	24
														25	25
														26	26
														27	27

Dr. C. V. Srinivasulu Reddy
Head of the Department
 Department of Languages
 Bharatiya Vidya Bhawan Vivekananda College
 Subbarpet, Secunderabad - 500 084.



Bharatiya Vidya
Bhavan

Bhavan's Vivekananda College

of Science, Humanities and Commerce

Sainikpuri, Secunderabad-500094

Accredited with 'A' Grade by NAAC

Autonomous College - Affiliated to Osmania university

Certificate of Completion

*This certificate is awarded to _____
on the successful completion of the Certificate Course in French with
_____ grade in the year _____.*

Mrs. L. V. Kamala Devi
Certificate Course Co-ordinator

Prof. Y. Ashok
Principal



Bhavan's Vivekananda College
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Sainikpuri, Secunderabad – 500094
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CERTIFICATE COURSE (FOR BEGINNERS) IN FRENCH

Objectives:

- To read and write short, simple texts
- To understand a simple dialogue between two French speakers and also take part
- In short, simple conversation using the skills acquired

SALIENT FEATURES

➤ Communication

The course intends to develop oral and written skills towards understanding, expressing and exchanging information/interacting on the topics given below:

- Establish contact with someone.
- Introduce self and others.
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- Spell.
- Count.
- Ask for information.
- Tell the time.
- Advise, order, suggest.
- Invite, accept creation.
- Locate a place.
- Give directions.
- Ask for Give explanations.
- Describe a person, an object, an event, a place.
- Compare.

➤ Phonetics

The course develops the ability to pronounce words, say sentences, questions and give orders using the right accent and intonation:

- To express all positive or negative statements using the right intonation
- To use liaison and enchainment
- To distinguish between vowel sound

Dr. C. Kameswari

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Head. Dept. of Languages
Bhavan's Vivekananda College
Sainikpuri, Secunderabad

➤ Grammar

The course develops the ability to construct sentences and frame questions using:

- Nouns - gender and number
- Articles (definite and indefinite), articles contractés
- Pronouns - personal and others
- Verbs - conjugation of regular and irregular verbs (affirmative and negative) in the following tenses indicative mood) - present, present continuous, recent past.
- Imperative mood
- Adjectives - numeric, qualitative, possessive, demonstrative, interrogative.
- Adverbs - simple adverbs of time, place, quantity
- Prépositions - simple prépositions (place, time) Interrogation -- interrogative words, interrogative phrases, inversion

Course Outcomes :

1. Apply the grammatical structures and vocabulary to comprehend the questions from a given text and respond in full sentences according to the context. To respond orally to basic questions and to give self-presentations.
2. Translate basic texts (using grammar and vocabulary from A1.1 level) from French to English and Vice Versa

Dr. C. Kameswari

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Sainikpuri, Secunderabad



Bhavan's Vivekananda College of Science, Humanities and Commerce

Sainikpuri, Secunderabad-500 094
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Department of Languages

Offers

Certificate Courses in

► Spoken Sanskrit ► French ► Calligraphy

Details of the Courses:

Duration - 30 Hours

From - 5th December 2019

On - Thursdays & Fridays

From - 3:30p.m.-4:30p.m, 4.30-5.30 p.m

For - Students, Faculty,
homemakers & professionals

► For further information contact:

► *Calligraphy* - Dr. C. Kameswari-9391136608

► French - Ms. Manali Bose - 9392416562

► Sanskrit – Dr. Y. Suresh-9866786917

Note: Certificates will be given to the participants on the successful completion of the course.

NOTICE

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2	Spoken Sanskrit	Rs.1000/-	3:30pm - 4:30pm 4:30pm - 5:30pm	Thursdays Fridays	Dr. Y. Suresh Ms. P. Sarada
3	French	Rs.2000/-	3:30 pm - 4:45pm	Thursdays Fridays	Ms. Manali Bose

For further details, contact lecturers from the Department of Languages, Room no. 9.


Principal

Calligraphy Syllabus

2019 - 2020

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Sainikpuri, Secunderabad - 500 094.

Caligraphy

Basic Strokes

Diagonal strokes (top-left to bottom-right)

Vertical strokes

Horizontal strokes

Zigzag strokes

Curved strokes (upward)

Curved strokes (downward)

Wavy strokes

Vertical strokes with a slight curve

Dr. C. Kameswari

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Department of Languages

Bharatiya Vidya Bhavan's Vinayakadasa College
Sainikpuri, Sec. 6, Hyderabad - 500 094.

Basic - Small Alphabets

a b c d e f g

h i j k l m n

o p q r s t u

v w x y z

1 2 3 4 5 6

7 8 9 0

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Bharatiya Vidya Bhawan's Vignana College
Sainikpuri, Hyderabad - 500 094.

Basic - Capital Letters

A B C C D

E F G H I

J K L M N

O O P Q R

S T U V W

X Y Z

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Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Sec 6, Hyderabad - 500 094.

a - an ant always
b - be bet broad
c - can cause candle
d - do den distance
e - egg eat eagle
f - fog forest finish
g - go get ghost
h - he her herald
i - in ink impress
j - Joe jump jungle
k - kite knee kennel

Dr. C. Kameswari

Head of the Department

Department of Languages

Bharatiya Vidya Bhawan's Vivekananda College
Sainikpuri, Hyderabad - 500 094.

L - low long letter

M - man must monkey

N - no not naughty

O - owl orange order

P - pot poll point

Q - quest queque question

R - rot rust range

S - so set single

T - to two tomato

U - us ugly under

V - van vase victory

Dr. C. Kameswari

Head of the Department
Department of Languages

Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Secunderabad - 500 094.

W - Was where weather

X - Xmas Xerox Xylum

Y - You your young

Z - Zoo zero zebra

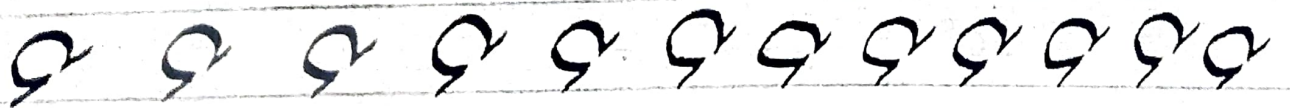
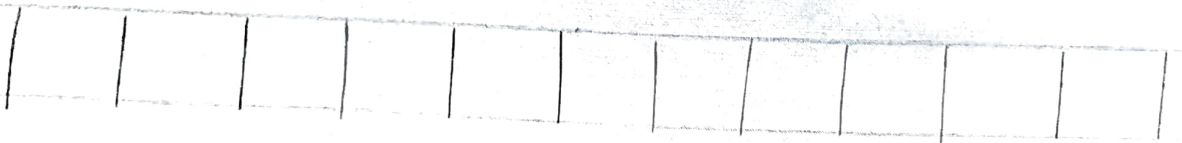
Dr. C. Kameswari

Head of the Department
Department of Languages

Bharatiya Vidya Bhawan's Mahatma College
Sainikpuri Hyderabad - 500 094.

Calligraphy

Advanced Strokes



Dr. C. Kameswari

Head of the Department

Department of Languages

Bharatiya Vidya Shevan's Vivekananda College

Sainikpuri, Sec. 5, Hyderabad - 500 094.

Advanced Calligraphy

Small Letters

a b c d e

f g h i j k

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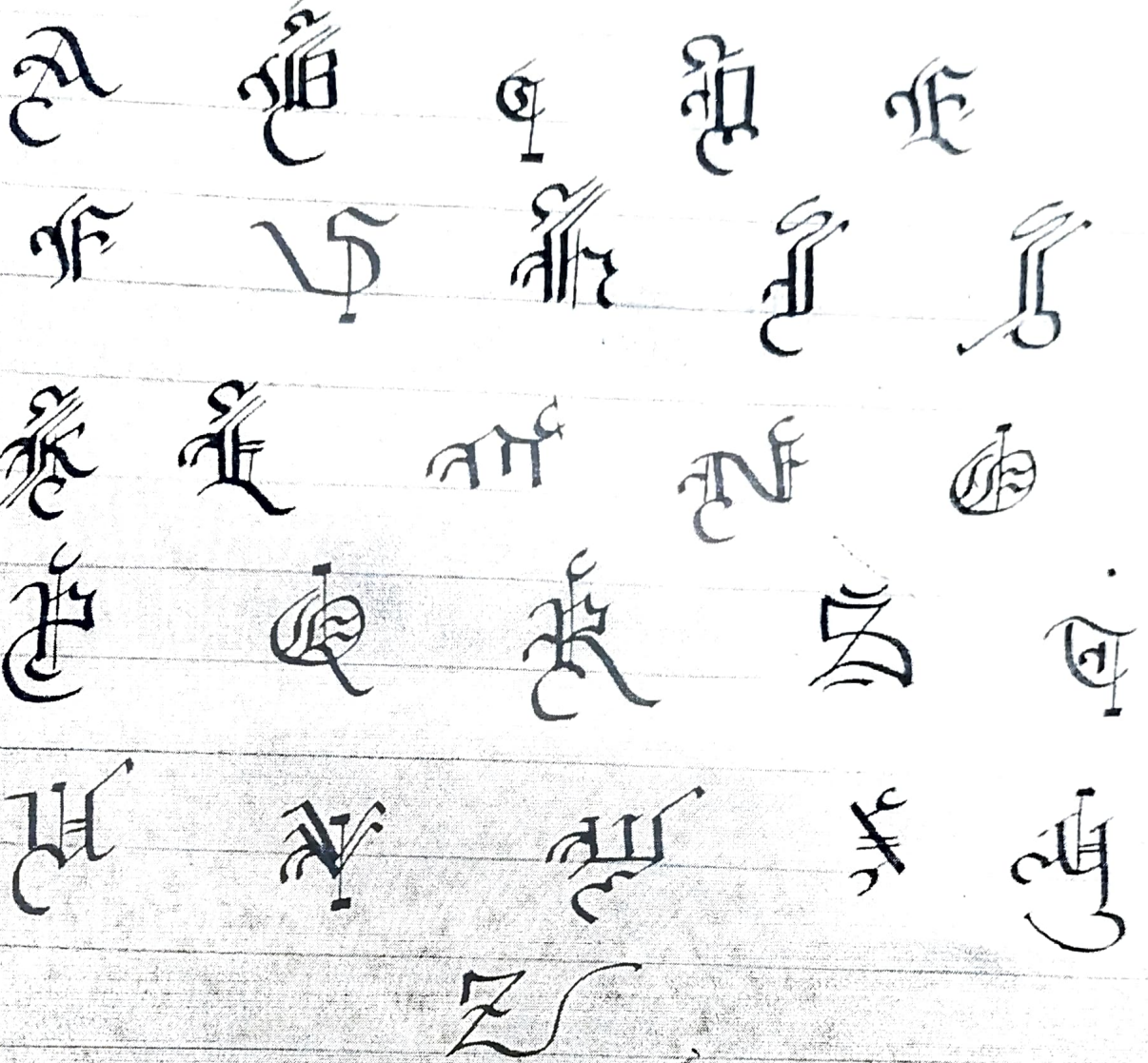
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Dr. C. Kameswari

Head of the Department
Department of Languages
Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Secunderabad - 500 094.

Advanced Calligraphy

Capital Letters - 1



Dr. C. Kameswari

Head of the Department
Department of Languages
Bharatiya Vidya Bhawan's Vivekananda College
Sainikpuri, Hyderabad - 500 094.

Capital Letters - 2

A

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Dr. C. Kameswari

Head of the Department
Department of Languages

Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Secunderabad - 500 094.

Over The Days The Love To
Install Ganesh At Every
Nook And Corner Of The
City At The Time Of Ganesh
Chaturthi Has Gone Up
With High Fervour Among
The Residents Of Twin-
Cities. We Are Running
Neck To Neck with
Maharashtra In This
Enthusiasm.

Dr. C. Kameswari

Head of the Department
Department of Languages
Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Secunderabad - 500 094.

Broad florel Style

A B C D E

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Dr. C. Kameswari

Head of the Department
Department of Languages
Bharatiya Vidya Bhawan's Vivekananda College
Sainikpuri, Hyderabad - 500 094.

Cursive style

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x y z

Dr. C. Kanerwani

Head of the Department
Department of Languages

Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Secunderabad - 500 094.

Kage Style

Nib no: 2

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Dr. C. Kameswari

Head of the Department
Department of Languages

Bharatiya Vidya Bhawan's Vivekananda College
Sainikpuri, Hyderabad - 500 094.

Gigi Style - 1 & 2

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Dr. C. Kameswari

Head of the Department
Department of Languages
Bharatiya Vidya Bhawan's Vivekananda College
Sainikpuri, S. Hyderabad - 500 094.

Diamond cut - 1

a b c d e

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The quick brown

fox jumps over the

lazy dogs.

Dr. C. Kameswari

Head of the Department
Department of Languages
Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Secunderabad - 500 094.

Diamond

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Nib No: 4

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Dr. C. Kameswari

Head of the Department

Department of Languages

Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Secunderabad - 500 094.

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Dr. C. Kamavai

Head of the Department
Department of Languages
Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Secunderabad - 500 094.

व्यंजन

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Dr. C. Kameswari

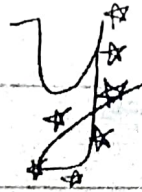
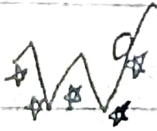
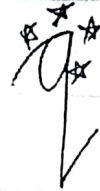
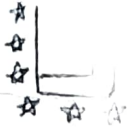
Head of the Department
Department of Languages
Bharatiya Vidya Bhawan's Vivekananda College
Sainikpuri Hyderabad - 500 094.

rose style nib no. 10

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Dr. C. Kameswari
Head of the Department
Department of Languages
Bharatiya Vidya Bhavan's Vivekananda Coll
Sainikpuri, Secunderabad - 500 03

Stars



Dr. C. Kameswari

Head of the Department
Department of Languages
Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Secunderabad - 500 094.

funky style

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Dr. C. Kameswari

Head of the Department
Department of Languages
Bharatiya Vidya Bhavan's Vivekananda College
Sainikpuri, Secunderabad - 500 094.



Bhavan's Vivekananda College

of Science, Humanities and Commerce

Sainikpuri, Secunderabad-500094

Accredited with 'A' Grade by NAAC

Autonomous College - Affiliated to Osmania university

Certificate of Completion

*This certificate is awarded to _____
on the successful completion of the Certificate Course in Calligraphy
with ____ grade in the year _____.*

*Mrs. L. V. Kamala Devi
Certificate Course Co-ordinator*

*Prof. Y. Ashok
Principal*



Bhavan's Vivekananda College
of Science, Humanities & Commerce
Sainikpuri, Secunderabad – 500094
(Accredited with 'A' grade by NAAC)
Autonomous College - Affiliated to Osmania University

Value added course : Calligraphy

Objectives:

- * To familiarize students with basic & advance strokes of Calligraphy
- * To enhance their style of writing to use it for different occasions

Syllabus :

- 1) Basic strokes. Nib No: 2
- 2) Small & Capital alphabets of English language
- 3) Advanced strokes with Nib No: 2
- 4) Small & capital alphabets of English, Hindi and Roman numerals
- 5) Different styles of writing with Nib no's : 0, 1, 3, 4, 5 & 6
- 6) Submit assignment :
 - a) 40 pages notebook with all Strokes / alphabets / Style
 - b) Prepare a chart, a greeting card

Outcomes:

- * Students were able to Learn the art of writing in calligraphy.
- * Students were well acquainted with all the basic & advanced strokes while writing different letters in alphabet

Dr. C. Kameswari
Dr.C. Kameswari
Head, Dept. of Languages
Bhavan's Vivekananda College
Sainikpuri, Secunderabad

CIRCULAR

The certificate course committee is conducting a certificate course for UG in the following area:

Course Name : Graphic Designing
Duration : Duration 30 Hours
Fees : Rs.3000

Objective of the course:

- ~~The~~ primary objective of the course is to teach basics and advanced concepts in graphic designing which help the student to develop self made multimedia applications using **Photoshop** and **Illustrator**.
- Demonstrate methods to digitalize, modify and enhance the appearance of still images.

The students are requested to register themselves before the last date as entries are limited for batch.

For Registration and More Details contact

1. **L.V.Kamala Devi, Assistant Professor, Department of Commerce.**
Coordinator certificate course committee.
2. **Ms.S.Jayalaxmi Lecturer Department of Computer Science.**
Course Incharge.

Registration starting date : 2nd December 2019

Registration ending date: 30th December 2019

The classes are going to commence from 6th January 2020


Mrs.L.V.Kamala Devi

Certificate course coordinator


Prof.Y.Ashok

Principal

(Dr. Y. ASHOK)
PRINCIPAL

Bhavan's Vivekananda College of Science

**6TH
JAN-2020**

CERTIFICATION COURSE

GRAPHIC DESIGNING

MODULES OFFERED

ADOBE PHOTOSHOP

ADOBE ILLUSTRATOR

**REGISTER BY
30TH DEC- 2019**



**BHAVAN'S VIVEKANANDA COLLEGE
OF SCIENCE, HUMANITIES & COMMERCE**

SAINIKPURI, SECUNDERABAD - 500094
AUTONOMOUS COLLEGE, AFFILIATED TO O.U.
ACCREDITED WITH 'A' GRADE BY NAAC

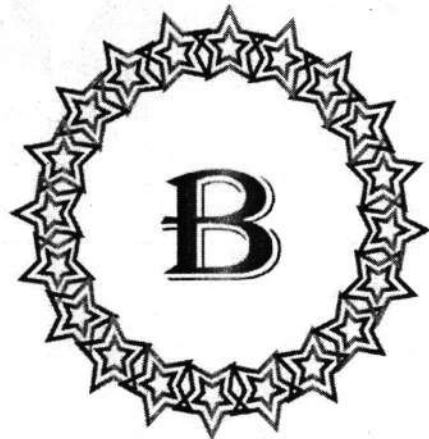
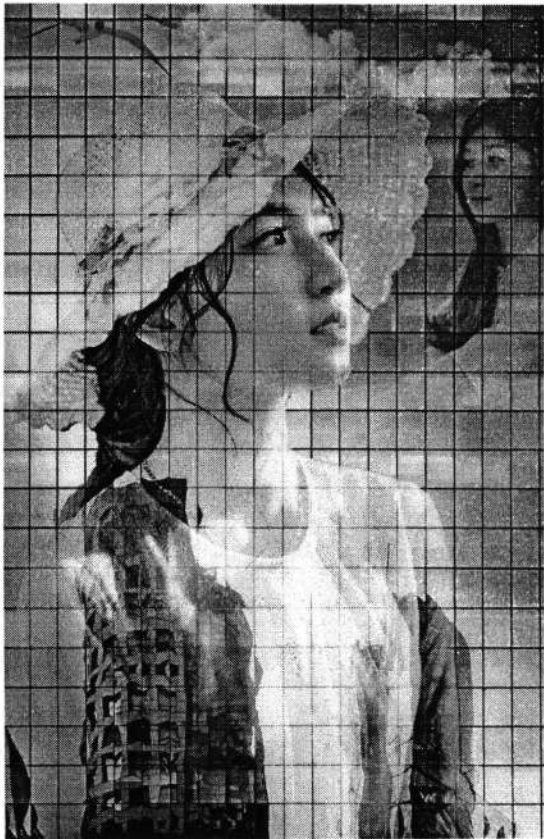
Report on Certificate Course Graphic Design

Certificate course committee of the college conducted graphic designing course from 6th January 2020 to 15th February 2020. A total of 20 students enrolled the course. Adobe Photoshop and illustrator modules were taught with both practical and theory classes.

Students were given opportunity to design official posters and certificates for various college events, to encourage their talent. Creating background images, collage of photographs, double exposure images, logo and commercial ads, were some of the concepts designed by students for the course.

The session was handled by S.Jayalaxmi, R.Manohar faculty department of computer science Bhavan's Vivekananda college.

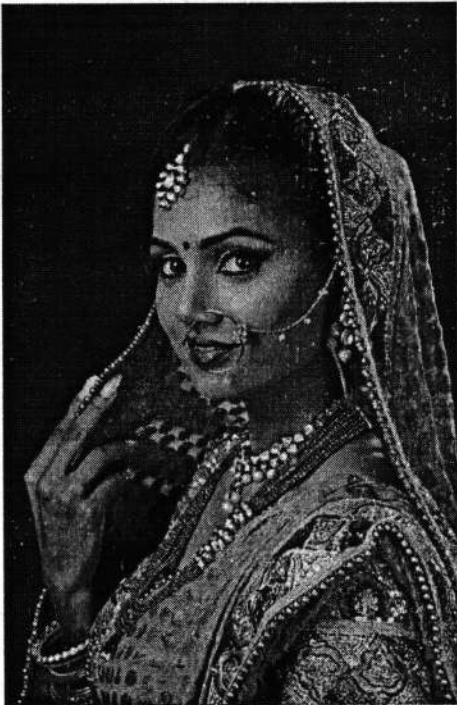




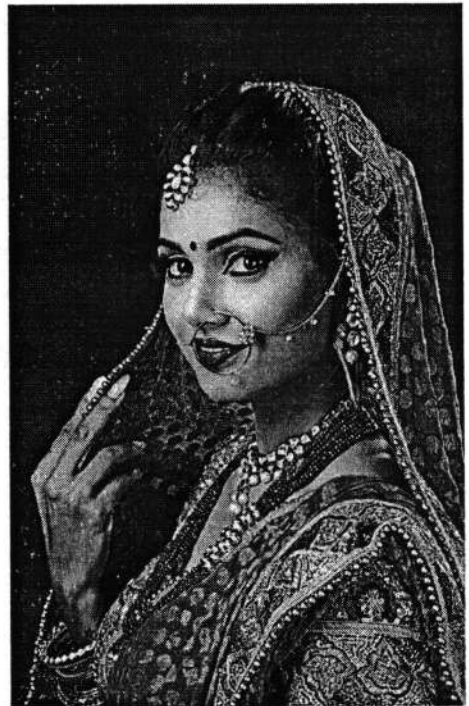
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Graphic Design

Sno	Programme Name	Roll No	Name
1	Bcom Comp II nd yr	107218402081	N Pooja
2	BSC (MPCs) II nd yr	107218468050	N Srinija
3	Bcom Hons II H1	107218407005	B Pavan
4	BA I yr	107219391048	Adweety Mishra
5	BSC MSCs I st yr	107219467062	V Sushma
6	BSC MPCs I st yr	107219468099	Rupani Pravalika
7	BSC MPCs I st yr	107219468098	Puppala Keerthana
8	BSC MPCs I st yr	107219468084	Roshni Rudroju
9	BA I yr	107219391007	Emani Mahathi
10	BSC BTGC I st yr	107219573025	Ch Lalitha Pavani
11	BSC MSCs I st yr	107219467099	U Mamatha
12	BSC MSCs I st yr	107219467053	Sura Tejaswaini
13	BSC MECS Ist yr	107219474074	M Dharani
14	BSC MSCs II nd yr	107218467081	B Snigdha
15	BSC MSCs II nd yr	107218467082	Chamanti Haritha Shankar
16	B Com Computers Ist yr	107219402040	Varsha Kandala
17	BSC MECs II nd yr	107218474050	Padmasree
18	BSC MECs II nd yr	107218474061	Sri Chandana
19	BSC MECs II nd yr	107218474047	Tejaswi
20	BA I yr	107219391008	G Krishna Chiatanya



Bhavan

BHAVAN'S VIVEKANANDA COLLEGE

OF SCIENCE, HUMANITIES & COMMERCE, SAINIKPURI, SECUNDERABAD- 500087

ESTD. 1993, AFFILIATED TO O.U, ACCREDITED WITH 'A' GRADE BY 'NAAC'

AUTONOMOUS COLLEGE

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **NPooja** of
B.Com (Computers) IInd year has successfully completed
his / her certificate course in graphic design duration **30 days** for the academic year **2019-20**.

Mrs. L. V. Kamala Devi
Course Co-ordinator

Prof. Y. Ashok
Principal

Lesson Plan

Sno	Content	No of class Required	No of Class taken
1	Introduction on Graphic design	7	7
	1 Colour theory		
	2 Typography		
	3 Images		
	4 Composition		
	and about photoshop , canvas , layer , saving methods.		
	Selection tool		
	Move tool, Marquee tool, Lasso Tool, Quick Selection Tool, Pen Tool zoom and hand tool,		
	Brush tool, Fill and gradient tool, Shape tool, History brush, Art history brush, Eraser		
	Healing tools, Dodge tools, Clone tool		
	Type tool		
	Blending options, Blending modes		
Adjustment tools			
2	Fliters Menu	8	8
	Bokeh effect		
	Double Exposure		
	Image Manipulation		
	Typography dispersion and Image dispersion		
	Retouching		
3d text and 3d logo			
3	Adobe Illustrator, canvas layer and saving methods	7	7
	Illustrator tools and an example on that		
	Illustrator tools, pathfinders		
	Abstract background design		
	logo design		
	Typography design		
Business Card design			
4	Poster design	4	4
	Brochure design		
	Banner design		
	Image Illustration		
5	Assignments	4	4
		30	30

Graphic Design Classes

Course Structure: 5 week program

Week 1: Photoshop

- Introduction on Graphic design 1. Colour theory, 2. Typography, 3. Images, 4. Composition
- About Photoshop , canvas , layer , saving methods.
- Selection tool
- Move tool, Marquee tool, Lasso Tool, Quick Selection Tool, Pen Tool zoom and hand tool,
- Brush tool, Fill and gradient tool, Shape tool, History brush, Art history brush, Eraser
- Healing tools, Dodge tools, Clone tool
- Type tool
- Blending options, Blending modes
- Adjustment tools

Week 2: Photoshop

- Fliters Menu
- Bokeh effect
- Double Exposure
- Image Manipulation
- Typography dispersion and Image dispersion
- Retouching
- 3d text and 3d logo

Week 3: Illustrator

- Adobe Illustrator, canvas layer and saving methods
- Illustrator tools, pathfinders
- Abstract background design
- logo design
- Typography design
- Business Card design

Week 4: Illustrator

- Poster design
- Brochure design
- Banner design
- Image Illustration

Week 5

Assignments

Course outcome:

- Working knowledge on layers and how to use them.
- Working knowledge of various editing, filtering, and touchup tools with properties.
- Analyze, synthesize, and utilize design processes and strategy from concept to create layered based image structure.
- Utilize relevant tools for editing and correction of visual images.
- Confidently create professional designs for events and other manifestos.
- Evaluate designs for real-time projects and communicate as a designer.

CRT CLASSES CIRCULAR AND SCHEDULE 2019-2020

Facebook (20+) | facebook.com/permalink.php?story_fbid=2361996310563383&id=676815729081458

Bvcplacementcell
July 15, 2019 · 🌐

Campus Recruitment Training (CRT) Classes begins tomorrow
Venue: N21, New Block
Reporting Time-batch-1-8:30 am
Reporting Time-batch-2-2:15 pm
CRT Classes : 16th July 2019 to 26th July 2019.
Duration 30 hours
Batch 1: 8.45 am to 11.45 am (B.Sc (Life Sciences), B.Sc (Physical Sciences), BCA, M.Sc (Biochemistry), M.Sc (Microbiology), M.Sc (Computers))
Batch 2: 2:30 pm to 5:30 pm (B.Com, BBA, BA, M.Com and MBA)
80% attendance is mandatory for CRT classes to become eligible for campus placements.
Kindly be on time for the classes according to the streams mentioned above
for the syllabus click link below
<https://drive.google.com/.../1YJWdFjrHs.../view...>

Quantitative Aptitude (12hrs)	Logical Aptitude (12hrs)	Soft Skills (6hrs)
Orientation	Clocks	Email Writing
Speed Maths	Calendars	Corporate Ethics

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Facebook (20+) | facebook.com/permalink.php?story_fbid=2361996310563383&id=676815729081458

80% attendance is mandatory for CRT classes to become eligible for campus placements.
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Quantitative Aptitude (12hrs)	Logical Aptitude (12hrs)	Soft Skills (6hrs)
Orientation	Clocks	Email Writing
Speed Maths	Calendars	Corporate Ethics
Fractions	Syllogism	Goal Setting
Percentages	Number Series	Resume Writing
Profit and Loss	Analogy	SWOT Analysis
SI & CI	Odd one out	Time Management
Time and Work	Blood Relations	Just - A - Minute
Time and Distance	Direction Sense	Corporate Behaviour
Permutations & Combinations	Coding and Decoding	Personality Development
Probability	Cubes and colours	Public Speaking
Ratios & Proportions	Seating Arrangement	Group Discussion
Averages, Ages, Allegations	Logical Puzzles	Personal Interview

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CRT CLASSES CIRCULAR AND SCHEDULE 2019-2020

Facebook (20+) | facebook.com/permalink.php?story_fbid=2343334402429574&id=676815729081458

Bvcplacementcell
July 4, 2019 ·

Campus Recruitment Training (CRT) Classes
Venue: N21, New Block
Fees: 1,200
Last Date for Payment : 11th July 2019
CRT Classes : 16th July 2019 to 26th July 2019.
Duration 30 hours

Batch 1: 8.45 am to 11.45 am (B.Sc (Life Sciences), B.Sc (Physical Sciences), BCA, M.Sc (Biochemistry), M.Sc (Microbiology), M.Sc (Computers))
Batch 2: 2:30 pm to 5:30 pm (B.Com, BBA, BA, M.Com and MBA)

Fees should be paid in the office
80% attendance is mandatory for CRT classes to become eligible for campus placements.
Interested students who are qualified in PET can also join CRT Classes by making payment.

For syllabus click the link below:
<https://drive.google.com/.../TYJWdFjrHs.../view...>

Quantitative Aptitude (12hrs)	Logical Aptitude (12hrs)	Soft Skills (6hrs)
Orientation	Clocks	Email Writing
Speed Maths	Calendars	Corporate Ethics
Fractions	Syllogism	Goal Setting

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PROFILE

Name:	VAMSI KRISHNA REDDY PATEL
DOB:	31-05-1993
Qualification:	B.TECH – MECHANICAL ENGINEERING – TKR (JNTU) – HYDERABAD
Experience:	<ol style="list-style-type: none">1. Worked as Software Engineer for Google in the year 2015.2. Worked as an Aptitude and Attitude Trainer for Create U.
Profession:	MD – CREATE U Aptitude and Attitude Developer (AAD) Author of two books – Alochimpachese & Alochimpachese 2
Achievements:	<ol style="list-style-type: none">1. Best Seller Award for Alochimpachese in march 2017 by Amazon2. Best Author Award for Alochimpachese in April by Telugu Sahithya Academy3. Emerging Entrepreneur Award by JNTU – HYD (Industry Institution Meet)

Profile

Name:	P KRISHNA CHAITANYA REDDY
DOB:	21-04-1988
Qualification:	MBA - FINANCE – JNTU – HYDERABAD
Experience:	<ol style="list-style-type: none">1. Worked as Commercial Tax Officer (CTO) in the year 2012-132. Worked as Manager in Indian Overseas Bank (IOB) in the year 20113. Worked for T.I.M.E. , NSB, ISB, Success Tree as an Aptitude and Attitude Trainer
Profession:	Chairman & CEO – CREATE U Aptitude Training Professional (ATP) Author of two books – Alochimpachese & Alochimpachese 2
Achievements:	<ol style="list-style-type: none">1. Best Seller Award for Alochimpachese in march 2017 by Amazon2. Best Author Award for Alochimpachese in April by Telugu Sahithya Academy3. Best Intellectual Speech Award by JNTU – HYD (Industry Institution Meet)4. Best Writer Award for Short Story – ‘Naa Prema Katha Kaadhu’5. Best Speech Award for the speech on History of Osmania university in 100 years celebrations.6. Best Aptitude Trainer Award for three consecutive years 2015, 2016 and 2017 by Hyderabad Engineering Colleges Association.



Bhavans Placements <placementcellbvc@gmail.com>

Confirmation of Aptitude Orientation Program - CREATE U

vamshi krishna Reddy <patelvamshireddy@gmail.com>

Tue, Jul 2, 2019 at 9:36 PM

To: placementcellbvc@gmail.com, seema ghosh <seemaghosh7@gmail.com>

Date : 2nd July 2019

To
The Training & Placement Officer
Bhavan's Vivekananda College, Hyderabad.

Sub : Confirmation of Aptitude Orientation Program to be conducted on 6th July 2019 from 11 Am.

Dear Madam,

I, P Vamshi Krishna Reddy, with reference to our discussion today, i.e 02-07-2019, would like to thank you for considering CREATE U to address the students of Bhavan's Vivekananda College. Based on our discussion, I am outlining an orientation program details for the students of Bhavan's Vivekananda College.


In this program we will create awareness and speak about application of natural skills in solving Aptitude Problems and we also discuss -

- 1) Importance of Aptitude in MNC Recruitment.
- 2) What is Aptitude ?
- 3) Importance of Time Management.
- 4) Problem Solving Ability.

Please find the pdf attachment of same below.

Thanks and Regards

P. Vamshi Krishna Reddy
MD - CREATE U
Ph no: 7306547775 ; 9396902020
Email : patelvamshireddy@gmail.com; kreateu@gmail.com

 CREATE U APTITUDE ORIENTATION PROGRAM 2019 -Bhavan's Vivekananda College.pdf
92K

CREATE U

Crisna Reddys Effective & Advanced Training Empowers U

Reg No : 01222318 (446 of 2016)

Phone No : 7306547775

CREATE U Aptitude Orientation Program

Date : 2nd July 2019

To
The Training & Placement Officer
Bhavan's Vivekananda College, Hyderabad.

Sub : Confirmation of Aptitude Orientation Program to be conducted on 6th July 2019 from 11 Am.

Dear Madam,

I, P Vamshi Krishna Reddy, with reference to our discussion today, i.e 02-07-2019, would like to thank you for considering CREATE U to address the students of Bhavan's Vivekananda College. Based on our discussion, I am outlining an orientation program details for the students of Bhavan's Vivekananda College.

In this program we will create awareness and speak about application of natural skills in solving Aptitude Problems and we also discuss -

- 1) Importance of Aptitude in MNC Recruitment.
- 2) What is Aptitude ?
- 3) Importance of Time Management.
- 4) Problem Solving Ability.

Please feel free to call or mail for any clarifications.

Thanks and Regards

P. Vamshi Krishna Reddy
MD - CREATE U
Ph no: 7306547775 ; 9396902020
Email : patelvamshireddy@gmail.com; kreateu@gmail.com



Bhavans Placements <placementcellbvc@gmail.com>

Additional Quotations - CRT

1 message

vamshi krishna Reddy <patelvamshireddy@gmail.com>

Tue, Jul 2, 2019 at 10:16 PM

To: placementcellbvc@gmail.com, seema ghosh <seemaghosh7@gmail.com>

Dear madam,


Please find the attachments of two other quotations below.

Thank you

Vamshi

2 attachments

 FOCUS i CRT Proposal - Bhavans.pdf
145K

 Final CRT Proposal - ABYAAS 2019.pdf
296K

Course Content

Module I: Aptitude

Quantitative Aptitude	No of Hours	Logical Reasoning	No of Hours
Orientation	1	Clocks	1
Speed Maths	1	Calendars	1
Fractions	1	Syllogism/ Logical Deductions	1
Percentages	1	Number Series	1
Profit and Loss	1	Letter Series	1
Simple Interest & Compound Interest	1	Odd one out	1
Time and Work & Pipes and Cisterns	1	Blood Relations	1
Time and Distance (Boats &Streams)	1	Direction Sense	1
Permutations and Combinations	1	Coding and Decoding	1
Probability	1	Cubes and colors	1
Mensuration	1	Seating Arrangement	1
Data Sufficiency & Interpretation	1	Logical Puzzles	1
TOTAL	12	TOTAL	12

Module II: English Verbal & Soft Skills

English Verbal		Soft Skills	
Orientation + Importance		Communication Skills	
Parts of Speech		Group Communication	
Sentence Correction		Presentation	
Spotting Errors		Resume Building	
Ordering Sentences		Interview Preparation	
Vocabulary		Group Discussion	
Reading Comprehension		HR Interview Skills	
TOTAL		TOTAL	

Campus Recruitment Training Proposal – FOCUS i

Date : 29th June 2019

To
Dr. Seema Ghosh
Training & Placement Officer
Bhavans Vivekananda College, Hyderabad

Sub : PROPOSAL and QUOTATION for 30 Hours FOCUS i Campus Recruitment Training Program

Dear Madam

I, Y Naveen Shetty would like to thank you for considering FOCUS i to train the students of BVC, Hyderabad.

Based on our discussion, I am outlining a training program details for the students of BVC.

We are proposing a detailed **30 hours** training program spread across **10 working days**. In this program we will cover three areas - **Quantitative Aptitude, Logical Reasoning and Soft Skills**.

Keeping in mind, the potential long term relationship with your institution, we offer our services at very nominal price i.e **Rs 1500 (One Thousand Five Hundred Rupees Only) per Student**.

Thanks and Regards

Y Naveen Shetty

CEO - FOCUS i

Campus Recruitment Training Proposal

For BVC/Academic Year 2019-20

30 Hours Program

By FOCUS i

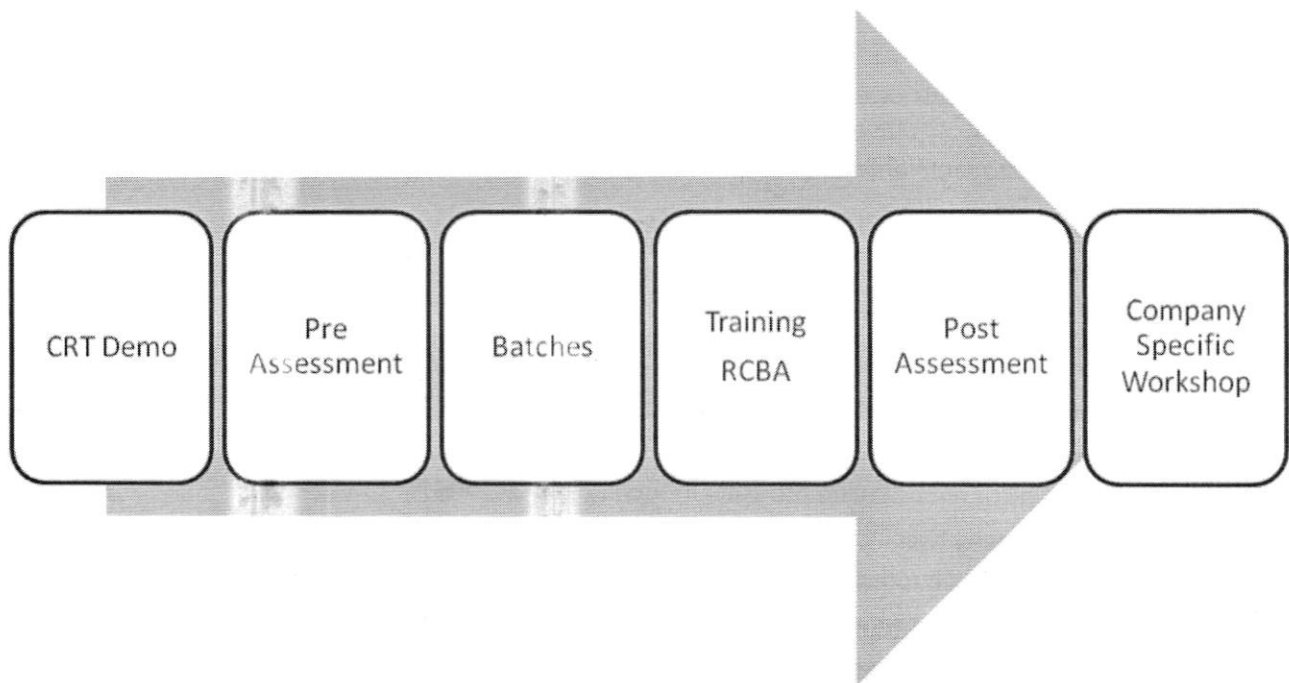
FEE : Rs 1500 per STUDENT

C R T Proposal

For BVC - 24Hours Program

By ABYAAS

Training Methodology



RCBA: Regular Concept Based Assessment

Course Takeaway

- Lectures
 - Activities
 - Audio and Visuals
 - Handouts
 - Assessments
-

Date : 25th June 2019

To
The Training & Placement Officer
Bhavan's Vivekananda College, Hyderabad

Dear Madam,

I, D RAHUL MAHAJAN, with reference to our discussion , would like to thank you for considering ABYAAS to train the students of Bhavan's Vivekananda College. Based on our discussion, I am outlining a training program details for the students of Bhavan's Vivekananda College.

Terms & Conditions

- 12 Hours of Aptitude and Soft Skills Training shall be provided in the first and second spell respectively.
- 6 Hours of Assessments shall be provided in the first and second spell respectively.
- 6 Hours of Company Specific Workshops shall be provided before five campus drives.
- Maximum Limit for a batch shall be 200 students.
- **Pricing: 24 Hours of Program shall be charged Rs 2000/- per student**
- 40 Percent of the total program cost shall be released after the first spell of training program.
- 50 Percent of the remaining program cost shall be released after the second spell of training.
- 10 Percent of the remaining program cost shall be released after the final spell.

Please feel free to call or mail for any clarifications.

Thanks and Regards

D Rahul Mahajan
MD - Abyeas



Bhavans Placements <placementcellbvc@gmail.com>

PROPOSAL and QUOTATION for 30 Hours CREATE U CRT Program

2 messages

vamshi krishna Reddy <patelvamshireddy@gmail.com>

Tue, Jul 2, 2019 at 9:47 PM

To: placementcellbvc@gmail.com, seema ghosh <seemaghosh7@gmail.com>

Date : 2nd July 2019

To
Dr. Seema Ghosh
Training & Placement Officer
Bhavans Vivekananda College, Hyderabad

Sub : PROPOSAL and QUOTATION for 30 Hours CREATE U Campus Recruitment Training Program

Dear Madam

I, P Krishna Chaitanya Reddy would like to thank you for considering CREATE U to train the students of BVC, Hyderabad.

Based on our discussion, I am outlining a training program details for the students of BVC.

We are proposing a detailed **30 hours** training program spread across **10 working days**. In this program we will cover three areas – **Quantitative Aptitude, Logical Reasoning and Soft Skills**.

Keeping in mind, the potential long term relationship with your institution, we offer our services at very nominal price i.e **Rs 1000 (One Thousand Rupees Only) per Student**.

The fees could be collected by the college and passed to us in the installments of

- 50% before the commencement of the course.
- 50% after the completion of the course.

The above mentioned price is applicable only when

- The trainings are conducted in a full day 6 hours (2 batches - 3 hours per Batch) stretch.
- A minimum of 200 students enroll per each batch. (i.e. Batch Size = 200)
- The basic infrastructure (**white board, mike and Speakers**) is provided by the college administration.

The dates of delivery were finalized from 16 – 07 – 2019 to 26 – 07 – 2019.

Below, you can find the details of training content.

Please feel free to call or mail for any clarifications.

Please find the pdf attachments of proposal and syllabus below.

Thanks and Regards

P Krishna Chaitanya Reddy

CEO - CREATE U
Ph no 9396902020 ; 7306547775
Email : chaitanya.reddy04@gmail.com; kreateu@gmail.com

 **CREATE U APTITUDE TRAINING PROGRAM Bhavans - 2019.pdf**
283K


seema ghosh <seemaghosh7@gmail.com>
To: placementcellbvc@gmail.com

Tue, Jul 2, 2019 at 10:38 PM

Sent from my iPhone

Begin forwarded message:

[Quoted text hidden]

 **CREATE U APTITUDE TRAINING PROGRAM Bhavans - 2019.pdf**
283K

CREATE U

Crisna Reddys Effective & Advanced Training Empowers U

Reg No : 01222318 (446 of 2016)

Phone No : 9396902020

CREATE U Campus Recruitment Training Program

Date : 2nd July 2019

To
Dr. Seema Ghosh
Training & Placement Officer
Bhavans Vivekananda College, Hyderabad

Sub : PROPOSAL and QUOTATION for 30 Hours CREATE U Campus Recruitment Training Program

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Thanks and Regards

P Krishna Chaitanya Reddy
CEO - CREATE U
Ph no 9396902020 ; 7306547775
Email : chaitanya.reddy04@gmail.com; kreateu@gmail.com

CREATE U

Crisna Reddys Effective & Advanced Training Empowers U

Reg No : 01222318 (446 of 2016)

Phone No : 9396902020

CREATE U Campus Recruitment Training Program

Quantitative Aptitude (12hrs)	Logical Aptitude (12hrs)	Soft Skills (6hrs)
Orientation	Clocks	Email Writing
Speed Maths	Calendars	Corporate Ethics
Fractions	Syllogism	Goal Setting
Percentages	Number Series	Resume Writing
Profit and Loss	Analogy	SWOT Analysis
SI & CI	Odd one out	Time Management
Time and Work	Blood Relations	Just – A - Minute
Time and Distance	Direction Sense	Corporate Behaviour
Permutations & Combinations	Coding and Decoding	Personality Development
Probability	Cubes and colours	Public Speaking
Ratios & Proportions	Seating Arrangement	Group Discussion
Averages, Ages, Allegations	Logical Puzzles	Personal Interview

Thank you

CREATE U

Crisna Reddys Effective & Advanced Training Empowers U

Reg No : 01222318 (446 of 2016)

Phone No : 9396902020

INVOICE

Date : 27th July 2019

Bill to –

The Training and Placement Cell
Bhavan's Vivekananda College, Hyderabad

DESCRIPTION	AMOUNT
CREATE U Aptitude Training Program for 385 final year students. The fee is Rs 1000 per student. The training was conducted in the college premises for the period of 10 days from 16-07-2019 to 26-07-2019.	385 x 1000 = Rs 385,000.00
TOTAL	Rs 385,000.00 (Rupees Three Lakh Eighty Five Thousand Only)

Terms & Conditions

The payment can be made in the form of a Cheque in the name 'CREATE U' .

NAME : CREATE U
AC NO : 64210510915
IFCS : SBIN0020066
SBI , GUNFOUNDRY
PAN : AANFC6094K
GSTIN : 36AANFC6094K1ZV

Thanks and Regards

P Vamshi Krishna Reddy

MD - CREATE U

Ph no 7306547775 ; 9396902020



Bhavans Placements <placementcellbvc@gmail.com>

Invoice CREATE U - Vamshi

vamshi krishna Reddy <patelvamshireddy@gmail.com>

Sat, Jul 27, 2019 at 10:58 AM

To: seema ghosh <seemaghosh7@gmail.com>, placementcellbvc@gmail.com

Dear Madam,

Please find the attachments of word and pdf invoice below.
If required you can make the corrections in word copy.

Thanks and Regards
Vamshi

2 attachments



INVOICE - Bhavans Vivekananda College, Hyderabad 2019.docx
26K



INVOICE - Bhavans Vivekananda College, Hyderabad 2019.pdf
297K

CREATE U

Crisna Reddys Effective & Advanced Training Empowers U

Reg No : 01222318 (446 of 2016)

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P Vamshi Krishna Reddy

MD - CREATE U

Ph no 7306547775 ; 9396902020

Email : patelvamshireddy@gmail.com ; kreateu@gmail.com

CREATE U

Crisna Reddys Effective & Advanced Training Empowers U

Reg No : 01222318 (446 of 2016)

Phone No : 9396902020

Email : patelvamshireddy@gmail.com ; kreateu@gmail.com



Bhavans Placements <placementcellbvc@gmail.com>

Invoice with Stamp and Signature - CREATE U

1 message


vamshi krishna Reddy <patelvamshireddy@gmail.com>
To: seemaghosh7@gmail.com, placementcellbvc@gmail.com

Thu, Aug 1, 2019 at 9:07 AM

Dear Madam,

Please find the Scanned copy of Invoice with stamp and signature below.

Thankyou
Vamshi

 new doc 2019-08-01 09.03.28-20190801090446.pdf
387K

CREATE U

Crisna Reddys Effective & Advanced Training Empowers U

Reg No : 01222318 (446 of 2016)

Phone No : 9396902020

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Thanks and Regards

P Vamshi Krishna Reddy

MD - CREATE U

Ph no 7306547775 ; 9396902020

Email : patelvamshireddy@gmail.com ; kreateu@gmail.com

For CREATE U
Vamshi
Authorised Signatory

CRT Students List - 2019-20

Sno	ROLL_NUMBER	STUDENT_NAME	COURSE_NAME
1	107217391036	SHENAZ BEGUM	BA 5 SEM
2	107217684049	SRILEKHA TOOPRANI	BBA 5 SEM
3	107217684004	HEMA VIJAYA LAXMI DEVI BALUSU	BBA 5 SEM
4	107217684017	VARSHITHA RUTTALA	BBA 5 SEM
5	107217684037	SRIVANI MATTEDDULA	BBA 5 SEM
6	107217684043	SAKSHI KINIKAR	BBA 5 SEM
7	107217684054	SRIYA KONKIMALLA	BBA 5 SEM
8	107217684030	SANJANA BANSODE	BBA 5 SEM
9	107217684018	SRAVYA GAJAM	BBA 5 SEM
10	107217684038	MUBEEN TAJ S	BBA 5 SEM
11	107217684027	ALEX JOSEPH A	BBA 5 SEM
12	107217684042	PREKSHA PATEL	BBA 5 SEM
13	107217684035	KRITHIKA THAKUR	BBA 5 SEM
14	107217684007	DEEKSHITHA CHANDUPATLA	BBA 5 SEM
15	107217684046	SURABHI SARNA	BBA 5 SEM
16	107217684057	MEGHA GOPINATH	BBA 5 SEM
17	107217684008	SRI SUMALIKHAW DEVULAPALLY	BBA 5 SEM
18	107217684058	BHAVANI MITTAPALLI	BBA 5 SEM
19	107217684060	AASHIKA SRIVASTAVA SRIKANTH	BBA 5 SEM
20	107217684022	NAGA SWETHA TATA	BBA 5 SEM
21	107217684051	CHUSVIKA CEETY GANGA	BBA 5 SEM
22	107217684014	SUSMITHA NINALA	BBA 5 SEM
23	107217684039	SIVA PRIYA MUKKAMALA V	BBA 5 SEM
24	107217684024	ARUN REDDY VANGA	BBA 5 SEM
25	107217684040	NIDHI SARAF	BBA 5 SEM
26	107217684028	CHANDRA PRAKASH REDDY ALIMINETI	BBA 5 SEM
27	107217684036	HRITHIK KUMAR LEDHORIYA	BBA 5 SEM
28	107217684052	YASHWANTH KAMINI	BBA 5 SEM
29	107217684031	CHETHAN CHOWDARY	BBA 5 SEM
30	107217684023	SAI TEJA UPPUTURU	BBA 5 SEM
31	107217684001	NIKITHA ADAVELLI	BBA 5 SEM
32	107217684009	HANISHA KURA	BBA 5 SEM
33	107217684015	NAGA DEEPIKA P V	BBA 5 SEM
34	107217684010	SURESH JARAJAPU	BBA 5 SEM
35	107217684021	AJAY SOMALLA	BBA 5 SEM
36	107217684019	UMA NITESH S	BBA 5 SEM
37	107217861005	ALEKHYA RAYELI	BCA 5 SEM
38	107217861044	UTKARSH GUPTA	BCA 5 SEM
39	107217861022	MANNE SAI HARISH	BCA 5 SEM
40	107217861029	P BEENITA RANI	BCA 5 SEM
41	107217861025	NAYAKI C P	BCA 5 SEM
42	107217861033	PREM CHAND JANNARAM	BCA 5 SEM
43	107217861049	VYSHNAVI PRODDUTURI	BCA 5 SEM
44	107217861045	VAISHNAVI MALLA	BCA 5 SEM
45	107217861001	ABHISHEK KARAVADI	BCA 5 SEM
46	107217861023	MD SHOAB	BCA 5 SEM
47	107217861032	PRANEETH REDDY KESARAPU	BCA 5 SEM

48	107217861014	HARI HARAN DEVARAKONDA SRIVENKATA	BCA 5 SEM
49	107217861050	YASHWANT SINGH RAJPURI	BCA 5 SEM
50	107217861042	UDAY KUMAR POOSARLA	BCA 5 SEM
51	107217861003	AKASH B	BCA 5 SEM
52	107217861028	NITESH KUMAR A	BCA 5 SEM
53	107217861030	PARVEZ MD	BCA 5 SEM
54	107217402103	RAVALI KOPPULA	BCOM COMP 5 SEM
55	107217402078	RAWALIKA PALLA	BCOM COMP 5 SEM
56	107217402060	ORION AROGYAM BHASKARAN	BCOM COMP 5 SEM
57	107217402086	SREEKANTH B	BCOM COMP 5 SEM
58	107217402106	SHAIK SHABANA	BCOM COMP 5 SEM
59	107217402080	RESHMA YADAV S	BCOM COMP 5 SEM
60	107217402102	PREETI CHANDA MALLICK	BCOM COMP 5 SEM
61	107217402084	SHRAVANI JAKKIREDDY	BCOM COMP 5 SEM
62	107217402082	SAI CHANDANA PEDDAGOUNI	BCOM COMP 5 SEM
63	107217402101	PARIDA RANJITHA	BCOM COMP 5 SEM
64	107217402057	KOWKUTLA BHAVANA	BCOM COMP 5 SEM
65	107217402108	SUMITA BHOWMICK	BCOM COMP 5 SEM
66	107217402097	KUMARI POOJA	BCOM COMP 5 SEM
67	107217402027	SUCHITRA G	BCOM COMP 5 SEM
68	107217402120	MADHULIKA D	BCOM COMP 5 SEM
69	107217402104	ARCOT RAVI KUMAR ANURAG	BCOM COMP 5 SEM
70	107217402083	SAI KUMAR CHINTADA	BCOM COMP 5 SEM
71	107217402010	G N SRAVYA	BCOM COMP 5 SEM
72	107217402119	KOMAL A KOLI	BCOM COMP 5 SEM
73	107217402092	DP SRAVYA	BCOM COMP 5 SEM
74	107217402026	SIREESHA J	BCOM COMP 5 SEM
75	107217402043	S SAI ROHINI	BCOM COMP 5 SEM
76	107217402065	BHARATH REDDY S	BCOM COMP 5 SEM
77	107217402036	HABEEB MADIHA	BCOM COMP 5 SEM
78	107217402098	KUMARI PRIYA	BCOM COMP 5 SEM
79	107217402044	S VAISHNAVI	BCOM COMP 5 SEM
80	107217402040	PRIYA KUMARI	BCOM COMP 5 SEM
81	107217402018	PADALA KANCHANA	BCOM COMP 5 SEM
82	107217402017	MADISHETTY BHAVANI	BCOM COMP 5 SEM
83	107217402023	SAMUDRALA SNEHA	BCOM COMP 5 SEM
84	107217402066	DEEKSHITHA R	BCOM COMP 5 SEM
85	107217402025	SILAMKOTI ALEKHYA	BCOM COMP 5 SEM
86	107217402111	CHINMAY VIKAS NAKKA	BCOM COMP 5 SEM
87	107217402081	RUCHITHA CHINNALAXMI ADAVIPALLI	BCOM COMP 5 SEM
88	107217402049	YADHI VAMSHI	BCOM COMP 5 SEM
89	107217402117	SHIVA PRASAD E	BCOM COMP 5 SEM
90	107217402015	MACHAVARAM VAISHNAVI	BCOM COMP 5 SEM
91	107217402021	RAMPALLY NARESH KUMAR GOUD	BCOM COMP 5 SEM
92	107217402063	AMULYA YADAVALLI	BCOM COMP 5 SEM
93	107217402079	RENUKA C	BCOM COMP 5 SEM
94	107217402035	KISHOR MALLARI	BCOM COMP 5 SEM
95	107217402068	HEMANTH REDDY KESIREDDY	BCOM COMP 5 SEM
96	107217402064	AVINASH N	BCOM COMP 5 SEM
97	107217402114	KAVYA REDDY KATKURI	BCOM COMP 5 SEM

98	107217402037	NEHA S	BCOM COMP 5 SEM
99	107217402005	SRINATH B	BCOM COMP 5 SEM
100	107217402116	PIGILI SHIVA KEERTHI YADA	BCOM COMP 5 SEM
101	107217402041	R RAMYA	BCOM COMP 5 SEM
102	107217402077	GOUTE RAMYA KRISHNA	BCOM COMP 5 SEM
103	107217402052	N KEERTHI	BCOM COMP 5 SEM
104	107217402006	B JAGDISH PAVAN KUMAR	BCOM COMP 5 SEM
105	107217402112	HEMANTH PEERLAPALLY HEMANTH	BCOM COMP 5 SEM
106	107217402024	SHAMILI ROSE R	BCOM COMP 5 SEM
107	107217402020	VAJJALA PRAVEEN KUMAR	BCOM COMP 5 SEM
108	107217402105	RISHITHA SONTE	BCOM COMP 5 SEM
109	107217402048	TATIKONDA NETHRAJA	BCOM COMP 5 SEM
110	107217402058	MUBEENA BEGUM	BCOM COMP 5 SEM
111	107217402014	KAKUMANU LEELA SAI SIRISHA	BCOM COMP 5 SEM
112	107217402061	PRIYANKA A	BCOM COMP 5 SEM
113	107217402059	NAGA BHAVANA CHINTHAMREDDY	BCOM COMP 5 SEM
114	107217402031	ANJALI SASI KUMAR	BCOM COMP 5 SEM
115	107217402013	GUGULOTH NIHARIKA	BCOM COMP 5 SEM
116	107217402016	MADANAPALLY MAHATI	BCOM COMP 5 SEM
117	107217407114	TEJASWINI M J	BCOM HONS 5 SEM
118	107217407107	SUMA RITHIKA K	BCOM HONS 5 SEM
119	107217407044	SANCHIT SIKKA	BCOM HONS 5 SEM
120	107217407057	KAMESWARI HARINI VELURI	BCOM HONS 5 SEM
121	107217407054	TEJASREE JANNU	BCOM HONS 5 SEM
122	107217407063	ANUSHA PAMPARI	BCOM HONS 5 SEM
123	107217407093	RASHMI PREETA S	BCOM HONS 5 SEM
124	107217407104	SHYAM RAJ DANGU	BCOM HONS 5 SEM
125	107217407013	D NIKHIL GUMARE	BCOM HONS 5 SEM
126	107217407069	GULNAZ	BCOM HONS 5 SEM
127	107217407055	TIRUMALA GANESH GOUD	BCOM HONS 5 SEM
128	107217407074	K VAISHNAVI	BCOM HONS 5 SEM
129	107217407087	NAVEEN KUMAR TAKU	BCOM HONS 5 SEM
130	107217407109	SWARAJ GOUD INDRALA	BCOM HONS 5 SEM
131	107217407017	HARSHVARDHAN BALODIYA	BCOM HONS 5 SEM
132	107217407007	ANKIT SINGH	BCOM HONS 5 SEM
133	107217407009	APARNA N	BCOM HONS 5 SEM
134	107217407003	AASTHA D NANKANI	BCOM HONS 5 SEM
135	107217407006	ANJALI KUMARI	BCOM HONS 5 SEM
136	107217407094	ROSELIN BALABHADRA	BCOM HONS 5 SEM
137	107217407083	MEENA J	BCOM HONS 5 SEM
138	107217407068	GORUMUCHU SURESH NAMRATHA	BCOM HONS 5 SEM
139	107217407082	MADHU MEESALA	BCOM HONS 5 SEM
140	107217407047	SHRAVANI SALADI	BCOM HONS 5 SEM
141	107217407024	KARAMPUDI RAMYA	BCOM HONS 5 SEM
142	107217407059	GUNDA VAISHNAVI	BCOM HONS 5 SEM
143	107217407012	BANDARI BHAGYA LAXMI	BCOM HONS 5 SEM
144	107217407049	SINDHU SHIVA	BCOM HONS 5 SEM
145	107217407052	T V SRI SARANYA	BCOM HONS 5 SEM
146	107217407026	LIKHITHA SRI K	BCOM HONS 5 SEM
147	107217407040	PREM KUMAR JANGITI	BCOM HONS 5 SEM

148	107217407058	VAISHNAVI G	BCOM HONS 5 SEM
149	107217407106	SREERAM MOUNIKA	BCOM HONS 5 SEM
150	107217407119	YAMINI B	BCOM HONS 5 SEM
151	107217407066	DISHA C	BCOM HONS 5 SEM
152	107217407042	ROHIT PATHRE	BCOM HONS 5 SEM
153	107217407027	MADHANDEEP MANDA	BCOM HONS 5 SEM
154	107217407038	PRACHI RAMPAL	BCOM HONS 5 SEM
155	107217407037	PRABHJOT KAUR KAPOOR	BCOM HONS 5 SEM
156	107217407030	MONIKA KUSHWAHA	BCOM HONS 5 SEM
157	107217407041	RAKSHITA KUSHWAHA	BCOM HONS 5 SEM
158	107217407103	SHWETASHRIKRISHNAKA BAJAJ	BCOM HONS 5 SEM
159	107217407019	JAYA SHREE G	BCOM HONS 5 SEM
160	107217407077	KOLARIYA KRISHNA	BCOM HONS 5 SEM
161	107217407073	JEEVAN KUMAR P	BCOM HONS 5 SEM
162	107217407091	PATHI TARUN RAJ	BCOM HONS 5 SEM
163	107217407061	ABHINAV FREDRICK SAVIO GEMONIE	BCOM HONS 5 SEM
164	107217407015	DIVYA SINGH	BCOM HONS 5 SEM
165	107217407072	JAGRAM KEDAS AJAY KUMAR	BCOM HONS 5 SEM
166	107217407117	VIJETHA MEDI	BCOM HONS 5 SEM
167	107217401113	SHIVANI V VERMA	BCOM REG 4 SEM
168	107217401015	HIMANI O J	BCOM REG 5 SEM
169	107217401013	GAYATHRI NALLA	BCOM REG 5 SEM
170	107217401004	BHANU PRASAD E R	BCOM REG 5 SEM
171	107217401070	AJAY BOSE	BCOM REG 5 SEM
172	107217401035	ROHITH KUMAR PANDIT	BCOM REG 5 SEM
173	107217401047	SOMA SHEKAR CHINTHAKAYALA	BCOM REG 5 SEM
174	107217401019	JANARDHAN REDDY GUNDLAPELLI	BCOM REG 5 SEM
175	107217401123	DIMPLE	BCOM REG 5 SEM
176	107217401166	MANKALA SAI SHRUTHI	BCOM REG 5 SEM
177	107217401150	KASULA SHIVA JYOTHI	BCOM REG 5 SEM
178	107217401050	SUNKE SHRUTHI	BCOM REG 5 SEM
179	107217401051	SUPRIYA POLOJU	BCOM REG 5 SEM
180	107217401085	LAVETI DHARANI	BCOM REG 5 SEM
181	107217401052	THADABOAINA SARANGAM SUSHMA	BCOM REG 5 SEM
182	107217401114	SHRAVAN KUMAR M	BCOM REG 5 SEM
183	107217401042	SANJAY ADLA	BCOM REG 5 SEM
184	107217401031	TADIMALLA NIKHIL SHARMA	BCOM REG 5 SEM
185	107217401003	BALA SAI VANDANA R	BCOM REG 5 SEM
186	107217401071	AKSHAT KHATTRI	BCOM REG 5 SEM
187	107217401175	SUPRIYA J	BCOM REG 5 SEM
188	107217401032	P AISHWARYA SARATH	BCOM REG 5 SEM
189	107217401168	P ANIL KUMAR REDDY	BCOM REG 5 SEM
190	107217401009	DIVYA VEMULA	BCOM REG 5 SEM
191	107217401088	MANAV PARIKH	BCOM REG 5 SEM
192	107217401157	GANTI VENKAT SURESH	BCOM REG 5 SEM
193	107217401068	G RAHUL	BCOM REG 5 SEM
194	107217401044	SHIRISHA REDDY TALASNI	BCOM REG 5 SEM
195	107217401136	SANJAM SINGH	BCOM REG 5 SEM
196	107217401159	K.R KRISHNA DESHIKAN	BCOM REG 5 SEM
197	107217401029	NIHARIKA ANNAVARAPU	BCOM REG 5 SEM

198	107217401132	GUMMADI PRERANA REDDY	BCOM REG 5 SEM
199	107217401174	SNEHA E	BCOM REG 5 SEM
200	107217401133	PUNAM	BCOM REG 5 SEM
201	107217401090	MD ABDUL SALMAN	BCOM REG 5 SEM
202	107217401098	POOJA CHOUDHARY	BCOM REG 5 SEM
203	107217401105	REEMA MARIAM RAJU	BCOM REG 5 SEM
204	107217401065	NAGA DIVYA PAVANI LANKA	BCOM REG 5 SEM
205	107217401056	VANAJA SANGINAMONI	BCOM REG 5 SEM
206	107217401045	SHRUTI AVADHANULA	BCOM REG 5 SEM
207	107217401151	RAIKANTI ROHAN	BCOM REG 5 SEM
208	107217401060	YOGITHA MAKTALA	BCOM REG 5 SEM
209	107217401115	SHUBH AGARWAL	BCOM REG 5 SEM
210	107217401055	TUDUGANI SAI VINEETH	BCOM REG 5 SEM
211	107217401043	SHANMUGA NANDHAN M	BCOM REG 5 SEM
212	107217401034	RAHUL SAI	BCOM REG 5 SEM
213	107217401107	SRINIVASAN ANOOP	BCOM REG 5 SEM
214	107217401099	POONAM	BCOM REG 5 SEM
215	107217401112	SHAIK SANA	BCOM REG 5 SEM
216	107217401116	SRINITYA AKELLA	BCOM REG 5 SEM
217	107217401171	SAI AMULYA GORTI	BCOM REG 5 SEM
218	107217401153	SAI TARUN SINGH BONDILI	BCOM REG 5 SEM
219	107217401069	ROHITH NAGABANDI	BCOM REG 5 SEM
220	107217401108	SAI BHARGAV SISTA	BCOM REG 5 SEM
221	107217401179	VELAGANDULA BHARATH	BCOM REG 5 SEM
222	107217401177	SUSHAL BHANDARI	BCOM REG 5 SEM
223	107217401152	RAJA SHEKAR K	BCOM REG 5 SEM
224	107217474085	NITESH M	BSC MECS 5 SEM
225	107217474080	MANOGNA SAI VISHNUMOLAKALA	BSC MECS 5 SEM
226	107217474094	SURYAKANTH BAL	BSC MECS 5 SEM
227	107217474073	DEEKSHA CHATTERJEE	BSC MECS 5 SEM
228	107217474033	K ROHAN	BSC MECS 5 SEM
229	107217474053	GUNJI VENKATESH	BSC MECS 5 SEM
230	107217474039	BANDI SHASHANK	BSC MECS 5 SEM
231	107217474060	ANU KUMARI DUBEY	BSC MECS 5 SEM
232	107217474072	GUGGILLA BHARADWAJ	BSC MECS 5 SEM
233	107217474083	NEERAJ KUMAR TOLUVA	BSC MECS 5 SEM
234	107217474081	AKULA NAGARJUNA RAO	BSC MECS 5 SEM
235	107217474021	BODDU MAHESH KUMAR	BSC MECS 5 SEM
236	107217474032	PULLABHATLA PRIYANKA	BSC MECS 5 SEM
237	107217474023	MEGHANA KOLTHURI	BSC MECS 5 SEM
238	107217474052	GOSHIKA VENKATESH	BSC MECS 5 SEM
239	107217474047	GAVINOLLA SWARNAREKHA	BSC MECS 5 SEM
240	107217474020	NANGUNURI LAXMI PRASANNA	BSC MECS 5 SEM
241	107217474069	AFSHEEN TABASSUM	BSC MECS 5 SEM
242	107217474010	D HARIHARAN	BSC MECS 5 SEM
243	107217474013	MUPPURI HEMANTH SAI	BSC MECS 5 SEM
244	107217474014	KARMAKONDA PAVAN	BSC MECS 5 SEM
245	107217474034	A SAI KEERTHI	BSC MECS 5 SEM
246	107217474076	GANDIKOTA SRI LAKSHMI MAHATHI	BSC MECS 5 SEM
247	107217474006	YENGANAVARI DHARANI	BSC MECS 5 SEM

248	107217474035	POTHULA SAI	BSC MECS 5 SEM
249	107217474007	DHEERAVATH RAJKUMAR	BSC MECS 5 SEM
250	107217474098	SHRUTHI REDDY V	BSC MECS 5 SEM
251	107217474096	PRANAY RATNAKAR SIDDELA	BSC MECS 5 SEM
252	107217474084	NIHARIKA GOJE	BSC MECS 5 SEM
253	107217474089	B.J. RITHIKA	BSC MECS 5 SEM
254	107217474001	ABHISHEK KANAPARTHY	BSC MECS 5 SEM
255	107217474008	PRATHI ESWARA CHARAN	BSC MECS 5 SEM
256	107217474025	KOLA NAGA SAI KRISHNA	BSC MECS 5 SEM
257	107217474051	MADALA VENKATA SAI GOPI NATH	BSC MECS 5 SEM
258	107217474045	MAREPALLY SRUJANA	BSC MECS 5 SEM
259	107217474050	P VAISHNAVI	BSC MECS 5 SEM
260	107217474028	KONDUGARI PRASHANTHI	BSC MECS 5 SEM
261	107217474040	GORTY SREE NAGA VENKATA SIRISHA	BSC MECS 5 SEM
262	107217474015	SHYAMALA KARUNAKAR	BSC MECS 5 SEM
263	107217474070	AMAN VERMA	BSC MECS 5 SEM
264	107217468092	BOJJA SAI SHIVANI	BSC MPCS 5 SEM
265	107217468037	BODAS RAJESH	BSC MPCS 5 SEM
266	107217468036	SHANTILAL RAHUL JAIN	BSC MPCS 5 SEM
267	107217468057	SHWETHA NAGULA	BSC MPCS 5 SEM
268	107217468010	SOMAVARAPU CHAITANYA KUMAR	BSC MPCS 5 SEM
269	107217468085	PALLAVI KUMARI	BSC MPCS 5 SEM
270	107217468089	RESHAM	BSC MPCS 5 SEM
271	107217468097	SWATHI MAJJI	BSC MPCS 5 SEM
272	107217468084	NISHITHA EDULAKANTI	BSC MPCS 5 SEM
273	107217468091	SABA ANJUM KHANAM	BSC MPCS 5 SEM
274	107217468075	SRI SATYA DEVI MEDISETTI	BSC MPCS 5 SEM
275	107217468071	NEERAJA SAI SREE PINDIPROLI	BSC MPCS 5 SEM
276	107217468020	GUNDU HARSHA VARDHAN	BSC MPCS 5 SEM
277	46816092	SEEDARLA SUSHEEL RAJ	BSC MPCS 5 SEM
278	107217468064	TEJA TANNEERU	BSC MPCS 5 SEM
279	107217468073	SHIVA NARAYAN DEY	BSC MPCS 5 SEM
280	107217468079	DILLIP KUMAR PATRO	BSC MPCS 5 SEM
281	107217468061	ENISHETTY SUPRIYA	BSC MPCS 5 SEM
282	107217468043	BAIRI RISHITHA	BSC MPCS 5 SEM
283	107217468094	SHREYA RENUKUNTA	BSC MPCS 5 SEM
284	107217468074	SOUNDARYA A	BSC MPCS 5 SEM
285	107217468045	PANTHANGI SAI SHREYA	BSC MPCS 5 SEM
286	107217468039	SWARNA RAJESWARI	BSC MPCS 5 SEM
287	107217468032	PRANAVA SESA SAI M	BSC MPCS 5 SEM
288	107217468052	SARVANI PAMIDIGHANTAM	BSC MPCS 5 SEM
289	107217468058	SOUNDARYA S	BSC MPCS 5 SEM
290	107217468049	SANGITA RAWLO	BSC MPCS 5 SEM
291	107217468070	C DIVYA DARSHINI	BSC MPCS 5 SEM
292	107217468012	KODE CHANDRA SAI	BSC MPCS 5 SEM
293	107217468069	ADITYA KAUSHIK	BSC MPCS 5 SEM
294	107217468014	CHIRANJIBI SUTAR	BSC MPCS 5 SEM
295	107217468024	MEGHANA KORIVI	BSC MPCS 5 SEM
296	107217468006	GAJULAPALLE ANISHYA	BSC MPCS 5 SEM
297	107217468034	RADHA MADHURI THUMMALAPALLI	BSC MPCS 5 SEM

298	107217468046	MAMIDALA SAI VAMSHI	BSC MPC5 5 SEM
299	107217468040	GUNTI RAJU	BSC MPC5 5 SEM
300	107217468099	VIVEKANANDA RUPANI	BSC MPC5 5 SEM
301	107217467012	DADIREDDY BINDHU SRI	BSC MSC5 5 SEM
302	107217467037	KUDURUPAKA PRASHANTH	BSC MSC5 5 SEM
303	107217467050	YASKI DEEPAK	BSC MSC5 5 SEM
304	107217467064	KANDUKURI VAISHNAVI KUMAR	BSC MSC5 5 SEM
305	107217467069	SWETHA CHOLLETI	BSC MSC5 5 SEM
306	107217467067	VISSAPRAGADA HARITHA	BSC MSC5 5 SEM
307	107217467071	HRITHIKA CHARUKULA	BSC MSC5 5 SEM
308	107217467088	PEDDAPURAM CHENDRA KANTH	BSC MSC5 5 SEM
309	107217467095	P NAGA BHAVANI	BSC MSC5 5 SEM
310	107217467062	SRINATH CHOWDARY TUMMALA	BSC MSC5 5 SEM
311	107217467056	GUTHI .VARUN	BSC MSC5 5 SEM
312	107217467053	BUSSA SNEHA	BSC MSC5 5 SEM
313	107217467063	VAISHNAVI PRIYA V	BSC MSC5 5 SEM
314	107217467015	G ASHWITHA	BSC MSC5 5 SEM
315	107217467039	SIRIKONDA RAJESH KUMAR	BSC MSC5 5 SEM
316	107217467099	TALAGAMA BHANU CHANDER	BSC MSC5 5 SEM
317	107217467013	DARSA M MOHAN	BSC MSC5 5 SEM
318	107217467049	ANITHA SUTARI	BSC MSC5 5 SEM
319	107217467004	CHENNA ALEKHYA	BSC MSC5 5 SEM
320	107217467018	GORLA DIVYA NAGA SRI	BSC MSC5 5 SEM
321	107217467066	VENNELA CHEKURCHA	BSC MSC5 5 SEM
322	107217467021	K KAMAKSHI	BSC MSC5 5 SEM
323	107217467005	ALISHA JABEEN	BSC MSC5 5 SEM
324	107217467055	GONE SHARANYA	BSC MSC5 5 SEM
325	107217467065	VANGA SRILEKHA	BSC MSC5 5 SEM
326	107217467038	RACHANA VANAMALA	BSC MSC5 5 SEM
327	107217467061	TARUN PENTAM	BSC MSC5 5 SEM
328	107217467083	PRATHAM JOSHI	BSC MSC5 5 SEM
329	107217467072	SRI NITYA KANDULA	BSC MSC5 5 SEM
330	107217467047	SAI TEJA MADISHETTY	BSC MSC5 5 SEM
331	107217467032	PASHIKANTI NANDINI	BSC MSC5 5 SEM
332	107217467024	KONETI PRIYANKA	BSC MSC5 5 SEM
333	107217467035	PANGA POOJA	BSC MSC5 5 SEM
334	107217467016	G HARIKHA	BSC MSC5 5 SEM
335	107217467017	G RACHITHA	BSC MSC5 5 SEM
336	107217467075	MUKKU YUVARAJ	BSC MSC5 5 SEM
337	107217467057	KONDAM.SHASHIKANTH REDDY	BSC MSC5 5 SEM
338	107217467009	DHAMISHETTY BHANU KALYAN	BSC MSC5 5 SEM
339	107217467093	MISALE RAMESH	BSC MSC5 5 SEM
340	140618672041	GOGIKAR VAISHALI	MBA 3 SEM
341	140618672032	HAIMANTEE CHATTOPADHYAY	MBA 3 SEM
342	140618672022	SILUMULA JERUSHA CAROLIN	MBA 3 SEM
343	140618672029	K MEDHA SREE	MBA 3 SEM
344	140618672038	D SAI KRISHNA HARSHITH	MBA 3 SEM
345	140618672079	MANISH KUMAR NANDARAM	MBA 3 SEM
346	140618672065	MOHAMMAD AJMAL JUNAID	MBA 3 SEM
347	140618672113	S DHANANJAY KUMAR	MBA 3 SEM

348	140618672094	K AJAY KUMAR	MBA 3 SEM
349	140618672103	TARANNUM	MBA 3 SEM
350	140618672042	BEERAMGUDAM CHANDRIKA	MBA 3 SEM
351	140618672021	KONDEPUDI PRATHIBHA	MBA 3 SEM
352	140618672063	HUMERA	MBA 3 SEM
353	140618672099	E MOHAN KUMAR	MBA 3 SEM
354	140618672017	VISHAL NARAYAN	MBA 3 SEM
355	140618672120	KASTHALA SUMANTH	MBA 3 SEM
356	140618672070	NIDAMANURI TEJASRI	MBA 3 SEM
357	140618672093	POONOORI SUSEEL VIKRANTH	MBA 3 SEM
358	140618672090	KADIYALA RITHIKA	MBA 3 SEM
359	140618672064	SRI LAKSHMI SAROJA	MBA 3 SEM
360	140618672013	JUMBIDI ANUSHA	MBA 3 SEM
361	140618672040	JETIN RACHAMALLA	MBA 3 SEM
362	140618672051	A G H KOUSHIK	MBA 3 SEM
363	107218408033	SARIKA MADUPATHI	MCOM 3 SEM
364	107218408034	SASTRY VANDANA	MCOM 3 SEM
365	107218408010	CHILUKURI VENKATA RAMANA	MCOM 3 SEM
366	107218408022	KATHA PRAVEEN KUMAR	MCOM 3 SEM
367	107218408026	ORUGANTI SAMHITH	MCOM 3 SEM
368	107218408004	ARUN JACOB	MCOM 3 SEM
369	107218408002	AMISHA SINGH	MCOM 3 SEM
370	107218408014	DABILPURA GAYATHRI	MCOM 3 SEM
371	107218408039	SREYA RAMACHANDRAN	MCOM 3 SEM
372	107218408016	FARHA BEGUM	MCOM 3 SEM
373	107218408021	KADAMBARI DADHICH	MCOM 3 SEM
374	107218408028	PANDRAVADA SAI RAM	MCOM 3 SEM
375	107218408017	GADDI VARUN RAJ	MCOM 3 SEM
376	107218408005	B RAMAKRISHNA	MCOM 3 SEM
377	107218514014	LELLA GAYATRI	MSC BC 3 SEM
378	107218514002	SURYA LALITHA ADIRAJU	MSC BC 3 SEM
379	107218504041	SHAIK RESHMA	MSC CS 3 SEM
380	107218504043	KODAKANDLA HARIKA	MSC CS 3 SEM
381	107218504001	ALLE REBEKA	MSC CS 3 SEM
382	107218504027	PONAGOTI VIDYA	MSC CS 3 SEM
383	107217402054	SHAGA SANJEEV BABU	BCOM COMP 5 SEM
384	107217401141	SUDARSHU RANJAN	BCOM REG 5 SEM
385	107217407016	GOPI ADITYA ANAND KUMAR	BCOM HONS 5 SEM

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