INFORMATION BROCHURE

on

Guidelines and Other Terms & Conditions

of

MAKAUT, WB (Non-AICTE) Courses (2022–2023)

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 16.12.2021 in File No. IC-267/2021

MAULANA ABUL KALAM AZAD UNIVERISTY 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
Fax : (033) 2321-8776

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 04.02.2021 in File No. IC-261/2021 and (iii) 16.12.2021 in File No. IC-267/2021.

Courses offered:

1. BBA – 3 Yrs.
2. BTTM (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*

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

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
[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

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 1st time legal vetting, the compliance has to be submitted in respect of deficiencies pointed out in the 1st legal vetting with an amount of Rs. 10,000/- for the purpose of 2nd time legal vetting. For each legal vetting (3rd/4th 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 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 2021-22.

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 2021-22 (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 Affidavit12 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 2022-2023. 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/IIIT/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 <u>BBA(Sports Management)</u> 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 <u>Intake of Courses :</u>
- Introduction of additional courses will be according to the following principles :

Phase of Period	Course(s)	Intake
1st Year	At most four UG course(s) may be sanctioned	Maximum 240 intake in total
2nd Year	- do -	- do -
3rd 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 <u>Land requirement excepting Hostel, Play Ground and Staff Quarters :</u>
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.

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 1st year one room, 2nd year one room & 3rd 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 : **7**0 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 & Cafetaria : Adequate arrangement is to be made.

2.10   Student Ameniites :   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 interallia 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 2022-2023

The said **application** under Case B and C will be received on and from **24.12.2021 to 07.02.2022** through email: **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 **24.12.2021 to 04.03.2022**.

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.

IV. Self Authenticated Photocopy of

(a) Building Plan of the Institute approved by competent authority,

(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 primafacie 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 (2nd 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 (2nd 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 – 1st Shift /Evening Shift – 2nd Shift. There must separate Principal/Director for each shift (Morning/Evening).
   (ii) The Evening Shift (2nd Shift) timing will be from 2:00 PM to 8:30 PM while the Morning Shift (1st 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 (1st Shift) only are run in the Evening Shift (2nd 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 – 1st Shift / Evening Shift – 2nd 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 (2nd 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 – 1st Shift and Evening – 2nd 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 (1st Shift) of the existing Non-AICTE Colleges will be the maximum intake for the Evening Shift (2nd Shift).

4.2. Existing Non-AICTE Colleges interested to introduce the Evening shift (2nd 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 2nd 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 (2nd Shift) through email**: icdepartmentmakaut@gmail.com is 07.02.2022.**
The applications submitted will be scrutinized and those proposals of 2nd 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 2nd 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 3rd 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 547th meeting held on 29th 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 20th May, 2021.

In this background and perspective, the policy of introduction of the 3rd 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 3rd 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	Total Credits in 6 semesters	Maximum total credit of practical allotted in

credits allotted among the MAKAUT Syllabi of Non- AICTE courses (UG)	L+T	P	Total	semester
B.Sc. (HHA)	139	37	176	4th semester -28

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

Name of course	Semester	L	T	P	Total
B.Sc. (HHA) (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	176

Table-II (PG Course)

Name of the course having	Total Credit in 6 semesters	Maximum total credit allotted in semester

maximum total credits allotted among the MAKAUT Syllabi of Non- AICTE courses (PG)	L+T	P	Total	
M.Sc. (Media Science)	80	66	146	4th sem -24

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

Name of course	Semester	L	T	P	Total
M.Sc. (Media Sc.) (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 1st shift and 2nd shift are running in the affiliated colleges as per timing format given below:

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

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

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

3rd 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. (3rd Shift) including recess.

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

Question will arise regarding the overlapping of the teaching learning time from 6 pm to 8.30 pm (Monday to Friday) of 2nd shift with this 3rd Shift. Keeping in view the said overlapping time between 2nd shift and this 3rd Shift (Blended Learning Mode) may be conducted (online digital platform) in this 3rd 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 20th May, 2021. Keeping in view the said letter dated 20th 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 4th 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 4th 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 3rd 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. E**ligibility criteria for submitting application for the 3rd shift (Blended Learning Mode):**

(i)   Application for 2nd shift may be submitted after successful conduction of MAKAUT,WB affiliated courses for consecutive five (05) academic years.

(ii)   Application for the 3rd shift may be submitted after successful conduction of 2nd shift MAKAUT,WB affiliated courses for consecutive two (02) academic years.

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

(i)   The existing Non-AICTE College may run the 3rd Shift as per criteria laid down under clause 4 in the present name of the existing college clearly mentioning Morning Shift – 1st Shift /Evening Shift – 2nd Shift/ 3rd shift (Blended Learning Mode). There must separate Principal/Director for each shift (1st shift- Morning/ 2nd shift Evening / 3rd shift Blended Learning Mode).

(ii)   No additional land is required to be added as the 3rd 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 3rd shift (Blended Learning Mode) if the courses of Morning Shift (1st Shift) and Evening Shift (2nd Shift) are run only in the 3rd shift (Blended Learning Mode). However, laboratories should be adequately equipped to accommodate the 3rd shift students. If the courses of three shifts (1st shift -Morning, 2nd shift Evening and the 3rd shift Blended Learning Mode) differ, additional infrastructure for equipped Labs should be developed for the

respective shift (Morning Shift – 1st Shift / Evening Shift – 2nd Shift/3rd 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 – 1st shift, Evening Shift   2nd shift and 3rd 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 (1st shift Morning, 2nd shift Evening & 3rd shift Blended Learning Mode) will be separate.

(ix)   Separate office: (1st shift Morning, 2nd shift Evening & 3rd 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 (1st shift Morning, 2nd shift Evening & 3rd 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 3rd 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 3rd shift will be held in the offline mode like 1st shift and 2nd 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 3rd 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 3rd shift Blended Learning Mode.

  (ii)   Application for each shift (Morning 1st shift/ Evening -2nd shift/ 3rd shift Blended Learning Mode) has to be made separately.

VI. Conclusion:

  Outcomes of the introduction of 3rd 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 3rd 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 3rd shift introduction. The net outcome of this is Higher GER.

- By introduction of 3rd 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 3rd 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 3rd Shift (Blended Learning Mode).
  (ii)   Application for each shift [Morning/Evening/3rd Shift (Blended Learning Mode)] has to be made separately.

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

The applications submitted will be scrutinized and those proposals of 3ʳᵈ 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 3ʳᵈ 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 *(1ˢᵗ , 2ⁿᵈ and 3ʳᵈ 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 (1ˢᵗ Shift)/Evening Shift (2ⁿᵈ Shift)/3ʳᵈ 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 **(for CASE E only)**	Permanent Address where the College is situated **or** **Permanent Address where the College to be shifted / established (for CASE A, B, C. D, E and F)**

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 (2020-21). 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
1st Year	At most four UG course(s) may be sanctioned	Maximum 240 intake in total
2nd Year	- do -	- do -
3rd 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. 2021-2022, N-1 = (2020-2021),

N-2 = (2019-2020) and N+1 = (2022-2023)]

[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. 2021-2022	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. 2021-2022)

MAKAUT, WB approved Non-AICTE Course(s)	Approved Intake [Course-wise] N	Actual Admitted [Course-wise] N	Percentage (%) of intake admitted Course-wise] N	Approved Intake [Course-wise] N-1	Actual Admitted [Course-wise] N-1	Percentage (%) of intake admitted [Course-wise] N-1	Approved Intake [Course-wise] N-2	Actual Admitted [Course-wise] N-2	Percentage (%) of intake admitted [Course-wise] N-2

Observations of the Inspection Team taking into account the aforesaid data
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 [If found in order, please write OK, otherwise enumerate deficiencies]	
Period (Academic Yearwise & Coursewise)	No. of student appeared	No. of passed-out student with DGPA 8.5 onwards	No. of passed-out student with DGPA 7 to 8.5	No. of passed-out student with DGPA below 7	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 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 [If found in order, please write OK, otherwise enumerate deficiencies]	
Period (Academic Yearwise & Coursewise)	No. of Passed-out student	No. of passed-out student provided placement	Name of organisation/institution where the passed-out student were placed	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 Experts of the Inspection Team

3.(e) For Case B and C

Service Conditions of the employee attached to the Institute [To be filled by the College] (Scale of Paly, P.F., Leave Rules etc.)		Observations of the Inspection Team [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 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 [To be filled by the College]	Available [To be filled by the College]	Observations of the Inspection Team [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) 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 ? (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.

5.(a) Availability of Built-up Area (for Non-AICTE course) taking into account the aforesaid MAKAUT, WB norms :

Particulars	MAKAUT, WB requirement [To be filled by the College]	Available [To be filled by the College]	Observations of the Inspection Team [If found in order, please write OK, otherwise enumerate deficiencies]	
			O.K.	Deficiencies
Built-up area per student				
No. of Class Rooms				
Administrative area				
Principal's Room				
Strong Room				
Reception Room				
Administrative & Main Office				
Maintenance & Estate Office				
No. of Staff Room (Faculty) with sufficient Computers, Printers with Internet facility				
Sitting Capacity of each Staff Room				
Computer Laboratory				
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	

Library				
Language Laboratory				
Conference Room				
Toilet for Student				
Toilet for Staff				
Boys Hostel				
Girls Hostel				

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 [To be filled by the College]	Available [To be filled by the College]	Observations of the Inspection Team [If found in order, please write OK, otherwise enumerate deficiencies]	
			O.K.	Deficiencies
Faculty : Student (for UG) 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 [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 [To be filled by the College]	Available [To be filled by the College]	Observations of the Inspection Team [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		
	_____ numbers	_____ numbers		
	_____ numbers	_____ numbers		

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

No. of Associate Professor(s) (Course-wise)	MAKAUT, WB requirement [To be filled by the College]	Available [To be filled by the College]	Observations of the Inspection Team [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		
	_____ numbers	_____ numbers		
	_____ numbers	_____ numbers		
	_____ numbers	_____ 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.(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)** (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 [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 [To be filled by the College]	Available [To be filled by the College]	Observations of the Inspection Team [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		
	_____ numbers	_____ numbers		
	_____ numbers	_____ numbers		
	_____ numbers	_____ numbers		
	_____ numbers	_____ 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) (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 [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 [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 requirement [To be filled by the College]	Available [To be filled by the College]	Observations of the Inspection Team [If found in order, please write OK, otherwise enumerate deficiencies]	
			O.K.	Deficiencies
Administrative Staff				
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.(k) Availability of Hostel/Security/Sweeping/Maintenance Staff taking into account the aforesaid MAKAUT, WB norms :

Particulars	MAKAUT, WB requirement [To be filled by the College]	Available [To be filled by the College]	Observations of the Inspection Team [If found in order, please write OK, otherwise enumerate deficiencies]	
			O.K.	Deficiencies
Hostel Staff / Security Staff / Sweeping Staff / Maintenance Staff				

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 [To be filled by the College]	Available [To be filled by the College]	Observations of the Inspection Team [If found in order, please write OK, otherwise enumerate deficiencies]	
			O.K.	Deficiencies
No. of Titles (course-wise) **in the College Library**				
No. of Copies (course-wise) **in the College Library**				
No. of National Journals (course-wise) **in the College Library**				
No. of International Journals (course-wise) **in the College Library**				
No. of Periodicals (course-wise) **in the College Library**				
News Papers / Magazines				
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		

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.
- Proprietory softwares should be licensed

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

Particulars	MAKAUT, WB requirement [To be filled by the College]	Available [To be filled by the College]	Observations of the Inspection Team [If found in order, please write OK, otherwise enumerate deficiencies]	
			O.K.	Deficiencies
No. of PCs available taking into consideration Terminal-Student ratio				
No. of Legal System Software available				
No. of Legal Application Software available				
No. of Printers				
No. of PCs having LAN & Internet				
No. of Computer Printer having LAN				
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 [To be filled by the College]	Semester [To be filled by the College]	Name of the Laboratory with MAKAUT, WB Paper Code [To be filled by the College]	Room No. / Area (Sq.ft.) [To be filled by the College]	Experimental Set-up required as per MAKAUT, WB syllabus [To be filled by the College]		Observations of the Inspection Team [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 17th 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 [To be filled by the College]	Available [To be filled by the College]	Observations of the Inspection Team	
			O.K.	Deficiencies
Medical facilities in the College Campus				
Canteen &Cafeteria				
Student Amenities in the College Campus				
Barrier Free Environment as per the PWD Act				
Safety provisions including fire and other calamities				
General Insurance for the employees				
Other facilities in the College Campus				
Drinking water quality				
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 [To be filled by the College]	Available [To be filled by the College]	Observations of the Inspection Team	
			O.K.	Deficiencies
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 17th June, 2009.				
Establishment of Internal complain committee (As per section 4 of sexual harassment of women at work place (Prevention, Prohibition & Redressal act, 2013.				
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

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

Semester	Paper Code	Subjects
BCA (3 years course)		
1st	BCA-194	PC Software Lab
	BCA-193	Programming Lab(C/Pascal)
2nd	BCA-293	Programming Lab(Visual Basic)
	HU-291	Business Presentation & Language Lab
3rd	BCA-393	Internet & Graphics Lab
	BCA-392	Programming Lab(Data Structure with C)
4th	BCA-491	Data base Lab (Oracle)
	BM-491	Computing Lab
5th	BCA-591	Unix & Networking

BCA (NEW) (2020-2021)

SEMESTER	PAPER CODE	SUBJECT
1st	BCAC191	Programming for Problem Solving
	BCAC192	Digital Electronics
2nd	BCAC292	Operating Systems
	BCAC293	Computer Architecture
3rd	BCAC391	Object Oriented Programming
	BCAC392	Database Management System
	BCAC393	Data Structure and Algorithm using Python
	BCAS391	Web Design and Development
4th	BCAC401	Computer Networking
	BCAC402	Software Engineering
	BCAC403	Design and Analysis of Algorithms
5th	BCAC501	Internet Technology
	BCAD501	Information and coding theory
	BCAD502	Soft Computing
6th	BCAC601	Advanced Database and PL- SQL
	BCAD601	A. Digital Image Processing B. Introduction to AI and Machine Learning C. Introduction to Data Science

B.Sc. in Culinary Science (NEW) (2020-21)

SEMESTER	PAPER CODE	SUBJECT
3rd	CC 5 BSCA 301	International Culinary & Baking Skills
	CC 7 BSCA 303	Larder, Charcuterie and Intermediate Bakery

B.Sc. in Cyber Security (2019-2020)

SEMESTER	PAPER CODE	SUBJECT
1st	CYS- 191	Fundamental of Computing – using C Language Lab
	CYS- 192	Programming in Python Lab
	CYS- 193	Computer Network Lab
2nd	CYS- 291	Data Structures and Algorithms
	CYS- 292	Object Oriented Concepts
	CYS- 293	Ethical Hacking and Systems Defence Lab
3rd	CYS-391	Database Management Systems
	CYS-392	Operating System & system programming (LINUX)
	CYS-393	VAPT Lab
4th	CYS-491	Cryptography & Information Security Lab
	CYS-492	Software Engineering & software design with UML
	CYS-493	Advanced computer network & Security
5th	CYS-591	Cyber Forensics Lab
	CYS-592	Malware Analysis Lab
6th	CYS-692	Artificial Intelligence in Cyber Security & Industry use cases

B.Sc. in Cyber Security (NEW) (2020-21)

SEMESTER	PAPER CODE	SUBJECT
1st	CC 1 CYS 101	Fundamental of Computing – using C Language
	CC 2 CYS 102	Mathematics and Statistics
2nd	CC 3 CYS 201	Computer Architecture & Object Oriented Concepts
	CC 4 CYS 202	Data Structures and Algorithms
3rd	CC 5 CYS 301	Ethical Hacking and Systems Defence
	CC 6 CYS 302	Cyber Systems & Cyber Threat and Modelling

	CC 6 CYS 303	Vulnerability Analysis, Penetration Testing, and Incident Handling
	SEC 1 CYS 354	Operating System and Linux
4th	CC 8 CYS 401	Cryptography & Information Security
	CC 9 CYS 402	Software Engineering & Software Design with UML
	CC 10 CYS 403	Advanced Computer Network & Security
	SEC 2 CYS 455	Database Management
5th	CC 11 CYS 501	Cyber Forensics
	CC 12 CYS 502	Malware Analysis
6th	CC 13 CYS 601	Artificial Intelligence
	CC 14 CYS 602	Digital Commerce

B.Sc.in Hospitality and Hotel Administration
(3 years course)

SEMESTER	PAPER CODE	SUBJECT
1st	HPM-191	Food Production Lab
	HPM-192	Food & Beverage Service Lab
	HPM-193	Front Office Operation lab
	HPM-194	Accommodation Operation Lab
	HPM-195	Computer Lab
2nd	HPM-291	Food Production Lab
	HPM-292	Food & Beverage Service Lab
	HPM-293	Front Office Op lab
	HPM-294	Accommodation Operation Lab
	HPM-295	Computer Lab
3rd	HPM-391	Food Production Lab - Quantity Kitchen

	HPM-392	Food & Beverage Service Lab
	HPM-393	Front Office Lab
	HPM-394	Accommodation Operation Lab
5th	HPM-591	Food Production Lab-Advance Production Training
	HPM-592	Food & Beverage Lab
	HPM-593	Front office Lab
	HPM-594	Accommodation Operation Lab
	HPM-596	Computer Practice Lab
6th	HPM-691	Food Production Lab - Advanced Kitchen
	HPM-692	Advanced Food & Beverage lab
	HPM-693	A/O Lab
	HPM-694	F/O Lab
	HPM-695	Computer Lab

BBA (NEW) (2020-2021)

SEMESTER	PAPER CODE	SUBJECT
3rd	BBA 301	Business Research Methods
	BBA 304	Management Information Systems
	BBA 305	Personality Development
4th	BBA 405	Computer Applications
5th	BBA 502	Entrepreneurship Development
	BBA 503	E-Commerce & M-Commerce
6th	BBA 602	Industrial Relations

BBA (Business Analytics) (NEW) (2020-2021)

SEMESTER	PAPER CODE	SUBJECT
2nd	BBA(BA) 201	Inferential Statistics and Applications
	BBA(BA) 203	Decision Support System
3rd	BBA(BA) 301	Business Research Methods
	BBA(BA) 304	Database Management System (DBMS)
	BBA(BA) 305	Personality Development & Presentation Skills
4th	BBA(BA) 405	Data Analysis Lab using R
5th	BBA(BA) 503	E-Commerce & M-Commerce
6th	BBA(BA) 601	Project Management
	BBA(BA) 602	Big Data Analytics and Data Mining
	BBA(BA) 603	Digital Media Analytics

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

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

B.Sc. in Microbiology (3 years course)

1st	BMI-192	Basic Microscopy & Instrumentation
	BCH-191	Bio chemistry
	CH-191	Chemistry (Pass)
	CA-191	Introduction to Computer (Pass)
2nd	CGT-292	Cyto-Genetic Techniques
	MIC-293	Microbiology
	CH-291	Chemistry (Pass)
	CA-291	Introduction to C-Programming & Digital Logic (Pass)
3rd	IMN-392	Immunology
	TCT-393	Tissue Culture Techniques
	CH-391	Chemistry (Pass)
	CA-391	Introduction to Data structure & Computer Organisation (Pass)
4th	MBT-491	Molecular Biology Techniques
	BIN-492	Bio-informatics
	CH-493	Chemistry (Pass)
	CA-494	Introduction to DBMS, Computer Network & Numerical Analysis (Pass)
5th	GET-591	Genetic Engineering Techniques
	AMB-592	Applied Microbiology
6th	PRO-691	Project on Biodiversity
	DSS-692	Dissertation on Microbiology

B.Sc. in Micro Biology (NEW) (2018-2019)

SEMESTER	PAPER CODE	SUBJECT
1st	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
2nd	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
	GEMc -293	Lab on Inheritance Biology
3rd	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
	CMc 393	Lab on Molecular Biology
	GEMc -393	Lab on Chemistry II
4th	CMc - 491	Lab on Immunology
	GEMc - 491	Lab on Clinical Immunology
	CMc-492	Lab on Medical Microbiology
	GEMc -492	Lab on Entrepreneurship Development
	GEMc -493	Lab on Molecular Diagnostics
5th	CMc -591	Lab on Recombinant DNA Technology
	CMc -592	Lab on Industrial Microbiology
	DSEMc- -591A	Lab on Advances in Microbiology
	DSEMc- 591 B	Lab on Instrumentation and Biotechniques
	DSEMc- -592A	Lab on Microbial Biotechnology
	DSEMc-592B	Lab on Plant pathology
6th	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 (NEW) (2018-2019)

SEMESTER	PAPER CODE	SUBJECT
1st	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)
2nd	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
	GEMB-293	Lab on Population and Evolutionary Genetics (P)
3rd	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
4th	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
5th	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
6th	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

B.Sc. in Molecular Biology (3 years course) – [Old]

1st	BMI-192	Basic Microscopy & Instrumentation
	BCH-191	Bio chemistry

	CH-191	Chemistry Pass
	CA-191	Introduction to Computer (Pass)
2nd	CGT-292	Cyto-Genetic Techniques
	MIC-293	Microbiology
	CH-291	Chemistry Pass
	CA-291	Introduction to C-Programming & Digital Logic (Pass)
3rd	IMN-392	Immunology
	TCT-393	Tissue Culture Techniques
	CH-391	Chemistry Pass
	CA-391	Introduction to Data structure & Computer Organisation(Pass)
4th	MBT-491	Molecular Biology Techniques
	BIN-492	Bio-Informatics
	CH-493	Chemistry(Pass)
	CA-494	Introduction to DBMS, Computer Network & Numerical Analysis(Pass)
5th	GET-591	Genetic Engineering Techniques
	AMB-592	Analysis of gene Expression

B.Optom (Bachelor of Optometry) – [Old]
(4 years course)

1st	BO-191	Geometrical Optics – 1
	BO-192	Physiology (General)
	BO-193	Anatomy
2nd	BO-291	Physical Optics II
	BO-291	Physical Optics II
	BO-293	Anatomy(Ocular)
	BO-295	Computer
3rd	BO-393	Microbiology & Pathology
	BO-395	Optical & Ophthalmic Instrumentation
	BO-392	Lighting & the Eye
4th	BO-492	Optics & Ophthalmic Instrumentation - II
	BO-493	Clinical Refraction Practical
	BO-495	Ophthalmic Lens & Dispensing Optics Practical

5th	BO-592	Contact Lens-I
	BO-593	Clinical Refraction II
	BO-595	Low Vision Aids & Visual Rehabilitation
6th	BO-694	Contact Lens-II
	BO-696	Applied Optometry & Orthoptics

Bachelor in Optometry (BOPTOM) (NEW) (2018-2019)

SEMESTER	PAPER CODE	SUBJECT
1st	BO-191	Geometrical Optics-1
	BO-192	Physiology (General)
	BO-193	Professional communication in English
2nd	BO-291	Physical Optics (Optics II)
	BO-292	Computer Fundamentals
3rd	BO-391	Microbiology & Pathology (general and ocular)
	BO-392	Optical and Ophthalmic Instrumentation and Procedure-1
4th	BO-491	Clinical Refraction - I
	BO-492	Ophthalmic Lens & Dispensing Optics
	BO-493	Optical and Ophthalmic Instrumentation and Procedure-II
5th	BO-591	Low Vision Aid and Visual Rehabilitation
	BO-592	Contact Lens
	BO-593	Clinical Refraction-II
6th	BO-691	Specialized Contact Lens
	BO-692	Applied Optometry and Orthoptics

BBA (Hospital Management) 3 years course [Old]

1st	BHM-191	Language Laboratory
	BHM-192	Computing Laboratory
2nd	BHM-287	Public Speaking on Assigned Topic

BBA (Hospital Management) [NEW] (2020-2021)

SEMESTER	PAPER CODE	SUBJECT
2nd	BBA(HM) 202	Hospital Overview (Field Visit)
3rd	BBA (HM) 305	Computer Applications
4th	BBA(HM) 405	Data Analysis using R
5th	BBA (HM) 502	Support and Utility Services-II

6th	BBA(HM)601	Quality in Healthcare
	BBA(HM)602	Health Insurance

B.Sc. in Multimedia, Animation & Graphics Design (NEW) (2018-2019)

SEMESTER	PAPER CODE	SUBJECT
1st	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)
2nd	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)
3rd	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)
4th	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)
5th	BMAGD 501	Advertising & Branding Design
	BMAGD 591	Digital Design Sp (After effects & Maya/ Photoshop & Flash)
6th	BMAG 601A/B	Graphics Design/Animation Design

B.Sc. in Bio-technology (3 years course)

1st	BMI-192	Basic Microscopy & Instrumentation
	BCH191	Bio chemistry

	CH-191	Chemistry (Pass)
	CA-191	Introduction to computer (Pass)
2nd	CGT-292	Cyto-genetic Techniques
	MIC-293	Microbiology
	CH-291	Chemistry (Pass)
	CA-291	Introduction to C-Programming & Digital Logic(Pass)
3rd	IMN-392	Immunology
	TCT-393	Tissue culture Techniques
	CH-391	Chemistry (pass)
4th	CA-391	Introduction to Data structure & Computer Organisation(Pass)
	MBT-491	Molecular Biology Techniques
	BIN-492	Bio-informatics
	CH-491	Chemistry(Pass)
	CA-491	Introduction to DBMS, Computer Network & Numerical Analysis(Pass)
5th	GET-591	Genetic Engineering Techniques
	BFT-592	Basic Fermentation Techniques

B.Sc. in Genetics (NEW) (2018-2019)

SEMESTER	PAPER CODE	SUBJECT
1st	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)
2nd	CGN-291	Lab on Principles of Transmission Genetics
	GEGN-291	Lab on Principles of Microbiology
	CGN-292	Lab on Chemistry-1
	GEGN-292	C Programming Lab
	CGN-293	Lab on Population and Evolutionary Biology
	GEGN-293	Lab on Plant and Mammalian Physiology (P)
3rd	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
	GEGN-393	Lab on Biostatistics
4th	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
5th	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
6th	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

B.Sc. in Genetics (3 years course) – [Old]

1st	BMI-192	Basic Microscopy & Instrumentation
	BCH-191	Bio-chemistry
	CH-191	Chemistry(Pass)
	CA-191	Introduction to Computer (Pass)
2nd	CGT-292	Cyto-genetic Techniques
	MIC-293	Microbiology
	CH-291	Chemistry(Pass)
	CA-291	Introduction to C-Programming & Digital Logic (Pass)
3rd	IMN-392	Immunology
	TCT-393	Tissue culture Techniques
	CH-391	Chemistry(Pass)

	CA-391	Introduction to Data structure & Computer Organisation(Pass)
4th	MBT-491	Molecular Biology Techniques
	BIN-492	Bio-Informatics
	CH-491	Chemistry(Pass)
	CA-491	Introduction to DBMS, Computer Network & Numerical Analysis(Pass)
5th	GTT591	Genetic Toxicity Testing
	MCG-592	Molecular Cyto Genetics

BBA (Sports Management)
(3 years course)

1st	BSM-181	Language Laboratory
	BSM-182	Computing Lab
2nd	BSM-281	Public Speaking on Assigned Topic
	BSM-282	Computing Lab
3rd	BSM-381	Sports Training and conditioning practical
4th	BSM-481	First Aid & CPR
5th	BSM-581	First Aid & CPR

Bachelor in Sports Management (NEW) (2020-21)

SEMESTER	PAPER CODE	SUBJECT
1st	CC2 BSM 102	Management Training & Conditioning

BTTM (4 years course -3+1) [Old]

1st	TTM-186	Computer Lab
3rd	TTM-386	Foreign language (French) I
4th	TTM-486	Foreign language (French) II
5th	TTM-586	Field Trip Report
6th	TTM-684	Application of IT in Tourism

BTTM (NEW) (2018-2019)

SEMESTER	PAPER CODE	SUBJECT
1st	TTM184	English Language Lab
	TTM185	Basic Computer Lab
3rd	TTM384	Foreign Language (French/Spanish/Chinese)
4th	TTM485	Foreign Language II (French/Spanish/Chinese)

BTTM (NEW) (2020-2021)

SEMESTER	PAPER CODE	SUBJECT
2nd	BBA (TTM)-203	Tourism Geography
4th	BBA (TTM)-404	AR/VR Applications in Tourism
5th	BBA (TTM)-501	ICT in Tourism

BMS (Pharmaceutical Management) (3 years course)

1st	PAL-106	Pharmaceutical Analysis Lab
	CAM-107	Computer Application in Management
2nd	PHL-206	Pharmaceutics Lab-I
	PCL-207	Pharmaceutical Chemistry Lab-I
3rd	PHL-306	Pharmaceutics Lab-II
	PCL-307	Pharmaceutical Chemistry Lab-II
4th	MCL-406	Medicinal Chemistry Lab
	HRM-407	Human Resource Management Project
5th	PHL-506	Pharmaceutical Lab-III (Pharma Microbiology)
	PAL-507	Pharmacognosy Lab
6th	PHL-603	Pharmacology Lab

B.Sc. in Multimedia, Animation & Graphics (3 years course)

1st	BMAG-105	Computer Lab I- Cornel Draw, Photoshop in Design
2nd	BMAG-205	Computer Lab II – Flash I, Audition Premiere
3rd	BMAG- 304	Computer Lab-III – Flash-III , Flash-II HTML& CSS , Dreamweaver
4th	BMAG -404	Computer Lab IV, 3 ds Max

B.Sc. in Multimedia, Animation & Graphics (NEW) (2020-21)

SEMESTER	PAPER CODE	SUBJECT
1st	CC 1 BMAGD 101	Design fundamentals and Visual literacy
	CC 2 BMAGD 102	Fundamentals of Graphical representation
2nd	CC 3 BMAGD 201	Graphic Design
	CC 4 BMAGD 202	Web Design
3rd	CC 6 BMAGD 302	Visual narratives and sequential structure
	CC 7 BMAGD 303	Animation Fundamentals
4th	CC 8 BMAGD 401	2D Animation production
	CC 9 BMAGD 402	3D Animation Production
	CC 10 BMAGD 403	Digital Post Production
5th	CC 11	Advance experiments in Visual Storytelling

	BMAGD 501	
	CC 12 BMAGD 502	Advertising & Branding Design
6th	CC 13 BMAGD 601	Communication Design

B.Sc. in Fashion Design & Management (3 years course)

1st	BFD -191	Fundamentals of Design & its applications (P)
	BFD- 192	Introduction to Fashion art & Drawing (P)
	BFD-193	Sewing Fundamentals (P)
	BFD- 194	Computer Basics (P)
2nd	BFD-291	Garment Construction (P)
	BFD- 292	Pattern making Fundamental (P)
	BFD-293	Computer Graphics (P)
3rd	BFD-391	Surface Ornamentation (P)
	BFD- 392	Fashion Stylization & Illustration (P)
	BFD-393	Pattern Manipulation (P)
4th	BFD- 491	Draping (P)
	BFD-492	Garment Assembling (P)
5th	BFD- 591	Computer Aided Designing (P)
	BFD-592	Costume Designing
6th	BFD- 691	Accessory Designing (P)
	BFD-692	Portfolio Making (P)
	BFD- 693	Final Collection (P)

B.Sc. in Fashion Design & Management (NEW) (2020-21)

SEMESTER	PAPER CODE	SUBJECT
1st	CC 2 BFDM 102	Computer Basics & its Application in Design Fundamentals
3rd	CC 5 BFDM 301	Computer Graphics & its Application in Fashion Art & Drawing

B.Sc. in Film and Television (NEW) (2019-2020)

SEMESTER	PAPER CODE	SUBJECT
1st	FTTA191	Basic Photography & Videography
	FTTA 192	Script Writing I
2nd	FTTA 291	Technology and Aesthetics of Sound
	FTTA 292	Script writing II

	FTTA 293	Editing Theory & Practice
3rd	FTTA 391	Advanced Photography &Videography
	FTTA 392	Audio Post Production
	FTTA 393	Guerrilla Filmmaking/ Producing a Short Documentary Film
4th	FTTA 491	Graphics and animation lab (After effects)
	FTTA 492	EP Scheduling Lab
	FTTA 493	Producing a Short Fiction Film
5th	FTTA502	Production Design
	FTTA 591	Sound designing software: Protocols/ Logic pro/Nuendo/ Adobe Audition
	FTTA 592	Production of a news feature or educational programme that is mainly studio based, but has some outdoor sequences plugged in

B.Sc. in Film & Television (NEW) (2020-21)

SEMESTER	PAPER CODE	SUBJECT
1st	CC 1 FTTA 101	Fundamentals of Motion Picture
	CC 2 FTTA 102	Image Production – Still & Video
2nd	CC 3 FTTA 201	Conventions of Cinema - Genesis
	CC 4 FTTA 202	Advanced Image Production – Still & Video
3rd	CC 5 FTTA 301	Introduction to Television
	CC 6 FTTA 302	European and American Cinema
	CC 7 FTTA 303	Script Writing
4th	CC 8 FTTA 401	Indian & Hindi Popular Cinema
	CC 9 FTTA 402	Sound in Cinema
	CC 10 FTTA 403	Post-Production
5th	CC 11 FTTA 501	Asian and African Cinema
	CC 12	Television Production

	FTTA 502	
6th	CC 13 FTTA 601	Latin American Cinema
	CC 14 FTTA 602	New Media & OTT

B.Sc. in Gaming & Mobile Application Development (3 years course) (2016-17)

1st	CPR106	C Programming
	LPR 107	Introduction to Linux Programming
2nd	OPR 206	OOP through C++ / JAVA
	ALP 207	Advanced Linux Programming & Networking
3rd	DSC 306	Data Structure through C
	PHP 307	Graphics Programming using Open GL & others
4th	ADP 406	Advance Data Structure Programming
	GMD 407	Game & Mobile Application Development -1
5th	MAP 506	Mat lab Programming
	GMD 507	Game & Mobile Application Development -2

B.Sc. In Gaming & Mobile Application (NEW) (2020-21)

SEMESTER	PAPER CODE	SUBJECT
1st	CC 2 GAM 102	Programming using C
2nd	CC 4 GAM 202	Object Oriented Programming
3rd	CC 5 GAM 301	Database Programming
	CC 6 GAM 302	Fundamentals of Data Structure using C
	CC 7 GAM 303	Graphics Programming and Animation using OpenGL
	SEC 1 GAM 354	Mobile Database Skills
4th	CC 8 GAM 401	Design & Analysis of Algorithm using Advanced Data Structure
	CC 9 GAM 402	Game Development
	CC 10 GAM 403	Mobile Application Development

	SEC 2 GAM 455	Python Programming
5th	CC 11 GAM 501	Game AI
	CC 12 GAM 502	Computer Vision & Pattern Recognition
6th	CC 13 GAM 601	Rigging & Animation for Games
	CC 14 GAM 602	Virtual & Augmented Reality

B.Sc. in Nautical Science (3 years course) (Old Syllabus)

1st	BNS-191	Practical Navigation Paper I
2nd	BNS -292	Chart Work Paper I
3rd	BNS-391	Chart Work Paper II
4th	BNS -491	Practical Navigation Paper II
5th	BNS-591	Marine Communication & GMDSS
6th	BNS-691	Ship Operation & Safe Working Practices

B.Sc. in Nautical Science from 2017 (For New Batch only)

1st	BNS-191	Nautical Physics
	BNS -192	Computer Science (Practical)
2nd	BNS-291	Applied Physics & Electricity (Practical)
	BNS -292	Nautical Electronics (Practical)
3rd	BNS-391	Seaman ship Lab- 1 (Practical)
	BNS-392	Marine Engg. Workshop-1 (Practical)
4th	BNS-491	Seaman ship Lab- II (Practical)
	BNS-492	Marine Engg. Workshop-II (Practical)
5th	BNS-591	Ship Operation Technology Lab (Practical)
6th	BNS-691	Navigational Lab (Practical)

B.Sc. in Nautical Science (NEW) (2017-2018)

SEMESTER	PAPER CODE	SUBJECT
1st	BNS 105	General Ship Knowledge
	BNS 106	Terrestrial Navigation
	BNS 191	Nautical Physics (Practical)
	BNS 192	Computer Science (Practical)
2nd	BNS 205	Ship Operation Technology
	BNS 206	Chart Work and Collision Prevention Regulations

	BNS 291	Applied Physics & Electricity (Practical)
	BNS 292	Nautical Electronics (Practical)
3rd	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)
4th	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)
5th	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)
6th	BNS 601	Voyage Planning & ECDIS
	BNS 603	Ship Maneuvering & Collision Prevention Regulations
	BNS 691	Navigational Lab (Practical)

B.Sc. in Bio –Technology (NEW) (2018-2019)

SEMESTER	PAPER CODE	SUBJECT
1st	CBT 191	Lab on Biochemistry and Metabolism
	CBT 192	Lab on Cell Biology
	GEBT-192	Lab on Plant and Animal Tissue Culture(P)
	GEBT-193	Lab on Biotechnology and Human welfare (P)
2nd	CBT-291	Lab on General Microbiology
	GEBT-291	C Programming Lab
	CBT-292	Lab on Chemistry-1
	GEBT-292	Lab on Inheritance Biology
	CBT-293	Lab on Plant and Mammalian Physiology
3rd	CBT-391	Lab on Genetics
	GEBT-391	Lab on Biostatistics
	CBT-392	Lab on Chemistry-II
	GEBT-392	Lab on Biological Diversity and Taxonomy

	CBT-393	Lab on Molecular Biology
	GEBT-393	Data Structure Lab
4th	CBT-491	Lab on Immunology
	GEBT-491	Lab on Entrepreneurship Development
	CBT - 492	Lab on Bioanalytical Tools
	GEBT-492	Lab on Ecology and Environmental Management
	GEBT-493	DBMS & Web Technology Lab
5th	CBT -591	Lab on Bioprocess Technology
	DSEBT -591A	Lab on Animal Biotechnology
	CBT -592	Lab on Recombinant DNA Technology
	DSEBT 592 A	Lab on Model Organism and Human Genome Project
	DSEBT -593A (Any one)	Lab on Medical Biotechnology
	DSEBT - 591B	Lab on Plant Biotechnology
	DSEBT -592B	Lab on Plant Secondary Metabolites and Bio-Transformation
6th	CBT -691	Lab on Genomics, Proteomics and Bioinformatics
	DSEBT-691A	Lab on Genetic Modification In agriculture and Medicine
	CBT -692	Lab on IPR, Biosafety and ethical issues
	DSEBT-692A (Any one)	Lab on Environmental Biotechnology

BBA (Heritage Tourism) 3 years course

SEMESTER	PAPER CODE	SUBJECT
1st	BTHM C102	Cultural Heritage of India
	BTHM G101/ GE2B-01	Film, Video and Photographic Arts
	BTHM (HU) A101	English Communication
2nd	BTHM G201	Building Your Leadership Skills
4th	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 (3 years course)

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

SEMESTER		
6th	BMICCT 691	Radiation Biophysics
	BMICCT E692A/B/C/D	Elective-II (Any one paper from ONE specialization)

B. Sc. (Psychology) – 3 years course

SEMESTER	PAPER CODE	SUBJECT
1st	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
2nd	BSCPY-291	Practical on statistical methods including usage of Excel
	BSCPY-292	Practical on assessing intelligence and Personality
3rd	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
4th	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
5th	BSCPY-591	Practical on Psychopathology
	BSCPY-592	Project based Practical on Attachment and Parenting Styles
6th	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)

SEMESTER	PAPER CODE	SUBJECT
1st	BENVS 191	Environment and Sustainability- Concepts and Concerns
	BENVS 192	Earth-Environment System Science
	BENVS 193	Environmental Resources
2nd	BENVS 291	Physics and Chemistry of Environment
	BENVS 292	Environmental Biology
3rd	BENVS 391	Atmosphere and Climate Change
	BENVS 392	Biodiversity and Conservation
	BENVS 393	Water Resource Management

4th	BENVS 491	Green Chemistry and Technological Applications
	BENVS 492	Ecotoxicology and Environmental Biotechnology
	BENVS 493	Environmental Engineering and Pollution Control Measures
	BENVS 592	Natural Hazards and Disaster Management
	BENVS 691	Environmental Statistics and Economics
	BENVS 692	Environmental Analytics

M.Sc. in Applied Mathematics (2 years course) [Old]

SEMESTER	PAPER CODE	SUBJECT
1st	MAM-106	Numerical Methods
	MAM-107	Data structures using C
2nd	MAM-206	Statistics using MAT Lab
	MAM-207	RDBMS (SQL+ PLSQL)

M.Sc. in Applied Mathematics (NEW) (2018-2019)

SEMESTER	PAPER CODE	SUBJECT
1st	MAM 191	Numerical Methods Lab
	MAM 192	Data Structure and Algorithms Lab Using C
2nd	MAM 291	OR Lab using C
	MAM 292	RDBMS

M.Sc. in Genetics (2 years course) [Old]

1st	MSCGEN-191	Biochemistry& Analytical Techniques
	MSCGEN -192	Microbial Techniques
	MSCGEN- 193	Genetic Engineering Lab
2nd	MSCGEN-291	Immunology Lab
	MSCGEN -292	Basic Cyto Genetics Lab
	MSCGEN- 293	Bioinformatics & Computer application Lab
3rd	MSCGEN-391	Tissue Culture Techniques
	MSCGEN -392	Life cycle of Model Organism & Genetic Toxicity Texting

M.Sc. in Genetics (NEW) (2018-2019)

SEMESTER	PAPER CODE	SUBJECT
1st	MSGN-191	Biochemistry & Analytical Techniques Lab
	MSGN-192	Cytogenetics Lab

	MSGN-193	Data Analysis using Statistical Software
2nd	MSGN-291	Genetic Engineering Lab
	MSGN-292	Immunology Lab
3rd	MSGN-391	Lab for Applied Bioinformatics
	MSGN-392	Lab for Developmental Genetics

M.Sc. in Microbiology (2 years course) [Old]

1st	MScMC-191	Biochemistry& Analytical Techniques
	MScMC-192	Microbiology
	MScMC -193	Molecular Biology
2nd	MScMC-291	Immunology
	MScMC-292	Soil & Agriculture Microbiology
	MScMC-293	Bioinformatics
3rd	MScMC-391	Bioreactor operations
	MScMC-392	Food and environmental Microbiology

M.Sc. in Microbiology (NEW) (2018-2019)

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

M.Sc. in Computer Science (2 years course)

1st	MCS-191	Programming Lab (C)
	MCS-192	Advanced DBMS Lab
2nd	MCS-291	Object Oriented Programming Lab (using Java)
	MCS-292	Data Structure Lab
	MCS-293	Microprocessor &VHDL/ Verilog Lab
3rd	MCS-391	OR Lab
	MCS-392	OS Lab (Unix)
4th (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) (2 years course)
SOFT CORE (Select -2)

	PAE-205	Pharmaceutical Entrepreneurship
	CAM-206	Computer Application in Management using SAP
	PAC-207	Pharmaceutical Chemistry –III (Medicinal Chemistry -1)

M.Sc. in Human Computing & Artificial Intelligence (2 years course) [Old]

1st	CPR106	C Programming
		Neural Network Lab
2nd	OPR206	OOP through JAVA
	ALP 207	Robotics Lab
3rd	ADP306	Advanced Data Structure Programming
	PML 307	Practical on Machine Learning

M.Sc. in Human Computing & Artificial Intelligence (NEW) (2019-2020)

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

M.Sc.in Media Science (2 years course)

1st	MMC-107	Steel Photography & Videography Lab
	MMC-108	Lifestyle Management Skills: Advanced Soft Skills, Theatre Workshop
	MMC-109	Basic Media Software (Lab)
2nd	MMC-206	Writing, Editing, Practical: Publishing a news letter
	MMC-207	Advanced Multimedia Software Lab:

	MMC-208	Digital Film making Lab
Print & Cyber Media		
3rd	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.
Electronic & Entertainment Media (Radio &Television)		
	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.
Multimedia & Visual Communication: Graphics & Animation		
	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
Marketing Communication: Advertising, PR & Event		
	305(D)	Publicity for an event; Preparing press Kit: Organizing a Press Conference
	306(D)	Comprehensive Multimedia Ad Campaign
	307(D)	Corporate film making
Print & Cyber Media		
4th	404(A)	Opening a website & Content Creation
Electronic & Entertainment Media (Radio & Television)		
	404(B)	Production of a Television news bulletin
Multimedia & Visual Communication: Graphics & Animation		
	404(C)	Production of a TVC with Animation
Marketing Communication: Advertising, PR & Event		
	404(D)	Planning & Executing & Exhibition

M.Sc. in Information Science (2 years course)

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

M.Sc. in Biotechnology ((2 years course) [Old]

1st	MSc BT-191	Bio Chemistry and Analytical Techniques
	MSc BT-192	Microbiology
	MSc BT-193	Genetic Engineering Lab
2nd	MSc BT-291	Immunology
	MSc BT-292	Microbiology - Lab
	MSc BT-293	Soil and Agricultural Biotechnology
3rd	MSc BT-391	Bioreactor Operations
	MSc BT-392	Food and Environmental Biotechnology

M.Sc. in Biotechnology (NEW) (2018-2019)

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

Master of Optometry (MOPTM) – 2 Yrs. Course

1st	MO-191	Applied Optometric Optics
	MO-192	Advanced Ophthalmic diagnostic Procedure & Instrumentation
2nd	MO-291	Advanced Contact Lens Practice-I
	MO-281	Geriatric optometry & Low vision rehabilitation- I
	MO-282	Pediatric Optometry & Binocular vision I
3rd	MO-391	Geriatric Optometry & Low Vision rehabilitation-II
	MO-392	Pediatric Optometry & Binocular Vision-II
	MO-393	Advanced Contact Lens Practice-II
	MO-381	Recent advances in Optometry
4th	MO-491	Specialty Clinics (Lab and Industry faculty guided)

B.Sc. (Medical Lab Technology) – 3Yrs.

1st	BML-191(BCA-191)	PC Software Lab
	BML-192	Practical: Human Anatomy -I
	BML- 193	Practical: Human Physiology-I
	BML-194	Practical: Biochemistry –I
2nd	BML-291	Human Anatomy -II
	BML-292	Human Physiology-II
	BML- 293	Biochemistry –II
	BML-294	Communication Lab
3rd	BML-391	Clinical Hematology -I
	BML-392	Microbiology, Immunology& Serology-I
	BML- 393	Histopathology & Histotechniques -I
4th	BML- 491	Clinical Hematology -II
	BML -492	Microbiology, Immunology& Serology-II
	BML -494	Histopathology & Histotechniques –II
5th	BML-591	Clinical Enzymology
	BML-592	Parasitology &Virology
	BML- 593	Diagnostic Cytology
6th	BML-691	Clinical Endocrinology & Toxicology
	BML-692	Advanced Diagnostic Techniques
	BML- 693	Diagnostic Molecular Biology

B.Sc. in Medical Lab Technology (NEW) (2020-21)

SEMESTER	PAPER CODE	SUBJECT
1st	CC 1BML 101	Human Anatomy I
	CC 2BML 102	Human Physiology I
2nd	CC 3BML 201	Human Anatomy II
	CC 4BML 202	Human Physiology II
3rd	CC 5BML 301	Biochemistry
	CC 6BML 302	Pathology, Histopathology &Histotechniques I
	CC 7BML 303	Hemotology, Microbiology, Immunology & Serology I
4th	CC 8BML 401	Pathology, Histopathology &Histotechniques II
	CC 9BML 402	Haemotology, Microbiology, Immunology & Serology II
	CC 10BML 403	Lab Management & Medical Ethics
5th	CC 11BML 501	Clinical Enzymology
	CC 12BML 502	Parasitology & Virology
6th	CC 13BML 601	Clinical Endocrinology &Toxicology
	CC 14BML 602	Diagnostic Molecular Biology

M.Sc. (Clinical Psychology) - 2 Years [Old]

1st	MCP-191	Personality &IQ Assessment
2nd	MCP-291	Projective Techniques
	MCP-295	Projective Technique, Scale Construction
3rd	MCP-391	Clinical Assessment (Case History Taking & Psychometric Evaluation on outdoor clients. *Psychodynamic Formulation in focus

M.Sc. in Clinical Psychology (NEW) (2018-2019)

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

B.Sc. (Behavioral Science & Applied Psychology) - 3 Years Course

1st	BBS-191	Memory and learning- whole vs part learning, spaced vs unspaced learning, learning curve Forgetting-retraction , proaction, forgetting curve span of attention- sustained attention (digit vigilance test) test of divided attention (triad) test of focused attention(trail making)

2nd	BBS-291	Lab Demo by Controlling Experimental Variables through Simple Reaction Time Interest Inventory (Gilford Zimmamon)
3rd	BBS-391	Computer Application of Graphical representation using Statistical Package
	BBS-392	Intelligence (using SPM & CATTELL) and Aptitude Testing(DAT full)
4th	BBS-491	Group Cohesiveness using sociometric methods Ethnic prejudice through Bogardus social distance scaling Anxiety Inventory through Sti/ Bi & trait Seminar Presentation on HRM

B.Sc. in Behaviour Science and Applied Psychology (New) (2020-21)

SEMESTER	PAPER CODE	SUBJECT
4th	SEC 2 BBS 455	Lab Practical: On Group Cohesiveness, Anxiety Inventory; Seminar Presentation on Accident Prevention

M.Sc. (Data Science and Analytics) – 2 Years

1st	MDS-191	Analytics Lab I
	MDS-192	Advanced DBMS Lab
	MDS-193	OS Lab using Linux/ Unix
2nd	MDS-291	Object Oriented Programming Lab
	MDS-292	Analytics Lab II
3rd	MDS-391	Data Mining Lab
	MDS-392	Big Data Technology and OLTP Lab.

M.Sc. (Information &Cyber Security) – 2 Years [Old]

1st	MCL-191	Computer Lab (MAT LAB, Excel, Linux Server apache)
2nd	MCL-291	Cyber Forensics Lab
3rd	MCL-391	Cryptography Lab

M.Sc. in Information and Cyber Security (NEW) (2019-2020)

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. (Visual Communication) – 2 Years Course [Old]

1st	MVC-191	Conceptual Photography
	MVC-192	Digital Design – I
2nd	MVC-291	Understanding Film Making: Script and Sequential Narrative
	MVC-292	Digital Design –II
3rd	MVC-391	Digital Design Specialization (A/B)
	391 A	Digital Animation
	391 B	Digital Design VD

M.Sc. in Visual Communication (NEW) (2018-2019)

SEMESTER	PAPER CODE	SUBJECT
1st	MVC101	Visual Language and Perception
	MVC102	Design Methodology & Process
	MVC 103	Design Research
	MVC191	Conceptual Photography
	MVC 192	Digital Design I
2nd	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
3rd	MVC 301A	Animation Design & Management
	MVC 301B	Design for Advertising & Management
	MVC 391 (A/B)	Digital Design – III

M.Sc. (Digital Films) – 2 Years

1st	MDF-191	Writing Script on a Short Film
	MDF -192	Camera Handling Workshop
2nd	MDF-291	Production Design And Making of Silent Film
	MDF-292	Recording Sound for Film
3rd	MDF -391	Video Editing –II
	MDF -392	Post Production Techniques
	MDF -393	Acting and Directing Workshop

B.Sc. (Culinary Science) – 3 Years

1st	BSCA-191	Culinary Skills –I
	BSCA -192	Baking Skills – I
	BSCA -193	Restaurant Service
2nd	BSCA -291	International Culinary Art
	BSCA – 292	Indian Culinary Art
	BSCA -293	Baking Skills –II
	BSCA -294	Fundamentals of Information Technology
3rd	BSCA -391	Regional Indian Cuisine (Quantity)
	BSCA -392	Intermediate Bakery & Confectionary
	BSCA -393	Larder & Short order Cookery
5th	BSCA - 591	Technique of Pan Asian Cuisine (Pr.)
	BSCA -592	Contemporary European Cuisine (Pr.)
	BSCA -593	Advanced Techniques of Baking & Pastry (Pr.)
	BSCA -581	Personality Development (Pr.)
6th	BSCA – 691	Art of Garde- Manger (Pr.)
	BSCA -692	Food & Beverage – Alcoholic & Non- Alcoholic (Pr.)

M.Sc. (Fashion Management) – 2 Years

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

M.Sc. (Dietetics and Nutrition) – 2 Years

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

B.Sc. (Interior Designing) – 3 Years

1st	BID-191	Design &Drawing Fundamentals-I
	BID -192	Technical Drafting –I
2nd	BID -291	Technical Drafting –II
3rd	BID -391	Computer Aided Design Studies –I Introduction to AUTOCAD (2D)

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

B. Sc in Sustainable & Fashion Design Management [3 years Course]

SEMESTER	PAPER CODE	SUBJECT
1ST	BFD191	Visual Interpretation & Communication - I
	BFD192	Pattern making & Garment Construction Techniques (Womenswear) - I
	BFD193	Computer Basics (Word, Excel, PowerPoint)
2nd	BFD 291	Visual Interpretation & Communication - II
	BFD 292	Pattern making & Garment Construction Techniques (Womenswear) - II
	BFD 293	Computer Graphics - I (Corel Draw & Photoshop)
3rd	BFD 391	Visual Interpretation & Communication - III
	BFD 392	Pattern making & Garment Construction Techniques (Womenswear) - III
	BFD 393	Computer Graphics - II (Adobe Photoshop & Illustrator)
4th	BFD 491	Visual Interpretation & Communication - IV
	BFD 492	Pattern making & Garment Construction Techniques (Menswear) - IV
	BFD 493	Computer Graphics - III (Adobe InDesign)
5th	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
1st	BTAFM-191	Introduction to Drawing
	BTAFM-192	Figure Drawing
	BTAFM-193	Visual Communication
2nd	BTAFM-291	Classical Animation
	BTAFM-292	Graphic Designing & Video & Audio Editing &Motion Graphics
3rd	BTAFM-391	Clay Modelling
	BTAFM-392	Fundamentals of CG Modeling
	BTAFM-393	Texturing &Lighting
	BTAFM-394	Basics of Nuke
4th	BTAFM-491	Rigging

SEMESTER	PAPER CODE	SUBJECT
	BTAFM-492	Character Animation
	BTAFM-493	Dynamics
5th	BTAFM-591	Modeling & Texturing
	BTAFM-592	Texturing & Lighting
	BTAFM-593	Rigging & Character Animation
	BTAFM-594	Lighting & Compositing, Rendering

B.Sc. in VFX Film Making (3 years Course)

SEMESTER	PAPER CODE	SUBJECT
1st	BVFM -191	Introduction to Drawing
	BVFM -192	Figure Drawing
	BVFM -193	Visual Communication
2nd	BVFM -291	Script to Screen
	BVFM -292	Graphic Designing – I
3rd	BVFM -391	Clay Modelling
	BVFM -392	Fundamentals of CG Modeling
	BVFM -393	Texturing & Lighting, Camera
	BVFM -394	Video & Audio Editing / Introduction to Nuke
4th	BVFM -491	Digital Photography
	BVFM -492	Rigging & Character Animation
	BVFM -493	Roto Paint & Chroma Keying
	BVFM -494	Dynamics VFX
5th	BVFM -591	Advanced Nuke
	BVFM -592	3D Compositing & Match Moving
	BVFM -593	Advanced VFX & Dynamics

B.Sc. in Animation & Film Making (for ILEAD 289 College)[NEW](2019-2020)

SEMESTER	PAPER CODE	SUBJECT
1st	BAFM 101	Introduction to Design
	BAFM 102	Design Methodology & Process
	BAFM 181	Design Fundamentals and Visual Literacy
	BAFM 182	Drawing Fundamentals for Graphic Representation
	BAFM 191	Digital Design 1 (InDesign, Illustrator & Photoshop)
	BAFM	192 Design Project 1 (Typographic Design)
2nd	BAFM 201	Foundation of Animation
	BAFM 202	Introduction to 3D Modelling
	BAFM 281	Story Board & Animatic

	BAFM 282	Texturing
	BAFM 291	Lighting & Rendering in Maya
	BAFM 292	Compositing
3rd	BAFM 301	Basics of 3D Animation
	BAFM 302	Basic Rigging
	BAFM 381	Advance Rigging
	BAFM 382	Body Mechanics
	BAFM 391	Advance Body Mechanics
	BAFM 392	Acting for Animation

BBA in Real Estate Management (NEW) (2018-2019)

SEMESTER	PAPER CODE	SUBJECT
1st	BBARE - 104	Computer Applications-I
2nd	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
3rd	BBARE -301	Legal Framework for Real Estate
	BBARE -302	Accounting for Managers
4th	BBARE -402	Building Materials & Design
	BBARE -404	Construction Management
5th	BBARE -504	Maintenance Management

BBA (Entrepreneurship)[NEW] (2019-2020)

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

BBA in Digital Marketing (NEW) (2020-2021)

SEMESTER	PAPER CODE	SUBJECT
1st	BBA(DM) 101	Introduction to Media and Computer Applications in Business
2nd	BBA(DM) 203	Media Production and Editing
3rd	BBA(DM) 301	Digital Marketing and Content Development
	BBA(DM) 304	Website Design and Development

	BBA(DM) 305	R /Python Fundamentals
4th	BBA(DM) 403	Online Display and Video Marketing
	BBA(BA) 404	Mobile App Development
	BBA(DM) 405	Search Marketing
5th	BBA(DM) 501	Online Reputation Management
	BBA(DM) 503	Data Science for Digital Marketer
	BBA(DM) 504	Business Research Methods
6th	BBA(DM) 601	Integrated Media Planning and Agency Management
	BBA(DM) 602	Digital Media Analytics
	BBA(DM) 603	Data Visualisation
	BBA(DM) 604	Monetisation of Digital Assets

B.Sc. In Gaming (3 years Course)

SEMESTER	PAPER CODE	SUBJECT
1st	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
2nd	BGD – 291	Making Game Codes
	BGD – 292	AI in Game
	BGD – 293	3D Character Development Introduction
	BGD – 294	Internship & Lab Making Casual 2D Game
3rd	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
4th	BGD – 491	Introduction to RPG Game
	BGD – 492	Internship & Lab Making (Making of Full Length FPS 3D Game)
5th	BGD – 591	iOS Game Development
	BGD – 592	Apple Game Development Framework
	BGD – 593	Internship & Lab Making (Making of Full Length Android and iOS Game)
6th	BGD – 691	AR Game Development
	BGD – 692	XR Game Development

B.Sc. in Media Science and Film Making (3 years Course)

SEMESTER	PAPER CODE	SUBJECT
1st	BMS(N)191	Photography

	BMS(N)192	Basic Computer Application
	BMS(N)193	Visual Design
2nd	BMS(N) 291	PR & Events: Lab
	BMS(N) 292	Ad Design and Page Layout Lab
3rd	BMS(N)391	Ad Design & Campaign Lab
4th	BMS(N)491	Film Making Lab
5th	BMS(N)591	Electronic Media (Lab)
	BMS(N)592	Stage Production (Lab)
6th	BMS (N) 691	Film Making – Lab

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

SEMESTER	PAPER CODE	SUBJECT
1st	BAFM 191	Digital Design 1 (InDesign, Illustrator & Photoshop)
	BAFM 192	Design Project 1 (Typographic Design)
2nd	BAFM 291	Lighting & Rendering In Maya
	BAFM 292	Compositing
3rd	BAFM 391	Advance Body Mechanics
	BAFM 392	Acting for Animation
4th	BAFM 491	Practical guideline for animation in live project
5th	BAFM 591	Practical guideline for animation in live project
6th	BAFM 691	Final presentation of animation live project

B.Sc. in Yoga (3 years Course)

SEMESTER	PAPER CODE	SUBJECT
1st	BSY-191	Yoga & Education for Personality Development
	BSY-192	Vedic Chanting and Devotional Music
2nd	BSY-291	Advanced Yogasanas And Advanced Kriyas
	BSY-292	Training in Personality Development – I
	BSY-293	Training in Yoga Instructor's Course – I
3rd	BSY-391	Advanced Pranayama and Advanced Meditation
	BSY-392	Yoga for Common Ailments
4th	BSY-491	Training in Personality Development – II
	BSY-492	Training in Yoga Instructor's Course - II
	BSY-493	Teaching Techniques
5th	BSY-591	Advanced Yoga Techniques - I
	BSY-592	Teaching Practice

B.Sc. in Yoga (NEW) (2020-21)

SEMESTER	PAPER CODE	SUBJECT
1st	CC 2BSY 102	Yog-Abhyasa
2nd	CC 4BSY 202	Yog-Abhyasa II
3rd	CC 5BSY 301	Yoga Teaching & Learning -I
4th	CC 9BSY 402	YogAbhyasa IV

B.Sc. in IT (2020-2021)

SEMESTER	PAPER CODE	SUBJECT
1st	BSCIT101	Data Structure and Algorithm using C
	BSCIT102	Fundamental of Programming with Python
2nd	BSCIT201	OOPs and Programming with JAVA
3rd	BSCIT 302	Database Management System
	BSCIT 305	GUI programming with .NET
4th	BSCIT 401	Operating System with UNIX Programming
5th	BSCIT 501	Management Information System
6th	BSCIT 601	Web Technology

B.Sc. (Physiotherapy Management and Healthcare Science) (NEW) (2020-2021)

SEMESTER	PAPER CODE	SUBJECT
1st	BPHM 102	Human Anatomy & Physiology (General)
2nd	BPHM 201	Essentials of Exercise Therapy
	BPHM 204	Business Communication & Language Lab
3rd	BPHM 303	Application of Electrotherapy
	BPHM 305	Computer Application
4th	BPHM402	Physiotherapy Management in Orthopedic Conditions
	BPHM 403	Physiotherapy Management in General Conditions
	BPHM 405	Basic Nursing and First Aid Techniques
5th	BPHM 501	Rehabilitation on Medicine
	BPHM 503A/B/C	Elective-II
6th	BPHM 603A/B/C	Elective-IV

Bachelor in Business Administration (Global Business) (NEW) (2020-21)

SEMESTER	PAPER CODE	SUBJECT
3rd	SEC 1 BBA GB 354	Statistics Lab I
4th	SEC 2 BBA GB 455	Statistics Lab II

BBA (Accountancy, Taxation & Auditing) (NEW) (2020-21)

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

M.Sc. in Data Analytics (2 years Course)

SEMESTER	PAPER CODE	SUBJECT
1st	MDS191	Analytics Lab I
	MDS192	DBMS Lab
	MDS193	Python Lab
2nd	MDS291	Advanced Python Lab
	MDS292	Analytics Lab II
3rd	MDS391	Data Mining Lab
	MDS392	Big Data Technology and OLTP Lab

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 Human Computing & Artificial Intelligence (2 years Course) – (New)

SEMESTER	PAPER CODE	SUBJECT
1st	ALP191	Practical AI using SAS
	ALP192	Python Lab
2nd	ALP291	Advance Python Lab
	ALP292	Robotics Lab
3rd	ADP391	Advanced Data Structure Programming
	ADP392	Practical on Machine Learning

M.Sc. in Information & Cyber Security (2 years Course)

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 (2 years Course)

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 (2 years course)

SEMESTER	PAPER CODE	SUBJECT
1st	MENVS 191	Practical Applications of Environmental Geoscience
	MENVS 192	Analytical and Instrumentation Techniques on Energy & Environment
2nd	MENVS 291	Pollution Assessment

M.Sc. in Applied Statistics and Analytics

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

B.VOC in Hardware Networking (UGC) (3 years Course)

SEMESTER	PAPER CODE	SUBJECT
1ST	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
2nd	UHWNV-291	Personal Computing Software Lab
	UHWNV-292	Computer Hardware, PC Assembling & Trouble Shooting Lab
	UHWNV-293	Practical on Laptop Trouble Shooting
3rd	UHWNV-391	Computer Peripheral and Devices Lab
	UHWNV-392	Network Fundamentals Lab
	UHWNV-393	Practical on Networking
4th	UHWNV-491	Windows Server Administration Lab
	UHWNV-492	Switching and Routing Lab
	UHWNV-493	Practical on Routing Configuration & Network Connectivity
5th	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)

SEMESTER	PAPER CODE	SUBJECT
1st	UGEN – 191	Computer Fundamentals & IT Lab
	UAMV - 192	Fundamentals of Automobile Engineering Lab
	UAMV - 193	Workshop Science & Technology Lab
	UAMV - 194	Engineering Drawing
2nd	UAMV – 291	Basic Electrical & Electronics Lab
	UAMV - 292	Petrol Engine Lab
3rd	UAMV - 391	Cad Lab
	UAMV - 392	Diesel Engine Lab
	UAMV - 393	Automobile Body & Chassis Engineering Lab
4th	UAMV - 491	Vehicle Performance and Testing Lab
	UAMV - 492	Automotive Safety Lab
	UAMV - 493	Auto Electrical Systems & Transmission Lab
5th	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
1st	UBVFD191	Visual Interpretation & Communication - I
	UBVFD 192	Pattern Making & Garment Construction Techniques (Womenswear) - I
	UBVFD 193	Design Studio - I
2nd	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
3rd	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
4th	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
5th	UBVFD 592	Professional Portfolio Development - I
	UBVFD 593	Digital Design Communication & Brand Development - I
	UBVFD 594	Design Studio - V
6th	UBVFD 691	Professional Portfolio Development - II

B.VOC in BFSI (UGC) (3 years Course)

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

B. VOC in Beauty &Aesthetics (UGC) (3 years Course)

SEMESTER	PAPER CODE	SUBJECT
1st	UGEN – 191	Computer Fundamentals& IT Lab
	UBAV - 192	Beauty Regime Lab

	UBAV - 193	Fundamentals of Beauty Lab
	UBAV - 194	Hand and Feet Treatments Lab
2nd	BAV - 291	Make Up Artistry Lab
	UBAV - 292	Hair Designing Lab
	UBAV - 293	Chemical Hair Procedures Lab
3rd	UBAV - 391	Advance Makeup Techniques Lab
	UBAV - 392	Body Therapy Lab
	UBAV - 393	Salon And Customer Care Lab
4th	UBAV – 491	Spa Indulgence Lab
	UBAV - 492	Basic Ayurveda, Naturopathy And Beauty Lab
	UBAV - 493	Hair Trichology Lab
5th	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
1st	UGEN – 191	Computer Fundamentals &IT Lab
	UIDV - 192	Basic Civil Construction Lab
	UIDV - 193	Basic Interior Design & Construction Lab
	UIDV - 194	Interior Drawings
2nd	UIDV - 291	Interior Materials & Product Lab - I
	UIDV - 292	Knowledge on Different Scale, Colour Lab
3rd	UIDV - 391	Interior Materials & Product Lab – II
	UIDV - 392	Partition, Illumination, Air - Conditioning, Plumbing & Sanitation Lab
	UIDV - 393	Application of Design Concept Lab
4th	UIDV - 491	Quantity Surveying & Estimation Lab
	UIDV - 492	Secondary Services Lab
	UIDV - 493	Landscaping & Interior Scape Lab
5th	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
1st	UGEN – 191	Computer Fundamentals & IT Lab
	UMLTV - 192	Microbiology Lab - I

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

A F F I D A V I T

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 2022-2023 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 organising 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