MAHATMA GANDHI UNIVERSITY
KOTTAYAM

B. Voc DEGREE PROGRAMME IN SOUND ENGINEERING

SCHEME AND SYLLABUS
(2018 admission onwards)

We are facing unprecedented challenges – Skill and knowledge, the driving forces of economic growth and social development for any country. Presently, the country faces a demand – supply mismatch, as the economy needs more 'skilled' workforce than that is available. In the higher education sphere, knowledge and skills are required for diverse forms of employment in the sector of education, health care manufacturing and other services.

Potentially, the target group for skill development comprises all those in the labour force, including those entering the labour market for the first time, those employed in the organized sector and also those working in the unorganized sector. Government of India, taking note of the requirement for skill development among students launched National Vocational Education Qualification Framework (NVEQF) which was later on assimilated into National Skills Qualifications Framework (NSQF). Various Sector Skill Councils (SSCs) are developing Qualification Packs (QPs), National Occupational Standards (NOSs) and assessment mechanisms in their respective domains, in alignment with the needs of the industry.

The University Grants Commission (UGC) has launched a scheme on skills development based higher education as a part of college/university education, leading to Bachelor of Vocation (B.Voc.) Degree with multiple exits such as Diploma/Advanced Diploma under the NSQF (National skill Qualifications framework). The B.Voc. Programme is focused on universities and colleges providing undergraduate studies which would also incorporate specific job roles along with broad based general education. This would enable the graduates completing B.Voc. to make a meaningful participation in accelerating India's economy by gaining appropriate employment, becoming entrepreneurs and creating appropriate knowledge. The proposed vocational programme will be a judicious mix of skills, professional education related to concerned vocation and also appropriate content of general education.

The Mahatma Gandhi University gave a strong momentum to the initiatives of UGC-NSQF in the very beginning itself.This University provides opportunities to its affiliating colleges since Academic Year 2014-15 to start skill based vocational Graduate programmes strictly under the guidelines of UGC and NSQF.

1. TITLE

These regulations shall be called **"MAHATMA GANDHI UNIVERSITY REGULATIONS FOR B.VOC PROGRAMME 2019".**

2. SCOPE

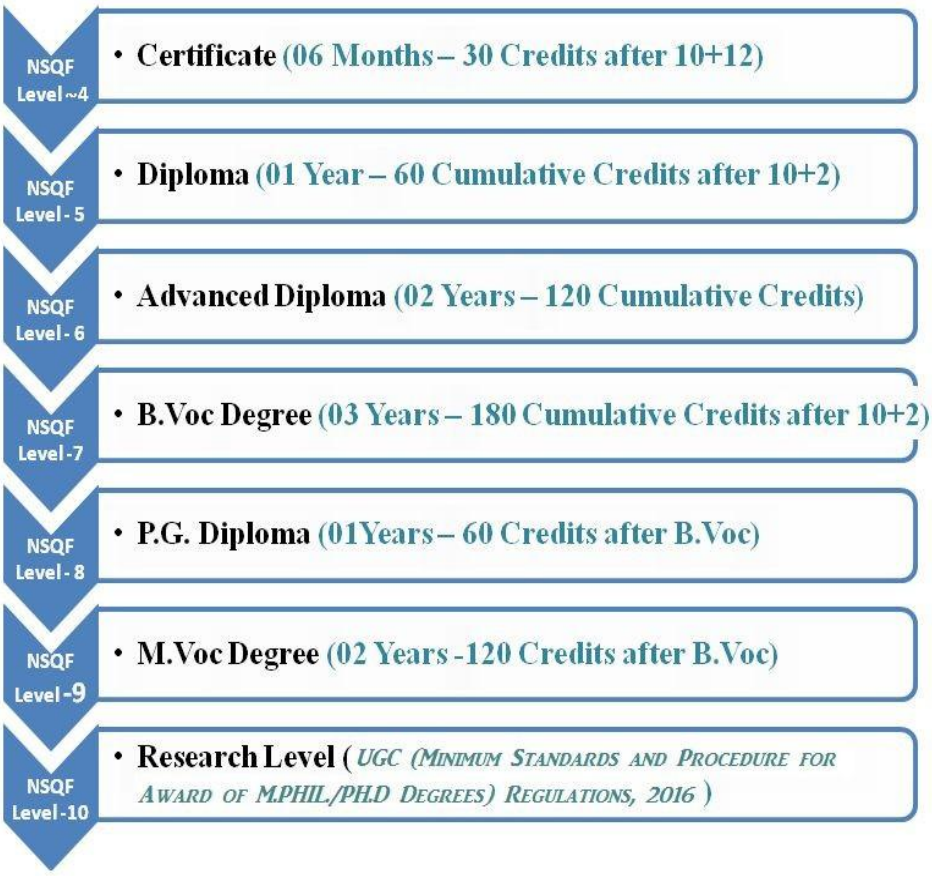
Applicable to all regular B.Voc Programme conducted by the University with effect from 2018 admissions onwards, except for B.Voc. Programmes, having scheme and syllabus already approved by MGU under 2014 regulation and scheme.
During the academic year 2019-20 admission onwards, all regular B.Voc Programme in affiliating colleges under MG University should strictly follow *Mahatma Gandhi University Regulations for B.Voc Programme 2018.*

3. ELIGIBILITY FOR ADMISSION AND RESERVATION OF SEATS

Eligibility for admissions and reservation of seats for various Undergraduate Programmes shall be according to the rules framed by the University and UGC in this regard, from time to time.

4. TYPE OF COURSES AND AWARDS

There will be full time credit-based modular programmes, wherein banking of credits for skill and general education components shall be permitted so as to enable multiple exit and entry.



The multiple entry and exit enables the learner to seek employment after any level of Award and join back as and when feasible to upgrade qualifications / skill competencies either to move higher in the job profile or in the higher educational system. This will also provide the learner an opportunity for vertical mobility to second year of B.Voc degree programme after one year diploma and to third year of B.Voc degree programme after a two year advanced diploma. The students may further move to Masters and Research Degree Programmes mapped at NSQF Level 8 – 10.

5. CURRICULA AND CREDIT SYSTEM FOR SKILL BASED COURSES

In order to make education more relevant and to create 'industry fit' skilled workforce, the institutions recognized under B.Voc Degree programme offering skill based courses will have to be in constant dialogue with the industry and respective Sector Skill Councils (SSC's) so that they remain updated on the requirements of the

workforce for the local economy. These institutions should also preserve and promote the cultural heritage of the region, be it art, craft, handicraft, music, architecture or any such thing, through appropriately designed curriculum leading to gainful employment including self-employment and entrepreneurship development.

The curriculum in each of the semester/years of the programme(s) will be a suitable mix of general education and skill development components. The General Education Component shall have 40% of the total credits and balance 60% credits shall be of Skill component.

The institution(s) shall prepare draft curriculum as per the UGC guidelines for Curricular Aspects Assessment Criteria and Credit System for Skill based Vocational Courses and place it for vetting by the UGC Advisory Committee constituted under these guide lines.

The Curriculum shall be finally approved by the Board of Studies (BoS) and Academic Council of the University / Autonomous College. The Universities where BoS for Vocational subjects has not yet been constituted, the curriculum may be considered by the BoS in allied subject area or an ad-hoc BoS may be constituted till the time regular BoS is notified in the university. The BoS should consider the programme wise curriculum based QP for skill component and relevant general education subjects i.e. the curricula for programmes in one broad subject area may vary from institution to institution in case the different progressive QPs are mapped with the programmes being offered. The choice of different progressive Job roles for a course may also be enabled under CBCS.

6. STRUCTURE OF THE PROGRAMME

6.1 Skill Development Components - 60% Weightage

6.2 General Education Component - 40% Weightage

The B.Voc Programme should comprise 60% Skill Development Components (60 % of total Credit) and 40% General Education Component (40% total Credit) as per guidelines of UGC and NSQL.

As an illustration, awards shall be given at each stage as per Table 1 below for cumulative credits awarded to the learners in skill based vocational courses.

NSQF Level	Skill Component Credits	General Education Credits	Total Credits for Award	Normal Duration	Exit Points/Awards
7	108	72	180	Six Semesters	B.Voc Degree
6	72	48	120	Four Semesters	Advanced Diploma
5	36	24	60	Two Semesters	Diploma
4	18	12	30	One Semester	Certificate

7. SCHEME AND SYLLABUS

7.1 B.Voc Programme should include (a) General Education Component, (b) Skill Education Component.

7.2 The B.Voc Programme should followed Credit and Semester System of MGU.

7.3 A separate minimum of 30% marks each for internal and external (for

both theory and AOC) and aggregate minimum of 40% are required for a pass for a course. For a pass in a programme, Grade P is required for all the individual courses. If a candidate secures F Grade for any one of the courses offered in a Semester/Programme, only F grade will be awarded for that Semester/Programme until he/she improves this to P Grade or above within the permitted period.

8. ASSESSMENT AND EVALUATION BY MG UNIVERSITY.

General Education Components and Skill Development Components shall be assessed and evaluated by MG University as per University Norms and UGC-NSQF guidelines.

9. ASSESSMENT & CERTIFICATION BY SECTOR SKILL COUNCIL (SSC)

The affiliated colleges should make necessary arrangements for the simultaneous assessments and certification of Skill Development Component by aligned SSC having the approval of National Skill Development Corporation of India (NSDC).

10. EXAMINATIONS

1. The evaluation of each paper shall contain two parts:

   a) Internal or In-Semester Assessment (ISA)

   b) External or End-Semester Assessment (ESA)

2. The internal to external assessment ratio shall be 1:4.

   All the courses (theory & AOC), grades are given on a **7-point scale** based on the total percentage of marks, **(ISA + ESA)** as given below:

Percentage of Marks	Grade	Grade Point
95 and above	O (Outstanding)	10
90 to below 95	A+ (Excellent)	9
80 to below 90	A (Very Good)	8
70 to below 80	B+ (Good)	7
60 to below 70	B (Above Average)	6
50 to below 60	C (Average)	5
40 to below 50	P (Pass)	4
Below 40	F (Fail)	0
	Ab (Absent)	0

11. CREDIT POINT AND CREDIT POINT AVERAGE

Credit Point (CP) of a paper is calculated using the formula:-

CP = C × GP, where C is the Credit and GP is the Grade point

Semester Grade Point Average (SGPA) of a Semester is calculated using the formula:

SGPA = TCP/TC, where TCP is the Total Credit Point of that semester.

Cumulative Grade Point Average (CGPA) is calculated using the formula:-

CGPA = TCP/TC, where TCP is the Total Credit Point of that programme.

Grade Point Average (GPA) of different category of courses viz. Common Course I, Common Course II, Complementary Course I, Complementary Course II, Vocational course, Core Course is calculated using the formula:-

GPA = TCP/TC, where TCP is the Total Credit Point of a category of course. TC is the total credit of that category of course

Grades for the different courses, semesters and overall programme are given based on the corresponding CPA as shown below:

GPA	Grade
9.5 and above	**O (**Outstanding)
9 to below 9.5	**A+** (Excellent)
8 to below 9	**A** (Very Good)
7 to below 8	**B+** (Good)
6 to below 7	**B** (Above Average)
5 to below 6	**C** (Average)
4 to below 5	**P** (Pass)
Below 4	**F** (Failure)

12. MARK DISTRIBUTION FOR EXTERNAL & INTERNAL VALUATIONS

The external theory examination of all semesters shall be conducted by the University at the end of each semester. Internal evaluation is to be done by continuous assessment. For all courses total marks of external examination is 80 and total marks of internal evaluation is 20. Marks distribution for external and internal assessments and the components for internal evaluation with their marks are shown below:

For all Theory Courses

Marks of external Examination : 80

Marks of Internal Evaluation : 20

Components of Internal Evaluation – Theory	**Marks**
Attendance	5
Assignment /Seminar/Viva	5
Test paper(s) (1 or 2) (1 × 10 = 10; 2 × 5 = 10)	10
Total	20

For all AOC Courses total marks for external evaluation is 80 and total marks for internal evaluation is 20.

For all AOC Courses

Marks of external Examination : 80

Marks of internal evaluation : 20

Components of Internal Evaluation - AOC	Marks
Attendance	5
Record	5
Skill Test	5
Lab Performance / Punctuality	5
Total	20

Marks awarded for Record should be related to number of experiments recorded and duly signed by the teacher concerned in charge.All three components of internal assessments are mandatory.

12.1 PROJECT EVALUATION

a) Marks of External Examination : 80

b) Marks of Internal evaluation : 20

Components of Internal Evaluation	Marks
Punctuality	5
Experimentation/Data Collection	5
Skill Acquired	5
Report	5
Total	20

Marks for dissertation may include study tour report if proposed in the syllabus.

Components of External Evaluation	Marks
Dissertation (External)	50
Viva -Voice (External)	30
Total	80

(Decimals are to be rounded to the next higher whole number)

12.2 INTERNSHIP

After the completion of every even semester, the student will undergo a minimum of two weeks Internship Programme in an Industry, having a good exposure in the concerned skill (Established at least two years prior), capable of delivering the skill sets to the students.At the end of the Internship, the students should prepare a comprehensive report.

12.3 ATTENDANCE EVALUATION FOR ALL PAPERS

Attendance Percentage	Marks
Less than 75%	1
75 % & less than 80%	2
80% & less than 85%	3
85% & less than 90%	4
90% & above	5

12.4 ASSIGNMENTS

Assignments are to be done from 1st to 4th Semesters. At least one assignment per course per semester should be submitted for evaluation.

12.5 INTERNAL ASSESSMENT TEST PAPERS

Two test papers are to be conducted in each semester for each course. The

evaluations of all components are to be published and are to be acknowledged by the candidates. All documents of internal assessments are to be kept in the college for one year and shall be made available for verification by the University. The responsibility of evaluating the internal assessment is vested on the teacher(s), who teach the course.

12.6 GRIEVANCE REDRESSAL MECHANISM

Internal assessment shall not be used as a tool for personal or other type of vengeance. A student has all rights to know, how the teacher arrived at the marks. In order to address the grievance of students, a three-level Grievance Redressal mechanism is envisaged. A student can approach the upper level only if grievance is not addressed at the lower level.

Level 1: Department Level

The Department cell chaired by the HOD, Department Coordinator, Faculty Advisor and Teacher in-charge as members.

Level 2: College level

A committee with the Principal as Chairman, College Coordinator, HOD of concerned Department and Department Coordinator as members.

Level 3: University Level

A Committee constituted by the Vice-Chancellor as Chairman, Pro-Vice-Chancellor, Convener - Syndicate Standing Committee on Students Discipline and Welfare, Chairman-Board of Examinations as members and the Controller of Examination as member-secretary.

The College Council shall nominate a Senior Teacher as coordinator of internal evaluations. This coordinator shall make arrangements for giving awareness of the internal evaluation components to students immediately after commencement of first semester.

The internal evaluation marks/grades in the prescribed format should reach the University before the 4th week of October and March in every academic year.

12.7 EXTERNAL EXAMINATION

The external examination of all semesters shall be conducted by the University at the end of each semester.

- Students having a minimum of ***75% average attendance*** for all the courses only can register for the examination. Condonation of shortage of attendance to a maximum of 10 days in a semester subject to a maximum of 2 times during the whole period of the programme may be granted by the University on valid grounds.

  This condonation shall not be counted for internal assessment. Benefit of attendance may be granted to students attending University/College union/Co-curricular activities by treating them as present for the days of absence, on production of participation/attendance certificates, within one week, from competent authorities and endorsed by the Head of the institution. This is limited to a maximum of 10 days per semester and this benefit shall be considered for internal assessment also. Those students who are not eligible even with condonation of shortage of attendance shall **repeat the semester** along with the next batch after obtaining readmission.

- Benefit of attendance may be granted to students attending University/College union/Co-curricular activities by treating them as present for the days of absence, on production of participation/attendance certificates, within one week, from competent authorities and endorsed by the Head of the institution. This is limited to a maximum of 10 days per semester and this benefit shall be considered for internal assessment also.

- Those students who are not eligible even with condonation of shortage of attendance shall repeat the course along with the next batch.

- There will be no supplementary exams. For reappearance/improvement, the students can appear along with the next batch.

- Student who registers his/her name for the external exam for a semester will be eligible for promotion to the next semester.

- A student who has completed the entire curriculum requirement, but could not register for the Semester examination can register notionally, for getting eligibility for promotion to the next semester.

- A candidate who has not secured minimum marks/credits in internal examinations can re-do the same registering along with the University examination for the same semester, subsequently.

13. PATTERN OF QUESTIONS

Questions shall be set to assess knowledge acquired, standard and application of knowledge, application of knowledge in new situations, critical evaluation of knowledge and the ability to synthesize knowledge. The question setter shall ensure that questions covering all skills are set. She/he shall also submit a detailed scheme of evaluation along with the question paper. A question paper shall be a judicious mix of short answer type, short essay type /problem solving type and long essay type questions.

13.1 Pattern of Questions for External Examination – Theory Paper

Question Type	Total No. Of Questions	No. of Questions to be Answered	Marks of each Question	Total Marks
Very short answer type	12	10	2	20
Short answer (Not to exceed 60 words)	9	6	5	30

Long essay	4	2	15	30
TOTAL	**25**	**18**		**80**

13.2 Pattern of Questions For External Examination – AOC

Question Type	Total No. Of Questions	No. of Questions to be Answered	Marks of each Question	Total Marks
Theory Assessment-Short Answer Type	8	5	4	20
Skill Assessment - Practical	1	1	60	60
TOTAL	**9**	**6**		**80**

13.3 Mark division for External AOC / LAB Examination

Record	Theory/Procedure/Design	Activity/Neatness	Result	Viva	Total
10	10	20	10	10	60

14. RANK CERTIFICATE

The University publishes rank list of top 10 candidates for each programme after the publication of 6thsemester results. Rank certificate shall be issued to candidates who secure positions from 1st to 3rd in the rank list. Candidates who secure positions from fourth to tenth in the rank list shall be issued position certificate indicating their position in the rank list.

Candidates shall be ranked in the order of merit based on the CGPA scored by them. Grace marks awarded to the students should not be counted fixing the rank/position. Rank certificate and position certificate shall be signed by the Controller of Examinations.

15. MARK CUM GRADE CARD

The University shall issue to the students grade/marks card (by online) on completion of each semester, which shall contain the following information:

- Name of the University
- Name of the College\
- Title & Model of the B.Voc Programme
- Semester concerned
- Name and Register Number of student
- Code, Title, Credits and Max. Marks (Int, Ext & Total)of each course opted in the semester
- Internal marks, External marks, total marks, Grade, Grade point (G), and Credit point in each course in the semester.
- Institutional average of the Internal Exam and University Average of the External Exam in each course.
- The total credits, total marks (Max & Awarded) and total credit points in the semester (corrected to two decimal places)
- Semester Credit Point Average (SCPA) and corresponding Grade
- Cumulative Credit Point Average (CCPA)

The final Grade/mark Card issued at the end of the final semester shall contain the details of all courses taken during the entire programme and shall include the final grade/marks scored by the candidate from 1st to 5th semester, and overall grade/marks for the total programme.

16. READMISSION

Readmission will be allowed as per the prevailing rules and regulations of the university. There shall be 3 level monitoring committees for the successful conduct of the scheme. They are:

1. Department Level Monitoring Committee (DLMC),comprising HOD and

two senior-most teachers as members.

2. College Level Monitoring Committee (CLMC),comprising Principal, Dept. Coordinator and A.O/Superintendent as members.

3. University Level Monitoring Committee (ULMC),headed by the Vice Chancellor and Pro–Vice – Chancellor, Convenors of Syndicate subcommittees on Examination, Academic Affairs and Staff and Registrar as members and the Controller of Examinations as member-secretary.

17. TRANSITORY PROVISION

Notwithstanding anything contained in these regulations, the Vice Chancellor shall, for a period of one year from the date of coming into force of these regulations shall be applied to any programme with such modifications as may be necessary.

Detailed Syllabus of
B.Voc Degree Programme in

SOUND ENGINEERING

INTRODUCTION

The University Grants Commission (UGC) has launched a scheme on skills development based higher education as part of college/university education, leading to Bachelor of Vocation (B.VOC.) Degree with multiple exits such as Diploma/Advanced Diploma under the NSQF (National skill Qualifications framework). The B.VOC Sound engineering is focused on universities and colleges providing undergraduate studies which would also incorporate specific job roles along with broad based general education. This would enable the graduates completing B.VOC. to make a meaningful participation in accelerating India's economy by gaining appropriate employment, becoming entrepreneurs and creating appropriate knowledge.

The proposed vocational programme in B.Voc sound engineering will be a judicious mix of audio recording, audio production, audio mixing and mastering with regard to music and film industry. It is designed with the objective of equipping the students to cope with the emerging trends and challenges in the field of film and music production.

ELIGIBILITY FOR ADMISSION, & RESERVATION OF SEATS

Admission to B.Voc Sound Engineering Degree Programme shall be open to the following candidates.

- The eligibility condition for admission to B.Voc Programme shall be 10+2 or equivalent, in any stream. Eligibility of admission, Norms for admission, reservation of seats for various B.Voc Programmes shall be according to the rules framed by the University from time to time.

CURRICULUM

The curriculum in each of the years of the programme would be a suitable mix of general education and skill development components.

PROGRAMME STRUCTURE

The B.Voc Sound engineering shall include:

- General Education Components
- Skill Components
- Project
- Internship
- Industrial Training
- Familiarisation Trips
- Soft Skills and Personality Development Programmes

CREDIT CALCULATION

The following formula is used for conversion of time into credit hours.

- One Credit would mean equivalent of 15 periods of 60 minutes each, for theory, workshops/labs and tutorials;
- For internship/field work, the credit weightage for equivalent hours shall be 50% of that for lectures/workshops

COURSE STRUCTURE

NSQF Level	Skill Component Credits	General Education Credits	Normal calendar duration	Exit Points / Awards
Year 3	**36**	**24**	Six Semesters	B.Voc.
Year 2	**36**	**24**	Four semesters	Advanced Diploma
Year 1	**36**	**24**	Two semesters	Diploma
TOTAL	**108**	**72**		

As per the UGC guidelines, there are multiple exit point for a candidate admitted in this course. If he/she is completing all the six semesters successfully, he/she will get B.Voc Degree in Sound engineering. If he is completing the first four semesters successfully, he/she will get an advanced diploma in Sound engineering. If he/she is completing the first two semesters he/she will get a diploma in Sound engineering. B.Voc Degree holder is expected to acquire the skills needed for a recordist, mixing and mastering engineer.

PROGRAMME STRUCTURE

SEMESTER 1							
Sl. No	Course Code	Title	General/ Skill	Hour per week	Credit	Marks	Evaluation
1	BOCG101	Listening and speaking skills in English	General	4	4	ESA-80 ISA-20	Theory
2	BSEG102	Fundamentals of Computer	General	3	4	ESA-80 ISA-20	Theory
3	BSEG103	Media history	General	3	4	ESA-80 ISA-20	Theory
4	BSES104	Science of sound	Skill	5	6	ESA-80 ISA-20	Theory
5	BSES105	Audio electronics (AOC)	Skill	5	6	ESA-80 ISA-20	AOC
6	BSES106	Tech rider(AOC)	Skill	5	6	ESA-80 ISA-20	AOC

SEMESTER 2							
Sl. No	Course Code	Title	General/ Skill	Hours per week	Credit	Marks	Evaluation
1	BOCG201	Writing and presentation skills in English	General	4	4	ESA-80 ISA-20	Theory
2	BSEG202	Music Theory(AOC)	General	4	4	ESA-80 ISA-20	AOC
3	BSEG203	MIDI and electronic music technology (AOC)	General	5	4	ESA-80 ISA-20	AOC
4	BSES204	Analog and Digital audio	Skill	6	6	ESA-80 ISA-20	Theory
5	BSES205	Music production (AOC)	Skill	6	6	ESA-80 ISA-20	AOC
6	BSES206	Internship I	Skill		6	ESA-80 ISA-20	Project

SEMESTER 3							
Sl. No	Course Code	Title	General/ Skill	Hours per week	Credit	Marks	Evaluation
1	BOCG301	Principles Of Management	General	4	4	ESA-80 ISA-20	Theory
2	BSEG302	Public speaking (AOC)	General	3	4	ESA-80 ISA-20	AOC
3	BSEG303	Introduction to electronic media (AOC)	General	3	4	ESA-80 ISA-20	AOC
4	BSES304	Introduction to radio (AOC)	Skill	5	6	ESA-80 ISA-20	AOC
5	BSES305	Writing for radio jingle (AOC)	Skill	5	6	ESA-80 ISA-20	AOC
6	BSES306	Radio program production (AOC)	Skill	5	6	ESA-80 ISA-20	AOC

SEMESTER 4							
Sl. No	Course Code	Title	General/ Skill	Hours per week	Credit	Marks	Evaluation
1	BOCG401	Soft Skills & Personality Development	General	4	4	ESA-80 ISA-20	Theory
2	BSEG402	Media Management	General	4	4	ESA-80 ISA-20	Theory
3	BSEG403	Microphone design and application (AOC)	General	5	4	ESA-80 ISA-20	AOC
4	BSES404	Film Appreciation (AOC)	Skill	6	6	ESA-80 ISA-20	AOC
5	BSES405	Studio Acoustics and design (AOC)	Skill	6	6	ESA-80 ISA-20	AOC
6	BSES406	Internship II	Skill		6	ESA-80 ISA-20	Project

SEMESTER 5							
Sl. No	Course Code	Title	General/ Skill	Hours per week	Credit	Marks	Evaluation
1	BOCG501	Environmental studies	General	4	4	ESA-80 SA-20	Theory
2	BSEG502	Screen writing and storyboard(AOC)	General	3	4	ESA-80 SA-20	AOC
3	BSEG503	Music entrepreneurship (AOC)	General	3	4	ESA-80 SA-20	AOC
4	BSES504	Art and technology of mixing (AOC)	Skill	5	6	ESA-80 SA-20	AOC
5	BSES505	Film sound- Dubbing and sync sound (AOC)	Skill	5	6	ESA-80 SA-20	AOC
6	BSES506	Documentary production (AOC)	Skill	5	6	ESA-80 SA-20	AOC

SEMESTER 6							
Sl. No	Course Code	Title	General/ Skill	Hours per week	Credit	Marks	Evaluation
1	BOCG601	Entrepreneurship Development	General	4	4	ESA-80 SA-20	Theory
2	BSEG602	Media ethics and education	General	4	4	ESA-80 SA-20	Theory
3	BSEG603	Signal processing (AOC)	General	5	4	ESA-80 SA-20	AOC
4	BSES604	Film scores (AOC)	Skill	6	6	ESA-80 SA-20	AOC
5	BSES605	Audio production for film (AOC)	Skill	6	6	ESA-80 SA-20	AOC
6	BSES606	Internship III	Skill		6	ESA-80 SA-20	Project

ESA : End semester assessment
ISA : Internal semester assessment
AOC : Activity oriented course
General : General course for all B.Voc course
CSG : Course specific general dominie courses
Skill : Skill dominie Courses
Pr : Project
V : Viva Voice

DETAILED SYLLABUS

SEMESTER 1

BOCG 101 - LISTENING AND SPEAKING SKILLS IN ENGLISH

OBJECTIVES:
To introduce the students to the speech sounds of English in order to enable them to listen to English and speak with global intelligibility. To enable the students to speak English confidently and effectively in a wide variety of situations. To help the students to improve their reading efficiency by refining their reading strategies.

MODULE - I
Speech Sounds: Phonemic symbols - Vowels - Consonants - Syllables - Word stress - Stress in polysyllabic words - Stress in words used as different parts of speech - Sentence stress -Weak forms and strong forms - Intonation

Sample activities:

1. *Practice reading aloud. Use a variety of texts including short stories, advertisement matter, brochures, etc*
2. *Read out a passage and ask the students to identify the stressed and unstressed syllables.*

MODULE - II
Basic Grammar: Articles - Nouns and prepositions - Subject-verb agreement - Phrasal verbs - Modals - Tenses - Conditionals - Prefixes and suffixes - Prepositions -Adverbs - Relative pronouns - Passives - Conjunctions - Embedded questions - Punctuation -Abbreviations- concord- collocations-phrasal verbs- idiomatic phrases

Sample activities:

1. *Ask students to write a story/report/brochure, paying attention to the grammar.*

MODULE - III
Listening: Active listening – Barriers to listening – Listening and note taking – Listening to announcements – Listening to news on the radio and television.

Sample activities:

1. *Information gap activities (e.g. listen to a song and fill in the blanks in the lyrics given on a sheet)*
2. *Listen to BBC news/ a play (without visuals) and ask the students to report what they heard.*

MODULE - IV

Speaking: Fluency and pace of delivery – Art of small talk – Participating in conversations – Making a short formal speech – Describing people, place, events and things – Group discussion skills, interview skills and telephone skills

Sample activities:

1. *Conduct group discussion on issues on contemporary relevance.*
2. *Ask students to go around the campus and talk to people in the canteen, labs, other departments etc. and make new acquaintances.*
3. *Conduct mock interviews in class.*
4. *Record real telephone conversations between students and ask them to listen to the recordings and make the corrections, if any are required.*

MODULE - V

Reading: Theory and Practice – Scanning – Surveying a textbook using an index – reading with a purpose – Making predictions – Understanding text structure – Locating main points – Making inferences – Reading graphics – Reading critically – Reading for research.

Books for Reference:

1. *V.Sasikumar, P KiranmaiDutt and GeethaRajeevan, .Communication Skills in English.Cambridge University Press and Mahatma Gandhi University.*
2. *Marilyn Anderson, Pramod K Nayar and Madhucchandra Sen. Critical Thinking, Academic Writing and Presentation Skills. Pearson Education and Mahatma Gandhi University.*

For Further Activities

1. *A Course in Listening and Speaking I & II, Sasikumar, V.,KiranmaiDutt and Geetha Rajeevan, New Delhi: CUP, 2007*
2. *Study Listening: A Course in Listening to Lectures and Note-taking Tony Lynch New Delhi: CUP,2007.*
3. *Study Speaking: A Course in Spoken English for Academic Purposes. Anderson, Kenneth, Joan New Delhi: OUP, 2008*

BSEG102: FUNDAMENTALS OF COMPUTER

OBJECTIVES: To know about the computer network, operating system and create their own websites.

MODULE - I

Introduction to computers: Computer - Definition - Characteristics of Computers - Basic Applications of Computer - Generations of computers - Concepts of Hardware and Software - Data processing - Concepts of data processing - Definition of Information and Data - Basic data types - Storage of data/Information as files, Representation of data/Information.

MODULE - II

Functional Units of Computer Components of Computer System: Central Processing Unit (CPU) - input/output Devices - Computer - Memory - Primary and secondary memory - Magnetic and optical storage devices - Hard Disk - Components.

MODULE - III

Computer Networks: Introduction - Uses - Types of network - Network Topologies - FTP - Transmission Media - Magnetic media, Twisted pair media, Base band and Broad band - Fiber optic Cable. Internet - History - Basic requirements - Hardware - Software - Web browser - Internet explorer - Netscape Navigator - Feature - Email - Outlook Express - www.

MODULE - IV

HTML: Overview, Heading - Tags - HTML - Attributes, HTML - Formatting, HTML - Meta-Tags - HTML - Comments - HTML - Images - HTML Tables - HTML - Lists - HTML Links -HTML Forms - Creating WEB pages.

MODULE - V

Operating Systems: MS Windows 2000 - Introduction to window - Start menu Folder - Documents - Desktop - Toolbar. Mac OS - Introduction, Basic Functions, Operations.

REFERENCE

Antony Thomas. Information Technology for Office. Pratibha Publications, Gini Courter & Annette Marquis. Ms-Office 2007: BPB Publication

BSEG103: MEDIA HISTORY

OBJECTIVES: Familiarising the historical background of TV, radio and other medias.

MODULE - I

Introduction to Broadcast Journalism: Radio as a Mass Medium - Origin, Development and Future of Radio - Advantages and disadvantages of Radio Broadcast - Radio in India: All India Radio services, the regional services and the local services. Radio commercials, FM Broadcasting: Digital Audio Broadcasting

MODULE - II

Definitions of Advertising: History of advertising - Advertising in the US - growth of advertising in India. What is PR - Definitions of PR, History of PR. PR in olden times and growth of PR. PR in India.

MODULE - III

Introduction to Visual Media: History of TV, TV in India - TV for information, TV for entertainment - Prasar Bharati Act - The Broadcasting Bill - Ethics of telecasting.

MODULE - IV

History of cinema, Understanding Cinema Early Film History: Silent era to the birth of the Talkies, The pioneers Lumiere Brothers, Realism and Soviet films - Evalution of film language - Milestones in Indian Cinema, Dadasaheb Phalke, Sathyajith Ray - Films of the new wave - The middile cinema the second wave - Grammar of films: Shot, Scene, Sequence. Types of films: feature films, animated films, documentary films, children's films, educational films, parallel cinema. NFDC - Film censorship

MODULE - V

Cyber Journalism: Introduction to Cyber Journalism - Fundamentals of Cyber Media, Advantages & Disadvantages of Cyber Journalism. Blogging.

REFERENCE

Media Studies: Media history, media and society: Pieter J Fourie

BSES104: SCIENCE OF SOUND

OBJECTIVES: To understand the nature and characteristic of sound wave, human hearing mechanism and various acoustics methods and treatments.

MODULE - I

What is Sound? Nature and characteristics of a Sound Wave, Amplitude, Frequency, Velocity, Wave length, Phase, Harmonic content - Intervals, Octaves, Partials, and Harmonics. Overtone and Timbre. Wave motion, Transverse and longitudinal waves. How sound travels in air - Sound Transmission and Medium Density.

MODULE - II

Basic Acoustics - Sound pressure and sound power ,inverse square law, decibel. reflection, refraction, diffraction, diffusion, absorption, standing waves, Room modes - Axial, Tangential, Oblique modes. Echo reverberation, Reverberation time, Resonance effect. Free and Reverberant Field.

MODULE - III

Anatomy of Hearing and Auditory perception: The ear - Threshold of hearing - Dynamic Range. Loudness, Pitch, Critical Bands, Equal Loudness Curve, Fletcher - Munson Curve, Doppler Effect

MODULE - IV

Psycho Acoustics: Spectral Analysis - Perception of frequency and loudness, beats, combination tones, Masking, , Perception of space, Sound localization -Perception of Direction - Hass Effect, Direct sound, Early reflections, Comb Filter effect

MODULE - V

Basics of Acoustic Treatment: Reverberation time - Measurement of reverberation time, Necessity of Reverberation, Typical Reverberation periods of a speech studio, music studio, Drama studios, Television studios, control and monitoring rooms, listening rooms, concert halls and theaters, multipurpose spaces. Absorption coefficients of Materials. Sabine Equation, Growth and Decay of sound in an Enclosure. Acoustical features and design of Auditoriums.

REFERENCE

Sound Check : The Basics of Sound and Sound Systems : Tony Moscal
Acoustics and psycho-acoustics : Howard Davis M, James Angus

BSES105: AUDIO ELECTRONICS (AOC)

OBJECTIVES: This course is designed for practical understanding basic technology used in production and reproduction of sound.

MODULE I

Basic concept of electronics - Concept of voltage, current, resistance and ohms law, Sources DC and AC supply, Electronic components - passive and active electronic components - resistors - colour coding - resistors, capacitors - Audio transformers. Electronic components - PN junction diode - DC power supply using system using diodes - Transistor basic concept and biasing methods - Special diodes - LED, Zener diode, Concept of Op-amp - Characteristic of op-amp and application circuits

MODULE II

Transmission techniques - Cable and its characteristics impedance - frequency response - twisted pair cable - snake cable, shielded cable - stereo cable co-axial cables and RG standards, concept of OFC and its applications. XLR male cable XLR Female cable, XLR Board connector, TRS male cable, RCA male, RCA female, RCA board. Cables - co-axial Cable, DIN cable, USB cable. Electronic instruments in audio circuit, amplifier design, Pre amplifiers, power amplifiers and mixers, attenuators, Filters and equalizers, delay, console and computers, VU meters, LED VU meters and devices, Public address system

MODULE III

Microphones - What is microphone? Microphone design - Dynamic, ribbon, condenser etc. Characteristics and applications of various microphones - Directional response, frequency response, Impedance, output characteristics, Stereo Making Techniques, Polar pattern

MODULE IV

Loud speaker - Characteristics of loudspeakers. Moving coil loud speaker. Speaker, Electrodynamic loud speaker. Horn type and Cone Type Loudspeaker, Baffles and Enclosures, Multi-way speaker system, Headsets - In ear and On ear types, Crossover network, Impedance matching requirements -Impedance, Sensitivity, Distortion, Frequency response, Power handling, Directivity.

MODULE V

Recording of sound - Analog recording-early recording machines - Magnetic tape - magnetic tape recording process - Digital tape recording - Mass storage base system - magnetic hard disk, optical disk, memory card etc.

REFERENCE The Microphone Book : John Eargle, The recording engineers hand book : Bobby Owsinski, Audio electronics Reference Book : Sinclair, Ian R Sound Recording : Tombs David

BSES106: TECH RIDER (AOC)

OBJECTIVES: Understanding how to prepare a tech rider, templates for a tech rider, how to be specific while creating a tech rider, knowing the importance of a tech rider and how it can help one during a band's concert or event.

MODULE I

What is tech rider? Advantages of a tech rider. How to prepare a template for tech rider. Understanding the needs of band.

MODULE II

What is to be supplied - Getting a summary of instruments and things a band is carrying, and providing gears and whatever required based on their requirements such as mic stands, a drum throne, hardware, cymbals, a rug, amps, DI's, Microphone types etc.

MODULE III

Front line description - stating the clear expected outcome from the PA, monitor and console. Writing the required delay, reverb, gate and compression expected from a console.

MODULE IV

Stage plot - representing graphically the position of each band members and their requirements at that particular position.

MODULE V

Links to music - making a soundman familiar with the genre and type of music of a particular band.

REFERENCE

The recording engineers hand book : Bobby Owsinski
Audio electronics reference book : Sinclair
Modern recording techniques: David Miles Huber.

SEMESTER 2

BOCG201: WRITING AND PRESENTATION SKILLS IN ENGLISH

Objectives: To make the students aware of the fundamental concepts of critical reasoning and to enable them to read and respond critically, drawing conclusions, generalizing, differentiating fact from opinion and creating their own arguments. To assist the students in developing appropriate and impressive writing styles for various contexts. To help students rectify structural imperfections and to edit what they have written. To equip students for making academic presentations effectively and impressively.

MODULE - I

Letter Writing: Letters - letters to the editor - resume and covering letters - parts and layout of business letters - business enquiry letters offers, quotation - orders and execution - grievances and redressal - sales letters - follow-up letters - status enquiry - collection letters - preparation of power of attorney for partnership - job application letters - resume - CV - reference and recommendation letters - employment letters.

MODULE - II

Other types of Academic and Business Communication (written): Seminar papers - project reports - notices - filling application forms - minutes, agenda - reports - essays.

MODULE - III

Presentation Skills: Soft skills for academic presentations - effective communication skills – structuring the presentation - choosing appropriate medium – flip charts – OHP – Power Point presentation – clarity and brevity - interaction and persuasion.
Compulsory activity: PowerPoint presentations to be conducted by each student in class

MODULE - IV

Non-verbal communication: Body language - Kinesics, Proxemics - Para language Channels - Barriers - Principles of effective communication.

MODULE V

Online writing and Netiquette: Writing e-mails- use of language – writing for blogs – social media etiquette- professional networking online (LinkedIn, E-factor etc.)
Compulsory activity: Each student should create a blog and/or profile in LinkedIn.

Books for Reference:

1. Marilyn Anderson, Pramod K Nayar and Madhucchandra Sen. Critical Thinking, Academic Writing and Presentation Skills. Pearson Education and Mahatma Gandhi University.
2. Antony Thomas,Business Communication and MIS, Pratibha Publications, Bhatia R.C.Business Communication
3. SaliniAgarwal Essential communication skill. Reddy P.N, and Apopannia, Essentials of Business communication.
4. Sharma R.C,KRISHNA Mohan, Business Communication and Report writing Leod,M.C.,Management Information system

BSEG202: MUSIC THEORY (AOC)

OBJECTIVES: To understand the fundamental concepts of music. Understanding rhythms, major scales, minor scales, intervals and melody writing

MODULE - I
Rhythms - Pulse, Meter, Notes, Rhythmic Notation activities.

MODULE - II
Half Steps and Whole Steps, Major Scales, Chromatic Scales, Whole Tone Scales, Other Major Scales, Key Signatures.

MODULE - III
Minor Scales, The Minor Scale Sound, The Relative Major/Minor Relationship, Parallel Minor, Harmonic Minor, Melodic Minor, The Descending Melodic Minor Scale,The Real Melodic Minor Scale, Minor Scale Key Signatures.

MODULE - IV
Intervals, Interval Number Names, Interval Sound, Unison, Perfect and Major Intervals, Major vs. Minor Intervals, Perfect/Major vs. Diminished, Perfect/Major vs. Augmented, Compound Intervals.

MODULE - V
Melody Writing, Making Melodic Connections, Repeating Phrases, Sequences.

REFERENCE
Modern recording techniques: David Miles Huber

BSEG203: MIDI AND ELECTRONIC TECHNOLOGY (AOC)

OBJECTIVES: To understand what MIDI is and how they are used in various music productions. Their advantages, and various ways through which they can be used to get a creative output in a Music production.

MODULE I

The power of MIDI - MIDI production environments- What is MIDI - MIDI and the computer - connecting to the peripheral world, MIDI interface.

MODULE II

System interconnections - The MIDI cable - MIDI phantom power, Wireless MIDI - MIDI jacks - MIDI echo, Typical configurations - The daisy chain, the multiport network.

MODULE III

Exploring the spec - The MIDI message, MIDI channels, MIDI modes, Channel voice message, system messages.

MODULE IV

Electronic instruments - Instruments and system plugin in- keyboards - the synth, samplers - sample libraries and DIY sampling, The MIDI keyboard controller.

MODULE V

Basic introduction to sequencing Recording - setting a session tempo, changing tempo, click track - MIDI to audio - Audio to MIDI - documentation - editing.

REFERENCE

The MIDI Manual: David Miles Huber
Mad Skills: MIDI and Music Technology: Ryan Diduck

BSES204: ANALOG AND DIGITAL

OBJECTIVES: This course is designed for practical understanding of Digital electronics, Analogue tape recorder and their functions.

MODULE I

Sound Recording and Reproduction – Phonographic, Flat Disk, Magnetic, Digital; Advantages and Disadvantages; Audio Recorders, Studio Recording.

MODULE II

Magnetic recording and its media- The professional ATR, the magnetic tape head, the tape transport, equalisation, monitoring modes, Tape, Tape speed and Head configurations- print through, analogue tape noise, cleanliness, degaussing, C.L.A.S.P - functions and routing, tape emulation plugins.

MODULE III

Digital Electronics- The binary number system, Basic logic Gates and applications, Digital audio- The theory, Sampling, Nyquist theorem, Aliasing, Bit depth, Quantisation, Quantization Error, Dither, Sample rate Conversion - Analog to digital, Digital to Analog, PCM

MODULE IV

Introduction to various audio file formats, Advantages and disadvantages, features etc.- Compressed and Uncompressed audio, Lossy and lossless compression, AIFF and AIFF C format, BWF format, RIFF-WAVE format, FLAC, MP3. Multitrack Digital Audio Recorders - DASH, R-DAT, ADAT.

MODULE V

Introduction to Digital consoles, Routing, Digital Audio Interfaces, Digital Audio Interconnection - SPDIF, AES/EBU, ADAT, TDIF, MADI, Network Audio, Synchronization – Word Clock, Jitter, Digital Time-code, Interconnecting Digital Audio Recording Systems, Digital Audio Level Meters.

REFERENCE:

Modern Recording Techniques: David Miles Huber,
Digital Electronis by Thomas Floyd,
An Introduction to Digital Audio : John Watkinson

BSES205: MUSIC PRODUCTION (AOC)

OBJECTIVES: Getting an idea of how to make a music, introduction to music making, understanding various tools for music production and MIDI sequences.

MODULE I

Creating Musical Ideas - Listening and Analysis - Recording, Editing, Mixing, Mastering, Music Production Tools- Synthesizers, MIDI Sequencers.

MODULE II

Introduction to Electronic Music Synthesizers - What's a Synthesizer? Properties of Sound- Pitch, Timbre, Loudness, Virtual Instruments, Digital Samplers.

MODULE III

Introduction to MIDI Sequencing: Patterns and Recording in Reason - MIDI Messages, Patterns in Music, Creating Patterns, Building an Arrangement from Patterns, Playing Against a Drum Track

MDULE IV

Editing MIDI Sequences - Editing MIDI Sequences, Exploring Tempo, Key, Song Length, Velocity, Dynamics, Gate Time, Delay, Event-Level Editing, Fixing Mistakes, Correcting Timing, Correcting Durations, Correcting Dynamics, Editing Pitch, Cut/Copy/Paste Operations.

MODULE V

Effects Processing, DSP, and Mixing - Insert Effects, Aux Send and Return Effects, Overview of Effects Types, Spectrum Processing: Filters, EQing the Piano Tracks, Adding EQ and Reverb.

REFERENCE

The Art of Music Production: Richard James Burgess

BSES206 INTERNSHIP

Internship for students at a studio where music productions are handled, so as to gain a well off knowledge about music and its production side.

SEMESTER 3

BOCG301: PRINCIPLES OF MANAGEMENT

OBJECTIVE: This course is a basic introductory and foundational management course. It is designed for students who desire to equip themselves with key knowledge, skills, and competencies in various aspects of management. The course encompasses the core components of management including planning, organizing, leading and controlling the organizations.

MODULE – I

Nature and Process of Management: Schools of Management Thought – Management Process School, Human Behavioural School, Decision Theory School, Systems Management School, Contingency School – Managerial Role – Basics of Global Management.

MODULE – II

Planning: Objectives – Types of plans - single use plan and repeated plan – MBO, MBE – strategic planning and formulation. Decision making - types and process of decision making – forecasting.

MODULE – III

Organising: Types of organisation - formal and informal, line and staff, functional – organisation structure and design – span of control, delegation and decentralisation of authority and responsibility – organisational culture and group dynamics.

MODULE – IV

Staffing: Recruitment, Selection, Induction, Training, Maintenance and retrenchment Systems approach to HRM – Performance appraisal and career strategy – HRD - meaning and concept.

MODULE – V

Directing: Motivation - meaning - need for motivation. Theories of motivation - Herzberg and McGregor. Leadership - importance – styles of leadership, Managerial Grid by Blake and Mounton, Leadership as a Continuum by Tannenbaum and Schmidt, Path Goal Approach by Robert House (in brief) Controlling - Concept, Significance, Methods of establishing control.

BOOKS FOR REFERENCE:

1. Moshal.B.S .Principles of Management, Ane Books India,NewDelhi.

2. Bhatia R.C. Business Organization and Management, Ane Books Pvt. Ltd.,NewDelhi

3. Richard Pettinger. Introduction to Management , Palgrave Macmillan, NewYork.

4. Koontz and O'Donnel. Principles of Management ,Tata McGraw-Hill Publishing

Co.Ltd. NewDelhi.

5. Terry G.R. Principles of Management, D.B.Taraporevala Sons &Co.Pvt.Ltd.,Mumbai.

6. Govindarajan.M and Natarajan S. Principles of Management, PHI, NewDelhi.

7. MeenakshiGupta .Principles of Management, PHI, NewDelhi.

BSEG302: PUBLIC SPEAKING (AOC)

OBJECTIVES: developing public speaking skills, understanding various ways to improve public speaking.

MODULE I

Introduction to public speaking- The benefits of public speaking, communication processes, ethical speaking and categories of speeches, Analyzing your audience- Adapting to audiences, evaluation techniques and listener needs.

MODULE II

Listening and Feedback- Improving listening and note-taking skills, the four stages of listening and the different types of listening, General and specific purpose speeches, developing a thesis and timed speeches.

MODULE III

Researching the Speech- Research strategies and types, source reliability and supporting materials, Organizational patterns for informative and persuasive speeches, main ideas and supporting ideas.

MODULE IV

Language and Style- Inclusive and vivid language, diction and speaking styles, Four categories of speech delivery, nonverbal communication, pronunciation and speech rehearsal.

MODULE V

Types of Speeches- Informative, persuasive and special occasion speeches, Informative, persuasive and special occasion speeches

REFERENCE:

Public Speaking Handbook: Steeven. A Beebe,
The Art of Public Speaking: Dale Carnegie

BSEG303 - INTRODUCTION TO ELECTRONIC MEDIA (AOC)

OBJECTIVES: Basic introduction of electronic media, how they can be used in present generation. Getting an understanding about radio broadcasting, television industry and forms of broadcasting language.

MODULE I

Defining Electronic Media: Characteristics of Electronic Media, Types of Electronic Media, Scope and Limitations of Electronic Media.

MODULE II

Radio Broadcasting - Origin and Growth, All India Radio, FM Radio stations bands, Radio Jockeys Programs, Formats: News talks, Interviews, Documentaries and advertisements.

Radio program productions - Studio, Recording, Editing, and Radio station Structure and staff.

MODULE III

An overview of Television Industry, TV as a domestic Medium, Popularity, Entertainment-Education format.

MODULE IV

Broadcast Language - Clarity, Brevity,& Simplicity, Gate keeping & Credibility, The local identity, Rewriting, Basic Style rules, Voice of the station, Attributions, Headlines, Writing to visuals

MODULE V

Formats of TV News packaging, Programs - structure and format in the new era, live talk, Sitcoms and Soap Operas, Station structure and staff.

REFERENCE

Electronic Media: An Introduction: Lynne Gross,
Electronic Media: Then, Now, and Later: Barbara K. Kaye and Norman J. Medoff

BSES305 - WRITING FOR RADIO JINGLE (AOC)

OBJECTIVE: Understanding the importance of radio jingles, and how to make them catchy for a radio production. How to use right words and right melodies for the jingle.

MODULE I Introduction to radio jingle- how to write an effective radio jingle, creating catchy lines, building a customer base.

MODULE II Understanding the product- know what to sell, brand evolution, peculiarities of the brand, its uniqueness, and how it stands out. Building something unique around the product or service.

MODULE III Use the right word- enlist adjectives that best define the product, identify unique selling proportion, ending a jingle in positive note.

MODULE IV Keep it simple- how to get a jingle that's simple but catchy, choosing easy words so as it can be understandable to the audience, balancing between too creative and too simple.

MODULE V Keeping it catchy- repetition of words, using rhymes, making a jingle that will be easy to recite, at the same time impossible to get out of the head.

REFERENCE Broadcasting in the 21st Century: Richard Rudli

BSES304 - INTRODUCTION TO RADIO (AOC)

OBJECTIVES: Basic introduction to radio, understanding the strength and weakness of radio, understanding a radio station, process of setting up and operating and FM radio station in India.

MODULE I
Introduction , Strengths , Weakness & future of Radio, AM vs. FM, Type of signal Transmission, Clarity of sound, Cost, Making of a Radio Station, FM Radio, Process of Setting Up and Operating an FM Radio Station in India

MODULE II
Voice Modulations, How to voice radio script, Paint the Picture, Human voice as an instrument, Think Audience, Voice quality, Radio scripting as an art, writing for the ear

MODULE III
Radio Journalism, Idea behind News, Preproduction & Scriptwriting , The Production Processes & voicng the story, News reading for Radion, Key Elements of Radio Writing

MODULE IV
Radio Drama /Plays, Approaches to writing radio drama, Features, Radio Commercials/Jingles - Documentaries Feature

MODULE V
Radio Interviews, Before you begin Radio Interview, radio Discussions, Dialogue Writing.

REFERENCE
Broadcasting in the 21st Century: Richard Rudlin

BSES306 - RADIO PROGRAM PRODUCTION (AOC)

OBJECTIVE: This course is dedicated entirely to the designing of various audio programmes formats and its applications.

MODULE I

Programme formats - Basic elements of an audio programme- word, music, effects, silence etc. selection of format- requirements of theme, target audience, nature and objectives of the programme, available resources, time etc.

MODULE II

Spoken word programmes - Talks and discussions, interviews. Drama, Feature and documentaries, Magazines, Commentaries, Talk shows, quiz. Advertisements, reports, poetry recitation, Interactive programmes, News based programmes- News Bulletins, News magazines, newsreels. Music programmes- Vocal, instruments. Musical concerts- Classical and light, musical operas, musical magazines etc.

MODULE III

Presentation techniques- objective technique, subjective techniques - personalised presentation, aggressive presentation. Categories of presenters news reader, announcer, compere etc. Requirements for a presenter modulated voice, proper pronunciation, proper delivery, alertness, microphone manners, general knowledge, love for broadcasting etc. Type of listeners - Active listener, passive listener.

MODULE IV

Script writing for various presentation formats, Preparing scripts- simple spoken language, effective use of emotions and feelings, speed and rhythm etc. Marking symbols in the script - pauses, modulation, highlighting, breaking long sentences, connecting sentences etc

MODULE V

Workshop on Drama production.

REFERENCE

RADIO PRODUCTION HANDBOOK - A Beginner's Guide To Broadcasting and Cablecasting: Artthur C. Matthews

SEMESTER 4

BOCG401 - SOFT SKILLS AND PERSONALITY DEVELOPMENT

Objective: The course aims to cause a basic awareness about the significance of soft skills in professional and inter-personal communications and facilitate an all-round development of personality.

MODULE – I

Personal Skills: Knowing oneself- confidence building- defining strengths- thinking creatively- personal values-time and stress management.

MODULE – II

Social Skills: Appropriate and contextual use of language- non-verbal communication-interpersonal skills- problem solving.

MODULE – III

Personality Development: Personal grooming and business etiquettes, corporate etiquette, social etiquette and telephone etiquette, role play and body language.

MODULE – IV

Presentation skills: Group discussion- mock Group Discussion using video recording - public speaking.

MODULE – V

Professional skills: Organizational skills- team work- business and technical correspondence-job oriented skills-professional etiquettes.

Books for Reference:

1. Matila Treece: *Successful communication*: Allyun and Bacon Pubharkat.
2. Jon Lisa, *Interatid skills in Tourist Travel Industry,* Longman Group Ltd.
3. Robert T. Reilly, *Effective communication in tourist travel Industry* Dilnas Publication.
4. Boves. *Thill Business Communication Today* Mcycans Hills Publication.
5. Dark Studying International Communication Sage Publication.
6. Murphy Hidderandt Thomas *Effective Business Communication* Mc Graw Hill.

BSEG402 - MEDIA MANAGEMENT

OBJECTIVE: The course provides a basic know-how in modern management concepts and it further moves on to the managerial aspects of mass media. Those who are seeking a career in the management structure of mass media may get a good opportunity to expose themselves to this emerging field.

MODULE I

Management: Concept and scope; Principles of management; Theories of management; Human resource of management; Finance management; New trends in management.

MODULE II

Media Management: Concept, Need and scope; Principles of Media management; Media as an industry and profession; New trends and legal issues in media management.

MODULE III

Media Organization: Organizational Structure; Function of various departments; Personnel Management; Financial Management; Audience Research; Media legislation, regulation and governance.

MODULE IV

Print & Electronic media management: News management; Editorial Management; Programme planning and Production; Resource planning and resource structure; Branding & Marketing; Public relations & Advertisement.

MODULE V

Research Methodology: Definition and Objectives, Research Process, Tools and methods of Data Collection, Types of research in Print, Electronic and New Media, Writing Thesis and Dissertation.

REFERENCE:

Laws of Press in India : Durgadas Basu,
Managing in the Media : Block et al,
Law Relating to Publishers and Printers : P.C Sarkar,
Newspaper organisation and management : L. W. Ruckerr and Williams

BSEG 403: MICROPHONE DESIGNS AND APPLICATIONS (AOC)

OBJECTIVES: understanding various types of microphones and their uses. Getting a thorough knowledge about various patterns of a microphone and their advantages.

MODULE I
Microphone design- types of mic- dynamic mic, ribbon mic, condenser mic - what is phantom power- what are external powers used for, electret- condenser microphone.

MODULE II
Microphone characteristics- Directional response- various patterns of various microphone to capture sound from a source- frequency response- transient response- output characteristics- balanced and unbalanced lines.

MODULE III
Microphone preamps- microphone techniques- other microphone pickup issues- low frequency rumble, proximity effect, popping, off axis pickup- close microphone placement- distand microphone placement.

MODULE IV
Microphone placement techniques for various instruments- brass insturments- trumpet, trombone, tuba, French horn. Guitar- acoustic guitar- miking near the sound hole, room and surround guitar miking. Percussions- drums, congos and hand drums.

MODULE V
Microphone selection- various brands of microphone, their uniqueness. Shure sm57, telefunken m81, AKG D112, AKG C 214, Neumann TLM102.

REFERENCE:
Modern recording techniques: David Miles Huber,
Handbook of sound engineers: Ballou Glen,
Sound recording practice : Borwick John

BSES404 : FILM APPRECIATION (AOC)

OBJECTIVES: understanding the fundamentals of a movie, their types and various genres of movies. Getting a better understanding of how they are made.

MODULE I

What is a Movie - Ways of Looking - Principles of Film form - Fundamentals of Film Form - Realism and other forms. Language of Cinema, Types of Movies - Genre - Evolution and Transformation of Genre - How Films Are Made -

MODULE II

Principles of Narrative Construction Classical Structure - Dialectical Form-Plot and Story, Cause and Effect, Time, Space etc. Mise-en-Scene - Master Scene-Cinematography - Colour - Tonal value.

MODULE III

Acting - The nature of Screen Acting, Stanislarsky Method Acting and creativity - Aspects of Performance, Actor and Film making, Editing (Continuity, Jump Cut, Dissolve, Fade etc.) Different editing styles - Creativity in Editing.

MODULE IV

Sound and Visuals - Functions of Film Sound - Sync Sound - Sound as Counter point - Creative use of Sound.

MODULE V

Film History and Film Language - Cinema aesthetics, Technological and Economic Approaches - Silent era - Talkie films, Italian Neorealism, French New Wave - and other forms - Science Fiction films - Emerging New Cinemas.

REFERENCE:

Producing great sound of film and video : Jay Rose, the filmmakers handbook: Steven Ascher, Edward Pincus

BSES405: STUDIO ACOUSTICS AND DESIGN (AOC)

OBJECTIVE: Learning how to design a studio and do its acoustics accordingly. Difference between acoustics and soundproofing. How to check the reverb time within a room and correct it.

MODULE I
Studio types - The professional recording studio, The project studio, home studio. What are the advantages and disadvantages of each of them. What makes one stand out from the other.

MODULE II
Difference between soundproofing and acoustics. What all materials are used for acoustics and what all materials are used for soundproofing.

MODULE III
Primary factors governing studio and control room acoustics- acoustic isolation, symmetry in control room design etc

MODULE IV
Room reflections and acoustic reverberation - acoustic chambers. Diffusers, bass traps and what are each of these used for.

MODULE V
Measuring a room- measurement mic, softwares to measure a room, how to measure a symmetrical room, how to measure an asymmetrical room.

REFERENCE:
Modern Recording Techniques: David Miles Huber,
Handbook of Sound Studio Construction-Rooms for Recording and Listening: Ken C. Pohlmann

BSES406 - INTERNSHIP

Internship for students at a studio where they would gain a well off knowledge about microphones, preamps and acoustics.

SEMESTER 5

BOCG501 - ENVIRONMENTAL STUDIES

OBJECTIVES: To built a pro-environmental attitude and a behavioral pattern in society based on sustainable lifestyles, To impart basic knowledge on pollution and environmental degradation.

MODULE I(15 hrs)
Introduction to Environment Science : Development and Environment, Human Population and the Environment : Population growth, variation among nations-Population explosion – Case Studies.Sustainable Development – Concept, Policies, Initiatives and Sustainability strategies, Human Development Index, Gandhian Principles on sustainability.

Natural systems - Earth - structure, soil formation - factors affecting, soil types,Atmosphere – structure and composition, Hydrosphere – Oceans, rivers, estuaries, Lakes etc., Physical environment of aquatic systems.

Resource utilization and its impacts on environment - Renewable and non-renewable resources,
Forest resources : Use and over-exploitation, Timber extraction, mining, dams and their effects on forest and associated biota.
Water resources : Use and over-utilization of surface and ground water, conflicts over water, River valley projects and their environmental significance - Case studies – Sardar Sarovar
Mineral resources : Use and exploitation, environmental impacts of extraction and use of mineral resources, case studies – sand mining, metal mining, coal mining etc.
Food resources : World food issues, changes caused by - overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, and salinity. Case studies.
Energy resources : Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources. Case studies.
Land resources : Land as a resource, land degradation, soil erosion and desertification.

MODULE II (15 hrs)
Ecosystems
Concept of an ecosystem - Structure and function of an ecosystem-Producers, consumers and decomposers - Energy flow in the ecosystem - Ecological succession - Food chains, food webs and ecological pyramids.
Ecological interactions Types, characteristic features, structure and function of the following ecosystem : Forest, Grassland, Desert, Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries). Significance of wetland ecosystem – Classification, Ecology and Biogeochemistry. Threats and Management

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

biodiversity. People's participation in biodiversity conservation - Biodiversity Register; Global Climate change and Biodiversity.

MODULE III (15 hrs)
Environmental Pollution
Air pollution: sources - mobile, stationary, fugitive; type of pollutants - primary and secondary air pollutants, Smog - classical smog and photochemical smog, Acid rain; Ozone depletion; impacts of air pollutants on environment; control measures.

Water pollution: Sources - Point and non-point sources; Types – chemical, biological and physical; impacts on the environment; water quality – water quality standards ; control measures.

Soil pollution: sources and impacts

Noise pollution: sources, impacts on health, management strategies Thermal pollution and Nuclear pollution - sources and impacts Solid wastes – types, sources, impacts on Environment.

Municipal Solid waste Management: Essential steps- source segregation , collection, Processing and Disposal of residues. Environmental Pollution - case studies

Natural and anthropogenic Disasters and their management : floods, earthquake, cyclone and landslides.

MODULE IV (15 hrs)
History of Environment Protection
Silent spring, Ramsar Convention, Stockholm conference, Montreal protocol, Kyoto protocol, earth summit, Rio+10, Rio+20, Brundtland commission Report, Sustainable development Environmental movements in India, Global initiatives for Environmental protection Environmental education –basics, Tblisi conference, Environment Management Systems Environment Information Systems, Environmental Impact assessment (EIA) – definition and significance, EIA notification; National and state level Authorities; role of public in EIA of a development project,

Social Issues and the Environment, Environmental movements

From Unsustainable to Sustainable development - Urban problems related to energy- Water conservation - Rain water harvesting; Watershed management

Environmental ethics : Issues and possible solutions.

Environmental Economics, Green house effect and Climate change Natural and Anthropogenic disasters

Disaster Management, Wasteland reclamation - Consumerism and waste products- Environmental Laws – General introduction; Major laws in India.Environment Protection Act - Air (Prevention and Control of Pollution) Act - Water (Prevention and control of Pollution) Act - Wildlife Protection Act - Forest Conservation Act - Issues involved in enforcement of environmental legislation - Public awareness

TEXT BOOK
Textbook for Environmental Studies For Undergraduate Courses of all Branches of

Further activities
Field work Visit to a local area to document environmental assets : river / forest / grassland / hill / mountain
Visit to a local polluted site - Urban / Rural / Industrial / Agricultural / Solid waste dump yards
Study of common plants, insects, birds.
Study of simple ecosystems-pond, river, hill slopes, etc.
(Field work Equal to 5 lecture hours)

BSEG502 - SCREENWRITING AND STORYBOARD WRITING (AOC)

OBJECTIVES: Understanding basics of short screen play, how to write a shooting script.

MODULE I
Characteristics of a good motion picture story - Plot line - Protagonist - Antagonist - Characterization - Anticipation - Suspense - Surprise.

MODULE II
Basics of short screen play - Image and Sound components - Organic structure - Dialogue for drama and motion picture - Method and format for a screenplay.

MODULE III
Factors for writing a shooting script - Image and Sound formulations, View point, image size, movement etc. Form idea to shooting script.

MODULE IV
Process and execution of storyboard from idea through script to storyboard, writing dialogue.

MODULE V
Components of a storyboard - Concept & Function of Story board - Use of story board.

REFERENCE
Screenwriting: Felim MacDermott

BSEG503 - MUSIC ENTREPRENEURSHIP (AOC)

OBJECTIVES: To understand ways to setup a music enterprise, getting a well off knowledge about the vision of the enterprise, its legal formalities, its target audience and understanding various ways to set the business plan.

MODULE I

Setting the Aim of a Music Enterprise- Define Your Mission, Mission Research, Formalize the Vision, Preparing to Write a Formal Vision Statement, Determine the Values

MODULE II

Identifying Customers and Determining Customer Requirements- Your Customers, Define Your Target Market, Describing Customers, Determine Your Customer's Needs, Describe an Emotional Connection, Coordinate Your Mission with Your Customers.

MODULE III

Measuring and Tracking Performance Macro-Strategy, Set the Goals, Assessing the goals, Re-Evaluate the Goals, Strategy.

MODULE IV

Entrepreneurial Patterns, Key Traits of the Entrepreneur, Identify Entrepreneurial Traits, Entrepreneurial Profile, Prepare an Entrepreneurial Profile, Alignment of Entrepreneurial Traits.

MODULE V

The Business Plan- Myths of Creativity, Understanding the Landscape, Elements of the Business Plan, Importance of Executive Summary, Drafting and Redrafting.

REFERENCE

Music business handbook and career guide: David Baskerville

BSES504 ART AND TECHNOLOGY OF MIXING (AOC)

OBJECTIVES The art of mixing emphasis on exploring the many creative and technical considerations necessary to mix a music or movie in today's world.

MODULE I

Overview of Mixing- Overview and History of Mixing- Mixing = Balance, Panning Perspectives, Muting Techniques, Building a Mix.

MODULE II

Mix Setup: Organization, Ergonomics, and Phase Relationships- Compatibility between DAWs, Importance of Metering, Importance of Gain Staging, Mixing Levels and Delivery Standards, Phase, Exporting the Mix.

MODULE III

Equalization Techniques- Equalizers: History, Theory, and Application, EQ Parameters, EQ Types, Plug-in vs. Analog Hardware EQ, Creative Equalization Techniques.

MODULE IV

Reverb and Delays- Reverb and Delay as Acoustical Phenomena, Reverbs: Parameters, Chamber, Spring, Plate, Halls, and Room, Delays: Parameters, Tape, Ping Pong, and ADT, Analog vs. Digital, Plug-in vs. Hardware, Reverb Critical Listening Exercise.

MODULE V

Automation Techniques- Automated Mixing Overview and Historical Perspective- VCA, Moving or Flying Faders, and Total Recall: From Analog to DAW, Analog vs. Digital, Console vs. DAW- Modes of Operation for Automated Mixes: Write, Read, and Update, Hands- on Options: Real Time, Off-Line, or Snapshot Automation.

REFERENCE

The Art of Mixing: A Visual Guide to Recording, Engineering, and Production: Gibson.

BSES505 - FILM SOUND-DUBBING AND SYNC SOUND (AOC)

OBJECTIVES Learning ways to dub, record Foley, do sync sound and mixing and balancing all the elements together. Getting a deep understanding of obtaining an audio apt for a video.

MODULE I

Dubbing - narration, commentary etc . Voice modulations. How to be expressive while dubbing.

MODULE II

Sync sound- Location Recorder, Location Microphone, Field mixer, Boom and Boom Operation, Sound Editing -Effects and Ambience recording/Track laying .

MODULE III

Foley Editing - Foley recording/Track laying . Proximity effect. Make it sound real.

MODULE IV

Pre Mix - Dialogue Premix, Effects Premix, Ambience Pre mix, Foley Premix, Music Premix.

MODULE V

Final Mix - DAW - Project file setup, Various Mixing Formats-Mono, Stereo and Surround Sound.

REFERENCE

Handbook of sound engineers : Ballou Glen,
Sound recording practice : Borwick John,
Sound Studio : Ford Tyree S.,
Sound FX : Alexander U. Case,
The Sound Effects Bible : RicViers

BSES506 - DOCUMENTARY PRODUCTON (AOC)

OBJECTIVES: understanding what a documentary is, different genres of documentary, what are documentary's used for, how to do audio for a documentary.

MODULE I

Basic introduction of documentary- what is documentary, types of documentary, Origin and Growth of Documentary films, Different genres of documentary.

MODULE II

Relevance and importance of documentary films, introduction to various documentary film makers, how to make a documentary unique and making documentary based upon the theme.

MODULE III

Documentary storytelling, Importance of research for documentaries, how to make documentary from idea to finished product

MODULE IV

Researching and writing scripts for documentaries, the narrative spine, theme, plot and character, structure and format, writing narration and voice over, docudrama. Shooting and editing documentaries.

MODULE V

Which roles does documentary film assume in discourse formation and policy practices concerning issues of nationalism, citizenship and ethnicity? Which are the advantages and disadvantages of documentary film as the scholar's and practitioner's tool of communication and political action? Which ethical obligations, if any, do a filmmaker and a scholar have towards the audience of his/her work as well as the people that the work features?

REFERENCE:

Bernard, Sheila Curran (2004) Documentary Storytelling for Video and Filmmakers, Hampe, Barry (1997) Making Documentary Films and Reality Videos.

SEMESTER 6

BOCG601 - ENTREPRENEURSHIP DEVELOPMENT

Objective: To familiarize the students with the concept and overview of entrepreneurship with a view to enhance entrepreneurial talent. To impart knowledge on the basics of entrepreneurial skills and competencies to provide the participants with necessary inputs for creation of new ventures. To explore new vistas of entrepreneurship in 21st century environment to generate innovative business ideas.

Module I

To make the students understand about entrepreneurs and different classifications. Entrepreneur and entrepreneurship - Definition; traits and features; classification; Entrepreneurs; Women entrepreneurs; Role of entrepreneurs in India.

Module II

Create an awareness about EDP. Entrepreneurial development programme concept; Need for training; phases of EDP; curriculum & contents of Training Programme; Support systems, Target Groups; Institutions conducting EDPs in India and Kerala.

Module III

General awareness about identification of project financing new enterprises. Promotion of a venture; opportunity Analysis Project identification and selection; External environmental analysis economic, social, technological an competitive factors; Legal requirements for establishment of a new unit; loans; Overrun finance; Bridge finance; Venture capital; Providing finance in Approaching financing institutions for loans.

Module IV

To identify different opportunities in small business. Small business Enterprise - Identifying the Business opportunity in various sectors - formalities for setting up of a small business enterprise - Institutions supporting small business enterprise - EDII (Entrepreneurship Development Institute of India), SIDO (Small Industries Development Organization NSIC (National small Industries Corporation Ltd.) NIESBUD (National Institute for Entrepreneurship and Small Business Development) Sickness in small business enterprise causes and remedies

Module V

To understand about a project report relating to a small business. Project formulation - Meaning of a project report, significance, contents, formulation planning commissions guidelines for formulating a project report - specimen of a project report, problems of entrepreneurs, case studies of entrepreneurs.

Books for Reference:

1. Cliffton, Davis S. and Fylie, David E., Project Feasibility Analysis, John Wiley, New York,1977.
2. Desai A. N., Entrepreneur and Environment, Ashish, New Delhi,1990.
3. Drucker, Peter, Innovation and Entrepreileurship, Heinemann, London,1985
4. Jain Rajiv, Planning a Small Scale Industry: A guide to Entrepreneurs, S.S. Books, Delhi, 1984
5. Kumar S. A., Entrepreneurship in Small Industry, Discovery, New Delhi,1990
6. McCleffand, D. C. and Winter, W. G., Motivating Economic Achievement, Free Press, New York, 1969

BSEG602 - MEDIA ETHICS AND EDUCATION

OBJECTIVES: To understand the positive as well as negative influence of media and the critical evaluation of media.

MODULE I

Ethics - Branches of Ethics, Media Ethics - Mass Media and the shape of the Human Moral Environment. Applied Ethics - Ethical issues in different media professions - Journalism, Cinema, Advertising, Photography, Graphic Design, Animation etc. - Overview of Codes and Regulations in India. Digital Media Ethics.

MODULE II

Media Education - Objectives and Skills - Key Concepts, Media Scenario: Present Trends - Different Starting points for Media Education - Media Impact in Society - Social and Psychological impacts.

MODULE III

Culture and Communication - Culture as Communication - Inter-cultural Communication - Values, World view and Perception - Values in Culture - Values and Communication - From Ethnocentrism to Ethno relativism.

MODULE IV

Mass Media: Relevance and significance. Purpose and functions of Mass Media - Mass Media, Individuals and Society - Connecting to “Reality” through Media - Media and Society: Normative theory.

MODULE V

Media Language - Media as Art Experiences - De-mystifying the Media and Consumerism - The Philosophy commercialism - Media and De-humanization - Violence in the Media - Media and Moral Permissiveness - Media and Imperialism - Erosion and Mental Colonization - Media Control - Alternative Media.

REFERENCE

1. Mass Media and the Moral Imagination : Philip J Rossi
2. Media Education in India : Jacob Srambickal
3. Media Ethics : Bart Pattyn
4. Communication Ethics and Universal Values : Clifford Christmas
5. Digital Media Ethics : Charles Ess

BSEG603 - SIGNAL PROCESSING (AOC)

OBJECTIVES: Understanding various ways to process an audio signal, and how to use different plugins in order to make an audio signal sound the way it is expected.

MODULE I

The wonderful world of analogue and digital, what are plugins- how to use them, various ways through which we can process a signal.

MODULE II

Signal paths in effect processing - insert routing, external control over an insert effect's signal path - send routing, side chain processing.

MODULE III

Effects processing- hardware and plug-in effects in action, equalisation - peaking filters, shelving filters, high pass and low pass filter, equalizer types.

MODULE IV

Dynamic range - dynamic range processors, compression, multiband compression, limiting, exapansion, the noise gate, sound shaping effects devices and plug-ins.

MODULE V

Time based effects- delay- delay in action at various time, reverb- reverb types, psychoacoustic enhancement, pitch shifting, time and pitch changes, multiple effect devices, dyanamic effects automation and editing.

REFERENCE:

Digital Signal Processing Fundamentals: Vijay Madisetti
Master Handbook of Audio Production - A Guide to Standards, Equipment, and System Design: Jerry Whitaker

BSES604 - FILM SCORES (AOC)

OBJECTIVES: Understanding how to use a background score in order to accompany a visual form and knowing the various genres of music in order to select the apt genre based upon a particular scene.

MODULE I

Drama and Music Absolute Music vs. Functional Music, Technological Advances, Early Film and Sound Technology, Film Scoring Terminology, Categories of Music in Visual Media, Musicals: Adapted to Film - Original Film Musicals.

MODULE II

Film Terminology and Dramatic Application, The Stages of Film Production, Setting Up and Shooting a Scene, Dramatic Application of Camera Movement and Perspective.

MODULE III

Spotting and Scoring a Short Film- Putting It All Together, Spotting - Transitions and Overlaps, Creating the Spotting Notes, Creating a Music Summary, Developing a Concept for the Score.

MODULE IV

Scoring under Dialogue or Narration, Open and Closed Scoring Situations, Considerations for Scoring Under Dialogue, Scoring Methods Under Dialogue, Dialogue and Music as Counterpoint.

MODULE V

Professional Scoring: Preparation and Application, Trust and Believe in Yourself, Considerations Before Scoring, Creating a Budget.

REFERENCE

Complete Guide to Film Scoring- The Art and Business of Writing Music for Movies and TV: Richard Davis.

BSES605 - AUDIO PRODUCTION FOR FILM (AOC)

OBJECTIVES: Understanding the final process of audio in a film, how to get the desired outcome and making it sound the way required through various processes such as Foley, background score and mixing.

MODULE I
Dialogue Editing-getting sound from the picture dpt. to the sound dept., File names and Backup, Screening the OMF.

MODULE II
Post confirm -The spotting session, Image -Depth and perspective, Damage Repair, Production effects and guide tracks, confirmation, ADR, Editing sound for Documentaries, Preparing for the Mix.

MODULE III
Multi track FX recording, Re-recording and final mix

MODULE IV
FX- pre-mixing, BGM mixing, Multi track FX mixing and multi-track BGM mixing.

MODULE V
Final mixing and Mastering.

REFERENCE:
Handbook of sound engineers : Ballou Glen, Sound recording practice : Borwick John, Sound Studio : Ford Tyree S., Sound FX : Alexander U. Case, The Sound Effects Bible : RicViers.

BSES606 - INTERNSHIP

Final internship for the students at a studio where all the required equipment and processes for a final film production is handled.

B.Voc. DEGREE PROGRAMME IN SOUND ENGINEERING

SEMESTER 1

MODEL QUESTION PAPER

MAHATMA GANDHI UNIVERSITY

B.Voc Common Course
First semester

LISTENING AND SPEAKING SKILLS IN ENGLISH Time: 3 hrs

Maximum marks:80

Section A

Answer any ten questions. Each question carries 2 marks.

1. Describe an auto rickshaw.
2. What is intensive reading?
3. What is the difference between a definite article and an indefinite article?
4. What is rising tone?
5. What is an index?
6. What is a phrasal verb?
7. Who is a good reader?
8. What is an embedded question?
9. Write a few phrases which can be used to express mild disagreement.
10. What are the three functions of conjunctions?
11. What are grammatical words?
12. What are people skills?

(10 x 2 = 20)

Section B

Answer any six questions. Each question carries 5 marks.

13. What is telephone etiquette?
14. Who is an active listener?
15. Prepare a vote of thanks to be presented for the residents' association meeting.
16. Write short note on conjunctions.
17. What are the features of fluent speech?
18. You are a project leader. Introduce the members of your team to a visiting dignitary.
19. Write a short note on reading for a purpose.
20. What are the steps in cancelling and rescheduling appointments?
21. Describe the qualities of your college to your friends. (6 x 5 = 30)

Section C

Answer any two questions. Each question carries 15 marks.

22. Discuss ‘the importance of social media’ with two other participants in a group discussion.

23. a) Write a conversation with your panchayath member, complaining about the lack of streetlights.
    b) Write a model interview you make with an actor.

24. Write a note on subject-verb agreement.

25. What are the roles and functions in a group discussion?

(2 x 15 = 30)

MAHATMA GANDHI UNIVERSITY
B.Voc SOUND ENGINEERING
First semester

FUNDAMENTALS OF COMPUTER

Time: 3 hrs Maximum marks:80

SECTION A

Answer any ten questions (2 marks each)

1. Differentiate <sub> and <sup> tags in HTML.
2. Write Any Two Advantages Of Internet.
3. What is Netscape Navigator?
4. Differentiate between FTP and TFTP.
5. What is Telnet?
6. Write Classifications of Computer Network
7. Define computer
8. List two characters of fourth generation of computers
9. Discuss any four hardware
10. What is voice recognition device? Give example
11. What is an output device? Name some commonly used output devices
12. Write any three characteristics of first generation computer (10 x 2 = 20)

SECTION B

Answer any six questions (5 marks each)

13. Explain the E-Mail Message Components.
14. What is Internet Explorer? Explain its Features
15. Differentiate between Internet and Intranet.
16. Explain Video Conferencing.
17. Explain tables in HTML
18. Explain Hard disk?
19. Compare 3rd and 5 th generation of computers
20. Write notes on output unit

21. Explain PROM,,EPROM and EEPROM (6 x 5 = 30)

SECTION C

Answer any two questions (15 marks each)

22. Explain different Topologies with Diagram.

23. Draw the functional units of computer system and explain all the operations?

24. What do you mean by processor and write down its components?

25. Note on Mac OS.

(2 X 15 = 30)

MAHATMA GANDHI UNIVERSITY
B.Voc SOUND ENGINEERING
First semester

MEDIA HISTORY

Time: 3 hrs Maximum marks:80

Section A

Answer any ten of the following questions (2 marks each)

1. What does PRO stands for?
2. Who is considered as father of PR?
3. Who coned the word public relation?
4. Expand NFDC?
5. The first cinematographic exhibition of Lumiere brothers were held in -------- ?
6. The first Indian movie?
7. The first talkie?
8. Alam Ara was directed by?
9. Voyage to the moon directed by?
10. Who propagated the theory of montage?
11. Expand DAB?
12. Expand PBS?

(10 x 2 = 20)

Section B

Answer any six of the following in about 100 words each (5 marks each)

13. Explain different types of feature film.
14. Explain different geners of documentary.
15. Explain Radio commercials.
16. History of PR in India.
17. History of TV in India.
18. Explain the purpose of advertisement?
19. Describe the unique characteristics of internet as an interactive medium.
20. Detail the origin of radio Broadcasting in India.
21. Discuss how FM broadcasting has changed the style of Radio in India. (6 x 5 = 30)

Section C

Answer any two of the following in about 300 words each (15 marks each)

22. Trace back the history of TV.
23. Explain the history of Advertisement in India.
24. “A movie is a directors art”_ Comment.
25. Write an essay on History of Indian film.

(2 x 15 = 30)

MAHATMA GANDHI UNIVERSITY
B.Voc SOUND ENGINEERING
First semester

SCIENCE OF SOUND

Time: 3 hrs Maximum marks:80

Section A

Answer any ten of the following questions (2 marks each)

1. What is sound?
2. Define wavelength of sound?
3. Define frequency of sound?
4. Define velocity of sound?
5. Define amplitude of sound?
6. Define fundamental frequency of a sound?
7. What are harmonics? Give examples.
8. What are overtones? Give examples.
9. What is the frequency range of human ear?
10. What are octaves?
11. What is absorption of sound? What are the materials used to absorb sound?
12. What are longitudinal waves?

(10 x 2 = 20)

Section B

Answer any six of the following in about 100 words each (5 marks each)

13. What is sound? What are the characteristics of sound?
14. Explain the terms amplitude, frequency, wavelength, velocity of sound
15. What are fundamental frequency and harmonics? Explain with an example. 16What are even and odd harmonics? Give examples
17. Explain the terms partials, overtones.
18. Differentiate between transverse and longitudinal wave. In which category does sound fall?
19. What is sound pressure level (SPL) and sound power?

20. What are the parts of human ear?

21. What are reflection, diffusion and absorption of sound?

(6 x 5= 30)

Section C

Answer any two of the following questions in about 300 words each (15 marks each)

22. Explain the characteristics of waveform.

23. What are standing waves? How are they formed? What are the disadvantages of standing waves? How can we avoid standing waves?

24. What is psychoacousitics? Explain the auditory perception.

25. Explain how sound travels in air with suitable diagrams.

(2 x 15 = 30)

B.Voc. DEGREE PROGRAMME IN SOUND ENGINEERING

(2018 admission onwards)

SEMESTER 2

MODEL QUESTION PAPER

MAHATMA GANDHI UNIVERSITY

B.Voc Common Course
Second semester

WRITING AND PRESENTATION SKILLS IN ENGLISH Time: 3 hrs

Maximum marks:80

Section A

Answer any 10 questions. Each question carries 2 marks.

1. What is a resume?
2. What is a group discussion?
3. What is a project report
4. What is proxemics?
5. What is a letter of enquiry?
6. What is a flip chart?
7. What is a seminar?
8. What is a power of attorney?
9. What is netiquette?
10. What are narrative essays?
11. What are the components of a typical seminar paper?
12. What is para language?

(10 x 2 = 20)

Section B

Answer any 6 questions. Each question carries 5 marks.

13. What are the important points to be considered while sending collection letters?
14. What is a channel of communication? What are the different types of cannel of communication?
15. Write a letter to the editor about the street dog menace in your city.
16. You want to sell your book collection. Prepare a notice to be put up in the college notice board.
17. Write a short note on Kinesics.
18. Prepare an agenda for the monthly board meeting of your firm.
19. What are the points to be remembered while filling an application form?
20. You are the owner of a supermarket. Write a letter inviting quotations from a wholesale dealer.
21. Write a short note on visual aids that are often used in presentations.

(6 x 5 = 30)

Section C

Answer any 2 questions. Each question carries 15 marks.

22. You are Ravi/Jaya. Prepare an application letter and a resume for the post of an assistant engineer.
23. Write an essay arguing for or against single sex educational institutions.
24. What are the barriers to effective communication? How can we overcome them?
25. Write a descriptive essay about your favourite place.

(2 x 15 = 30)

MAHATMA GANDHI UNIVERSITY

B.Voc SOUND ENGINEERING

Second semester

ANALOGUE AND DIGITAL

Section A

Answer any ten of the following (2 marks each)

1. What is the full form of AES/EBU?
2. What is the full form of S/PDIF?
3. What is the full form of SCMS?
4. What is the full form of MADI?
5. What is the full form of TDIF
6. What is the full form of CLASP?
7. What is digital audio?
8. Expand PCM.
9. What is Bit depth?
10. What is sample rate?
11. Expand AIFF.
12. What is Compressed Audio?

(10 x 2 = 20)

Section B

Answer any six of the following in about 100 words each (5 marks each)

13. What is CLASP? Explain its functions and routings.
14. Explain various Digital Audio formats and their advantages and disadvantages.
15. Explain magnetic tape heads and their tasks.
16. Explain analogue tape noise and types of noises.
17. How Analogue based noises can be reduced?
18. Explain various sound file sample rates and their uses.
19. What is over sampling? What are the three main reasons for this?
20. What is Nyquist theorem ?

21. Explain dither and how it works.

(6 x 5 = 30)

Section C

Answer any two of the following in about 300 words each (15 marks each)

22. Explain magnetic tape heads and their tasks, along with its diagram.
23. Explain the process of editing magnetic tape.
24. Explain various monitoring modes in a professional ATR.
25. Explain the digital recording/reproduction process along with its diagram. (2 x 15 = 30)