



# INFORMATION BROCHURE

*on*

Guidelines and Other Terms & Conditions

*of*

MAKAUT, WB (Non-AICTE) Courses (2023–2024)

*for*

- [Case A] Establishment of New Institutions
- [Case B] Introduction of Additional Course(s) of the existing affiliated Institution
- [Case C] Variation in Intake in the affiliated Course(s) of the existing affiliated Institution
- [Case D] Extension (Renewal) of Affiliation of the existing affiliated Institution
- [Case E] Shifting of College-building of the existing affiliated Institution to the new premises
- [Case F] Conversion of name and style of the existing affiliated Institution

Approval of the Competent Authority  
dated 09.12.2022 in File No. IC-284/2022



## MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

(Formerly West Bengal University of Technology)

Main Campus: NH 12, Haringhata, Post Office – Simhat, Police Station – Haringhata, Pin - 741249

City Campus: BF-142, Salt Lake City, Kolkata – 700 064

PBX : (033) 2334-1014 / 1021 / 1028 / 1031

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The MAKAUT, WB is offering AICTE course and Non-AICTE courses both. The following Non-AICTE courses are being offered by the MAKAUT, WB at present.

Courses offered and Guidelines and other Terms & Conditions of MAKAUT, WB (Non-AICTE courses) were approved as per resolution dated 11.01.2012 of the Committee formed by the Academic Council in its meeting held on 24.11.2011 for formulation of Guidelines and Other Terms and Conditions of MAKAUT, WB (Non-AICTE) course(s) read with the (i) Notification No. 1/Regis/(Nom.Cl.Ch)/2016 dated 15.02.2016 of the Registrar, MAKAUT, WB, (ii) The approval of the competent Authority dated 16.12.2021 in File No. IC-267/2021 and (iii) dated 09.12.2022 in File No. IC-284/2022.

### **Courses offered:**

1. BBA – 3 Yrs.
2. BTM (4 Yrs. – 3+1)
3. BBA (Supply Chain Management) – 3 Yrs.
4. BBA (Insurance & Risk Management) – 3 Yrs.
5. BBA (Hospital Management) – 3 Yrs.
6. B.Sc. in Hospitality and Hotel Administration – 3 Yrs.
7. BBA (Sports Management) – 3 Yrs.
8. BCA – 3 Yrs.
9. B.Optom (Bachelor of Optometry) – 4 Yrs.
10. B.Sc. in Media Science – 3 Yrs.
11. B.Sc. in Nautical Science – 3 Yrs.
12. B.Sc. in Biotechnology – 3 Yrs.
13. B.Sc. in Microbiology – 3 Yrs.



14. B.Sc. in Molecular Biology – 3 Yrs.
15. B.Sc. in Genetics – 3 Yrs.
16. B.Sc. in Fashion Design & Management – 3 Yrs.
17. B.Sc. in Multimedia, Animation & Graphics – 3 Yrs.
18. B.Sc. in Gaming & Mobile Application Development – 3 Yrs.
19. BMS (Pharmaceutical Management) – 3 Yrs.
20. M.Sc. in Genetics – 2 Yrs.
21. M.Sc. in Information Science – 2 Yrs.
22. M.Sc. in Media Science – 2 Yrs.
23. M.Sc. in Biotechnology – 2 Yrs.
24. M.Sc. in Applied Mathematics – 2 Yrs.
25. M.Sc. in Computer Science – 2 Yrs.
26. Master of Management Studies (Pharmaceutical Management) – 2 Yrs.
27. M.Sc. in Microbiology – 2 Yrs.
28. M.Sc. in Human Computing & Artificial Intelligence – 2 Yrs.
29. Master of Public Health – 2 Yrs. 3\*
30. Master of Optometry (MOPTOM) – 2 Yrs. \*
31. B.Sc. (Medical Lab Technology) – 3 Yrs. \*
32. M.Sc. (Clinical Psychology) – 2 Yrs.\*
33. B.Sc. (Behavioural Science & Applied Psychology) – 3 Yrs.\*
34. M.Sc. (Data Science and Analytics) – 2 Yrs. 3\*
35. M.Sc. (Information & Cyber Security) – 2 Yrs.\*
36. M.Sc. (Animation & Graphic Design) – 2 Yrs.\*
37. M.Sc. (Film & Television) – 2 Yrs. \*
38. M.Sc. (Hospitality Management) – 2 Yrs. \*
39. Master of Tourism & Travel Management (MTTM) – 2 Yrs. \*
40. B.Sc. (Culinary Science) – 3 Yrs. \*
41. M.Sc. (Fashion Management) – 2 Yrs. \*
42. BBA (Global Business) – 3 Yrs. \*
43. M.Sc. (Dietetics and Nutrition) – 2 Yrs. 1\*
44. BBA in Real Estate Management – 3 Yrs. 2\*
45. B.Sc. (Interior Designing) – 3 Yrs. 4\*
46. B.Sc. (Film & Television) – 3 Yrs. 5\*



47. BBA (Business Analytics) – 3 Yrs. 5\*
48. BBA (Entrepreneurship) – 3 Yrs. 5\*
49. B.Sc. (Yoga) – 3 Yrs. 5\*
50. M.Sc. (Yoga) – 2 Yrs. 5\*
51. B.Sc. in Data Science – 3 Yrs. 5\*
52. B.Sc. in Cyber Security – 3 Yrs. 5\*
53. B.Sc. in 3D Animation Film Making – 3 Yrs. 5\*
54. B.Sc. in VFX Film Making – 3 Yrs. 5\*
55. B.Sc. in Media Science and Film Making – 3 Yrs. 6\*
56. B.Sc. in Gaming – 3 Yrs. 6\*
57. B.Sc. in Animation & Film Making – 3 Yrs. 6\*
58. M.Sc. in Film Making – 2 Yrs. 6\*
59. M.Sc. in Data Analytics – 2 Yrs. 6\*
60. B.Sc. Sustainable Fashion Design and Management – 3 Yrs. 7\*
61. BBA (Accountancy, Taxation & Auditing) – 3 Yrs. 8\*
62. B.Sc. (Physiotherapy Management & Healthcare Science) – 3 Yrs. 8\*
63. B.Sc. in IT – 3 Yrs. 9\*
64. BBA (Heritage Tourism) – 3 Yrs. 9\*
65. B.Sc. Computer Science – 3 Yrs. 10\*
66. BBA (Commerce & International Accounting) – 3 Yrs. 11\*
67. B.Sc. (Medical Instrumentation and Critical Care Technology) – 3 Yrs. 11\*
68. B.Sc. (Forensic Science) – 3 Yrs. 11\*
69. B.Sc. (Psychology) – 3 Yrs. 11\*
70. B.Sc. (Statistics) – 3 Yrs. 11\*
71. M.Sc. (Applied Statistics and Analytics) – 2 Yrs. 11\*
72. BBA (Travel & Tourism Management) – 3 Yrs. 12\*
73. B.Sc. in Digital Health & Telemedicine – 3 Yrs. 13\*
74. BBA in Digital Marketing – 3 Yrs. 14\*
75. B.Sc. in Economics – 3 Yrs. 14\*
76. B.Sc. in Robotics & 3D Printing – 3 Yrs. 14\*
77. B.Sc. in Material Science – 3 Yrs. 14\*
78. B.Sc. in IT (Artificial Intelligence) – 3 Yrs. 14\*



- 79. B.Sc. in Food Science & Technology – 3 Yrs. 14\*
- 80. B.Sc. in Environment Science – 3 Yrs. 14\*
- 81. B.Sc. in Bioinformatics – 3 Yrs. 14\*
- 82. M.Sc. in Molecular Biology – 2 Yrs. 14\*
- 83. M.Sc. in Material Science – 2 Yrs. 14\*
- 84. M.Sc. in Forensic Science – 2 Yrs. 14\*
- 85. M.Sc. in Food Science and Technology – 2 Yrs. 14\*
- 86. M.Sc. in Environmental Science – 2 Yrs. 14\*
- 87. M.Sc. in Applied Chemistry – 2 Yrs. 14\*
- 88. M.Sc. in Applied Economics – 2 Yrs. 14\*
- 89. B.Sc. (Dietetics and Nutrition) – 3 Yrs. 15\*
- 90. B.Sc. (Medical Imaging Technology) – 3 Yrs. 15\*
- 91. BBA (Banking and Finance) – 3 Yrs. 15\*
- 92. B.Sc. in Business Process Automation – 3 Yrs. 15\*
- 93. M.Sc. (Medical Imaging Technology) – 2 Yrs. 15\*
- 94. M.Sc. (Medical Lab Technology) – 2 Yrs. 15\*

**N.B.**

**If any new course is offered by the University except the abovementioned courses, the same will be notified accordingly in the University Website for the stake holders.**

- \* Approval of the Competent Authority dated 30.01.2018
- 1\* Approval of the Competent Authority dated 08.02.2018
- 2\* Approval of the Competent Authority dated 15.02.2018
- 3\* Approval of the Competent Authority dated 16.02.2018
- 4\* Approval of the Competent Authority dated 19.02.2018
- 5\* Approval of the Competent Authority dated 11.03.2019
- 6\* Approval of the Competent Authority dated 11.09.2019
- 7\* Approval of the Competent Authority dated 30.09.2019
- 8\* Approval of the Competent Authority dated 19.02.2020
- 9\* Approval of the Competent Authority dated 20.02.2020
- 10\* Approval of the Competent Authority dated 19.01.2021
- 11\* Approval of the Competent Authority dated 25.02.2021



- 12\* Approval of the Competent Authority dated 10.03.2021
- 13\* Approval of the Competent Authority dated 01.04.2021
- 14\* Approval of the Competent Authority dated 24.05.2021
- 15\* Approval of the Competent Authority dated 25.02.2022

#### Guidelines and Other Terms and Conditions for

- [Case A] Establishment of New Institutions
- [Case B] Introduction of Additional Course(s) of the existing affiliated Institution
- [Case C] Variation in Intake in the affiliated Course(s) of the existing affiliated Institution
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- [Case E] Shifting of College-building of the existing affiliated Institution to the new premises
- [Case F] Conversion of name and style of the existing affiliated Institution

1.1 The **Application** may be submitted by the Chairman or Secretary of sponsoring body mentioned hereunder of the proposed College:

- (i) A Society registered under the societies Registration Act, 1860 as amended from time to time or any other relevant Acts
- (ii) A Trust registered under the Indian Trust Act, 1882 as amended from time to time or any other relevant Acts
- (iii) A Company established under Section 8 of Companies Act, 2013.

For each Non-AICTE UG or PG course a Bank Demand Draft of Rs. 15,000/- or 20,000/- respectively towards application fee for [Case A] Establishment of new Institution, [Case B] Introduction of additional course(s) of the existing Institution, [Case C] Variation in intake in the affiliated course(s) of the existing Institution, [Case E] Shifting of College-building of the existing Institution to the new premises and [Case F] Conversion of name and style of the existing Institution drawn on a nationalized bank in favour of “**MAKAUT, WB**” payable at Kolkata, must be enclosed with the **application particularly for [Case A]** failing which the application shall not be considered and shall be treated as rejected. The existing affiliated College applying under **[Case B], [Case C], [Case E] and [Case F]** is required to submit the aforesaid application fee at the time of deposit of renewal affiliation fee. **For [Case A] and [Case E] the legal vetting is required and for that an amount of Rs. 15,000/- has to be paid in the form of Bank Demand Draft along with application. If deficiencies are pointed out in the 1<sup>st</sup> time legal vetting, the compliance has to be submitted in respect of deficiencies pointed out in the 1<sup>st</sup> legal vetting with an amount of Rs. 10,000/- for the purpose of 2<sup>nd</sup> time legal vetting. For each legal vetting (3<sup>rd</sup>/4<sup>th</sup> so on as the case may be) an amount of Rs. 10,000/- will be charged and those will be remitted in the form of Bank Demand Draft.**

1.2. The applicants fulfilling the following conditions are eligible to apply :



- (i) The applicant should be a Society/Trust/Company and it has to be registered under the Societies Registration Act / the Trust Act/ the Companies Act or any similar Act on or before the date of submission of application.
- (ii) The AICTE and Non-AICTE Colleges cannot exist together at any point of time. However, the Organising/Sponsoring Body of the AICTE approved Institutions desiring to conduct the Non-AICTE course(s) are required to satisfy the AICTE Gazette Notification F.No. AB/AICTE/REG/2020 dated 04.02.2020 which is reproduced below:

**F.No. AB/AICTE/REG/2020 dated 04.02.2020** –Further to that it shall be open for the Promoter Society/ Trust/ Company of the existing Institution to run other Educational Courses/ Institutions (Technical/Non-Technical) in the surplus land arising out of prevailing/reduced norms of land requirement. However, such surplus land can be used as per the land use certificate given to the Society/ Trust/ Company by the concerned authority subject to such Courses/ Institutions having their own facilities to conduct such Programmes without sharing the essential facilities such as class room, laboratory etc. with the already approved Technical Institution. However, Common amenities such as Canteen, Auditorium, Playground, Parking, etc. may be shared provided it caters to all the students of all the Programmes.

In case of willingness on the part of Organising/Sponsoring Body of the AICTE approved Colleges to introduce Non-AICTE courses they are required to demarcate the surplus land in the form of Khasra Plan/ Master Plan from the existing AICTE approved premises as per land requirement prescribed by AICTE which is thereafter required to be duly certified by the Competent Authority as prescribed under Annexure 8 of the AICTE Approval Process Handbook 2022-23.

The Land Use Certificate issued by the Competent Authority is to be submitted in respect of the demarcated surplus land, as per requirement of Clause 4.9 (b) of the AICTE (Grant of Approvals for Technical Institutions), Regulations, 2020. Furthermore, they are required to produce land and building details submitted to the AICTE.

Furthermore, that as per AICTE Approval Process Handbook 2022-23 (Clause 7.35, 7.36 and 7.37) starting other academic Course(s)/ Institutions (Technical/ Non-Technical) in the excess Built-up area arising out of the Courses approved for Closure, not started, etc., is permissible. However, the Applicant has to make Material/ Non-Material amendment of the Building Plan, Site Plan, etc. approved by the concerned Competent Authority to suit the requirements of the new Programme.

The Institutions may also conduct any academic Course(s) of other Regulatory Body using existing facilities, or by creating additional facilities as per the provisions laid down in the norms and standards of the respective Regulatory Bodies without affecting the quality of education prescribed by both Regulatory Bodies after taking NOC from the Council. In such cases, NOC will be issued based on Undertaking from the Institutions/Applicants. The Promoter has to provide an Affidavit<sup>12</sup> that the Institution(s) approved



by AICTE in the Campus has/ have all the facilities such as Infrastructure, hostel (if applicable), Faculty, etc. for meeting the ALL the Courses, in addition to the proposed academic Course(s).

Ample space shall be made available for playground in an Institution. Institutions shall provide owned/ hired facilities for indoor and outdoor sports for the students either in the Campus or through arrangements with other adjacent Institutions, Corporation grounds, private facilities, etc.

Total Built-Up area under each sub-categories such as Instructional area, Administrative area, Amenities area and Circulation area for each Programme shall be fulfilled. Built-Up area in excess than the total Built-up area required to run the Programme(s) and Course(s) for the entire duration shall be utilized for the student developmental activities such as Hostel, Research Park, Start-up Centre, Innovation Club, Entrepreneurship, etc.

Mandatory disclosures as given in the Annexure 10 shall be displayed in the website of each Technical Institution.

**N.B.**

**The aforesaid Clause 1.2 (ii) may be modified if the concerned Regulatory Authority makes any change to this effect in the Academic Year 2023-2024. Subsequently Notification will be issued for compliance of the stake holders and that will be binding for all concerned.**

- (iii) The name and style of the proposed Institution/College shall not be used for any other purpose like affiliation/recognition/association with other universities/organisations, charitable/ commercial purposes etc. The said name & style will be used exclusively for MAKAUT, WB.

“The applicants Trust/Society/Company seeking Non-AICTE courses affiliation shall not use name of the Institution in such a way that the abbreviated form of the name of the Institution becomes IIM/IIT/IISc/NIT/ IISER/IIT/IIEST/AICTE/UGC/ MHRD/GOI/ MAKAUT/WBUT. The applicant Trust/Society/Company shall also not use the word(s) Government, India, Indian, National, All India, All India Council, Commission anywhere in the name of the Institution and other names as prohibited under the Emblems and Names (Prevention of Improper Use) Act, 1950. Provided that the restrictions mentioned above shall not be applicable, if the Institution is established by Government or its name is approved by the Government.”

- (iv) The proposed land and Building which has been earmarked for conducting such Non-AICTE course(s) shall not be utilised for any other kind of activity, like affiliation with other universities, Distance Education Centre of other University, other charitable / commercial purposes etc. without obtaining prior approval of the University.
- (v) At the time of inspection for affiliation all works (Laboratories, Library, other infrastructure, Staff recruitment) are required to be completed in all respect.





- (vi) Laboratories should be set up for the specific course in accordance with the syllabus of MAKAUT, WB. All syllabus of MAKAUT, WB is available in the University Website <https://makautwb.ac.in>.
- (vii) In the case of Variation in Intake in the affiliated courses / Introduction of additional course(s) in **the existing institutions exclusively conducting Non-AICTE courses will only be considered** as and when facilities like land, building, library, laboratory, faculty & other amenities as prescribed herein are sufficiently augmented. However, this will be guided as per Clause 2.1 prescribed herein.
- (viii) Institutions seeking affiliation for BBA (Hospital Management) / B.Optom/M. Optom courses must have a MOU for 15 years with any big Hospital (ISO certified).
- (ix) Institutions seeking affiliation for BBA(Sports Management) course must have a MOU for 15 years with any Super Division (Sports) Club.
- (x) **For Case A (Establishment of Non-AICTE Institution) only the requirement stated hereunder will be followed by the applicant Society / Trust / Company after knowing their name in website (<https://makautwb.ac.in>) /individual correspondence as eligible applicant considered favourably for affiliation as stated in STEP 3 under Clause 3 : A** fixed deposit of Rs. 15 lakhs in the nationalized bank is to be made for a period of 8 years in favour of the proposed College / Institute. An Indemnity bond on stamp paper of Rs. 100/- stating that the fixed deposit shall not be encashed or used for borrowing purpose or modified without prior consent of the Registrar, Finance Officer & Inspector of Colleges of MAKAUT, WB is to be executed. A letter stating the said fact of the Indemnity bond duly supported by the photocopy of the Indemnity bond addressed to the Branch Manager of the bank where the said fixed deposit has been made is to be submitted to the concerned bank. Original copy of the receipt of the aforesaid letter of the concerned bank along with the photocopy of the fixed deposit and original Indemnity bond are to be submitted along with the application. It is also obligatory on the part of existing Institutions conducting Non-AICTE courses to comply with the same directives failing which renewal of affiliation may not be considered.

2.1 Intake of Courses :

- Introduction of additional courses will be according to the following principles :

| Phase of Period      | Course(s)                                   | Intake                      |
|----------------------|---|-----------------------------|
| 1 <sup>st</sup> Year | At most four UG course(s) may be sanctioned | Maximum 240 intake in total |
| 2 <sup>nd</sup> Year | - do -                                      | - do -                      |
| 3 <sup>rd</sup> Year | - do -                                      | - do -                      |

The Institution will be evaluated after three years with respect to the following parameters viz. Admission, result, placement and service conditions of the employee attached to the Institution. The maximum intake of any course will not exceed 120.



If the results are satisfactory, then permission may be granted for additional intake.

2.2 Land requirement excepting Hostel, Play Ground and Staff Quarters :

For Kolkata Municipal Corporation area :- Minm. 10 Cottahs  
For District/Sub-Division Town (Municipal) area :- Minm. 15 Cottahs  
For Rural (Panchayet) area :- Minm. 30 Cottahs

The abovementioned area of land should be mandatorily in one Plot and splitting of land is not permissible. The documents of Registered Land / Govt. Leased Land of thirty years and above must be in the name of the applicant Society / Trust / Company. Private leased land/Property will not be accepted. Resolution of the applicant Society / Trust / Company expressing interalia to earmark the land and Building constructed thereon will be used by the proposed Institution is required to be attached with the application.

A few existing Non-AICTE Colleges located in the Municipal area have applied before the University for according permission to develop infrastructure in another piece of land in order to introduce new courses. After careful consideration of the matter particularly in the perspective of the scarcity of big area of land in Municipal area and keeping in view the norms of other Regulatory Body, it has been decided that after fulfillment of the minimum land requirement as prescribed [for Kolkata Municipal Corporation area :-Minimum 10 Cottahs and for District/Sub-Division Town (Municipal) area :- Minimum 15 Cottahs] the Organising/Sponsoring Trust/Society/ Company as the case may be of the existing college located in the Municipal area may develop further infrastructure in another piece of land but the aerial distance between two locations (i.e., existing location of the college and new location for developing the infrastructure in connection with the introduction of new course) will not exceed 2 KM. The land of new location should be a registered land/Govt. leased land of 30 years and above in the name of Organising/Sponsoring Society/Trust/Company as the case may be. Private leased land/property in respect of new location of the existing college will not be accepted. However, the existing college located in the Municipal area may apply before the University by providing documents related to land and building of the said new location for according permission by the University. (Approval dated 14.12.2022 of the Competent Authority in File No. IC-284/2022)

2.3 Built-up Area requirement (Infrastructure) :

Essential requirement :

- Built up area per student : 10 Sq.m. (square meter) for new and existing Institution.
- Class Room : For each Non-AICTE course(s) built-up area of atleast 1.0 Sq.m. (carpet area) per student is required. For each Non-AICTE course(s) atleast one class room for sixty (60) intake is required for each Academic Session i.e. for 1<sup>st</sup> year



one room, 2<sup>nd</sup> year one room & 3<sup>rd</sup> year one room. For renewal of affiliation / introduction of additional course(s) / variation of intake number of class room is to be increased/ enhanced proportionately.

- Administrative Area : Administrative Area of atleast 250 sq.m. (carpet area) is required where Principal's room, Strong room, Reception room, Administrative & Main Office, Maintenance & Estate Office etc. are to be located suitably.
- Staff Room (Faculty) : Adequate space (minimum 100 sq.m.) for comfortable sitting Arrangement of atleast 15 faculty members with sufficient computers & Printers along with internet facility.
- Toilet for Student : Adequate space (Gents & Ladies separate) in each floor
- Toilet for Staff : Adequate space (Gents & Ladies separate) in each floor.
- Common Rooms : Adequate space (Girls & Boys separate)
- Language Laboratory : 70sq.m. (Carpet area)
- Conference Room : 70 sq.m. (Carpet area).
- Library : 100 sq.m (carpet area) per 60 student subject to a maximum of 4300 sq.ft.
- Computer Laboratory : 2.5 sq.m. (carpet area) per student. Upto a minimum of 100 sq.m.

Desirable requirement :

- Hostel (Boys & Girls separate) : Arrangement for accommodation of boys and girls may be made in the Hostel. 100% Hostel accommodation for ladies is desirable for remote locations.

#### 2.4 Qualification, Experience and Pay Scale of Academic Staff Members :

- Teacher – Student Ratio : 1 : 25 (for UG); 1 : 15 (for PG)
- Faculty Cadre Ratio : 1 : 2 : 6 (Overall for Institute)
- Assistant Professor : First Class (55%) Master's Degree in the relevant branch of study is preferred. However, 55% marks in Master Degree in the relevant branch of study is permitted.
- Associate Professor : Ph.D. degree with the minimum 55% marks at Bachelor's or Master's level in the appropriate branch of study with 5 years experience in Teaching / Industry / Research at the level of Lecturer or equivalent.
- Professor : Ph.D. degree with the minimum 55% marks at Bachelor's or Master's level in the relevant branch of study with 10 years experience in Teaching / Industry / Research out of which 5 years must be at the level of Associate Professor and / or equivalent.



- Principal / Director : Qualification as for Professor above. Experience : Professor in the discipline of Management/Technology/Science with total experience of 15 (fifteen) years in the field of Teaching / Industry / Research / Administration.  
N.B. : Any relaxation of the minimum qualification of the above posts should be with prior permission / approval of the University.
- Selection of Faculty Members : For selection of Faculty Member in the College/Institute, MAKAUT, WB representative will have to be included in the Selection Committee positively. Selection Committee is required to be approved by the University.
- Technical Assistant : At least one Technical Assistant for each Laboratory.  
Qualification : 3 Years Diploma in relevant discipline or Bachelor Degree with knowledge in relevant discipline.
- Administrative Staff : Sufficient numbers of Administrative Staff are to be appointed for smooth functioning of the College which may include Registrar / Administrative Officer, Librarian, Library Assistant, Office Assistants, Store Keeper, Cashier and Accountant.
- Hostel Staff : Sufficient numbers of Hostel's Staff are to be appointed for smooth functioning of the College Hostel.
- Security Staff : Sufficient numbers of Security Staff are to be appointed for safety and security of the College & Hostel Campus.
- Sweeping Staff : Sufficient numbers of Sweeping Staff are to be appointed for cleanliness of the College & Hostel Campus.
- Maintenance Staff : Sufficient numbers of Maintenance Staff (Electrical, Plumbing) are to be appointed.  
Maximum age for holding the above posts shall be 65 years.

Scale of Pay : Pay Scale of the above posts should be as per state Govt./UGC/any Govt. College of the State.

- Qualifications of teaching faculty and support staff and their service conditions should be in conformity with the UGC/State Government/ University regulations formulated for the purpose.

2.5.Library : Library is preferred to be digital. All books & journals are to be accessioned before inspection for affiliation.

Minimum numbers of Books necessary per course

|                                |  |
|--------------------------------|--|
| No. of Titles :                | For each subject, 5 numbers of Titles. |
| No. of copies :                | Minimum 20 numbers on each Title.      |
| No. of National Journal :      | Minm. 5                                |
| No. of International Journal : | Minm. 1                                |
| No. of Periodicals :           | Minm. 4                                |
| News Papers / Magazines :      | Sufficient.                            |



2.6 Computer Laboratories :

For management/computer courses, Computer Terminal and Student ratio = 1 : 2

For other than management/courses, Computer Terminal and Student ratio = 1 : 4

Sufficient number of Printers with sharing facility (Networking)

Internet facilities for student : Adequate

Open source softwares preferred. Proprietary softwares should be licensed.

2.7 Other Laboratories :

All apparatus as required in strict conformity with the syllabus of MAKAUT, WB (available in University website <https://makautwb.ac.in>) in each relevant branch of study are to be installed in the Laboratories prior to the inspection for affiliation.

e.g. :

For B.Sc. in Hospitality and Hotel Administration course - Front Office Lab, Basic Kitchen Lab, Advanced Kitchen Lab, Bar Lab, Restaurant Lab, House Kitchen Lab etc. are to be ready at the time of inspection for affiliation.

For Media Science courses – Sufficient no. of Still Camera, Digital, Movie Camera, Editing software etc. are the basic requirement.

For B.Sc. in Nautical Science course – Jetty, Ship etc. facilities are compulsory.

2.8 Medical facilities : A medical room and Part-time Medical Officer are compulsory.

2.9 Canteen & Cafeteria : Adequate arrangement is to be made.

2.10 Student Amenities : Adequate arrangement is to be made.

2.11 Other essential requirements :



- Barrier – free Environment as per the PWD Act.
- Safety Provisions including fire and other calamities.
- Group Insurance to be provided for the employee.
- Adequate purified potable water supply in the campus.

2.12 Governing Body : To be constituted in strict compliance with the directives of MAKAUT, WB.

3. Procedural steps of affiliation :

**STEP 1** : An application expressing interalia of **Case A to F [Except Case D]** as applicable addressed to the Inspector of Colleges, Maulana Abul Kalam Azad University of Technology, West Bengal **along with the following documents (Case A, Case E and Case F only)** & also prescribed fees as stated under Clause 1.1 are to be submitted at the Office of the Inspector of Colleges, MAKAUT, WB in person by the Sponsoring Trust / Society / Company of the proposed College / existing Institution. For Case A to Case F (Except Case D) the applicants are required to mention the followings in tabular form in their application:

| New/additional courses to be introduced | Existing affiliated courses | Approved intake at present | Proposed New intake for affiliation for the academic year 2023-2024 |
|---|-----------------------------|----------------------------|---|
|   |                             |                            |   |



The said **application** under Case B and C will be received on and from **14.12.2022 to 01.02.2023** through email: [icdepartmentmakaut@gmail.com](mailto:icdepartmentmakaut@gmail.com) . Application under **Case A, E and F** will be received between 11.30 a.m. to 2 p.m. on all working days except Saturday, Sunday and Holidays **in Person** on and from **14.12.2022 to 01.03.2023**.

The documents as mentioned below under Sl. No. I to VI are not required to be submitted for Case B, Case C and Case D. However, the approval of the AICTE, the concerned Regulatory Authority as the case may be is required to be submitted along with application for Case B and Case C if Clause 1.2 (ii) is applicable.

The documents stated hereunder duly signed on each document by the Organising/Sponsoring Trust/Society/Company as the case may be affixing the seal are to be submitted in **book binding form (For Case A, Case E and Case F only)** as well as soft copy (in CD format).

- I. (a) Name of the organising body (Trust/Society/Company) of the Proposed College  
(b) Address for Communication mentioning Fax No.  
(c) Name and address of the Secretary / President of the Trust / Society / Company mentioning Mobile No.
- II. Self Authenticated Photocopy of  
(a) Registered Trust Deed / Society Registration Certificate /Company Registration Certificate – organising body of the Proposed College.  
(b)MOA for Society/Trust Deed/Company registered documents  
(c) Last annual Return for Society/Trust/Company
- III. Self Authenticated Photocopy of  
(a) Land Deed of the Proposed College  
(b) Land use certificate from the Competent Authority as designated by the Govt. of West Bengal,  
(c) Land conversion certificate from the competent authority as designated by the Govt. of W.B.,  
(d) Mutation Certificate / Porcha from the competent authority as designated by the Govt. of W.B.,  
(e) Government Pleader Certificate on marketable title of land and building,  
(f) Receipt of Tax Clearance from competent L & LR Department, Govt. of W.B. and Local Bodies (Municipal Authority/Zilla Parishad/Gram Panchayat as the case may be)
- IV. Self Authenticated Photocopy of  
(a) Building Plan of the Institute approved by Competent Authority along with Tax receipt pertaining to the remittance of the requisite fee,  
(b) Permission Order of Panchayat / Zilla Parishad / Municipality / Municipal Corporation / Development Authority / Notified Area Authority for starting construction/building to erect the College Building,
- V. Self Authenticated Photocopy of  
(a) NOC for fire safety issued by the competent authority,  
(b) The test report of water supply in the proposed College campus & the source of water supply.
- VI. **No Objection Certificate (NOC) of the Higher Education Department, Govt. of West Bengal as prescribed vide Gazette Notification No. 885-Edn. (CS)/OM-152L/2012 dated 17.09.2015 for Case A only.**



APPLICATION BEARING INSUFFICIENT DOCUMENT WILL SUMMARILY BE REJECTED & ENTIRE AMOUNT PAID THROUGH DEMAND DRAFT WILL BE FORFEITED.

**STEP 2 :**

The application along with documents (**for Case A, Case E and Case F**) as will be received by the Office of the Inspector of Colleges will be checked by the Legal Experts. The applicants whose documents will not be found satisfactory by the Legal Experts will be rejected and entire amount paid as application fee will not be refunded and **the same will be published in the MAKAUT, WB website (<https://makautwb.ac.in>) or individual communication will be made.**

Immediately after completion of scrutiny the list of applicants (Case A to Case F except Case D) whose proposals are prima facie found in order will be announced in the MAKAUT, WB website (<https://makautwb.ac.in>) /over telephone mentioning therein the date of inspection for spot physical verification/digital inspection by the Inspection Team of MAKAUT, WB. **No individual correspondence will be made.**

After knowing the date of inspection, the concerned applicant particularly **Case A** is required to pay the Inspection Fee in person at MAKAUT, WB well ahead of the date of inspection. After remittance of Inspection Fee the applicants under **Case A** are required to submit another application for inspection attaching the proof of deposit Inspection Fee and also the “**Self Assessment Report of the existing/proposed Non-AICTE College & INSPECTION REPORT**” [available in website <https://makautwb.ac.in>] stated under STEP 3 below at the Office of Inspector of Colleges in person **failing which Inspection will not be carried out.**

**STEP 3 :**

The existing/proposed New Non-AICTE institutions are required to fill-up two copies of “Self Assessment Report of the existing/proposed Non-AICTE College & INSPECTION REPORT” available in the University website (<https://makautwb.ac.in>) duly signed in all pages. Out of which **one copy is to be submitted to the office of the Inspector of Colleges and another copy of “Self Assessment Report of the existing/proposed Non-AICTE College & INSPECTION REPORT” will have to be handed over by the applicant Trust/Society/Company to the Inspection Team** who will visit the site for spot physical verification or the other mode as will be prescribed by the University.

If found satisfactory after inspection, the affiliation of the courses will be considered favourably. The name of eligible applicants **will be published in the MAKAUT, WB website (<https://makautwb.ac.in>) / informed through individual correspondence.** After knowing the name of the eligible applicant from the MAKAUT, WB website/individual correspondence whose case is being considered favourably for affiliation, the sponsoring Trust / Society/ Company





is required to pay the affiliation fee and also submit (A) **FDR documents** as stated under Clause 1.(x) and (B) **Affidavit** [Format of affidavit is available in the University website <https://makautwb.ac.in> and the same is to be executed in a Non-Judicial Stamp Paper of Rs. 100/- and the said affidavit is to be affirmed before the First Class Judicial Magistrate]. After receipt of the affiliation fees and FDR documents, Affiliation letter will be issued for that academic year. This affiliation shall be ordinarily accorded on a yearly basis.

If not found satisfactory after inspection, application will be treated as cancelled and the amount paid as Inspection Fee will not be refunded. **No individual correspondence will be made.**

The University reserves the right to relax any rule made above in the most deserving cases.

4. Introduction of Evening Shift (2<sup>nd</sup> Shift) in the existing Non-AICTE Colleges. [As per decision of the Executive Council (EC) dated 05.02.2018] read with Notification No. 2349/IC-186/2019 dated 07.03.2019.

4.1. Norms and conditions for running Evening Shift (2<sup>nd</sup> Shift) in the existing Non-AICTE Colleges.

- (i) The existing Non-AICTE College may run in two shifts in the present name of the existing college clearly mentioning Morning Shift – 1<sup>st</sup> Shift /Evening Shift – 2<sup>nd</sup> Shift. There must separate Principal/Director for each shift (Morning/Evening).
- (ii) The Evening Shift (2<sup>nd</sup> Shift) timing will be from 2:00 PM to 8:30 PM while the Morning Shift (1<sup>st</sup> Shift) from 7:00 AM to 1:30 PM.
- (iii) No additional land is required to be added.
- (iv) Built-up area: No additional built-up area is required to be added for the second shift if the courses of Morning Shift (1<sup>st</sup> Shift) only are run in the Evening Shift (2<sup>nd</sup> Shift). However, laboratories should be adequately equipped to accommodate the second shift students. If the courses of two shifts (Morning & Evening) differ, additional infrastructure for equipped Labs should be developed for the Morning Shift – 1<sup>st</sup> Shift / Evening Shift – 2<sup>nd</sup> Shift as the case may be. Side by side procurement of books for those courses should be made.
- (v) Library: Library should be provided with more books and journals coursewise (Morning Shift and Evening Shift) and library timing should be extended to facilitate Evening Shift (2<sup>nd</sup> Shift) students.
- (vi) Computer Centre: Adequate nos. of computer terminals with licensed software and printers as per course requirement are to be made available.
- (vii) Other Campus facilities: No additional facility is required to be added.
- (viii) Principal/Director's chamber for each shift (Morning & Evening) will be separate.
- (ix) Separate office of each shift (Morning – 1<sup>st</sup> Shift and Evening – 2<sup>nd</sup> Shift) should be made available.



- (x) Separate manpower [faculty and supporting staff for each shift (Morning Shift and Evening Shift)] should be made available as per Clause 2.4.
  - (xi) The total intake of the Morning Shift (1<sup>st</sup> Shift) of the existing Non-AICTE Colleges will be the maximum intake for the Evening Shift (2<sup>nd</sup> Shift).
- 4.2. Existing Non-AICTE Colleges interested to introduce the Evening shift (2<sup>nd</sup> shift) in their college may apply to the University by remitting the application fee per UG/PG course as prescribed under Clause 1.1 (i).

Following documents are to be attached with the application:

- (i) Name of courses along with respective intake applied for affiliation in the 2<sup>nd</sup> Shift (Evening Shift).
- (ii) Application for each shift (Morning/Evening) has to be made separately.

**The last date of submission of application for introduction of Evening Shift (2<sup>nd</sup> Shift) through email: icdepartmentmakaut@gmail.com is 01.02.2023.**

The applications submitted will be scrutinized and those proposals of 2<sup>nd</sup> Shift (Evening Shift) submitted by the Trust/Society/Company found in order are required to pay the inspection fee well ahead of inspection date which will be communicated by the University.

- 4.3. The existing Non-AICTE Institutions applied for 2<sup>nd</sup> Shift (Evening shift) is required to fill-up two copies of “Self Assessment Report of the existing/proposed Non-AICTE College & INSPECTION REPORT” available in the University website (<https://makautwb.ac.in>) duly signed in all pages. Out of which one copy is to be submitted to the office of the Inspector of Colleges and another copy of “Self Assessment Report of the existing/proposed Non-AICTE College & INSPECTION REPORT” will have to be handed over by the applicant Trust/Society/Company to the Inspection Team who will visit the site for spot physical verification. If found satisfactory after physical inspection, the affiliation of the courses will be considered favourably and the applicant Society/Trust/Company has to remit the affiliation fee. If not found satisfactory after physical inspection, application will be treated as cancelled and the amount paid as inspection fee will not be refunded.
5. Introduction of 3<sup>rd</sup> Shift (Blended Learning Mode) in the affiliated college of MAKAUT, WB (Policy adopted in the Academic Council of MAKAUT, WB in its meeting held on 03.06.2021. Communicated vide Notification No. 3.6/MAKAUT/Regis./3rdSht/2021 dated 03.06.2021 by the Registrar, MAKAUT, WB).



## I. Background & Perspective:

Change in the world is being observed constantly and those changes are influencing the various domains. Educational domain is not an exception to this. In order to meet up the requirement of such changes in educational domain the glimpse of Transformation of Education has been depicted in National Education Policy (NEP), 2020. Remarkably the student centric approach in flexible mode has been stressed upon in the NEP, 2020 to meet the challenges of such changes in the educational domain. Such student centric approach in flexible mode is required to be pursued rigorously and religiously by the Higher Education Institutions (HEIs) in order to achieve the goal of Education 4.0. The NEP, 2020 has highlighted the acceptability of many modes of learning including Face to Face Learning and Distance Learning or Virtual Mode. Blended teaching learning is a multimode approach now a days. It is not a mere mix of on line and face to face mode but this embraces a well-planned combination of meaningful activities in both modes focusing on learning outcomes and learner centred instructional environment. The outcomes of such blended learning are

- Time management and flexibility
- Desired level of flexible teaching and learning environment
- Widening opportunity for experimental learning
- Widening opportunity for collaboration at a distance
- Enhancement of teachers student interactions
- Active participation and engagement of students in learning
- Compliant for self and continuous learning and thereby lifelong learner is being encouraged

In the paradigm of educational transformation, the Academic Bank of Credit (ABC) has been given prime focus now a days. In line with the same, the UGC in its 547<sup>th</sup> meeting held on 29<sup>th</sup> May, 2020 discussed the blended mode of teaching. In the said meeting it was decided that Higher Education Institutions (HEIs) should be allowed to teach up to 40% of the syllabus of each course (other than SWAYAM course) through online mode and the remaining 60% of the syllabus of the concerned course could be conducted offline mode. The said decision had been communicated by the Secretary, UGC through a Public Notice vide D.O.No. I-9/2020(CPP-II) dated 20<sup>th</sup> May, 2021.

In this background and perspective, the policy of introduction of the 3<sup>rd</sup> shift (Blended Learning Mode) in the affiliated colleges is being accepted and adopted.



## II. Rationale:

All of us aware that there are many teaching methods and techniques. Perhaps, it will not be wrong to consider blended learning mode as the best of all in the world. That is the best because it helps all for the learning requirements and style through a variety of medium and techniques. In recent times many learning platforms across the globe have adopted blended learning mode.

## III. Application of Blended Learning Mode in the context of the MAKAUT, WB Affiliated Courses in the 3<sup>rd</sup> Shift:

After going through the syllabi of Non-AICTE courses (UG and PG both) of the University numbering one hundred (100) at present the following findings are made in Tabular Forms: Table-I (UG Course) and Table-II (PG Course) in terms of Maximum Credit distribution semester wise (LT-P):

**Table-I (UG Course)**

| Name of the course having maximum total credits allotted among the MAKAUT Syllabi of Non- AICTE courses (UG) | Total Credits in 6 semesters |    |       | Maximum total credit of practical allotted in semester |
|--|------------------------------|----|-------|--|
|  | L+T                          | P  | Total |  |
| B.Sc. (HHA)  | 139                          | 37 | 176   | 4 <sup>th</sup> semester -28                           |

**Credit distribution in B.Sc. (HHA) in 6 semester:**



| Name of course            | Semester | L  | T  | P  | Total |
|---------------------------|----------|----|----|----|-------|
| B.Sc. (HHA)<br>(Non CBCS) | Sem 1    | 17 | 12 | 1  | 30    |
|                           | Sem 2    | 16 | 13 | 1  | 30    |
|                           | Sem 3    | 14 | 13 | 1  | 28    |
|                           | Sem 4    | 0  | 0  | 28 | 28    |
|                           | Sem 5    | 14 | 13 | 3  | 30    |
|                           | Sem 6    | 11 | 16 | 3  | 30    |
|                           |          |    | 72 | 67 | 37    |

**Table-II (PG Course)**

| Name of the course having maximum total credits allotted among the MAKAUT Syllabi of Non- AICTE courses (PG) | Total Credit in 6 semesters |    |       | Maximum total credit allotted in semester |
|--|-----------------------------|----|-------|---|
|  | L+T                         | P  | Total |   |
| M.Sc. (Media Science)  | 80                          | 66 | 146   | 4 <sup>th</sup> sem -24                   |

**Credit distribution in M.Sc. (Media Science) in 4 semester**

| Name of course | Semester | L | T | P | Total |
|----------------|----------|---|---|---|-------|
|----------------|----------|---|---|---|-------|



|                                 |       |    |    |    |     |
|---------------------------------|-------|----|----|----|-----|
| M.Sc. (Media Sc.)<br>(Non CBCS) | Sem 1 | 24 | 6  | 12 | 42  |
|                                 | Sem 2 | 20 | 5  | 16 | 41  |
|                                 | Sem 3 | 16 | 4  | 14 | 34  |
|                                 | Sem 4 | 4  | 1  | 24 | 29  |
|                                 |       |    |    |    |     |
|                                 |       |    |    |    |     |
|                                 |       | 64 | 16 | 66 | 146 |

At present 1<sup>st</sup> shift and 2<sup>nd</sup> shift are running in the affiliated colleges as per timing format given below:

1<sup>st</sup> Shift 7:00 am to 1:30 pm (Monday to Friday) weekly including recess  
2<sup>nd</sup> Shift :2 pm to 8.30 pm (Monday to Friday) weekly including recess

Total Teaching Learning Hrs. weekly: 32 hrs. 30 min (1<sup>st</sup> shift and 2<sup>nd</sup> Shift each)

The under mentioned timing format for the 3<sup>rd</sup> shift in the affiliated colleges is being accepted:

3<sup>rd</sup> Shift: 6:00 pm to 9:00 pm (Monday to Friday) weekly and

9:00 am to 6:00 pm (Saturday and Sunday) weekly

Total Teaching Learning Hrs. weekly: 33 hrs. (3<sup>rd</sup> Shift) including recess.

It appears from the abovementioned facts that the total teaching learning hrs. of the 3<sup>rd</sup> shift is almost same like 1st Shift and 2<sup>nd</sup> Shift.

Question will arise regarding the overlapping of the teaching learning time from 6 pm to 8.30 pm (Monday to Friday) of 2<sup>nd</sup> shift with this 3<sup>rd</sup> Shift. Keeping in view the said overlapping time between 2<sup>nd</sup> shift and this 3<sup>rd</sup> Shift (Blended Learning Mode) may be conducted (online digital platform) in this 3<sup>rd</sup> shift time slots in strict compliance with the directives as laid down in the letter of the Secretary, UGC vide D.O.No. I-9/2020(CPP-II) dated 20<sup>th</sup> May, 2021. Keeping in view the said letter dated 20<sup>th</sup> May, 2021 of the UGC, following findings may be made from Table I & Table II which is depicted below in Table III (UG Course) Table IV (PG Course)

**Table-III (UG Course)**

| Course    | Total Credit | 40% Online | 60% off Line |
|-----------|--------------|------------|--------------|
| BSc-(HHA) | 176          | 70         | 106          |

**Table – IV (PG Course)**



| Course            | Total Credit | 40% Online | 60% off Line |
|-------------------|--------------|------------|--------------|
| M.Sc. (Media Sc.) | 146          | 58         | 88           |

It appears from Table I that the maximum Credit of 28 in 4<sup>th</sup> semester (Practical) of B.Sc. (HHA) course has been allotted. The said maximum Credit of practical may be conducted in Saturday and Sunday [weekly 18 hrs. (9+9)] as 18 weeks time period is available in each semester for teaching learning process. It is needless to mention that said time period is sufficient to meet up the maximum practical credit requirement of the said UG course.

So, it transpires from the aforesaid facts that practical classes may be conducted in the week end (Saturday and Sunday) in addition to theory classes as per credit requirement allotted in the L T P mode of the respective syllabus of UG course. Remaining theory classes of the respective syllabus of UG course may be conducted, from Monday to Friday (6 pm to 9 pm) weekly in Blended Learning Mode.

It appears from Table II that the maximum Credit of 24 in 4<sup>th</sup> Semester (practical) of M.Sc. ( Media Science ) course has been allotted . The said maximum Credit of practical may be conducted in Saturday and Sunday [weekly 18 hrs. (9+9)] as 18 weeks time period is available in each semester for teaching learning process is available in each semester . It is needless to mention that said time period is sufficient to meet up the maximum practical credit requirement of the said PG course.

So, it transpires from the aforesaid facts that practical classes may be conducted in the week end (Saturday and Sunday) in addition to theory classes as per credit requirement allotted in the L T P mode of the respective syllabus of PG course. Remaining theory classes of the respective syllabus of PG course may be conducted, from Monday to Friday (6 pm to 9 pm) weekly in Blended Learning Mode.

In a nut shell, the 3<sup>rd</sup> shift practical classes will be conducted in the week end (Saturday and Sunday) as per credit requirement of the respective syllabus in addition to the theoretical classes in the college campus (off line mode) for all UG and PG courses. The theoretical classes as per credit requirement of the syllabus will be conducted online by using the digital platform after taking teaching assistance from Academic Luminaries of National and International Institute of repute from Monday to Friday (6 pm to 9 pm) weekly for all UG and PG courses.

#### **IV. Eligibility criteria for submitting application for the 3<sup>rd</sup> shift (Blended Learning Mode):**

- (i) Application for 2<sup>nd</sup> shift may be submitted after successful conduction of MAKAUT, WB affiliated courses for consecutive five (05) academic years.
- (ii) Application for the 3<sup>rd</sup> shift may be submitted after successful conduction of 2<sup>nd</sup> shift MAKAUT, WB affiliated courses for consecutive two (02) academic years.



**V (A). Terms and conditions for running the 3<sup>rd</sup> Shift (Blended Learning Mode) in the existing Non-AICTE Colleges:**

- (i) The existing Non-AICTE College may run the 3<sup>rd</sup> Shift as per criteria laid down under clause 4 in the present name of the existing college clearly mentioning Morning Shift – 1<sup>st</sup> Shift /Evening Shift – 2<sup>nd</sup> Shift/ 3<sup>rd</sup> shift (Blended Learning Mode). There must separate Principal/Director for each shift (1<sup>st</sup> shift- Morning/ 2<sup>nd</sup> shift Evening / 3<sup>rd</sup> shift Blended Learning Mode).
- (ii) No additional land is required to be added as the 3<sup>rd</sup> shift (Blended Learning Mode) will be run in the existing infrastructure of the college.
- (iii) Built-up area: No additional built-up area is required to be added for the 3<sup>rd</sup> shift (Blended Learning Mode) if the courses of Morning Shift (1<sup>st</sup> Shift) and Evening Shift (2<sup>nd</sup> Shift) are run only in the 3<sup>rd</sup> shift (Blended Learning Mode). However, laboratories should be adequately equipped to accommodate the 3<sup>rd</sup> shift students. If the courses of three shifts (1<sup>st</sup> shift -Morning, 2<sup>nd</sup> shift Evening and the 3<sup>rd</sup> shift Blended Learning Mode) differ, additional infrastructure for equipped Labs should be developed for the respective shift (Morning Shift – 1<sup>st</sup> Shift / Evening Shift – 2<sup>nd</sup> Shift/3<sup>rd</sup> shift in Blended Learning Mode, as the case may be). Side by side, procurement of books for those courses should be made available.
- (iv) Library: Library should be provided with more books and Journals course wise (Morning Shift – 1<sup>st</sup> shift, Evening Shift 2<sup>nd</sup> shift and 3<sup>rd</sup> shift – Blended Learning Mode) and library timing should be extended to facilitate all students of three (03) shifts.
- (v) Computer Centre: Adequate nos. of computer terminals with licensed software and printers as per course requirement are to be made available in each shift.
- (vi) Learning Management System (LMS) are required to be used for all students of 3 shifts.
- (vii) Other Campus facilities: No additional facility is required to be added.
- (viii) Principal/Director's chamber for each shift (1<sup>st</sup> shift Morning, 2<sup>nd</sup> shift Evening & 3<sup>rd</sup> shift Blended Learning Mode) will be separate.
- (ix) Separate office: (1<sup>st</sup> shift Morning, 2<sup>nd</sup> shift Evening & 3<sup>rd</sup> shift Blended Learning Mode) separate office of each shift should be made available.





(x) Separate manpower (faculty and supporting staff for each shift) should be made available as per provision (1<sup>st</sup> shift Morning, 2<sup>nd</sup> shift Evening & 3<sup>rd</sup> shift Blended Learning Mode) laid down under “Clause 2.4” of the information brochure on Guidelines of Non-AICTE courses of MAKAUT WB. However, faculty ratio in the 3<sup>rd</sup> shift may be maintained in the following manner :

Teacher: Student = 1:25

Out of which 40% of the teacher will be appointed as Adjunct Professor for teaching learning on online mode. Remaining 60% will be the regular permanent faculty.

(xi) Examination of the 3<sup>rd</sup> shift will be held in the offline mode like 1<sup>st</sup> shift and 2<sup>nd</sup> shift.

V (B). After fulfilment of the eligibility criteria of as laid down under Clause 4, of the existing Non-AICTE Colleges interested to introduce the 3<sup>rd</sup> shift (Blended Learning Mode) in their college may apply to the University by remitting the application fee per UG/PG course as prescribed under “Clause 1.1 (i)” of the Information Brochure Guideline on Non-AICTE courses , MAKAUT, WB.

Following documents are to be attached with the application:

- (i) Name of courses along with respective intake applied for affiliation in the 3<sup>rd</sup> shift Blended Learning Mode.
- (ii) Application for each shift (Morning 1<sup>st</sup> shift/ Evening -2<sup>nd</sup> shift/ 3<sup>rd</sup> shift Blended Learning Mode) has to be made separately.

## VI. Conclusion:

Outcomes of the introduction of 3<sup>rd</sup> shift (Blended Learning Mode) in the affiliated college of MAKAUT, WB are enumerated below:

- The financial growth across the globe has been retarded due to Covid-19 Pandemic. Unemployment, under employment and Retrenchment in various organisations have become the common phenomenon in the present day scenario. So, the concept ‘Earn while you learn’ may be encouraged by introduction of the 3<sup>rd</sup> shift. Employed people, under employed people and students doing job in the day time in various organisations will get the benefit of education in the 3<sup>rd</sup> shift introduction. The net outcome of this is Higher GER.
- By introduction of 3<sup>rd</sup> shift lifelong learner issue will be encouraged.
- It will widen the scope of our affiliated college to involve the academic luminaries attached with the National and International Institution of repute in the teaching learning process.



- It will widen the opportunity before the affiliated colleges to make academic collaboration with the National and International Institute of repute.
  - Finally, it will help our affiliated institution to strive to be a model Institute to demonstrate a successful implementation of blended learning mode in the higher education of our country.
- 6.1. Existing Non-AICTE Colleges interested to introduce the 3<sup>rd</sup> Shift (Blended Learning Mode) in their college may apply to the University by remitting the application fee per UG/PG course as prescribed under Clause 1.1 (i).

Following documents are to be attached with the application:

- (i) Name of courses along with respective intake applied for affiliation in the 3<sup>rd</sup> Shift (Blended Learning Mode).
- (ii) Application for each shift [Morning/Evening/3<sup>rd</sup> Shift (Blended Learning Mode)] has to be made separately.

**The last date of submission of application for introduction of 3<sup>rd</sup> Shift (Blended Learning Mode) through email: icdepartmentmakaut@gmail.com is 07.02.2022.**

The applications submitted will be scrutinized and those proposals of 3<sup>rd</sup> Shift (Blended Learning Mode) submitted by the Trust/Society/Company found in order are required to pay the inspection fee well ahead of inspection date which will be communicated by the University.

- 6.2. The existing Non-AICTE Institutions applied for 3<sup>rd</sup> Shift (Blended Learning Mode) is required to fill-up two copies of “Self Assessment Report of the existing/proposed Non-AICTE College & INSPECTION REPORT” available in the University website (<https://makautwb.ac.in>) duly signed in all pages. Out of which one copy is to be submitted to the office of the Inspector of Colleges and another copy of “Self Assessment Report of the existing/proposed Non-AICTE College & INSPECTION REPORT” will have to be handed over by the applicant Trust/Society/Company to the Inspection Team who will visit the site for spot physical verification. If found satisfactory after physical inspection, the affiliation of the courses will be considered favourably and the applicant Society/Trust/Company has to remit the affiliation fee. If not found satisfactory after physical inspection, application will be treated as cancelled and the amount paid as inspection fee will not be refunded.
7. Introduction of supernumerary seats over and above the affiliated intake per course in the Non-AICTE colleges (*1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> Shift as applicable*) in the respective college.



Supernumerary seats in the Non-AICTE courses running in the affiliated colleges has been introduced on account of the reasons stated hereunder:

- (i) Students dropped out after closing of admission in each academic session.
- (ii) Admission of Foreign Nationals/Overseas Citizen of India (OCI)/Persons of Indian Origin (PIO)/Children of Indian workers in Gulf Countries and Sons/Daughters of Non resident Indian(s).

All Non-AICTE colleges affiliated to this University is permitted to take admission upto twenty percent (20%) over and above the affiliating intake per Non-AICTE course, under the abovementioned categories (i) and (ii). For admission under category (ii) stated above, the extant rules will strictly be followed by the colleges. For introduction of such supernumerary seats colleges are required to pay Rs. **25,000/-** per Non-AICTE course as affiliation related fee. During registration process of students under the said supernumerary seats the concerned college has to produce the receipt of remittance of such fee to the Registrar, MAKAUT, WB. The said supernumerary seats will be in vogue year after year until further Notification/Order and till such time no separate Notification/Order will be issued in each Academic Year for the purpose of this supernumerary seats.



**Self Assessment Report of the existing/proposed Non-AICTE College & INSPECTION REPORT (SAR & IR) for**

- [CASE – A] Establishment of new Non-AICTE College / Institute
- [CASE – B] Introduction of additional course(s) in the existing Non-AICTE College / Institute
- [CASE – C] Variation in Intake in the existing Non-AICTE course(s)
- [CASE – D] Extension (Renewal) of Affiliation in the existing Non-AICTE Institution / College
- [CASE – E] Shifting of College-building of the existing Institution to the new premises
- [CASE – F] Conversion of name and style of the existing Institution

[ Please give tick-mark(s) in the above appropriate box(es) by the College ]

**N.B. Separate SAR & IR has to be filled for the General Shift/Morning Shift (1<sup>st</sup> Shift)/Evening Shift (2<sup>nd</sup> Shift)/3<sup>rd</sup> Shift (Blended Learning Mode) as the case may be by the respective Principal.**

Date of Inspection :

1.(a). Name of the COLLEGE [ To be filled by the College ] :

1.(b). Proposed COLLEGE NAME (for CASE A and F only) :

[ To be filled by the College and accordingly resolution of the Governing Body and Trust/Society/Company are to be attached ]

1.(c). Address of the College [ To be filled by the College and accordingly resolution of the Governing Body and Trust/Society/Company and other relevant documents are to be attached ] :

|  |  |
|--|--|
| Temporary Address of the Existing College<br>(for CASE E only) | <b>Permanent Address where the College is situated or<br/>Permanent Address where the College to be shifted / established (for CASE A, B, C, D, E and F)</b> |
|  |  |

|   |  |   |
|---|--|---|
|   |  |   |
| Signature of the Principal / Director with Seal | Signature with Seal of the Secretary / Chairman / Trustee of the College sponsoring Trust / Society / Company. | Signature of the Experts of the Inspection Team |



2(a). COLLEGE CODE (**except CASE A only**) [To be filled by the College] :

2.(b) Whether inspection held in the last Academic Year (2021-22). If yes, please enclose the copy of the Summary of Inspection Report (Not applicable for Case A).

### 3. MAKAUT, WB Norms for Course / Intake – Non-AICTE Institute

- Introduction of additional courses will be according to the following principle

| Phase of Period      | Course(s)                                   | Intake                      |
|----------------------|---|-----------------------------|
| 1 <sup>st</sup> Year | At most four UG course(s) may be sanctioned | Maximum 240 intake in total |
| 2 <sup>nd</sup> Year | - do -                                      | - do -                      |
| 3 <sup>rd</sup> Year | - do -                                      | - do -                      |

The Institution will be evaluated after three years with respect to the following parameters viz. Admission, result, placement and service condition.

If the results are satisfactory, then permission may be granted for additional intake.

- During renewal of affiliation of existing Institution, the affidavit submitted to the MAKAUT, WB must include the pay scale and service conditions of the teaching and other staff.
- AICTE and Non-AICTE Colleges cannot exist together at any point of time.



3(a). Intake position of the College year-wise and course-wise :

***[N = Present Academic Year (AY) when the Institute is filling this format e.g. 2022-2023, N-1 = (2021-2022), N-2 = (2020-2021) and N+1 = (2023-2024)]***

[ To be filled by the College ]

| Existing affiliated Non-AICTE Course(s) [UG / PG] and / or Proposed Non-AICTE Course(s) [UG / PG] | Approved Intake (For B.OPTM only) academic year (N-2)  | Approved Intake academic year (N-1)             | Approved Intake Present academic year = N e.g. 2022-2023 | Proposed Intake for academic year (N+1) | Total Intake (Course/Branch-wise) |
|---|--|---|--|---|-----------------------------------|
|   |  |   |  |   |                                   |
| Total Intake (Year-wise)  |  |   |  |   |                                   |
| Grand Total Intake  |  |   |  |   |                                   |
| Signature of the Principal / Director with Seal   | Signature with Seal of the Chairman / Secretary / Trustee of the College sponsoring Trust / Society / Company. |   |  |   |                                   |
|   |  | Signature of the Experts of the Inspection Team |  |   |                                   |



3.(b) For Case B and C [ To be filled by the College ] (N = Present Academic Year (AY) when the Institute is filling this format e.g. 2022-2023)

| MAKAUT, WB approved<br>Non-AICTE<br>Course(s) | Approved<br>Intake<br>[Course-wise]<br>N | Actual<br>Admitted<br>[Course-wise]<br>N | Percentage (%) of<br>intake admitted<br>Course-wise<br>N | Approved<br>Intake<br>[Course-wise]<br>N-1 | Actual<br>Admitted<br>[Course-wise]<br>N-1 | Percentage (%) of<br>intake admitted<br>[Course-wise]<br>N-1 | Approved<br>Intake<br>[Course-wise]<br>N-2 | Actual<br>Admitted<br>[Course-wise]<br>N-2 | Percentage (%) of<br>intake admitted<br>[Course-wise]<br>N-2 |
|---|--|--|--|--|--|--|--|--|--|
|   |  |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |
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|---|--|---|
| <b>Observations of the Inspection Team taking into account the aforesaid data</b> |  |   |
|   |  |   |
| Signature of the Principal / Director with Seal                                   | Signature with Seal of the Chairman / Secretary / Trustee of the College sponsoring Trust / Society / Company. | Signature of the Experts of the Inspection Team |



**3.(c) For Case B and C**

| Result of the passed-out in last 3 years [ To be filled by the College ] |                            |   |  |   | Observations of the Inspection Team<br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |              |
|--|----------------------------|---|--|---|---|--------------|
| Period<br>(Academic<br>Yearwise &<br>Coursewise)                         | No. of student<br>appeared | No. of passed-out<br>student with DGPA 8.5<br>onwards | No. of passed-out<br>student with<br>DGPA 7 to 8.5 | No. of passed-out<br>student with<br>DGPA below 7 | O.K.  | Deficiencies |
|  |                            |   |  |   |   |              |
|  |                            |   |  |   |   |              |
|  |                            |   |  |   |   |              |

|   |   |   |
|---|---|---|
| Signature of the Principal / Director with Seal | Signature with Seal of the Chairman / Secretary / Trustee<br>of the College sponsoring Trust / Society / Company. |   |
|   |   | Signature of the Experts of the Inspection Team |





**3.(d) For Case B and C**

| Placement of the passed-out in last 3 years [ To be filled by the College ] |                              |  |   | Observations of the Inspection Team<br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |              |
|---|------------------------------|--|---|---|--------------|
| Period<br>(Academic<br>Yearwise &<br>Coursewise)                            | No. of Passed-out<br>student | No. of passed-out<br>student provided<br>placement | Name of organisation/institution<br>where the passed-out student were<br>placed | O.K.  | Deficiencies |
|   |                              |  |   |   |              |
|   |                              |  |   |   |              |
|   |                              |  |   |   |              |

|   |   |   |
|---|---|---|
| Signature of the Principal / Director with Seal | Signature with Seal of the Chairman / Secretary / Trustee<br>of the College sponsoring Trust / Society / Company. |   |
|   |   | Signature of the Experts of the Inspection Team |



**3.(e) For Case B and C**

| <b>Service Conditions of the employee attached to the Institute</b><br>[ To be filled by the College ] (Scale of Paly, P.F., Leave Rules etc.) |   | <b>Observations of the Inspection Team</b><br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |              |
|--|---|--|--------------|
|  |   | O.K  | Deficiencies |
| Signature of the Principal / Director with Seal  | Signature with Seal of the Chairman / Secretary / Trustee<br>of the College sponsoring Trust / Society / Company. | Signature of the Experts of the Inspection Team  |              |



**4. MAKAUT, WB Norms for Land Area Requirement (Infrastructure) – Non-AICTE Institute**

- Land for College Building must be owned in the name of the College sponsoring Trust / Society / Company.
- The College sponsoring Trust / Society / Company has to adopt the resolution expressing interalia to earmarked the land and building for conducting the (Non-AICTE) MAKAUT, WB courses. In no circumstances the same will not be utilised for any other kind of activities, like affiliation with other Universities, Distance Education Centre of other University, other charitable / commercial purposes etc.
- For Kolkata Municipal Corporation Area : - Minimum 10 Cottahs.
- For District Town / Sub-Divisional Town / Municipality Area / Municipal Corporation (except Kolkata Municipal Corporation) Area :- Minimum 15 Cottahs
- For Rural (Panchayet) Area :- Minimum 30 Cottahs

**4.(a) Availability of Land Area (for Non-AICTE course) taking into account the aforesaid MAKAUT, WB norms :**

| Particulars  | MAKAUT, WB requirement<br>[ To be filled by the College ]  | Available<br>[ To be filled by the College ] | Observations of the Inspection Team<br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |              |
|--|--|--|---|--------------|
|  |  |  | O.K.  | Deficiencies |
| Whether the Institution is operating at a temporary location ? (Yes / No)  |  |  |   |              |
| Whether the Institution will operate / is operating in the permanent premises of the organising Trust / Society / Company ? (Yes / No)<br>If Yes, what is the area of the land ? |  |  |   |              |
| In which year the College will be shifted to the own premises by the organizing Trust / Society / Company ?<br><br>(only for the College operating in Temporary location)        |  |  |   |              |
| Whether the Institution is running both AICTE and Non-AICTE courses ? (Yes / No)   |  |  |   |              |
| Whether the Institution is running both AICTE and Non-AICTE courses in the same premises ? (Yes / No)  |  |  |   |              |
| Signature of the Principal / Director with Seal  | Signature with Seal of the Chairman / Secretary / Trustee of the College sponsoring Trust / Society / Company. |  | Signature of the Experts of the Inspection Team   |              |



##### 5. MAKAUT, WB Norms for Built-up Area Requirement (Infrastructure) – Non-AICTE Institute

- Built up area per student : 10 SQM
- Class Room Area : For each Non-AICTE course(s) built-up area of atleast 1.0 SQM (carpet area) per student taking into account of the approved/proposed intake
- No. of Class Room : For 2 Years Degree Course – 2, 3 Years Degree Course – 3, 4 Years Degree Course – 4
- Administrative Area : Atleast 250 Sq.m
- No. of Administrative Room : Principal's Room, Strong Room, Reception Room, Administrative & Main Office, Maintenance & Estate Office etc
- Staff Room (Faculty) : Adequate space (minimum 100 Sq.m.) for comfortable sitting arrangement of atleast 15 faculty members with sufficient Computers & Printers along with internet facility.
- Computer Laboratory : 2.5 Sq.m. (carpet area) per student. Upto a minmum of 100 Sq.m.
- Library : 100 Sq.m. (carpet area) per 60 student to a maximum of 4300 Sq.ft.
- Language Laboratory : 70 Sq.m. (Carpet area)
- Conference Room : 70 Sq.m. (Carpet area)
- Common Room : Adequate space (Girls & Boys separate)
- Toilet for Staff : Adequate space (Girls & Boys separate) in each floor
- Toilet for Student : Adequate space (Girls & Boys separate) in each floor
- Hostel (Boys & Girls separate) : Arrangement for accommodation of boys and girls may be made in the Hostel. 100% Hostel accommodation for ladies is desirable for remote locations.





|                            |  |  |  |  |
|----------------------------|--|--|--|--|
| <b>Library</b>             |  |  |  |  |
| <b>Language Laboratory</b> |  |  |  |  |
| <b>Conference Room</b>     |  |  |  |  |
| <b>Toilet for Student</b>  |  |  |  |  |
| <b>Toilet for Staff</b>    |  |  |  |  |
| <b>Boys Hostel</b>         |  |  |  |  |
| <b>Girls Hostel</b>        |  |  |  |  |

#### 6. MAKAUT, WB Norms for Faculty & Academic Staff requirements and Cadre Ratio for Non-AICTE Institute

1. Teacher – Student Ratio = 1 : 25 (for UG) & 1: 15 (for PG)
2. Eligibility for Assistant Professor (new designation of Lecturer) : - First Class Master's Degree in the relevant branch of study.
3. Eligibility for Associate Professor (new designation of Reader) : - Ph.D degree with the first class at Bachelor's or Master's level in the appropriate branch of study with 2 years experience in Teaching / Industry / Research at the level of Assistant Professor (new designation of Lecturer) or equivalent.
4. Eligibility for Professor : - Ph.D degree with the first class at Bachelor's or Master's level in the appropriate branch of study with 10 years experience in Teaching / Industry / Research out of which 5 years must be at the level of Assistant Professor (new designation of Lecturer) and / or equivalent.
5. Eligibility for Principal/Director : - Qualification as for Professor above. Experience : Professor in the discipline of Management / Technology / Science with total experience of 15 (fifteen) years in the field of Teaching / Industry / Research / Administration.
6. Eligibility for Technical Assistant : - 3 Years Diploma in relevant discipline or Bachelor Degree with Knowledge in relevant discipline.
7. Administrative Staff :- Sufficient number of Administrative Staff to be appointed for smooth functioning of the College which may include Registrar / Administrative Officer , Librarian, Library Assistant, Office Assistants, Store Keeper, Cashier and Accountant.
8. Hostel Staff : Sufficient number of Hostel's to be appointed for smooth functioning of the College Hostel.
9. Security Staff :- Sufficient number of Security Staff to be appointed for safety and security of the College & Hostel Campus.
10. Sweeping Staff :-Sufficient number of Sweeping Staff to be appointed for cleanliness of the of the College & Hostel Campus.
11. Maintenance Staff :- Sufficient number of Maintenance Staff (Electrical, Plumbing) to be appointed.
12. Maximum age for holding the above posts shall be 65 years.

|   |  |   |
|---|--|---|
|   |  |   |
| Signature of the Principal / Director with Seal | Signature with Seal of the Chairman / Secretary / Trustee of the College sponsoring Trust / Society / Company. | Signature of the Members of the Inspection Team |



**6.(a) Availability of Faculty taking into account the existing MAKAUT, WB norms :**

| Particulars  | MAKAUT, WB requirement<br>[ To be filled by the College ] | Available<br>[ To be filled by the College ] | Observations of the Inspection Team<br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |              |
|--|---|--|---|--------------|
|  |   |  | O.K.  | Deficiencies |
| Faculty : Student (for UG)<br>Faculty : Student (for PG) |   |  |   |              |

**6.(b) Availability of Faculty (Principal / Director) taking into account the aforesaid MAKAUT, WB norms :**

FORMAT REGARDING **PRINCIPAL / DIRECTOR** (APPOINTED ON PERMANENT BASIS IN ACCORDANCE WITH THE AFORESAID MAKAUT, WB NORMS)

| Name of the Principal / Director                | Date of Birth | Date of Joining | Qualification mentioning the year of passing, branches / specialization and University                         |    |     | Experience in different Organizations | Total years of experience                       | Observations of the Inspection Team<br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |              |
|---|---------------|-----------------|--|----|-----|---------------------------------------|---|---|--------------|
|   |               |                 | UG   | PG | PhD |                                       |   | O.K.  | Deficiencies |
|   |               |                 |  |    |     |                                       |   |   |              |
| Signature of the Principal / Director with Seal |               |                 | Signature with Seal of the Chairman / Secretary / Trustee of the College sponsoring Trust / Society / Company. |    |     |                                       | Signature of the Members of the Inspection Team |   |              |



**6.(c) Availability of Faculty (Professor) taking into account the aforesaid MAKAUT, WB norms :**

| Professor(s) (Course-wise)                      | MAKAUT, WB requirement<br>[ To be filled by the College ]   | Available<br>[ To be filled by the College ] | Observations of the Inspection Team<br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |              |
|---|---|--|---|--------------|
|   |   |  | O.K.  | Deficiencies |
| e.g. : BBA                                      | _____ numbers   | _____ numbers                                |   |              |
| BCA   | _____ numbers   | _____ numbers                                |   |              |
| -----   | _____ numbers   | _____ numbers                                |   |              |
| -----   | _____ numbers   | _____ numbers                                |   |              |
| -----   | _____ numbers   | _____ numbers                                |   |              |
|   | _____ numbers   | _____ numbers                                |   |              |
|   | _____ numbers   | _____ numbers                                |   |              |
|   | _____ numbers   | _____ numbers                                |   |              |
|   | _____ numbers   | _____ numbers                                |   |              |
|   | _____ numbers   | _____ numbers                                |   |              |
| Signature of the Principal / Director with Seal | Signature with Seal of the Chairman / Secretary / Trustee of the College<br>sponsoring Trust / Society / Company. |  | Signature of the Experts of the Inspection Team   |              |





**6.(d) Availability of Faculty (Professor) taking into account the aforesaid MAKAUT, WB norms :**

**FORMAT REGARDING PROFESSOR(S) (APPOINTED ON PERMANENT BASIS IN ACCORDANCE WITH THE AFORESAID MAKAUT, WB NORMS)**

| Name of the Professor(s)<br>(Course-wise) | Date of Birth | Date of Joining | Qualification mentioning the year of passing, branches / specialization and University |    |     | Experience in different Organizations | Total years of experience | Observations of the Inspection Team<br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |              |
|---|---------------|-----------------|--|----|-----|---------------------------------------|---------------------------|---|--------------|
|   |               |                 | UG   | PG | PhD |                                       |                           | O.K.  | Deficiencies |
|   |               |                 |  |    |     |                                       |                           |   |              |

Please multiply this page and attach for submission of exhaustive list.

|   |   |   |
|---|---|---|
| Signature of the Principal / Director with Seal | Signature with Seal of the Chairman / Secretary / Trustee / Director of the College sponsoring Trust / Society / Company. |   |
|   |   | Signature of the Experts of the Inspection Team |





**6.(f) Availability of Faculty (Associate Professor) taking into account the aforesaid MAKAUT, WB norms :**

**FORMAT REGARDING ASSOCIATE PROFESSOR(S) (APPOINTED ON PERMANENT BASIS IN ACCORDANCE WITH THE AFORESAID MAKAUT, WB NORMS)**

| Name of the Associate Professor(s)<br>(Course-wise) | Date of Birth | Date of Joining | Qualification mentioning the year of passing, branches / specialization and University |    |     | Experience in different Organizations | Total years of experience | Observations of the Inspection Team<br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |              |
|---|---------------|-----------------|--|----|-----|---------------------------------------|---------------------------|---|--------------|
|   |               |                 | UG   | PG | PhD |                                       |                           | O.K.  | Deficiencies |
|   |               |                 |  |    |     |                                       |                           |   |              |

Please multiply this page and attach for submission of exhaustive list.

|   |   |   |
|---|---|---|
| Signature of the Principal / Director with Seal | Signature with Seal of the Chairman / Secretary / Trustee / Director of the College sponsoring Trust / Society / Company. |   |
|   |   | Signature of the Experts of the Inspection Team |



**6.(g) Availability of Faculty (Assistant Professor) taking into account the aforesaid MAKAUT, WB norms :**

| No. of Assistant Professor(s) (Course-wise)                  | MAKAUT, WB requirement<br>[ To be filled by the College ]  | Available<br>[ To be filled by the College ]  | Observations of the Inspection Team<br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |              |
|--|--|---|---|--------------|
|  |  |   | O.K.  | Deficiencies |
| e.g. : BBA<br><br>BCA<br><br>-----<br><br>-----<br><br>----- | _____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers | _____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers<br><br>_____ numbers |   |              |
| Signature of the Principal / Director with Seal              | Signature with Seal of the Chairman / Secretary / Trustee / Director of the College sponsoring Trust / Society / Company.  | Signature of the Experts of the Inspection Team   |   |              |



**6.(h) Availability of Faculty (Assistant Professor) taking into account the aforesaid MAKAUT, WB norms :**  
**FORMAT REGARDING ASSISTANT PROFESSOR(S) (APPOINTED ON PERMANENT BASIS IN ACCORDANCE WITH THE AFORESAID MAKAUT, WB NORMS)**

| Name of the Assistant Professor(s)<br>(Course-wise) | Date of Birth | Date of Joining | Qualification mentioning the year of passing, branches / specialization and University |    |     | Experience in different Organizations | Total years of experience | Observations of the Inspection Team<br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |              |
|---|---------------|-----------------|--|----|-----|---------------------------------------|---------------------------|---|--------------|
|   |               |                 | UG   | PG | PhD |                                       |                           | O.K.  | Deficiencies |
|   |               |                 |  |    |     |                                       |                           |   |              |

Please multiply this page and attach for submission of exhaustive list

|   |   |   |
|---|---|---|
| Signature of the Principal / Director with Seal | Signature with Seal of the Chairman / Secretary / Trustee / Director of the College sponsoring Trust / Society / Company. |   |
|   |   | Signature of the Experts of the Inspection Team |



**6.(i) Availability of Faculty (Technical Assistant) taking into account the aforesaid MAKAUT, WB norms :**

**FORMAT REGARDING TECHNICAL ASSISTANT (APPOINTED ON PERMANENT BASIS IN ACCORDANCE WITH THE AFORESAID MAKAUT, WB NORMS)**

| Name of the Technical Assistant (Course-wise) | Date of Birth | Date of Joining | Qualification | Experience in different Organizations | Total years of experience | Observations of the Inspection Team<br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |  |
|---|---------------|-----------------|---------------|---------------------------------------|---------------------------|---|--|
|   |               |                 |               |                                       |                           |   |  |

Please multiply this page and attach for submission of exhaustive list.

|   |  |   |
|---|--|---|
| Signature of the Principal / Director with Seal | Signature with Seal of the Chairman / Secretary / Trustee of the College sponsoring Trust / Society / Company. |   |
|   |  | Signature of the Experts of the Inspection Team |



**6.(j) Availability of Administrative Staff taking into account the aforesaid MAKAUT, WB norms :**

| Particulars                                     | MAKAUT, WB<br>requirement<br>[ To be filled by the College ]  | Available<br>[ To be filled<br>by the<br>College ] | Observations of the Inspection Team<br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |              |
|---|---|--|---|--------------|
|   |   |  | O.K.  | Deficiencies |
| <b>Administrative Staff</b>                     |   |  |   |              |
| Signature of the Principal / Director with Seal | Signature with Seal of the Chairman / Secretary / Trustee of<br>the College sponsoring Trust / Society / Company. |  | Signature of the Experts of the Inspection Team   |              |



**6.(k) Availability of Hostel/Security/Sweeping/Maintenance Staff taking into account the aforesaid MAKAUT, WB norms :**

| Particulars   | MAKAUT, WB requirement<br>[ To be filled by the College ]  | Available<br>[ To be filled by the College ] | Observations of the Inspection Team<br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |              |
|---|--|--|---|--------------|
|   |  |  | O.K.  | Deficiencies |
| <b>Hostel Staff /<br/>Security Staff /<br/>Sweeping Staff /<br/>Maintenance Staff</b> |  |  |   |              |
| Signature of the Principal / Director with Seal                                       | Signature with Seal of the Chairman / Secretary / Trustee of the College sponsoring Trust / Society / Company. |  | Signature of the Experts of the Inspection Team   |              |





**7. MAKAUT, WB Norms for Books, Journals and Library facilities – Non-AICTE Institute**

2. No. of Titles : For each subject, 5 numbers of Titles.
3. No. of Copies : Minimum 20 numbers on each Title.
4. No. of National Journal : Minimum 5
5. No. of International Journal : Minimum 2
6. No. of Periodicals : Minimum 4
7. News Papers / Magazines : Sufficient.

**7.(a) Availability of Books/Journals/Library facilities taking into account the aforesaid MAKAUT, WB norms :**

| Particulars   | MAKAUT, WB requirement<br>[ To be filled by the College ]   | Available<br>[ To be filled<br>by the<br>College ] | Observations of the Inspection Team<br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |              |
|---|---|--|---|--------------|
|   |   |  | O.K.  | Deficiencies |
| <b>No. of Titles (course-wise) in the College Library</b>                 |   |  |   |              |
| <b>No. of Copies (course-wise) in the College Library</b>                 |   |  |   |              |
| <b>No. of National Journals (course-wise) in the College Library</b>      |   |  |   |              |
| <b>No. of International Journals (course-wise) in the College Library</b> |   |  |   |              |
| <b>No. of Periodicals (course-wise) in the College Library</b>            |   |  |   |              |
| <b>News Papers / Magazines</b>  |   |  |   |              |
| Signature of the Principal / Director with Seal                           | Signature with Seal of the Chairman / Secretary / Trustee of the College<br>sponsoring Trust / Society / Company. |  | Signature of the Experts of the Inspection Team   |              |



**8. MAKAUT, WB Norms for Computers, Software, Internet and Printers – Non-AICTE Institute**

- For management/computer courses, Terminal – Student ratio = 1 : 2
- For other than management/computer courses, Terminal – Student ratio = 1 : 4
- Sufficient number of Printers with sharing facility (Networking).
- Internet facilities for student : Adequate.
- Open source softwares preferred.
- Proprietary softwares should be licensed

**8.(a) Availability of Computers/Software/Internet/Printers taking into account the aforesaid MAKAUT, WB norms :**

| Particulars  | MAKAUT, WB requirement<br>[ To be filled by the College ]  | Available<br>[ To be filled by the College ] | Observations of the Inspection Team<br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |              |
|--|--|--|---|--------------|
|  |  |  | O.K.  | Deficiencies |
| <b>No. of PCs available taking into consideration Terminal-Student ratio</b> |  |  |   |              |
| <b>No. of Legal System Software available</b>                                |  |  |   |              |
| <b>No. of Legal Application Software available</b>                           |  |  |   |              |
| <b>No. of Printers</b>   |  |  |   |              |
| <b>No. of PCs having LAN &amp; Internet</b>                                  |  |  |   |              |
| <b>No. of Computer Printer having LAN</b>                                    |  |  |   |              |
| Signature of the Principal / Director with Seal                              | Signature with Seal of the Chairman / Secretary / Trustee of the College sponsoring Trust / Society / Company. |  | Signature of the Experts of the Inspection Team   |              |



**9. MAKAUT, WB Norms for Laboratories – Non-AICTE Institute**

- (xi) All apparatus as required in strict conformity with the syllabus of MAKAUT, WB available in www.MAKAUT, WB.ac.in in each relevant branch of study are to be installed in the Laboratories.
- (xii) For BHM course – Front Office Lab, Basic Kitchen Lab, Advanced Kitchen Lab, Bar Lab, Restaurant Lab, House Kitchen Lab etc. are to be ready at the time of inspection for affiliation.
- (xiii) For B.Sc. in Media Science course – Sufficient number of Still Camera, Digital, Movie Camera, Editing Software etc. are the basic requirement.
- (xiv) For B.Sc.in Nautical Science course – Jetty, Ship etc. facilities are urgently needed.
- (xv) **Laboratories List as per MAKAUT, WB syllabus (Course-wise & Semester-wise) ---- enclosed as ANNEXURE – I**

**9.(a) Availability of Laboratories requirements taking into account the aforesaid MAKAUT, WB norms :**

| Course / Branch<br>[To be filled by the College] | Semester<br>[To be filled by the College] | Name of the Laboratory with MAKAUT, WB Paper Code<br>[ To be filled by the College ] | Room No. / Area (Sq.ft.)<br>[ To be filled by the College ] | Experimental Set-up required as per MAKAUT, WB syllabus<br>[ To be filled by the College ] |                                 | Observations of the Inspection Team<br>[ If found in order, please write OK, otherwise enumerate deficiencies ] |              |
|--|---|--|---|--|---------------------------------|---|--------------|
|  |   |  |   | All available =>Yes  | Deficiencies =>Please enumerate | O.K.  | Deficiencies |
|  |   |  |   |  |                                 |   |              |

Please multiply this page and attach for submission of exhaustive list

|   |  |   |
|---|--|---|
| Signature of the Principal / Director with Seal | Signature with Seal of the Chairman / Secretary / Trustee of the College sponsoring Trust / Society / Company. |   |
|   |  | Signature of the Experts of the Inspection Team |



**10. MAKAUT, WB Norms for Essential and Desirable requirement – Non-AICTE Institute**

- Medical facilities : A medical room and Part-time Medical Officer should be made available.
- Canteen Cafeteria : Adequate.
- Student Amenities : Adequate.
- Barrier – free Environment as per the PWD Act.
- Drinking water quality (water test report to be produced)
- Safety Provisions including fire and other calamities (NOC of the competent authority to be produced)
- Group Insurance to be provided for the employee.
- Establishment of anti-ragging committee (as per UGC notified regulation for prevention & Prohibition of ragging in Non-AICTE Institutions vide No. F.1-16/2007(CPP-II) dated 17<sup>th</sup> June, 2009.
- Establishment of Internal complains committee (As per section 4 of sexual harassment of women at work place (Prevention, Prohibition & Redressal act, 2013).

**10.(a) Availability of Essential and Desired requirements taking into account the aforesaid MAKAUT, WB norms :**

| Particulars  | MAKAUT, WB requirement<br>[ To be filled by the College ]  | Available<br>[ To be filled by the College ]    | Observations of the Inspection Team |              |
|--|--|---|-------------------------------------|--------------|
|  |  |   | O.K.                                | Deficiencies |
| <b>Medical facilities in the College Campus</b>              |  |   |                                     |              |
| <b>Canteen &amp; Cafeteria</b>                               |  |   |                                     |              |
| <b>Student Amenities in the College Campus</b>               |  |   |                                     |              |
| <b>Barrier Free Environment as per the PWD Act</b>           |  |   |                                     |              |
| <b>Safety provisions including fire and other calamities</b> |  |   |                                     |              |
| <b>General Insurance for the employees</b>                   |  |   |                                     |              |
| <b>Other facilities in the College Campus</b>                |  |   |                                     |              |
| <b>Drinking water quality</b>                                |  |   |                                     |              |
| Signature of the Principal / Director with Seal              | Signature with Seal of the Chairman / Secretary / Trustee of the College sponsoring Trust / Society / Company. |   |                                     |              |
|  |  | Signature of the Experts of the Inspection Team |                                     |              |



| Particulars   | MAKAUT, WB requirement<br>[ To be filled by the College ]  | Available<br>[ To be filled by the College ] | Observations of the Inspection Team             |              |
|---|--|--|---|--------------|
|   |  |  | O.K.  | Deficiencies |
| <b>Establishment of anti-ragging committee (as per UGC notified regulation for prevention &amp; Prohibition of ragging in Non-AICTE Institutions vide No. F.1-16/2007(CPP-II) dated 17<sup>th</sup> June, 2009.</b> |  |  |   |              |
| <b>Establishment of Internal complain committee (As per section 4 of sexual harassment of women at work place (Prevention, Prohibition &amp; Redressal act, 2013.</b>   |  |  |   |              |
| Signature of the Principal / Director with Seal   | Signature with Seal of the Chairman / Secretary / Trustee of the College sponsoring Trust / Society / Company. |  | Signature of the Experts of the Inspection Team |              |



Undertaking by the Management of the College in respect of deficiencies if self assessed by the College  
or if noticed by the Inspection Team

Signature of the Principal / Director with Seal

Signature with Seal of the Chairman / Secretary / Trustee of the College sponsoring Trust / Society / Company.



**Opinion of the Inspection Team in respect of *Establishment of new College / Variation in Intake / Introduction of additional course(s) / Extension of Affiliation***

**Recommended / Not Recommended for *Establishment of new College / Variation in Intake / Introduction of additional course(s) / Extension of Affiliation* with following intake :**

**Recommended for *Establishment of new College / Variation in Intake / Introduction of additional course(s) / Extension of Affiliation* with following intake subject to the fulfillment of following condition(s) :**

Signature of the Experts of the Inspection Team



**Annexure -1 of Self Assessment Report of the existing/proposed Non-AICTE College & INSPECTION REPORT**

**Semester wise Laboratory for all courses (Non-AICTE Courses)**

| Semester                                 | Paper Code        | Subjects  |
|--|-------------------|---|
| <b>BCA (2020-2021)– as on 23.09.2022</b> |                   |   |
| <b>SEMESTER</b>                          | <b>PAPER CODE</b> | <b>SUBJECT</b>                                  |
| 1 <sup>st</sup>                          | BCAC191           | Programming for Problem Solving Lab             |
|  | BCAC192           | Digital Electronics Lab                         |
|  |                   | Any one from GE basket.                         |
| 2 <sup>nd</sup>                          | BCAC292           | Computer Architecture Computer Architecture Lab |
|  |                   | Any one from GE basket.                         |
| 3 <sup>rd</sup>                          | BCAC391           | Object Oriented Programming Lab                 |
|  | BCAC392           | Operating System Lab                            |
|  | BCAC393           | Data Structure Lab                              |
|  |                   | Any one from GE basket.                         |
| 4 <sup>th</sup>                          | BCAC491           | Database Management System Lab                  |
|  | BCAC492           | Software Engineering Lab                        |
|  | BCAC493           | Python Programming Lab                          |
|  |                   | Any one from GE basket.                         |
| 5 <sup>th</sup>                          | BCAC591           | Internet Technology Lab                         |
|  | BCAC592           | Computer Networking Lab                         |
|  | BCAD501           | A. Cloud Computing                              |
|  |                   | B. Design & Analysis of Algorithm               |
|  |                   | C. Information & Coding Theory                  |
|  |                   | D. Numerical and statistical Methods            |
|  |                   | E. GUI Programming with .NET                    |
|  |                   | F. Theory of Computation                        |
|  |                   | G. Combinatorial Optimization                   |
|  |                   | Information Security                            |
| 6 <sup>th</sup>                          | BCAC691           | Unix and Shell programming Lab                  |
|  | BCAD601           | A. Introduction to Data Science                 |
|  |                   | B. Introduction to AI and Machine Learning      |





|  |  |  |
|--|--|--|
|  |  | C. Digital Image Processing<br>D. Digital Marketing.<br>E. E-Commerce<br>F. Advanced Database and PL/SQL<br>Soft Computing |
|--|--|--|

**B.Sc. in Culinary Science (2020-2021)– as on 01.04.2022**

| SEMESTER        | PAPER CODE  | SUBJECT  |
|-----------------|-------------|--|
| 1 <sup>ST</sup> | BSCA 191    | Basics of Food & Beverage Production                 |
|                 | BSCA 192    | Food Production Operation - I                        |
| 2 <sup>nd</sup> | BSCA 291    | Indian Regional Cuisine                              |
|                 | BSCA 292    | Food & Beverage Studies                              |
| 3 <sup>rd</sup> | BSCA 391    | International Culinary & Baking Skills               |
|                 | BSCA 392    | Indian Regional Cuisine and Quantity Food Production |
|                 | BSCA 393    | Larder, Charcuterie and Intermediate Bakery          |
|                 | BSCA 354    | IT Skills  |
| 4 <sup>th</sup> | BSCA(P) 491 | Advanced Food Production                             |
|                 | BSCA(P) 492 | Contemporary Asian and World Cuisine                 |
| 5 <sup>th</sup> | BSCA 592    | Advanced Bakery and Confectionary                    |

**B.Sc. in Cyber Security (2019-2020) as on 15.02.2022**

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 1 <sup>st</sup> | CYS- 191   | Fundamental of Computing – using C Language Lab |
|                 | CYS- 192   | Programming in Python Lab                       |
|                 | CYS- 193   | Computer Network Lab                            |
| 2 <sup>nd</sup> | CYS- 291   | Data Structures and Algorithms                  |
|                 | CYS- 292   | Object Oriented Concepts                        |
|                 | CYS- 293   | Ethical Hacking and Systems Defence Lab         |
| 3 <sup>rd</sup> | CYS-391    | Database Management Systems                     |
|                 | CYS-392    | Operating System & system programming (LINUX)   |
|                 | CYS-393    | VAPT Lab  |
| 4 <sup>th</sup> | CYS-491    | Cryptography & Information Security Lab         |
|                 | CYS-492    | Software Engineering & software design with UML |
|                 | CYS-493    | Advanced computer network & Security            |
| 5 <sup>th</sup> | CYS-591    | Cyber Forensics Lab                             |
|                 | CYS-592    | Malware Analysis Lab                            |



|                 |         |  |
|-----------------|---------|--|
| 6 <sup>th</sup> | CYS-692 | Artificial Intelligence in Cyber Security & Industry use cases |
|-----------------|---------|--|

**B.Sc. in Cyber Security (2020-21) as on 01.04.2022**

| SEMESTER        | PAPER CODE | SUBJECT  |
|-----------------|------------|--|
| 1 <sup>st</sup> | CC 1       | Fundamental of Computing – using C Language                        |
|                 | CYS 191    |  |
|                 | CC 2       | Mathematics and Statistics   |
|                 | CYS 192    |  |
| 2 <sup>nd</sup> | CC 3       | Computer Architecture & Object-Oriented Concepts                   |
|                 | CYS 291    |  |
|                 | CC 4       | Data Structures and Algorithms                                     |
|                 | CYS 292    |  |
| 3 <sup>rd</sup> | CC 5       | Ethical Hacking and Systems Defense                                |
|                 | CYS 391    |  |
|                 | CC 6       | Cyber Systems & Cyber Threat and Modelling                         |
|                 | CYS 392    |  |
|                 | CC 6       | Vulnerability Analysis, Penetration Testing, and Incident Handling |
|                 | CYS 393    |  |
|                 | SEC 1      | Operating System and Linux   |
|                 | CYS 354    |  |
| 4 <sup>th</sup> | CC 8       | Cryptography & Information Security                                |
|                 | CYS 491    |  |
|                 | CC 9       | Software Engineering & Software Design with UML                    |
|                 | CYS 492    |  |
|                 | CC 10      | Advanced Computer Network & Security                               |
|                 | CYS 493    |  |
|                 | SEC 2      | Database Management  |
|                 | CYS 455    |  |
| 5 <sup>th</sup> | DSE 1      | Design and Analysis of Algorithm                                   |
|                 | CYS 593(B) |  |
|                 | DSE 2      | Introduction to AI and Machine Learning                            |
|                 | CYS 594(B) |  |
| 6 <sup>th</sup> | DSE 3      | Digital Image Processing   |
|                 | CYS 693(B) |  |

**B.Sc.in Hospitality and Hotel Administration (2022-23) as on 15.07.2022**

| SEMESTER        | PAPER CODE | SUBJECT                       |
|-----------------|------------|-------------------------------|
| 1 <sup>st</sup> | BHHA-191   | Food Production Foundation- I |



|                 |          |   |
|-----------------|----------|---|
|                 | BHHA-192 | Food & Beverage Service Foundation-I                          |
|                 | BHHA-193 | Room Division Operation                                       |
| 2 <sup>nd</sup> | BHHA-291 | Food Production Foundation- II                                |
|                 | BHHA-292 | Food & Beverage Service Foundation-II                         |
| 3 <sup>rd</sup> | BHHA-391 | Introduction to Indian Cookery                                |
|                 | BHHA-392 | Food & Beverage Service Operations                            |
|                 | BHHA-393 | Accommodation and Front Office Operations                     |
| 4 <sup>th</sup> | BHHA401  | Food Production Operations – Industry Exposure                |
|                 | BHHA402  | Food & Beverage Service Operations – Industry Exposure        |
|                 | BHHA403  | Accommodation and Front Office Operations – Industry Exposure |
|                 | BHHA405  | Personality Skills for Hospitality – Learning from Industry   |
| 5 <sup>th</sup> | BHHA591  | Advanced Food Production Operations – I                       |
|                 | BHHA592  | Advanced Food & Beverage Operations and Bar Management – I    |
|                 | BHHA593  | Advance Front Office & Accommodation Management - I           |
| 6 <sup>th</sup> | BHHA691  | Advance Food Production Operations & Food Costing - II        |
|                 | BHHA692  | Advance Food & Beverage Operations and Bar Management - II    |
|                 | BHHA693  | Advance Front Office & Accommodation Management - II          |

**BBA (NEW) (2020-2021) as on 21.09.2022**

| SEMESTER        | PAPER CODE    | SUBJECT                   |
|-----------------|---------------|---------------------------|
| 3 <sup>rd</sup> | CC<br>BBA 391 | Business Research Methods |

**BBA (Business Analytics) (NEW) (2020-2021) as on 24.03.2022**

| SEMESTER        | PAPER CODE  | SUBJECT                                 |
|-----------------|-------------|---|
| 2 <sup>nd</sup> | BBA(BA) 291 | Inferential Statistics and Applications |
| 3 <sup>rd</sup> | BBA(BA) 391 | Business Research Methods               |

**B.Sc. in Media Science (3 years course)**



|                 |         |   |
|-----------------|---------|---|
| 1 <sup>st</sup> | MMS-194 | Basic Computer Application Lab                      |
| 2 <sup>nd</sup> | MMS-291 | Electronic Media:(Planning & Production Lab)        |
|                 | MMS-292 | Electronic Media:(Writing, Editing & Execution Lab) |
|                 | MMS-293 | Press Photography Lab                               |
| 3 <sup>rd</sup> | MMS-394 | Film & Television (Theory & Practice Lab)           |
| 4 <sup>th</sup> | MMS-484 | Video Production                                    |
| 5 <sup>th</sup> | MMS-593 | Design & Page makeup Lab                            |

**B.SC. IN MEDIA SCIENCE –(2021-22) as on 17.05.2022**

| SEMESTER        | PAPER CODE | SUBJECT  |
|-----------------|------------|--|
| 1 <sup>ST</sup> | BMS 191    | Introduction to photography and design-I                               |
| 2 <sup>nd</sup> | BMS 291    | Introduction to Journalism 1-And Print and New Media                   |
|                 | BMS 292    | Introduction to photography and design-II                              |
| 3 <sup>rd</sup> | BMS 391    | Introduction to film studies in current perspective                    |
|                 | BMS 392    | Introduction to customer behavior, marketing and advertising           |
|                 | BMS 393    | Journalism 2 – Electronic Media  |
| 4 <sup>th</sup> | BMS 491    | Film studies II  |
|                 | BMS 492    | Public relations, corporate communication, and social media management |
|                 | BMS 493    | Digital Media and its Marketing  |
| 5 <sup>th</sup> | BMS 591    | Media management and entrepreneurship                                  |
|                 | BMS 592    | Communication research and data analysis                               |
| 6 <sup>th</sup> | BMS 691    | Environment and develop communication                                  |
|                 | BMS 692    | New Media Products And Related Software Programs                       |

**B.Sc. in Microbiology (2018-2019) as on 03.02.2020**

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 1 <sup>st</sup> | CMc -191   | Lab on Biochemistry                                     |
|                 | GEMc -191  | Lab on Introduction and scope of microbiology           |
|                 | CMc -192   | Lab on Cell Biology                                     |
|                 | GEMc -192  | Lab On microbes in environment                          |
|                 | GEMc -193  | Lab on Biomathematics and statistics                    |
| 2 <sup>nd</sup> | CMc-291    | Lab on Introduction to Microbes and Microbial Diversity |
|                 | GEMc -291  | Lab on Industrial and Food Microbiology                 |
|                 | CMc-292    | Lab on Microbial Physiology and Metabolism              |
|                 | GEMc-292   | Lab on chemistry I                                      |
|                 | CMc -293   | Lab on Food and Dairy Microbiology                      |



|                 |                       |  |
|-----------------|-----------------------|--|
| 3 <sup>rd</sup> | GEMc -293             | Lab on Inheritance Biology                                 |
|                 | CMc -391              | Lab on Microbial Genetics                                  |
|                 | GEMc -391             | Lab on Biomolecular Metabolism                             |
|                 | CMc -392              | Lab on Environmental Microbiology                          |
|                 | GEMc -392             | Lab on Biological Diversity and Taxonomy                   |
| 4 <sup>th</sup> | CMc 393               | Lab on Molecular Biology                                   |
|                 | GEMc -393             | Lab on Chemistry II  |
|                 | CMc - 491             | Lab on Immunology  |
|                 | GEMc - 491            | Lab on Clinical Immunology                                 |
|                 | CMc-492               | Lab on Medical Microbiology                                |
| 5 <sup>th</sup> | GEMc -492             | Lab on Entrepreneurship Development                        |
|                 | GEMc -493             | Lab on Molecular Diagnostics                               |
|                 | CMc -591              | Lab on Recombinant DNA Technology                          |
|                 | CMc -592              | Lab on Industrial Microbiology                             |
|                 | DSEMc- -591A          | Lab on Advances in Microbiology                            |
| 6 <sup>th</sup> | DSEMc- 591 B          | Lab on Instrumentation and Biotechniques                   |
|                 | DSEMc- -592A          | Lab on Microbial Biotechnology                             |
|                 | DSEMc-592B            | Lab on Plant pathology                                     |
|                 | CMc -691              | Lab on Genomics, Proteomics and Bioinformatics             |
|                 | DSEMc -691A           | Lab on Microbes in Sustainable Agriculture and Development |
|                 | CMc -692              | Lab on Virology  |
|                 | DSEMc -692A (Any one) | Lab on Biosafety and Intellectual Properties Rights        |

**B.Sc. in Molecular Biology (2018-2019) as on 03.02.2020**

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 1 <sup>st</sup> | CMB-191    | Lab on Biochemistry and Metabolism                    |
|                 | GEMB-191   | Lab on Insect, Vectors and Diseases (P)               |
|                 | CMB-192    | Lab on Cell Biology                                   |
|                 | GEMB-192   | Lab on Plant and Animal Tissue Culture(P)             |
| 2 <sup>nd</sup> | CMB-291    | Lab on General Microbiology                           |
|                 | GEMB-291   | Lab on Inheritance Biology                            |
|                 | CMB-292    | Lab on Chemistry-1                                    |
|                 | GEMB-292   | Lab on C programming and Digital Logic (P)            |
|                 | CMB-293    | Lab on Fundamentals of Gene Expression and Regulation |
| 3 <sup>rd</sup> | GEMB-293   | Lab on Population and Evolutionary Genetics (P)       |
|                 | CMB-391    | Lab on Pro-and Eukaryotic Genetics                    |
|                 | GEMB-391   | Lab on Biostatistics                                  |
|                 | CMB-392    | Lab on Chemistry-II                                   |
|                 | GEMB-392   | Lab on Biological Diversity and Taxonomy              |



|                 |                      |  |
|-----------------|----------------------|--|
|                 | CMB-393              | Lab on Molecular Biology   |
|                 | GEMB-393             | Data Structure Lab   |
| 4 <sup>th</sup> | CMB-491              | Lab on Immunology  |
|                 | GEMB-491             | Lab on Entrepreneurship Development                                  |
|                 | CMB492               | Lab on Bioanalytical Tools   |
|                 | GEMB-492             | Lab on Ecology and Environmental Management                          |
|                 | GEMB-493             | DBMS & Web Technology Lab  |
| 5 <sup>th</sup> | CMB-591              | Lab on Model Organism in Human Genome Project                        |
|                 | CMB-592              | Lab on Recombinant DNA Technology                                    |
|                 | DSEMB-591A           | Lab on Tools for Analyzing Gene Expression                           |
|                 | DSEMB-592 A          | Lab on Microbial Biotechnology                                       |
|                 | DSEMB-591B           | Lab on Reproductive Cancer Genetics                                  |
|                 | DSEMB-592B           | Lab on Molecular Human Genetics                                      |
| 6 <sup>th</sup> | CMB-691              | Lab on Genomics, Proteomics and Bioinformatics                       |
|                 | DSEMB-691A           | Lab on Genetic Modification in Agriculture Food and Medical Industry |
|                 | CMB-692              | Lab on IPR, Biosafety and ethical issues                             |
|                 | DSEMB-692A (Any one) | Lab on Medical molecular Biology                                     |

**Bachelor of Optometry as on 02.11.2021**

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 1 <sup>ST</sup> | BO-191     | Geometrical Optics (Optics I)                         |
|                 | BO-192     | Physiology (General)                                  |
|                 | BO-193     | Professional communication in English                 |
| 2 <sup>nd</sup> | BO-291     | Physical Optics (Optics II)                           |
|                 | BO-292     | Computer Fundamentals                                 |
| 3 <sup>rd</sup> | BO-391     | Medical pathology & Microbiology (general and ocular) |
|                 | BO-392     | Ophthalmic Instrumentation and procedure-I            |
| 4 <sup>th</sup> | BO-491     | Clinical refraction I                                 |
|                 | BO-492     | Ophthalmic Lens & Dispensing optics                   |
|                 | BO-493     | Ophthalmic Instrumentation & procedure-II             |
| 5 <sup>th</sup> | BO-591     | Low vision Aid and Visual Rehabilitation              |
|                 | BO-592     | Contact Lens  |
|                 | BO-593     | Clinical Refraction II                                |
| 6 <sup>th</sup> | BO-693     | Specialized Contact lens                              |
|                 | BO-695     | Applied optometry and Orthoptics                      |

**BBA (Hospital Management) (2018-2019)**



| SEMESTER        | PAPER CODE | SUBJECT                              |
|-----------------|------------|--------------------------------------|
| 1st             | BHM(N)-191 | Effective Professional Communication |
|                 | BHM(N)-192 | Basic Computing lab                  |
| 2 <sup>nd</sup> | BHM(N)-281 | Advance Computing Lab                |

**B. Sc. In Multimedia Animation & Graphics (2020-21) as on 01.04.2022**

| SEMESTER        | PAPER CODE | SUBJECT                                    |
|-----------------|------------|--|
| 1 <sup>st</sup> | BMAGD 191  | Design Fundamentals and Visual literacy    |
|                 | BMAGD 192  | Fundamentals of Graphical Representation   |
| 2 <sup>nd</sup> | BMAGD 291  | Graphic Design                             |
|                 | BMAGD 292  | Web Design                                 |
| 3 <sup>rd</sup> | BMAGD 391  | Material and process for design production |
|                 | BMAGD 392  | Visual narratives and sequential structure |
|                 | BMAGD 393  | Animation Fundamentals                     |
|                 | BMAGD 354  | Basics of Assessment in Psychology         |
| 4 <sup>th</sup> | BMAGD 491  | 2D Animation Production                    |
|                 | BMAGD 492  | 3D Animation Production                    |
|                 | BMAGD 493  | Digital post production                    |
|                 | BMAGD 455  | New Media Skills                           |
| 5 <sup>th</sup> | BMAGD 501  | Advance experiments in Visual Storytelling |
|                 | BMAGD 502  | Advertising & Branding Design              |
| 6 <sup>th</sup> | BMAGD 601  | Communication Design                       |
|                 | BMAGD 602  | Dissertation                               |

**B.Sc. in Multimedia, Animation & Graphics Design (2018-2019) as on 03.02.2020**

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 1 <sup>st</sup> | BMAGD 101  | Introduction to Design                          |
|                 | BMAGD 102  | Design Methodology & Process                    |
|                 | BMAGD 181  | Design fundamentals and Visual Literacy         |
|                 | BMAGD 182  | Drawing fundamentals for Graphic Representation |
|                 | BMAGD 191  | Digital Design 1 (Illustrator & Photoshop)      |
|                 | BMAGD 192  | Design Project 1 (Typographic Design)           |
| 2 <sup>nd</sup> | BMAGD 201  | Visual narratives and Sequential Structure      |
|                 | BMAGD 202  | Materials and Process for Design Production     |
|                 | BMAGD 281  | Fundamentals of Digital Photography             |
|                 | BMAGD 282  | Advanced drawing for Structural Representation  |
|                 | BMAGD 291  | Digital Design 2 (In Design & Flash)            |



|                 |             |   |
|-----------------|-------------|---|
|                 | BMAGD 292   | Design Project 2 (Visual Communication)                     |
| 3 <sup>rd</sup> | BMAGD 301   | Web Technology and Interactivity                            |
|                 | BMAGD 302   | Animation Fundamentals and The Science of Motion            |
|                 | BMAGD 381   | Fundamentals of Digital Film Making                         |
|                 | BMAGD 382   | 2D Animation Film Making                                    |
|                 | BMAGD 391   | Digital Design 3 (Dreamweaver & Flash)                      |
|                 | BMAGD 392   | Design Project 3 (Web design)                               |
| 4 <sup>th</sup> | BMAGD 401   | Animation Production Process                                |
|                 | BMAGD 402   | Script Writing  |
|                 | BMAGD 481   | Storytelling and Representing Animatic                      |
|                 | BMAGD 482   | Portfolio Creation and Presentation                         |
|                 | BMAGD 491   | Digital Design 4 (Aftereffects, premier & audition)         |
|                 | BMAGD 492   | Design Project 4 (Infographics & Motion graphics design)    |
| 5 <sup>th</sup> | BMAGD 501   | Advertising & Branding Design                               |
|                 | BMAGD 591   | Digital Design Sp (After effects & Maya/ Photoshop & Flash) |
| 6 <sup>th</sup> | BMAG 601A/B | Graphics Design/Animation Design                            |

**B.Sc. in Data Science  
as on 15.02.20222**

|                 |             |  |
|-----------------|-------------|--|
| 1 <sup>st</sup> | BSCDA – 105 | Database Management System                         |
| 2 <sup>nd</sup> | BSCDA - 201 | Soft-Skill for Business                            |
|                 | BSCDA – 203 | Introduction to Programming using Python           |
|                 | BSCDA - 205 | Advanced MS Excel                                  |
| 3 <sup>rd</sup> | BSCDA 301   | Data Structures and Algorithms                     |
|                 | BSCDA 302   | Data Warehousing and Mining                        |
|                 | BSCDA 303   | Statistical theory of Hypothesis testing           |
|                 | BSCDA 304   | Data visualization using Business Intelligence     |
|                 | BSCDA 305   | Web Foundation                                     |
|                 | BSCDA -401  | Data visualization and data driven decision making |
| 4 <sup>th</sup> | BSCDA - 402 | Statistical Analysis using SPSS                    |
|                 | BSCDA - 404 | Generalized Linear Models                          |
|                 | BSCDA -501  | Advanced Programming in Python                     |
| 5 <sup>th</sup> |             |  |





|                 |                    |  |
|-----------------|--------------------|--|
|                 | BSCDA -502         | Data Security  |
|                 | BSCDA -503         | Time Series  |
|                 | BSCDA -504         | Web Intelligence   |
|                 | BSCDA -505         | Introduction to Artificial Intelligence and Machine Learning |
| 6 <sup>th</sup> | BSCDA - 601A/B/C/D | Optional Subject   |

**B.Sc. in Bio-technology (2018-2019) as on 03.02.2020**

|                 |          |   |
|-----------------|----------|---|
| 1 <sup>st</sup> | CBT-192  | Lab on Cell Biology                         |
|                 | CBT-191  | Bio chemistry and Metabolism                |
|                 | GEBT-192 | Lab On Plant and animal tissue culture      |
|                 | GEBT-193 | Lab on Biotechnology and Human welfare      |
| 2 <sup>nd</sup> | CBT-292  | Chemistry-1                                 |
|                 | CBT-293  | Lab on Plant and Mammalian Physiology       |
|                 | CBT-291  | General Microbiology                        |
|                 | GEBT-291 | C Programming Lab                           |
|                 | GEBT-292 | Lab on Inheritance biology                  |
| 3 <sup>rd</sup> | CBT-391  | Lab on Genetics                             |
|                 | CBT-392  | Lab on Chemistry-II                         |
|                 | CBT-393  | Lab on Molecular Biology                    |
|                 | GEBT-391 | Lab on Biostatistics                        |
|                 | GEBT-392 | Lab on Biological Diversity and Taxonomy    |
|                 | GEBT-393 | Data Structure Lab                          |
| 4 <sup>th</sup> | CBT-491  | Lab on Immunology                           |
|                 | CBT-492  | Lab on Bioanalytical Tools                  |
|                 | GEBT-491 | Lab on Entrepreneurship Development         |
|                 | GEBT-492 | Lab on Ecology and Environmental Management |



|                 |                         |   |
|-----------------|-------------------------|---|
|                 | GEBT-493                | DBMS & Web Technology Lab                               |
| 5 <sup>th</sup> | CBT-591                 | Lab on Bioprocess Technology                            |
|                 | CBT-592                 | Lab on Recombinant DNA Technology                       |
|                 | DSEBT -591A             | Lab on Animal Biotechnology                             |
|                 | DSEBT 592 A             | Lab on Model organism and human genome project          |
|                 | DSEBT 593 A             | Lab on Medical bio-technology                           |
|                 | DSEBT 591 B             | Lab on Plant Biotechnology                              |
|                 | DSEBT 592 B             | Lab on Plant secondary metabolites                      |
| 6 <sup>th</sup> | CBT -691                | Lab on Genomics, proteomics and Bioinformatics          |
|                 | CBT -692                | Lab on IPR, Biosafety and ethical issues                |
|                 | DSEBT-691A              | Lab on Genetic Modification In agriculture and Medicine |
|                 | DSEBT-692A<br>(Any one) | Lab on Environmental Biotechnology                      |

**B.Sc. in Genetics (2018-2019) as on 03.02.2020**

| SEMESTER        | PAPER CODE | SUBJECT                                    |
|-----------------|------------|--|
| 1 <sup>st</sup> | CGN-191    | Lab on Biochemistry and Metabolism         |
|                 | CGN-192    | Lab on Cell Biology                        |
|                 | GEGN-192   | Lab on Plant and animal tissue culture(P)  |
|                 | GEGN-193   | Lab on Chromosome Organization(P)          |
| 2 <sup>nd</sup> | CGN-291    | Lab on Principles of Transmission Genetics |
|                 | GEGN-291   | Lab on Principles of Microbiology          |
|                 | CGN-292    | Lab on Chemistry-I                         |
|                 | GEGN-292   | C Programming Lab                          |
|                 | CGN-293    | Lab on Population and Evolutionary Biology |
|                 | GEGN-293   | Lab on Plant and Mammalian Physiology (P)  |
| 3 <sup>rd</sup> | CGN-391    | Lab on Pro-and Eukaryotic Genetics         |
|                 | GEGN-391   | Data Structure Lab                         |
|                 | CGN-392    | Lab on Chemistry-II                        |
|                 | GEGN-392   | Lab on Biological Diversity and Taxonomy   |
|                 | CGN-393    | Lab on Molecular Biology                   |
| 4 <sup>th</sup> | GEGN-393   | Lab on Biostatistics                       |
|                 | CGN-491    | Lab on Immunology                          |
|                 | GEGN-491   | Lab on Entrepreneurship Development        |



|                 |                      |  |
|-----------------|----------------------|--|
|                 | CGN-492              | Lab on Bioanalytical Tools   |
|                 | GEGN-492             | Lab on Ecology and Environmental Management                          |
|                 | GEGN-493             | DBMS & Web Technology Lab  |
| 5 <sup>th</sup> | CGN-591              | Lab on Model Organism in Human Genome Project                        |
|                 | CGN-592              | Lab on Recombinant DNA Technology                                    |
|                 | DSEGN-591A           | Lab on Tools for analyzing gene expression                           |
|                 | DSEGN-591B           | Lab on Bio-Transformation And Secondary Metabolites                  |
|                 | DSEGN-592 A          | Lab on Reproductive Cancer Genetics                                  |
|                 | DSEGN-592B           | Lab on Molecular Human Genetics                                      |
| 6 <sup>th</sup> | CGN-691              | Lab on Genomics, Proteomics and Bioinformatics                       |
|                 | CGN-692              | Lab on IPR, Biosafety and Ethical Issues                             |
|                 | DSEGN-691A           | Lab on Genetic Modification in Agriculture Food and Medical Industry |
|                 | DSEGN-692A (Any one) | Lab on Developmental Genetics  |

**Bachelor in Sports Management (2018-2019) as on 16.07.2021**

| SEMESTER        | PAPER CODE | SUBJECT                                    |
|-----------------|------------|--|
| 1 <sup>st</sup> | BSM-181    | Language Lab                               |
| 2 <sup>nd</sup> | BSM-281    | Public speaking on assigned topic          |
|                 | BSM-282    | Computing lab                              |
| 3 <sup>rd</sup> | BSM-381    | Sports Training and conditioning practical |
| 4 <sup>th</sup> | BSM-481    | First Aid and CPR                          |
| 5 <sup>th</sup> | BSM-581    | First Aid and CPR                          |

**BBA in Sports Management (2020-2021) as on 01.04.2022**

| SEMESTER        | PAPER CODE | SUBJECT                            |
|-----------------|------------|------------------------------------|
| 3 <sup>rd</sup> | BSM-354    | Basics of assessment in psychology |



**BTTM (2018-2019) as on 03.02.2020**

| SEMESTER        | PAPER CODE | SUBJECT                                      |
|-----------------|------------|--|
| 1 <sup>st</sup> | TTM184     | English Language Lab                         |
|                 | TTM185     | Basic Computer Lab                           |
| 3 <sup>rd</sup> | TTM384     | Foreign Language (French/Spanish/Chinese)    |
| 4 <sup>th</sup> | TTM485     | Foreign Language II (French/Spanish/Chinese) |
|                 | TTM484     | Field Trip Report                            |

**BBA (Travel & Tourism Management) 2021-2022 as on 31.03.2022**

| SEMESTER        | PAPER CODE    | SUBJECT           |
|-----------------|---------------|-------------------|
| 5 <sup>th</sup> | BBA (TTM)-504 | Study tour report |

**B. Sc. in Economics 2021-2022 as on 28.10.2021**

| SEMESTER        | PAPER CODE | SUBJECT                         |
|-----------------|------------|---------------------------------|
| 3 <sup>rd</sup> | BECO 305   | Statistics Lab I                |
| 4 <sup>th</sup> | BECO 405   | Statistics Lab II               |
| 5 <sup>th</sup> | BECO 503   | DSE – 1 (From List of Group-I)  |
| 6 <sup>th</sup> | BECO 603   | DSE – 3 (From List of Group-II) |

**\*Group wise Discipline Specific Elective Subject List:**

**Group-I (Discipline Specific Elective (DSE) Courses)**

- (i) Economics of Health and Education
- (ii) Applied Econometrics
- (iii) Economic History of India (1857-1947)
- (iv) Topics in Microeconomics-
- (v) Political Economy-
- (vi) Political Economy-
- (vii) Public Economics

**Group-II (Discipline Specific Elective (DSE) Courses)**

- (i) Political Economy-II
- (ii) Comparative Economic Development (1850-1950)
- (iii) Financial Economics
- (iv) Topics in Microeconomics-II
- (v) Environmental Economics
- (vi) International Economics
- (vii) Dissertation/Project



**BMS (Pharmaceutical Management) (3 years course)(2018-19) as on 03.02.2020**

|                 |        |  |
|-----------------|--------|--|
| 1 <sup>st</sup> | PAL106 | Pharmaceutical Analysis Lab                  |
|                 | CAM107 | Computer Application in Management           |
| 2 <sup>nd</sup> | PHL206 | Pharmaceutics Lab-I                          |
|                 | PCL207 | Pharmaceutical Chemistry Lab-I               |
| 3 <sup>rd</sup> | PHL306 | Pharmaceutics Lab-II                         |
|                 | PCL307 | Pharmaceutical Chemistry Lab-II              |
| 4 <sup>th</sup> | MCL406 | Medicinal Chemistry Lab                      |
|                 | HRM407 | Human Resource Management Project            |
| 5 <sup>th</sup> | PHL506 | Pharmaceutical Lab-III (Pharma Microbiology) |
|                 | PAL507 | Pharmacognosy Lab                            |
| 6 <sup>th</sup> | PHL603 | Pharmacology Lab                             |

**Bachelor in Business Administration (Supply Chain Management) as on 17.05.2022**

No Practical Lab Required.

**B.Sc. in Fashion Design & Management – as on 01.04.2022**

| SEMESTER        | PAPER CODE              | SUBJECT  |
|-----------------|-------------------------|--|
| 1 <sup>ST</sup> | CC1                     | Study of Textiles  |
|                 | BFDM 191                |  |
|                 | CC2                     | Computer Basics & its Application in Design Fundamentals     |
| 2 <sup>nd</sup> | BFDM 192                |  |
|                 | CC3                     | Fashion Design Process                                       |
|                 | BFDM 291                |  |
| 3 <sup>rd</sup> | CC4                     | Fundamentals of Pattern making & Sewing                      |
|                 | BFDM 292                |  |
|                 | CC5                     | Computer Graphics & its Application in Fashion Art & Drawing |
| 4 <sup>th</sup> | BFDM 391                |  |
|                 | SEC 1                   | Basics of Assessment in Psychology                           |
|                 | BFDM 354                |  |
| 5 <sup>th</sup> | SEC 2                   | New Media Skills   |
|                 | BFDM 455                |  |
|                 | DSE 1 (any one)         | Accessory Design/Visual Merchandising                        |
|                 | BFDM-593(A)/BFDM-593(B) |  |
|                 | DSE 2 (any one)         | Fashion Photography/Fashion Communication                    |
|                 | BFDM-594(A)/BFDM-594(B) |  |



**B.Sc. in Film & Television (NEW) (2020-21) as on 08.08.2022**

| SEMESTER        | PAPER CODE                                | SUBJECT  |
|-----------------|---|--|
| 1 <sup>st</sup> | CC 1                                      | Fundamentals of Motion Picture   |
|                 | FTTA 191                                  |  |
|                 | CC 2                                      | Image Production – Still & Video   |
|                 | FTTA 192                                  |  |
| 2 <sup>nd</sup> | CC 4<br>FTTA 292                          | Advanced Image Production – Still & Video  |
| 3 <sup>rd</sup> | SEC 1<br>FFTA 354                         | IT Skills  |
| 5 <sup>th</sup> | CC 12                                     | Television Production  |
|                 | FTTA 592                                  |  |
|                 | DSE 1(any one)<br>FTTA 593(A)/FTTA 593(B) | Aspects of Film Production/Trends and Technology in Film and television (will include overview of Media Business, Pitching for funds, distribution, marketing, etc.) |
|                 | DSE 2 (any one)<br>FTTA 594(A)/594(B)     | Advanced Practical Film Making (Fiction)/ Advanced Practical Film Making (Non Fiction)   |
| 6 <sup>th</sup> | CC 14                                     | Post Production Techniques-Sound Color Correction & VFX  |
|                 | FTTA 692                                  |  |
|                 | DSE 3 (Any One)                           | Making of a TV Commercial/ Making a Music Video  |

**BBA (Insurance & Risk Management) as on 17.05.2022**

No Practical Lab Required.

**B.Sc. In Gaming & Mobile Application Development (2020-21) as on 01.04.2022**

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 1 <sup>st</sup> | CC 2       | Programming using C                             |
|                 | GAM 192    |   |
| 2 <sup>nd</sup> | CC 4       | Object Oriented Programming                     |
|                 | GAM 292    |   |
| 3 <sup>rd</sup> | CC 5       | Database Programming                            |
|                 | GAM 391    |   |
|                 | CC 6       | Fundamentals of Data Structure using C          |
|                 | GAM 392    |   |
|                 | CC 7       | Graphics Programming and Animation using OpenGL |
|                 | GAM 393    |   |
|                 | SEC 1      | Mobile Database Skills                          |



|                 |                    |  |
|-----------------|--------------------|--|
|                 | GAM 354            |  |
| 4 <sup>th</sup> | CC 8<br>GAM 491    | Design & Analysis of Algorithm using Advanced Data Structure |
|                 | CC 9<br>GAM 492    | Game Development   |
|                 | CC 10<br>GAM 493   | Mobile Application Development                               |
|                 | SEC 2<br>GAM 455   | Python Programming   |
| 5 <sup>th</sup> | CC 11<br>GAM 591   | Game AI  |
|                 | CC 12<br>GAM 592   | Computer Vision & Pattern Recognition                        |
|                 | DSE 2<br>GAM 594 B | Introduction to AI and Machine Learning                      |
| 6 <sup>th</sup> | CC 13<br>GAM 691   | Rigging & Animation for Games                                |
|                 | CC 14<br>GAM 692   | Virtual & Augmented Reality                                  |

**B.Sc. in Nautical Science from 2017-18 as on 03.02.2020**

| SEMESTER        | PAPER CODE | SUBJECT  |
|-----------------|------------|--|
| 1 <sup>st</sup> | BNS 105    | General Ship Knowledge                                 |
|                 | BNS 106    | Terrestrial Navigation                                 |
|                 | BNS 191    | Nautical Physics (Practical)                           |
|                 | BNS 192    | Computer Science (Practical)                           |
| 2 <sup>nd</sup> | BNS 205    | Ship Operation Technology                              |
|                 | BNS 206    | Chart Work and Collision Prevention Regulations        |
|                 | BNS 291    | Applied Physics & Electricity (Practical)              |
|                 | BNS 292    | Nautical Electronics (Practical)                       |
| 3 <sup>rd</sup> | BNS 301    | Celestial Navigation Paper-I                           |
|                 | BNS 303    | Marine Engineering Automation & Control System Paper-I |
|                 | BNS 304    | Meteorology Paper-I                                    |
|                 | BNS 305    | Cargo Handling & Stowage Paper-I                       |
|                 | BNS 306    | Bridge Equipment & Watch Keeping Paper-I               |
|                 | BNS 391    | Seaman Ship Lab -1 (Practical)                         |
|                 | BNS 392    | Marine Engineering Workshop -1 (Practical)             |
| 4 <sup>th</sup> | BNS 401    | Life Saving & Fire Fighting Appliances                 |
|                 | BNS 404    | Meteorology Paper-II                                   |



|                 |         |  |
|-----------------|---------|--|
|                 | BNS 405 | Cargo Handling & Stowage Paper-II                    |
|                 | BNS 406 | Ship Maintenance & Emergencies                       |
|                 | BNS 491 | Seamanship Lab –II (Practical)                       |
|                 | BNS 492 | Marine Engineering Workshop-II (Practical)           |
| 5 <sup>th</sup> | BNS 501 | Coastal Navigation & Collision Prevention Regulation |
|                 | BNS 502 | Naval Architecture Paper-I                           |
|                 | BNS 506 | Bridge Equipment & Watch Keeping Paper-II            |
|                 | BNS 591 | Ship Operation Technology Lab (Practical)            |
| 6 <sup>th</sup> | BNS 601 | Voyage Planning & ECDIS                              |
|                 | BNS 603 | Ship Maneuvering & Collision Prevention Regulations  |
|                 | BNS 691 | Navigational Lab (Practical)                         |

**BBA (Heritage Tourism) (2020-2021) as on 06.09.2021**

| SEMESTER        | PAPER CODE     | SUBJECT  |
|-----------------|----------------|--|
| 4 <sup>th</sup> | GE 4B-0        | Any one from GE Basket                         |
|                 | BTHM (HU) A405 | Basics of Business Communication & Soft Skills |

**B.Sc. Medical Instrumentation and Critical Care Technology as on 18.08.2021**

| SEMESTER        | PAPER CODE         | SUBJECT   |
|-----------------|--------------------|---|
| 1 <sup>st</sup> | BMICCT 191         | Basic Anatomy                                       |
|                 | BMICCT 192         | Basics of Physiology                                |
| 2 <sup>nd</sup> | BMICCT 291         | Fundamentals of Biochemistry                        |
| 3 <sup>rd</sup> | BMICCT 391         | Fundamentals of Electricals & Electronics           |
| 4 <sup>th</sup> | BMICCT 492         | ICU Therapy   |
| 5 <sup>th</sup> | BMICCT 591         | CSSD Procedures                                     |
|                 | BMICCT 592         | Cellular Biophysics                                 |
| 5 <sup>th</sup> | BMICCT E593A/B/C/D | Elective-I (Any one paper from ONE specialization)  |
| 6 <sup>th</sup> | BMICCT 691         | Radiation Biophysics                                |
|                 | BMICCT E692A/B/C/D | Elective-II (Any one paper from ONE specialization) |

**B. Sc. (Psychology) as on 28.10.2021**

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 1 <sup>st</sup> | BSCPY-191  | Practical on Reaction Time, Arousal, and identification of changes in facial expressions of emotion |
|                 | BSCPY-192  | Project based Practical on Memory functioning including bedside tests                               |
| 2 <sup>nd</sup> | BSCPY-291  | Practical on statistical methods including usage of Excel   |
|                 | BSCPY-292  | Practical on assessing intelligence and Personality   |





|                 |           |   |
|-----------------|-----------|---|
| 3 <sup>rd</sup> | BSCPY-391 | Project based Practical on Gender Identity  |
|                 | BSCPY-392 | Project based practical on short tool development   |
|                 | BSCPY-393 | Project based practical on Group cohesiveness and problem solving                         |
| 4 <sup>th</sup> | BSCPY-491 | Practical on assessing psychological symptoms of anxiety and depression                   |
|                 | BSCPY-492 | Practical on t test and chi square test   |
|                 | BSCPY-493 | Practical based on Likert's Scale and Goode and Hatte's revision of Bogardus's Scale      |
| 5 <sup>th</sup> | BSCPY-591 | Practical on Psychopathology  |
|                 | BSCPY-592 | Project based Practical on Attachment and Parenting Styles                                |
| 6 <sup>th</sup> | BSCPY-691 | Project based practical on Emotional Intelligence and Motivation of employee              |
|                 | BSCPY-692 | Project based practical on attitude towards mental health treatment in various population |

### B.Sc. in Environment Science (3 years course) as on 07.12.2021

| SEMESTER        | PAPER CODE | SUBJECT  |
|-----------------|------------|--|
| 1 <sup>st</sup> | BENVS 191  | Environment and Sustainability- Concepts and Concerns    |
|                 | BENVS 192  | Earth-Environment System Science                         |
|                 | BENVS 193  | Environmental Resources                                  |
| 2 <sup>nd</sup> | BENVS 291  | Physics and Chemistry of Environment                     |
|                 | BENVS 292  | Environmental Biology                                    |
| 3 <sup>rd</sup> | BENVS 391  | Atmosphere and Climate Change                            |
|                 | BENVS 392  | Biodiversity and Conservation                            |
|                 | BENVS 393  | Water Resource Management                                |
| 4 <sup>th</sup> | BENVS 491  | Green Chemistry and Technological Applications           |
|                 | BENVS 492  | Ecotoxicology and Environmental Biotechnology            |
|                 | BENVS 493  | Environmental Engineering and Pollution Control Measures |
| 5 <sup>th</sup> | BENVS 592  | Natural Hazards and Disaster Management                  |
| 6 <sup>th</sup> | BENVS 691  | Environmental Statistics and Economics                   |
|                 | BENVS 692  | Environmental Analytics                                  |

### B. Sc. - Computer Science – as on 26.05.2022

| SEMESTER        | PAPER CODE | SUBJECT                    |
|-----------------|------------|----------------------------|
| 1 <sup>ST</sup> | CS 191     | Programming using C        |
|                 | CS 192     | Digital Electronics Lab    |
| 2 <sup>nd</sup> | CS 291     | Data Structures Lab        |
|                 | CS 292     | Computer Organization Lab. |



|                 |                            |  |
|-----------------|----------------------------|--|
| 3 <sup>rd</sup> | CS 391                     | OOP using Java   |
|                 | CS 392                     | Design and Analysis of Algorithm Lab   |
|                 | CS 393                     | Database Management Systems Laboratory   |
| 4 <sup>th</sup> | CS 491                     | Operating Systems Lab.   |
|                 | CS 492                     | Data Communication and Computer Networks Lab   |
|                 | CS 493                     | Software Project Management Lab  |
| 5 <sup>th</sup> | CS 591                     | Artificial Intelligence Lab  |
|                 | CS 592                     | Multimedia Laboratory  |
|                 | DSE (Any one)<br>593 A/B/C | Cloud Computing Lab/Cryptography and Information Security Lab/<br>Advance Java Programming Lab |
| 6 <sup>th</sup> | CS 691                     | Machine Learning Lab.  |
|                 | CS 692                     | Web Technology Lab   |
|                 | DSE (Any one)<br>693 A/B   | E-commerce Lab/ Sensor Network and IoT   |

**B.Sc. in Information Technology (Artificial Intelligence) as on 25.03.2022**

| SEMESTER        | PAPER CODE         | SUBJECT                         |
|-----------------|--------------------|---------------------------------|
| 1 <sup>st</sup> | BITAIC191          | Programming Fundamentals Lab    |
| 2 <sup>nd</sup> | BITAIC291          | Data Structures with python lab |
|                 | BITAIC292          | Operating System Lab            |
| 3 <sup>rd</sup> | BITAIC391          | Database Management System Lab  |
|                 | BITAIC392          | Machine Learning Lab            |
|                 | SEC-1<br>BITAIS381 | Object Oriented Programming     |
| 4 <sup>th</sup> | BITAIC491          | Computer Networks               |
|                 | BITAIC492          | Software Engineering            |
|                 | BITAIC493          | Data Visualisation              |
| 5 <sup>th</sup> | BITAIC591          | Deep Learning                   |
|                 | BITAIC592          | Image Processing                |
| 6 <sup>th</sup> | BITAIC691          | Cloud Computing                 |
|                 | BITAIC692          | Robotics                        |



**M.Sc in Film & Television as on 07.02.2022**

| SEMESTER        | PAPER CODE | SUBJECT                                     |
|-----------------|------------|---|
| 1 <sup>st</sup> | MDF 192    | Camera Handling Workshop                    |
| 2 <sup>nd</sup> | MDF 291    | Production Design And Making of Silent Film |
|                 | MDF 292    | Recording sound for film                    |
| 3 <sup>rd</sup> | MDF 391    | Video Editing - II                          |
|                 | MDF 392    | Post Production Techniques                  |
|                 | MDF 393    | Acting and Directing Workshop               |

**M.Sc. in Applied Mathematics (2018-2019) as on 10.09.2021**

| SEMESTER        | PAPER CODE | SUBJECT                                   |
|-----------------|------------|---|
| 1 <sup>st</sup> | MAM 191    | Numerical Methods Lab                     |
|                 | MAM 192    | Data Structure and Algorithms Lab Using C |
| 2 <sup>nd</sup> | MAM 291    | OR Lab                                    |
|                 | MAM 292    | RDBMS                                     |

**M.Sc. in Genetics (2018-2019) as on 07.02.2020**

| SEMESTER        | PAPER CODE | SUBJECT                                  |
|-----------------|------------|--|
| 1 <sup>st</sup> | MSGN-191   | Biochemistry & Analytical Techniques Lab |
|                 | MSGN-192   | Cytogenetics Lab                         |
|                 | MSGN-193   | Data Analysis using Statistical Software |
| 2 <sup>nd</sup> | MSGN-291   | Genetic Engineering Lab                  |
|                 | MSGN-292   | Immunology Lab                           |
| 3 <sup>rd</sup> | MSGN-391   | Lab for Applied Bioinformatics           |
|                 | MSGN-392   | Lab for Developmental Genetics           |

**M.Sc in Data Science as on 21.01.2022**

No Practical Lab required.

**M.Sc. in Microbiology (2018-2019) as on 07.02.2020**

| SEMESTER        | PAPER CODE | SUBJECT                                  |
|-----------------|------------|--|
| 1 <sup>st</sup> | MSMC-191   | Biochemistry & Analytical Techniques Lab |
|                 | MSMC-192   | Microbiology Lab                         |
|                 | MSMC-193   | Data Analysis using Statistical Software |
| 2 <sup>nd</sup> | MSMC-291   | Genetic Engineering Lab                  |
|                 | MSMC-292   | Immunology Lab                           |
| 3 <sup>rd</sup> | MSMC-391   | Applied Bioinformatics Lab               |
|                 | MSMC-392   | Fermentation Technology Lab              |



**M.Sc. in Computer Science as on 24.01.2020**

|                                     |           |  |
|-------------------------------------|-----------|--|
| 1 <sup>st</sup>                     | MCS-191   | Programming Lab (C)                          |
|                                     | MCS-192   | Advanced DBMS Lab                            |
| 2 <sup>nd</sup>                     | MCS-291   | Object Oriented Programming Lab (using Java) |
|                                     | MCS-292   | Data Structure Lab                           |
|                                     | MCS-293   | Microprocessor & VHDL/ Verilog Lab           |
| 3 <sup>rd</sup>                     | MCS-391   | OR Lab                                       |
|                                     | MCS-392   | OS Lab (Unix)                                |
| 4 <sup>th</sup><br>(Elective 3 Lab) | MCS-492A  | Data Ware Housing & Mining Lab               |
|                                     | MCS-492 B | Soft Computing Lab                           |
|                                     | MCS-492C  | Social Network analysis Lab                  |

Note: One elective from each of the three Elective Sets as above may be opted for. The detailed syllabus/ scope of electives shall be finalized in consultation with Board of Studies/ Academic Council of M.Sc. Computer Science under MAKAUT, WB.

**Master of Management Studies (Pharmaceutical Management) as on 24.01.2020**

SOFT CORE (Select -2)

|                 |         |   |
|-----------------|---------|---|
| 2 <sup>nd</sup> | PAE-205 | Pharmaceutical Entrepreneurship                           |
|                 | CAM-206 | Computer Application in Management using SAP              |
|                 | PAC-207 | Pharmaceutical Chemistry –III<br>(Medicinal Chemistry -1) |

**M.Sc. in Human Computing & Artificial Intelligence (2019-2020) as on 24.01.2020**

| SEMESTER        | PAPER CODE | SUBJECT                             |
|-----------------|------------|-------------------------------------|
| 1 <sup>st</sup> | ALP 191    | Practical AI using SAS              |
|                 | ALP 192    | Python Lab                          |
| 2 <sup>nd</sup> | ALP 291    | Advance Python Lab                  |
|                 | ALP 292    | Robotics Lab                        |
| 3 <sup>rd</sup> | ADP 391    | Advanced Data Structure Programming |
|                 | PML 392    | Practical on Machine Learning       |

**M.Sc in Applied Economics as on 15.12.2021**

No lab required

**M.Sc. in Media Science as on 24.01.2020**

|                 |         |                                     |
|-----------------|---------|-------------------------------------|
| 1 <sup>st</sup> | MMC-107 | Steel Photography & Videography Lab |
|-----------------|---------|-------------------------------------|



|  |         |   |
|--|---------|---|
|  | MMC-108 | Lifestyle Management Skills: Advanced Soft Skills, Theatre Workshop           |
|  | MMC-109 | Basic Media Software (Lab)  |
| 2 <sup>nd</sup>  | MMC-206 | Writing, Editing, Practical: Publishing a news letter                         |
|  | MMC-207 | Advanced Multimedia Software Lab:   |
|  | MMC-208 | Digital Film making Lab   |
| <b>Print &amp; Cyber Media</b>   |         |   |
| 3 <sup>rd</sup>  | 305(A)  | Print Practical including Photo Journalism: Publishing a tabloid/newspaper    |
|  | 306(A)  | Conducting a media research related to print & cyber media                    |
|  | 307(A)  | Web journalism practicals: Creating a web page using dream weaver.            |
| <b>Electronic &amp; Entertainment Media (Radio &amp; Television)</b>   |         |   |
|  | 305(B)  | Production of a studio based Television Programme using a multi Camera Setup. |
|  | 306(B)  | Conducting a media research related to Television or Radio                    |
|  | 307(B)  | Production of a Radio Drama/Documentary.                                      |
| <b>Multimedia &amp; Visual Communication: Graphics &amp; Animation</b> |         |   |
|  | 305(C)  | Design Software Lab: Designing invitation cards, Brochures, Book covers       |
|  | 306(C)  | Animation Software Lab: Making a one minute 2D Animation film                 |
|  | 307(C)  | Video/Composting Lab  |
| <b>Marketing Communication: Advertising, PR &amp; Event</b>            |         |   |
|  | 305(D)  | Publicity for an event; Preparing press Kit: Organizing a Press Conference    |
|  | 306(D)  | Comprehensive Multimedia Ad Campaign  |
|  | 307(D)  | Corporate film making   |
| <b>Print &amp; Cyber Media</b>   |         |   |
| 4 <sup>th</sup>  | 404(A)  | Opening a website & Content Creation  |
| <b>Electronic &amp; Entertainment Media (Radio &amp; Television)</b>   |         |   |
|  | 404(B)  | Production of a Television news bulletin                                      |
| <b>Multimedia &amp; Visual Communication: Graphics &amp; Animation</b> |         |   |



|   |        |                                    |
|---|--------|------------------------------------|
|   | 404(C) | Production of a TVC with Animation |
| <b>Marketing Communication: Advertising, PR &amp; Event</b> |        |                                    |
|   | 404(D) | Planning & Executing & Exhibition  |

**M.Sc. in Information Science as on 24.01.2020**

|                 |        |                                |
|-----------------|--------|--------------------------------|
| 1 <sup>st</sup> | MI-193 | Programming Lab with C         |
|                 | MI-194 | Algorithm & Data Structure Lab |
| 2 <sup>nd</sup> | MI-293 | Object Technology Lab          |
|                 | MI-295 | DBMS Lab                       |
| 3 <sup>rd</sup> | MI-391 | Networking Lab                 |
|                 | MI-395 | Internet & Web Designing Lab   |

**M.Sc. in Biotechnology (2018-2019) as on 07.02.2020**

| SEMESTER        | PAPER CODE | SUBJECT                                  |
|-----------------|------------|--|
| 1 <sup>st</sup> | MSBT-191   | Biochemistry & Analytical Techniques Lab |
|                 | MSBT-192   | Microbiology Lab                         |
|                 | MSBT-193   | Cell Biology Lab                         |
| 2 <sup>nd</sup> | MSBT-291   | Recombinant DNA Technology Lab           |
|                 | MSBT-292   | Immunology Lab                           |
| 3 <sup>rd</sup> | MSBT-391   | Applied Bioinformatics Lab               |
|                 | MSBT-392   | Bioprocess Lab                           |

**Master of Optometry (MOPTM) as on 24.01.2020**

| SEMESTER        | PAPER CODE | SUBJECT  |
|-----------------|------------|--|
| 1 <sup>st</sup> | MO-191     | Applied Optometric Optics                                  |
|                 | MO-192     | Advanced ophthalmic diagnostic procedure & instrumentation |
| 2 <sup>nd</sup> | MO-291     | Advanced contact lens practice -I                          |
|                 | MO-281     | Geriatric optometry & Low vision rehabilitation            |
|                 | MO-282     | Pediatric Optometry & Binocular Vision-I                   |
| 3 <sup>rd</sup> | MO-391     | Geriatric optometry and low vision rehabilitation II       |
|                 | MO-392     | Pediatric optometry & binocular vision II                  |
|                 | MO-393     | Advance contact lens practice II                           |
|                 | MO-381     | Recent advances in Optometry                               |



**B.Sc. in Medical Lab Technology (2020-21) as on 01.04.2022**

| SEMESTER        | PAPER CODE                     | SUBJECT   |
|-----------------|--------------------------------|---|
| 1 <sup>st</sup> | CC 1<br>BML 191                | Human Anatomy I                                     |
|                 | CC 2<br>BML 192                | Human Physiology I                                  |
| 2 <sup>nd</sup> | CC 3<br>BML 291                | Human Anatomy II                                    |
|                 | CC 4<br>BML 292                | Human Physiology II                                 |
| 3 <sup>rd</sup> | CC 5<br>BML 391                | Pathology   |
|                 | CC 6<br>BML 392                | Haematology- I                                      |
|                 | CC 7<br>BML 393                | Biochemistry  |
| 4 <sup>th</sup> | CC 8<br>BML 491                | Microbiology  |
|                 | CC 9<br>BML 492                | Haematology-II                                      |
|                 | CC 10<br>BML 493               | Immunology  |
| 5 <sup>th</sup> | CC 11<br>BML 591               | Immunoematology & Blood Banking                     |
|                 | CC 12<br>BML 592               | Parasitology & Virology                             |
|                 | DSE 1 (any one)<br>BML 593 A/B | Diagnostic Cytology/ Diagnostic Histopathology      |
|                 | DSE 2 (any one)<br>BML 594 A/B | Clinical Enzymology/ Biochemistry & Nutrition       |
| 6 <sup>th</sup> | CC 13<br>BML 691               | Clinical Endocrinology & Toxicology                 |
|                 | CC 14<br>BML 692               | Diagnostic Molecular Biology                        |
|                 | DSE 3 (any one)<br>BML 693 A/B | Advanced Diagnostic technique/ Basic Lab Management |



**B.Sc. (MEDICAL LAB TECHNOLOGY) – as on 28.08.2021**

| <b>SEMESTER</b> | <b>PAPER CODE</b>              | <b>SUBJECT</b>  |
|-----------------|--------------------------------|---|
| 1 <sup>ST</sup> | CC 1<br>BML 191                | Human Anatomy I   |
|                 | CC 2<br>BML 192                | Human Physiology I  |
| 2 <sup>nd</sup> | CC 3<br>BML 291                | Human Anatomy II  |
|                 | CC 4<br>BML 292                | Human Physiology II   |
| 3 <sup>rd</sup> | CC 5<br>BML 391                | Pathology   |
|                 | CC 6<br>BML 392                | Haematology - I   |
|                 | CC 7<br>BML 393                | Biochemistry  |
| 4 <sup>th</sup> | CC 8<br>BML 491                | Microbiology  |
|                 | CC 9<br>BML 492                | Haematology- II   |
|                 | CC 10<br>BML 493               | Immunology  |
| 5 <sup>th</sup> | CC 11<br>BML 501               | Clinical Enzymology   |
|                 | CC 12<br>BML 502               | Parasitology & Virology                                     |
|                 | DSE 1 (any one)<br>BML 593 A/B | Diagonostic cytology/ Diagnostic Histopathology             |
|                 | DSE 2 (any one)<br>BML 594 A/B | Clinical Enzymology/ Biochemistry & Nutrition               |
| 6 <sup>th</sup> | CC 13<br>BML 601               | Clinical Endocrinology & Toxicology                         |
|                 | CC 14<br>BML 602               | Diagnostic Molecular Biology                                |
|                 | DSE 3 (any one)<br>BML 693 A/B | Advanced Diagnostic Techniques/ Basic Laboratory Management |





**M.Sc. in Clinical Psychology (2018-2019) as on 25.05.2022**

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 1 <sup>st</sup> | MCP-191    | Personality & IQ Assessment   |
| 2 <sup>nd</sup> | MCP-291    | Projective Technique, Scale Construction  |
| 3 <sup>rd</sup> | MCP-391    | Clinical Assessment (Case History Taking & Psychometric Evaluation) on Out-door Clients   |
| 4 <sup>th</sup> | MCP-491    | Clinical Assessments (Case-history Taking & Psychometric Evaluation) on Out-door Clients (adult case). Observation and Clinical Symptoms rating |

**BBA (Commerce & International Accounting) as on 25.05.2022**

| SEMESTER        | PAPER CODE | SUBJECT               |
|-----------------|------------|-----------------------|
| 6 <sup>th</sup> | DSE 4      | (BBA C & IA 604) A*/B |

**B.Sc. in Behavioral Science and Applied Psychology – as on 01.04.2022**

| SEMESTER        | PAPER CODE        | SUBJECT                            |
|-----------------|-------------------|------------------------------------|
| 3 <sup>rd</sup> | SEC 1<br>BSCA 354 | Basics of assessment in psychology |
| 4 <sup>th</sup> | SEC 2<br>BBS 455  | Statistic Lab-I                    |

**M.Sc. (Data Analytics) as on 24.01.2020**

|                 |         |                                   |
|-----------------|---------|-----------------------------------|
| 1 <sup>st</sup> | MDS-191 | Analytics Lab I                   |
|                 | MDS-192 | Advanced DBMS Lab                 |
|                 | MDS-193 | Python Lab                        |
| 2 <sup>nd</sup> | MDS-291 | Advanced Python Lab               |
|                 | MDS-292 | Analytics Lab II                  |
| 3 <sup>rd</sup> | MDS-391 | Data Mining Lab                   |
|                 | MDS-392 | Big Data Technology and OLTP Lab. |

**M.Sc. (Data Science and Analytics) as on 09.02.2022**

|                 |         |                                 |
|-----------------|---------|---------------------------------|
| 1 <sup>st</sup> | MDS-191 | Analytics Lab I                 |
|                 | MDS-192 | DBMS Lab                        |
|                 | MDS-193 | OS Lab using Linux/ Unix        |
| 2 <sup>nd</sup> | MDS-291 | Object Oriented Programming Lab |
|                 | MDS-292 | Analytics Lab II                |
| 3 <sup>rd</sup> | MDS-391 | Data Mining Lab                 |



|  |         |                                   |
|--|---------|-----------------------------------|
|  | MDS-392 | Big Data Technology and OLTP Lab. |
|--|---------|-----------------------------------|

**M.Sc. in Information and Cyber Security (2019-2020) as on 24.01.2020**

| SEMESTER        | PAPER CODE | SUBJECT                               |
|-----------------|------------|---------------------------------------|
| 1 <sup>st</sup> | MICS191    | Python Programming Lab                |
|                 | MICS192    | Design and Analysis of Algorithms Lab |
| 2 <sup>nd</sup> | MICS291    | Machine Learning Lab                  |
|                 | MICS292    | Operating Systems Lab                 |
| 3 <sup>rd</sup> | MICS391    | Linux Systems Security Lab            |
|                 | MICS392    | Wireless Security Lab                 |

**M.Sc. in Visual Communication (2018-2019) as on 24.01.2020**

| SEMESTER        | PAPER CODE    | SUBJECT  |
|-----------------|---------------|--|
| 1 <sup>st</sup> | MVC101        | Visual Language and Perception   |
|                 | MVC102        | Design Methodology & Process   |
|                 | MVC 103       | Design Research  |
|                 | MVC191        | Conceptual Photography   |
|                 | MVC 192       | Digital Design I   |
| 2 <sup>nd</sup> | MVC201        | Semiotics and Cultural Studies   |
|                 | MVC202        | Production Management (Specialization Paper A/B) (A-Animation   B-Visual Design) |
|                 | MVC203        | Multimedia and E-Commerce (Design Domain)  |
|                 | MVC291        | Understanding Digital Film making and sequential narrative                       |
|                 | MVC292        | Digital Design II  |
| 3 <sup>rd</sup> | MVC 301A      | Animation Design & Management  |
|                 | MVC 301B      | Design for Advertising & Management  |
|                 | MVC 391 (A/B) | Digital Design – III   |

**M.Sc in Film Making as on 24.01.2020**

| SEMESTER        | PAPER CODE | SUBJECT  |
|-----------------|------------|--|
| 1 <sup>st</sup> | MFTTA 192  | Camera & Grip, Dolly, Motion Capture Handling Workshop |
| 2 <sup>nd</sup> | MFTTA 291  | Production Design and Making of Silent Film            |
|                 | MFTTA 292  | Recording sound for film                               |
| 3 <sup>rd</sup> | MFTTA 391  | Digital Non-Linear Editing - II                        |
|                 | MFTTA 392  | Post Production Techniques – Live Action & VFX         |



**M.Sc. (Digital Films) (2018-19)**

|                 |          |   |
|-----------------|----------|---|
| 1 <sup>st</sup> | MDF-191  | Writing Script on a Short Film              |
|                 | MDF -192 | Camera Handling Workshop                    |
| 2 <sup>nd</sup> | MDF-291  | Production Design And Making of Silent Film |
|                 | MDF-292  | Recording Sound for Film                    |
| 3 <sup>rd</sup> | MDF -391 | Video Editing –II                           |
|                 | MDF -392 | Post Production Techniques                  |

**M.Sc. (Fashion Management) as on 24.01.2020**

|                 |          |  |
|-----------------|----------|--|
| 1 <sup>st</sup> | MFM-191  | Fashion Design Process                     |
|                 | MFM –192 | Computer Application –I                    |
|                 | MFM- 193 | Fashion Styling & Photography              |
| 2 <sup>nd</sup> | MFM-291  | Computer Application –II                   |
|                 | MFM -292 | Life Style Journalism                      |
| 3 <sup>rd</sup> | MFM- 391 | Communication Skill, Grooming & Etiquettes |
|                 | MFM -392 | Visual Merchandising & Window Display      |

**M.Sc. in Hospitality Management as on 24.01.2020**

No Practical Lab required.

**B.Sc. Dietetics and Nutrition as on 13.09.2022**

|                 |         |                      |
|-----------------|---------|----------------------|
| 1 <sup>st</sup> | BDN 191 | Basic of Nutrition   |
|                 | BDN 192 | Microbiology of Food |
| 2 <sup>nd</sup> | BDN-291 | Basic Chemistry      |
|                 | BDN-292 | Food Science         |

**M.Sc. (Dietetics and Nutrition) as on 24.01.2020**

|                 |           |  |
|-----------------|-----------|--|
| 1 <sup>st</sup> | MDN – 191 | Nutritional Physiology & Bio Chemistry           |
|                 | MDN – 192 | Biometric Assessment of Nutritional Status       |
| 2 <sup>nd</sup> | MDN – 291 | Therapeutic Diet Chart Preparation- I            |
| 3 <sup>rd</sup> | MDN – 391 | Therapeutic Diet Chart Preparation- II           |
| 4 <sup>th</sup> | MDN – 483 | Practical Exposure to Microbiology and Packaging |

**B.Sc. (Interior Designing) – 3 Years as 03.02.2020**

|                 |          |                                  |
|-----------------|----------|----------------------------------|
| 1 <sup>st</sup> | BID-191  | Design & Drawing Fundamentals-I  |
|                 | BID -192 | Technical Drafting –I            |
| 2 <sup>nd</sup> | BID -291 | Technical Drafting –II           |
| 3 <sup>rd</sup> | BID -391 | Computer Aided Design Studies –I |



|                 |          |   |
|-----------------|----------|---|
|                 |          | Introduction to AUTOCAD (2D)                                      |
|                 | BID -392 | Furniture Design & Technologies                                   |
| 4 <sup>th</sup> | BID -491 | Architectural Landscape Design                                    |
|                 | BID -492 | Computer Aided Design Studies –II<br>Introduction to AUTOCAD (3D) |
| 5 <sup>th</sup> | BID -592 | Computer Aided Design Studies –III (3D Max)                       |

**B. Sc in Sustainable & Fashion Design Management [3 years Course] as on 29.11.2019**

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 1 <sup>ST</sup> | BFD191     | Visual Interpretation & Communication - I                           |
|                 | BFD192     | Pattern making & Garment Construction Techniques (Womenswear) - I   |
|                 | BFD193     | Computer Basics (Word, Excel, PowerPoint)                           |
| 2 <sup>nd</sup> | BFD 291    | Visual Interpretation & Communication - II                          |
|                 | BFD 292    | Pattern making & Garment Construction Techniques (Womenswear) - II  |
|                 | BFD 293    | Computer Graphics - I (Corel Draw & Photoshop)                      |
| 3 <sup>rd</sup> | BFD 391    | Visual Interpretation & Communication - III                         |
|                 | BFD 392    | Pattern making & Garment Construction Techniques (Womenswear) - III |
|                 | BFD 393    | Computer Graphics - II (Adobe Photoshop & Illustrator)              |
| 4 <sup>th</sup> | BFD 491    | Visual Interpretation & Communication - IV                          |
|                 | BFD 492    | Pattern making & Garment Construction Techniques (Menswear) - IV    |
|                 | BFD 493    | Computer Graphics - III (Adobe InDesign)                            |
| 5 <sup>th</sup> | BFD591     | Grading & Indian Apparel Pattern Making                             |
|                 | BFD592     | Introduction to Kids wear   |

**B.Sc. in 3D Animation Film Making (3 years Course)**

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 1 <sup>st</sup> | BTA FM-191 | Introduction to Drawing                                     |
|                 | BTA FM-192 | Figure Drawing  |
|                 | BTA FM-193 | Visual Communication  |
| 2 <sup>nd</sup> | BTA FM-291 | Classical Animation   |
|                 | BTA FM-292 | Graphic Designing & Video & Audio Editing & Motion Graphics |
| 3 <sup>rd</sup> | BTA FM-391 | Clay Modelling  |
|                 | BTA FM-392 | Fundamentals of CG Modeling                                 |
|                 | BTA FM-393 | Texturing & Lighting  |



|                 |            |                                   |
|-----------------|------------|-----------------------------------|
| 4 <sup>th</sup> | BTA FM-394 | Basics of Nuke                    |
|                 | BTA FM-491 | Rigging                           |
|                 | BTA FM-492 | Character Animation               |
| 5 <sup>th</sup> | BTA FM-493 | Dynamics                          |
|                 | BTA FM-591 | Modeling & Texturing              |
|                 | BTA FM-592 | Texturing & Lighting              |
|                 | BTA FM-593 | Rigging & Character Animation     |
|                 | BTA FM-594 | Lighting & Compositing, Rendering |

**B.Sc. in VFX Film Making (2020-2021) as on 08.03.2022**

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 1 <sup>st</sup> | BVFM 191   | Introduction To Drawing (P)   |
|                 | BVFM 192   | Advance Drawing (P)   |
| 2 <sup>nd</sup> | BVFM 291   | Script To Screen; Understanding Film Technology And Film Language Lab |
|                 | BVFM 292   | Graphic Designing, Audio & Video Editing Lab                          |
| 3 <sup>rd</sup> | BVFM 391   | Clay Modelling & Cg Modeling Lab                                      |
|                 | BVFM 392   | Texturing Lab   |
|                 | BVFM 393   | Rigging & 3d Animation Lab  |
| 4 <sup>th</sup> | BVFM 491   | Lighting & Compositing; Introduction To Nuke Lab                      |
|                 | BVFM 492   | CG Pyro – Techniques Lab  |
|                 | BVFM 493   | Roto; Paint ; Chroma Keying Lab                                       |
| 5 <sup>th</sup> | BVFM 591   | Clean UPS & Matte Painting Lab  |
|                 | BVFM 592   | Camera Tracking + Match Moving Lab                                    |
|                 | BVFM 593   | Live Action Film Making Lab   |
| 6 <sup>th</sup> | BVFM 691   | Live Action; Compositing, Set Extension, Cinematography Lab           |
|                 | BVFM 692   | Advance Compositing & Cg Integration                                  |

**B.Sc. in Animation & Film Making (2021-22) as on 02.03.2022**

| SEMESTER        | PAPER CODE | SUBJECT  |
|-----------------|------------|--|
| 1 <sup>ST</sup> | BAFM191    | INTRODUCTION TO DRAWING (P)                      |
|                 | BAFM192    | ADVANCE DRAWING (P)                              |
| 2 <sup>nd</sup> | BAFM291    | 2D ANIMATION (CLASSICAL & DIGITAL ANIMATION) Lab |
|                 | BAFM292    | GRAPHIC DESIGNING, AUDIO & VIDEO EDITING Lab     |
| 3 <sup>rd</sup> | BAFM391    | CLAY MODELLING & CG MODELING Lab                 |
|                 | BAFM392    | TEXTURING Lab                                    |



|                 |         |  |
|-----------------|---------|--|
|                 | BAFM393 | LIGHTING & COMPOSITING (INTRO TO NUKE) Lab |
| 4 <sup>th</sup> | BAFM491 | RIGGING Lab                                |
|                 | BAFM492 | PROPS & CHARACTER ANIMATION                |
|                 | BAFM493 | DYNAMICS (VFX) Lab                         |
| 5 <sup>th</sup> | BAFM591 | PRE-PRODUCTION CONTENT DEVELOPMENT Lab     |
|                 | BAFM592 | 2D DIGITAL ANIMATION Lab                   |
|                 | BAFM593 | Stop Motion Animation Lab                  |
| 6 <sup>th</sup> | BAFM691 | ACTING FOR ANIMATORS Lab                   |
|                 | BAFM692 | ADVANCE CHARACTER ANIMATION Lab            |

**BBA in Real Estate Management (2018-2019) as on 28.01.2020**

| SEMESTER        | PAPER CODE  | SUBJECT  |
|-----------------|-------------|--|
| 1 <sup>st</sup> | BBARE – 104 | Computer Applications-I                        |
| 2 <sup>nd</sup> | BBARE – 201 | Soft-Skill for Business                        |
|                 | BBARE – 202 | Management Concepts & Practices                |
|                 | BBARE – 203 | Practical on Technological Aspects of Business |
|                 | BBARE – 204 | Economics for Managers                         |
|                 | BBARE – 205 | Fundamentals of Accounting                     |
| 3 <sup>rd</sup> | BBARE -301  | Legal Framework for Real Estate                |
|                 | BBARE -302  | Accounting for Managers                        |
| 4 <sup>th</sup> | BBARE -402  | Building Materials & Design                    |
|                 | BBARE -404  | Construction Management                        |
| 5 <sup>th</sup> | BBARE -504  | Maintenance Management                         |

**BBA (Entrepreneurship) (2019-2020) as on 28.01.2020**

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 3 <sup>rd</sup> | BBAE-302   | E-Commerce and Cyber Security in Small Business |
|                 | BBAE-303   | Digital Marketing & Logistics Planning          |

**BBA in Digital Marketing (2021-220as on 13.06.2022**

| SEMESTER        | PAPER CODE         | SUBJECT   |
|-----------------|--------------------|---|
| 1 <sup>st</sup> | BBA(DM)191         | Introduction to Media and Computer Applications |
| 3 <sup>rd</sup> | BBA(DM)391         | Business Research Methods                       |
|                 | SEC<br>BBA(DM) 305 | Personality Development                         |
| 4 <sup>th</sup> | SEC                | R /Python Fundamentals                          |



|                 |              |                                       |
|-----------------|--------------|---------------------------------------|
|                 | BBA(DM) 495  |                                       |
| 6 <sup>th</sup> | BBA (DM) 692 | Data Visualization and Interpretation |

**B.Sc. Environmental Science(2021-22) as on 07.12.2021**

| SEMESTER        | PAPER CODE         | SUBJECT  |
|-----------------|--------------------|--|
| 1 <sup>st</sup> | CC 1<br>BENVS 191  | Environment and Sustainability- Concepts and Concerns    |
|                 | CC 2<br>BENVS 192  | Earth-Environment System Science                         |
|                 | GE 1<br>BENVS 193  | Environmental Resources                                  |
| 2 <sup>nd</sup> | CC 3<br>BENVS 291  | Physics and Chemistry of Environment                     |
|                 | CC 4<br>BENVS 292  | Environmental Biology                                    |
| 3 <sup>rd</sup> | CC 5<br>BENVS 391  | Atmosphere and Climate Change                            |
|                 | CC 6<br>BENVS 392  | Biodiversity and Conservation                            |
|                 | CC 7<br>BENVS 393  | Water Resource Management                                |
| 4 <sup>th</sup> | CC 8<br>BENVS 491  | Green Chemistry and Technological Applications           |
|                 | CC 9<br>BENVS 492  | Ecotoxicology and Environmental Biotechnology            |
|                 | CC 10<br>BENVS 493 | Environmental Engineering and Pollution Control Measures |
| 5 <sup>th</sup> | CC 12<br>BENVS 592 | Natural Hazards and Disaster Management                  |
| 6 <sup>th</sup> | CC 13<br>BENVS 691 | Environmental Statistics and Economics                   |
|                 | CC 14<br>BENVS 692 | Environmental Analytics                                  |

**B.Sc. In Gaming (2019-20) as on 03.02.2020**

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 1 <sup>st</sup> | BGD – 191  | 2D Game Production Details                            |
|                 | BGD – 192  | Logic and Physics in Game Production & Making UI & UX |



|                 |           |  |
|-----------------|-----------|--|
|                 | BGD – 193 | Introduction to C# Code in Game                                      |
| 2 <sup>nd</sup> | BGD – 291 | Making Game Codes  |
|                 | BGD – 292 | AI in Game   |
|                 | BGD – 293 | 3D Character Development Introduction                                |
|                 | BGD – 294 | Internship & Lab Making Casual 2D Game                               |
| 3 <sup>rd</sup> | BGD – 391 | 3D Character Development & Rigging                                   |
|                 | BGD – 392 | Defining Game with Animation   |
|                 | BGD – 393 | Advanced AI, Sound & Game Design                                     |
|                 | BGD – 394 | HTML 5 Game  |
|                 | BGD – 395 | Internship & Lab Making  |
| 4 <sup>th</sup> | BGD – 491 | Introduction to RPG Game   |
|                 | BGD – 492 | Internship & Lab Making (Making of Full-Length FPS 3D Game)          |
| 5 <sup>th</sup> | BGD – 591 | iOS Game Development   |
|                 | BGD – 592 | Apple Game Development Framework                                     |
|                 | BGD – 593 | Internship & Lab Making (Making of Full-Length Android and iOS Game) |
| 6 <sup>th</sup> | BGD – 691 | AR Game Development  |
|                 | BGD – 692 | XR Game Development  |

#### **B.Sc. in Media Science and Film Making (2019-20) as on 29.11.2019**

| <b>SEMESTER</b> | <b>PAPER CODE</b> | <b>SUBJECT</b>                |
|-----------------|-------------------|-------------------------------|
| 1 <sup>st</sup> | BMS(N)191         | Photography                   |
|                 | BMS(N)192         | Basic Computer Application    |
|                 | BMS(N)193         | Visual Design                 |
| 2 <sup>nd</sup> | BMS(N) 291        | PR & Events: Lab              |
|                 | BMS(N) 292        | Ad Design and Page Layout Lab |
| 3 <sup>rd</sup> | BMS(N)391         | Ad Design & Campaign Lab      |
| 4 <sup>th</sup> | BMS(N)491         | Film Making Lab               |
| 5 <sup>th</sup> | BMS(N)591         | Electronic Media (Lab)        |
|                 | BMS(N)592         | Stage Production (Lab)        |
| 6 <sup>th</sup> | BMS (N) 691       | Film Making – Lab             |

#### **B.Sc. in Yoga (2020-21) as on 01.04.2022**

| <b>SEMESTER</b> | <b>PAPER CODE</b> | <b>SUBJECT</b>                 |
|-----------------|-------------------|--------------------------------|
| 1 <sup>st</sup> | CC 2BSY 192       | Yog-Abhyasa                    |
| 2 <sup>nd</sup> | CC 4BSY 292       | Yog-Abhyasa II                 |
| 3 <sup>rd</sup> | CC 5BSY 393       | Yoga for common Ailments       |
| 4 <sup>th</sup> | CC 9BSY 493       | Classical Meditation Technique |





|                 |               |                  |
|-----------------|---------------|------------------|
| 5 <sup>th</sup> | DSE1 BSY 593B | Yogic Techniques |
| 6 <sup>th</sup> | DSE1 BSY 693A | Laya Yoga        |

**B.Sc. in IT –(2020-21) as on 26.05.2022**

| SEMESTER        | PAPER CODE | SUBJECT                                |
|-----------------|------------|--|
| 1 <sup>ST</sup> | BSCIT 191  | Data Structure and algorithm using C   |
|                 | BSCIT 192  | Fundamental of Programming with Python |
| 2 <sup>nd</sup> | BSCIT 291  | OOPs and Programming with JAVA         |
| 3 <sup>rd</sup> | BSCIT 392  | Database Management System             |
|                 | BSCIT 305  | GUI PROGRAMMING WITH .NET              |
| 4 <sup>th</sup> | BSCIT 491  | Operating System with UNIX Programming |
| 5 <sup>th</sup> | BSCIT 591  | Management Information System          |
| 6 <sup>th</sup> | BSCIT 691  | Web Technology                         |

**B.Sc. (Physiotherapy Management and Healthcare Science) (2020-2021) as on 19.05.2022**

| SEMESTER        | PAPER CODE     | SUBJECT   |
|-----------------|----------------|---|
| 1 <sup>st</sup> | BPHM 102       | Human Anatomy & Physiology (General)              |
| 2 <sup>nd</sup> | BPHM 201       | Essentials of Exercise Therapy                    |
|                 | BPHM 204       | Business Communication & Language Lab             |
| 3 <sup>rd</sup> | BPHM 303 & 393 | Application of Electrotherapy                     |
|                 | BPHM 305       | Computer Application                              |
| 4 <sup>th</sup> | BPHM402        | Physiotherapy Management in Orthopedic Conditions |
|                 | BPHM 403       | Physiotherapy Management in General Conditions    |
|                 | BPHM 405       | Basic Nursing and First Aid Techniques            |
| 5 <sup>th</sup> | BPHM 501       | Rehabilitation on Medicine                        |

**B.SC. (STATISTICS) 2021-22 – as on 22.06.2022**

| SEMESTER        | PAPER CODE | SUBJECT  |
|-----------------|------------|--|
| 1 <sup>ST</sup> | BSTAT 191  | Descriptive Statistics Laboratory              |
| 2 <sup>nd</sup> | BSTAT 291  | Probability Laboratory                         |
| 3 <sup>rd</sup> | BSTAT 392  | Statistical Decision-Making Laboratory         |
| 4 <sup>th</sup> | BSTAT 491  | Survey Sampling Laboratory                     |
|                 | BSTAT 492  | Statistical Quality Control Laboratory         |
| 5 <sup>th</sup> | BSTAT 591  | Stochastic process and queuing and lab         |
|                 | BSTAT 592  | Computer Age Statistical Techniques Laboratory |
| 6 <sup>th</sup> | BSTAT 692  | Design of Experiments Laboratory               |



**B.S.C. IN DIGITAL HEALTH & TELE-MEDICINE – as on 27.08.2021**

| SEMESTER        | PAPER CODE | SUBJECT  |
|-----------------|------------|--|
| 1 <sup>ST</sup> | DHT 192    | Data capture, visualization and error analysis in healthcare (P) |
| 2 <sup>nd</sup> | DHT 292    | Human Disease and Diagnosis (P)                                  |
| 3 <sup>rd</sup> | DHT 301    | Introduction to Clinical Pharmacotherapeutics                    |
|                 | DHT 392    | Medical Instrumentation and its Applications(P)                  |
|                 | DHT 393    | Clinical Terminology Systems and Interoperability(P)             |
|                 | DHT 304    | Telemedicine Platforms   |
| 4 <sup>th</sup> | DHT 492    | Image Processing and Transmission(P)                             |
|                 | DHT 405    | Clinical Applications of Biomedical Signal Processing            |

**Bachelor in Business Administration (Global Business) (2020-21) as on 01.04.2022**

| SEMESTER        | PAPER CODE          | SUBJECT           |
|-----------------|---------------------|-------------------|
| 3 <sup>rd</sup> | SEC 1<br>BBA GB 354 | Statistics Lab I  |
| 4 <sup>th</sup> | SEC 2<br>BBA GB 455 | Statistics Lab II |

**BBA (Accountancy, Taxation & Auditing) (2020-21) as on 10.09.2021**

| SEMESTER        | PAPER CODE               | SUBJECT   |
|-----------------|--------------------------|---|
| 1 <sup>st</sup> | AECC 1<br>BBA AT & A 101 | Communicative English   |
| 3 <sup>rd</sup> | CC 6<br>BBA AT & A 302   | Information Technology in Business & E- Commerce                      |
|                 | SEC 1<br>BBA AT & A 305  | Any One from the List of Skill Enhancement Course                     |
| 4 <sup>th</sup> | GE 4                     | Any One from the List of Generic Elective / Interdisciplinary Courses |
|                 | SEC 2<br>BBA AT & A 405  | Any One from the List of Skill Enhancement Course                     |

**M.Sc. in Film Making (2 years Course)**

| SEMESTER | PAPER CODE | SUBJECT  |
|----------|------------|--|
| 1st      | MFTTA 191  | Writing Script for a Short Film                        |
|          | MFTTA 192  | Camera & Grip, Dolly, Motion Capture Handling Workshop |
| 2nd      | MFTTA 291  | Production Design and Making of Silent Film            |
|          | MFTTA 292  | Recording sound for Film                               |
| 3rd      | MFTTA 391  | Digital Non-Linear Editing - II                        |
|          | MFTTA 392  | Post Production Techniques – Live Action & VFX         |



|  |           |  |
|--|-----------|--|
|  | MFTTA 393 | Method Acting and Directing Actor Workshop |
|--|-----------|--|

**M.Sc. in Information & Cyber Security (2019-20) as on 24.01.2020**

| SEMESTER | PAPER CODE | SUBJECT                               |
|----------|------------|---------------------------------------|
| 1st      | MICS191    | Python Programming Lab                |
|          | MICS192    | Design and Analysis of Algorithms Lab |
| 2nd      | MICS291    | Machine Learning Lab                  |
|          | MICS292    | Operating Systems Lab                 |
| 3rd      | MICS391    | Linux Systems Security Lab            |
|          | MICS392    | Wireless Security Lab                 |

**M.Sc. in Yoga (2019-20) as on 24.07.2019**

| SEMESTER | PAPER CODE | SUBJECT                      |
|----------|------------|------------------------------|
| 1st      | MSY-191    | Advanced Yoga Practice –I    |
| 2nd      | MSY-291    | Advanced Yoga Practice – II  |
| 3rd      | MSY-391    | Advanced Yoga Practice – III |
|          | MSY-392    | Yoga Therapy – I             |
| 4th      | MSY-491    | Pranayama & Meditation       |
|          | MSY-492    | Yoga Therapy – II            |
|          | MSY-493    | Teaching Practice            |

**M.Sc. in Environmental Sciences (2021-22) as on 26.11.2021**

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 1 <sup>st</sup> | MENV 191   | Practical Applications of Environmental Geoscience                |
|                 | MENV 192   | Analytical and Instrumentation Techniques on Energy & Environment |
| 2 <sup>nd</sup> | MENV 291   | Pollution Assessment  |

**M.Sc. in Applied Statistics and Analytics(2021-22) as on 07.12.2021**

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 1 <sup>st</sup> | MS-ASA 191 | Programming Language Laboratory                           |
|                 | MS-ASA 192 | Laboratory for Statistics and Linear Algebra              |
| 2 <sup>nd</sup> | MS-ASA 291 | Regression and Time Series Laboratory                     |
|                 | MS-ASA 292 | Optimization Techniques and Stochastic Process Laboratory |
| 3 <sup>rd</sup> | MS-ASA 391 | Analytics Laboratory                                      |
|                 | MS-ASA 392 | Machine Learning Laboratory                               |
| 4 <sup>th</sup> | MS-ASA 491 | Advanced Analytics Laboratory                             |



**B.VOC in Hardware Networking (UGC) (2018-19) as on 16.11.2019**

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 1 <sup>ST</sup> | UGEN – 191 | Computer Fundamentals & IT Lab                              |
|                 | UHWNV-192  | Basic Electronics Lab                                       |
|                 | UHWNV-193  | Digital Electronics Lab                                     |
|                 | UHWNV-194  | Practical on Computer Components Identification and Testing |
| 2 <sup>nd</sup> | UHWNV-291  | Personal Computing Software Lab                             |
|                 | UHWNV-292  | Computer Hardware, PC Assembling & Trouble Shooting Lab     |
|                 | UHWNV-293  | Practical on Laptop Trouble Shooting                        |
| 3 <sup>rd</sup> | UHWNV-391  | Computer Peripheral and Devices Lab                         |
|                 | UHWNV-392  | Network Fundamentals Lab                                    |
|                 | UHWNV-393  | Practical on Networking                                     |
| 4 <sup>th</sup> | UHWNV-491  | Windows Server Administration Lab                           |
|                 | UHWNV-492  | Switching and Routing Lab                                   |
|                 | UHWNV-493  | Practical on Routing Configuration & Network Connectivity   |
| 5 <sup>th</sup> | UHWNV-591  | Linux Operating System Lab                                  |
|                 | UHWNV-592  | Network Administration & Trouble Shooting Lab               |
|                 | UHWNV-593  | Practical on Switching Configuration & Network Connectivity |

**B.VOC in Automobile Servicing Technology (UGC) (3 years Course) as on 16.11.2019**

| SEMESTER        | PAPER CODE | SUBJECT                                    |
|-----------------|------------|--|
| 1 <sup>st</sup> | UGEN – 191 | Computer Fundamentals & IT Lab             |
|                 | UAMV - 192 | Fundamentals of Automobile Engineering Lab |
|                 | UAMV - 193 | Workshop Science & Technology Lab          |
|                 | UAMV - 194 | Engineering Drawing                        |
| 2 <sup>nd</sup> | UAMV – 291 | Basic Electrical & Electronics Lab         |
|                 | UAMV - 292 | Petrol Engine Lab                          |
| 3 <sup>rd</sup> | UAMV - 391 | Cad Lab                                    |
|                 | UAMV - 392 | Diesel Engine Lab                          |
|                 | UAMV - 393 | Automobile Body & Chassis Engineering Lab  |
| 4 <sup>th</sup> | UAMV - 491 | Vehicle Performance and Testing Lab        |
|                 | UAMV - 492 | Automotive Safety Lab                      |
|                 | UAMV - 493 | Auto Electrical Systems & Transmission Lab |
| 5 <sup>th</sup> | UAMV - 591 | Two and Three Wheelers Lab                 |
|                 | UAMV - 592 | Automotive Air Conditioning Lab            |

**B.VOC in Fashion Design (UGC) (3 years Course)**

| SEMESTER | PAPER CODE | SUBJECT |
|----------|------------|---------|
|----------|------------|---------|



|                 |           |   |
|-----------------|-----------|---|
| 1 <sup>st</sup> | UBVFD191  | Visual Interpretation & Communication - I   |
|                 | UBVFD 192 | Pattern Making & Garment Construction Techniques (Womenswear) - I   |
|                 | UBVFD 193 | Design Studio - I   |
| 2 <sup>nd</sup> | UBVFD 291 | Visual Interpretation & Communication – II  |
|                 | UBVFD 292 | Pattern Making & Construction Techniques (Womenswear) - II  |
|                 | UBVFD 293 | Surface Design Development Techniques - I   |
|                 | UBVFD 294 | Computer Aided Design Studies I (Introduction To Photoshop)   |
|                 | UBVFD 295 | Design Studio- II   |
| 3 <sup>rd</sup> | UBVFD 391 | Visual Interpretation & Communication – III   |
|                 | UBVFD 392 | Pattern Making & Construction Techniques (Womenswear) - III   |
|                 | UBVFD 393 | Draping Techniques (Womenswear) – I   |
|                 | UBVFD 394 | Computer Aided Design Studies - II (Adobe Photoshop & Illustrator)  |
|                 | UBVFD 395 | Design Studio- III  |
| 4 <sup>th</sup> | UBVFD 491 | Surface Design for Textiles & Modern Industry Innovations 3D Printing, Laser Cutting, Digital Print Technology, Sustainable Materials Development |
|                 | UBVFD 492 | Draping Techniques (Womenswear) – II  |
|                 | UBVFD 493 | Pattern Making & Construction Techniques (Menswear) - IV  |
|                 | UBVFD 494 | Computer Aided Design Studies III (Adobe Indesign)  |
|                 | UBVFD 495 | Fashion Image – Styling, Sourcing & Visual Merchandising  |
|                 | UBVFD 496 | Design Studio - IV  |
| 5 <sup>th</sup> | UBVFD 592 | Professional Portfolio Development - I  |
|                 | UBVFD 593 | Digital Design Communication & Brand Development - I  |
|                 | UBVFD 594 | Design Studio - V   |
| 6 <sup>th</sup> | UBVFD 691 | Professional Portfolio Development - II   |

#### **B.VOC in BFSI (UGC) (3 years Course) as on 16.112019**

| <b>SEMESTER</b> | <b>PAPER CODE</b> | <b>SUBJECT</b>                                   |
|-----------------|-------------------|--|
| 1 <sup>st</sup> | UGEN – 191        | Computer Fundamentals & IT Lab                   |
|                 | UBFSIV – 192      | Practical on Basic Computing Skill               |
| 4 <sup>th</sup> | UBFSIV – 491      | Practical on Microfinance And Retail Banking Lab |

#### **B. VOC in Beauty &Aesthetics (UGC) (3 years Course) as on 16.112019**

| <b>SEMESTER</b> | <b>PAPER CODE</b> | <b>SUBJECT</b>                |
|-----------------|-------------------|-------------------------------|
| 1 <sup>st</sup> | UGEN – 191        | Computer Fundamentals& IT Lab |
|                 | UBAV - 192        | Beauty Regime Lab             |



|                 |            |  |
|-----------------|------------|--|
|                 | UBAV - 193 | Fundamentals of Beauty Lab                 |
|                 | UBAV - 194 | Hand and Feet Treatments Lab               |
| 2 <sup>nd</sup> | BAV - 291  | Make Up Artistry Lab                       |
|                 | UBAV - 292 | Hair Designing Lab                         |
|                 | UBAV - 293 | Chemical Hair Procedures Lab               |
| 3 <sup>rd</sup> | UBAV - 391 | Advance Makeup Techniques Lab              |
|                 | UBAV - 392 | Body Therapy Lab                           |
|                 | UBAV - 393 | Salon And Customer Care Lab                |
| 4 <sup>th</sup> | UBAV - 491 | Spa Indulgence Lab                         |
|                 | UBAV - 492 | Basic Ayurveda, Naturopathy And Beauty Lab |
|                 | UBAV - 493 | Hair Trichology Lab                        |
| 5 <sup>th</sup> | UBAV - 591 | Laser Fundamentals and Safety Lab          |
|                 | UBAV - 592 | Electrical & Chemical Treatments Lab       |
|                 | UBAV - 593 | Pre-Bridal Grooming Plan Lab               |

#### B. VOC in Interior Design (UGC) (3 years Course)

| SEMESTER        | PAPER CODE | SUBJECT  |
|-----------------|------------|--|
| 1 <sup>st</sup> | UGEN - 191 | Computer Fundamentals & IT Lab   |
|                 | UIDV - 192 | Basic Civil Construction Lab   |
|                 | UIDV - 193 | Basic Interior Design & Construction Lab                               |
|                 | UIDV - 194 | Interior Drawings  |
| 2 <sup>nd</sup> | UIDV - 291 | Interior Materials & Product Lab - I                                   |
|                 | UIDV - 292 | Knowledge on Different Scale, Color Lab                                |
| 3 <sup>rd</sup> | UIDV - 391 | Interior Materials & Product Lab - II                                  |
|                 | UIDV - 392 | Partition, Illumination, Air - Conditioning, Plumbing & Sanitation Lab |
|                 | UIDV - 393 | Application of Design Concept Lab                                      |
| 4 <sup>th</sup> | UIDV - 491 | Quantity Surveying & Estimation Lab                                    |
|                 | UIDV - 492 | Secondary Services Lab   |
|                 | UIDV - 493 | Landscaping & Interior Scape Lab                                       |
| 5 <sup>th</sup> | UIDV - 591 | Commercial Projects, Vaastu Concepts & Design Lab                      |
|                 | UIDV - 592 | Interior Materials & Product Lab - III                                 |
|                 | UIDV - 593 | 2D & 3D Cad Drawings Lab   |

#### B. VOC in MEDICAL LAB TECHNOLOGY (UGC)

| SEMESTER        | PAPER CODE  | SUBJECT                        |
|-----------------|-------------|--------------------------------|
| 1 <sup>st</sup> | UGEN - 191  | Computer Fundamentals & IT Lab |
|                 | UMLTV - 192 | Microbiology Lab - I           |



|                 |             |  |
|-----------------|-------------|--|
|                 | UMLTV - 193 | Fundamentals of Anatomy & Physiology Lab                     |
| 2 <sup>nd</sup> | UMLTV - 291 | Advanced Laboratory Science Techniques & Testing Process Lab |
|                 | UMLTV - 292 | Microbiology Lab - II  |
|                 | UMLTV - 293 | Biochemistry Lab - I   |
| 3 <sup>rd</sup> | UMLTV - 391 | Microbiology Lab – III                                       |
|                 | UMLTV - 392 | Pathology Lab – I  |
|                 | UMLTV - 393 | Hematology Lab – I   |
| 4 <sup>th</sup> | UMLTV - 491 | Biochemistry Lab – II  |
|                 | UMLTV - 492 | Pathology Lab – II   |
|                 | UMLTV - 493 | Hematology Lab – II  |
| 5 <sup>th</sup> | UMLTV - 591 | Microbiology Lab – IV  |
|                 | UMLTV - 592 | Pathology Lab – III  |
|                 | UMLTV - 593 | Hematology Lab – III   |

#### B. VOC in Electronic Manufacturing Services (UGC) (2018-19) as on 16.11.2019

| SEMESTER        | PAPER CODE | SUBJECT   |
|-----------------|------------|---|
| 1 <sup>st</sup> | UGEN – 191 | Computer Fundamentals & IT Lab  |
|                 | UHWNV-192  | Fundamental of Electrical Lab   |
|                 | UHWNV-193  | Principle of Electronics Lab  |
|                 | UHWNV-194  | Identification of Computer tools. Equipments, Soldering & De-Soldering Techniques |
| 2 <sup>nd</sup> | UHWNV-291  | Electronics Devices & Circuits Lab  |
|                 | UHWNV-292  | Digital Electronics Lab   |
|                 | UHWNV-293  | Electronics Measurement & Instrumentation Lab                                     |
| 3 <sup>rd</sup> | UHWNV-391  | Microprocessor Lab  |
|                 | UHWNV-392  | Audio & Video Engg Lab  |
|                 | UHWNV-393  | Fundamental of Troubleshooting Electronic Equipment Lab                           |
| 4 <sup>th</sup> | UHWNV-491  | PC Software Lab   |
|                 | UHWNV-492  | Mobile & Smartphone Lab   |
|                 | UHWNV-493  | Troubleshooting & maintenance of Electronic Equipment                             |
| 5 <sup>th</sup> | UHWNV-591  | Communication Engg Lab  |
|                 | UHWNV-592  | Troubleshooting & Maintenance of Electronic Equipment-II                          |



## AFFIDAVIT

**Format** of affidavit to be submitted by the applicant on a non-judicial stamp paper of Rs. 100/- duly sworn before a **First Class Judicial Magistrate**

We, <name>, Chairman, <name of the sponsoring Trust/Society/Company>, son of \_\_\_\_\_, aged \_\_\_\_\_ years and, resident of \_\_\_\_\_  
<name>, Secretary, <name of the sponsoring Trust/Society/Company>, son of \_\_\_\_\_, aged \_\_\_\_\_ years and, resident of \_\_\_\_\_  
<name>, Principal/Director, <name & style of the College & MAKAUT, WB College Code – as mentioned in the last affiliation letter>, son of \_\_\_\_\_, aged \_\_\_\_\_ years and, resident of \_\_\_\_\_ in connection with our application dated \_\_\_\_\_ made to Maulana Abul Kalam Azad University of Technology, West Bengal for of Affiliation for the year 2023-2024 hereby solemnly affirm and declare as under :

1. That the information given by <names> in the 'Self Assessment Report of the existing/proposed Non-AICTE College & INSPECTION REPORT' made to Maulana Abul Kalam Azad University of Technology, West Bengal is true and complete. Nothing is false and nothing has been concealed.
2. That the Institute/College shall be managed by a Governing Body duly constituted in accordance with the directives of the University.
3. That any curricula/and other activities pertaining to the curricula [i.e. (i)course(s) of the other University/Board/Council including distance mode; (ii) course(s) of other College Code of MAKAUT, WB; (iii) educational activities other than this College Code] are not running at our Institution (<College Code>) premises.
4. That if the affiliation is accorded by the Maulana Abul Kalam Azad University of Technology, West Bengal to the course(s) we shall remain bound by the norms, rules and regulations formulated by the University in respect of the conditions of affiliation pertaining to fee structure, syllabi content, Academic Calendar and academic regulations governing the conduct of the course(s) and shall pay fees / charges to be fixed by the University in respect of inspection, affiliation, registration of students, examination fees etc. including any subsequent changes therein introduced by the University from time to time.
5. That the qualification of teaching faculty and support staff attached to the college and their service conditions are in conformity with the UGC/State Government formulated for the purpose.
6. That adequate arrangements for required Laboratories, Conference Rooms, Class Rooms, Tutorial Rooms, equipped Library facilities etc. as per course requirements of Maulana Abul Kalam Azad University of Technology, West Bengal have been made in the College.
7. That if the affiliation is accorded, we shall remain bound to submit a duly audited financial statement of the college, every year, within six months of the conclusion of the concerned financial year.
8. That if the affiliation is accorded, we shall remain bound to furnish and academic audit report, comprising no. of lectures, laboratory classes etc. conducted for the each subject of a course in each semester.
9. That in the event of closure of the Institution, the organizing Society/Trust/Company will not close the Institution till the last batch of students admitted in the academic programmes complete the total duration of their respective academic programmes (i.e. 2 years, 3 years, 4 years & 5 years etc. as the case may be).
10. That the facts stated in this affidavit are true to our knowledge. No part of the same is false and nothing material has been concealed there from.

Signature with Designation and Address of the Executants  
(seal)

**DEPONENT**